BEFORE THE LD. MAHARASHTRA ELECTRICITY REGULATORY COMMISSION, MUMBAI

CASE NO. ____ OF 2026

IN THE MATTER OF:

Sakoli Power Transmission Limited ...Applicant/Petitioner

Versus

Maharashtra State Electricity Transmission Co. Ltd. & Ors. ...Respondent

MASTER INDEX

Sl. No.	Particulars	Page No.
1.	List of Dates	A-B
2.	Memo of Parties	C-F
3.	Application seeking grant of Transmission License, along with supporting Affidavit	1-8
4.	**Annexure A-1**: Copy of the TSA	9-159
5.	**Annexure A-2**: Copy of Sakoli's Certificate of Incorporation	160
6.	**Annexure A-3:** Copy of MSETCL's letter dated 28.01.2025, constituting the BEC	161-162
7.	**Annexure A-4 (Colly)**: Copy of RFP dated 16.12.2025, along with all subsequent clarifications and amendments issued thereto	163-498
8.	**Annexure A-5:** Copy of RECPDCL's invitation dated 18.12.2025 for selection of TSP for the Transmission Project	499
9.	**Annexure A-6:** Copy of BEC's certificate dated 23.06.2026	500
10.	**Annexure A-7:** Copy of LoI dated 13.08.2026	501-508
11.	**Annexure A-8**: Copy of MoP's letter dated 17.09.2026	509-510
12.	**Annexure A-9:** Copy of RECPDCL's letter dated 22.09.2026	511
13.	**Annexure P-10:** Copy of Ashoka Buildcon's Contract Performance Guarantee amounting to Rs. 16.70 Cr.	512-518
14.	**Annexure P-11** Copy of SPA dated 23.09.2026	519-538
15.	**Annexure P-12 Colly:** Form in terms of Schedule I to the TL Regulations	539-799

Sl. No.	Particulars	Page No.
	Enclosure 1: Copy of Sakoli's Memorandum of Association and Articles of Association	539-541
	Enclosure 2: Copy of the Survey Report of Sakoli's Transmission Project	542-780
	Enclosure 3: Copy of the Accounting Statements [for FY 2025-26 (as on 31.03.2026)], along with the Auditor's Report	781-798
	Enclosure 4: Copy of Sakoli's license application processing fees	799
16.	**Annexure P-13** Copy of proof of payment of filing fees	800
17.	Board Resolution	801-802
18.	Vakalatnama	803

Through:

J. Sagar Associates
Advocates for the Petitioner
3rd Floor, Tower C, WTC
Nauroji Nagar, New Delhi – 110029

Place: New Delhi
Date: 30.09.2026

LIST OF DATES

Date	Particulars
09.04.2025	Government of Maharashtra notified REC Power Development and Consultancy Ltd. ("**RECPDCL**") to be the BPC for the selection of Transmission Service Provider ("**TSP**") to develop Intra-State Transmission Project *viz.* "*Establishment of 400/220/132 kV AIS Sakoli [Dist: Bhandara]*" ("**Project**") to be implemented through tariff based competitive bidding process ("**TBCB**").
07.07.2025	For the purpose of the Transmission Project, RECPDCL incorporated a special purpose vehicle ("**SPV**"), namely Sakoli Power Transmission Limited ("**Sakoli**"), under the provisions of the Companies Act, 2013 to be the entity designated as the TSP for the implementation of the Project, in terms of the provisions of Ministry of Power's ("**MoP**") Tariff based Competitive-bidding Guidelines for Transmission Service dated 10.08.2021 ("**CBG, 2021**").
21.08.2025	Maharashtra State Electricity Transmission Co. Ltd. ("**MSETCL**") constituted the Bid Evaluation Committee ("**BEC**") for the Transmission Project.
16.12.2025	RECPDCL issued Request for Proposal ("**RFP**") and invited bids for participation in the Project and for selection of the TSP for the Transmission Project through TBCB. As per the RFP (as amended), the last date of bid submission was 28.04.2026.
18.12.2025	RECPDCL issued invitation for selection of TSP for the Transmission Project
28.04.2026	Ashoka Buildcon submitted its response and initial price offer to the RFP.
16.06.2026	The final offer of Ashoka Buildcon was discovered during the e-reverse auction.
23.06.2026	The BEC certified as under: - (i) Entire bid process for the Transmission Project was carried out in accordance with CBG, 2021 and Guidelines for encouraging competition in development of the Transmission Projects. (ii) Ashoka Buildcon, with the lowest annual transmission charges of **Rs. 1265.37 million**, emerged as the successful bidder for the Transmission Project. (iii) The transmission charges of Rs. 1265.37 million discovered after the e-reverse auction was acceptable.

Date	Particulars
13.08.2026	RECPDCL issued Letter of Intent ("**LoI**") in favour of Ashoka Buildcon, declaring Ashoka Buildcon as the successful bidder for the Project.
17.09.2026	MoP issued a letter to RECPDCL, approving the transfer of shares of Sakoli to Ashoka Buildcon.
22.09.2026	RECPDCL wrote a letter to Ashoka Buildcon *inter alia* extending the time period for the completion of the compliances under Clauses 2.15.2 of the RFP till 23.09.2026.
21.09.2026	Ashoka Buildcon furnished Contract Performance Guarantee to MSETCL amounting to Rs. 16.70 Cr.
23.09.2026	Transmission Service Agreement ("**TSA**") was signed between Sakoli and MSETCL, and Ashoka Buildcon executed a Share Purchase Agreement ("**SPA**") with RECPDCL and Sakoli, thereby acquiring 100% equity shares in Sakoli.
30.09.2026	Sakoli is filing the present Petition seeking adoption of Transmission Tariff for the Project.

BEFORE THE LD. MAHARASHTRA ELECTRICITY REGULATORY COMMISSION, MUMBAI
CASE NO. ____ OF 2026

IN THE MATTER OF:

Sakoli Power Transmission Limited ...Applicant/Petitioner

Versus

Maharashtra State Electricity Transmission Co. Ltd. & Ors. ...Respondents

MEMO OF PARTIES

Sakoli Power Transmission Limited
Through its authorized representative
Registered address: *Core-4, Scope Complex, 7, Lodhi Road, South Delhi, New Delhi - 110003*
Corporate address [for contact]: *S. No. 861, Ashoka House, Ashoka Marg, Vadala, Nashik, Maharashtra – 422001*
Phone No.: + 91 253 6633705
Email ID: anand.mahale@ashokabuildcon.com **...Applicant/Petitioner**

Versus

Maharashtra State Electricity Transmission Co. Ltd.
Through its Managing Director,
Head office - 'PRAKASHGANGA',
C-19, E- Block, Bandra Kurla Complex,
Bandra (E) Mumbai – 51
Phone: (022)26595000
Email: cesldc@mahasldc.in **...Respondent No. 1**

Maharashtra State Electricity Distribution Co. Ltd.
Through its Managing Director,
5th Floor, Prakashgadh,
Plot No. G-9, Anant Kanekar Marg,
Bandra East, Mumbai – 400 051
Phone: (022) 69852200; 8291067970 (M)
Email: md@mahadiscom.in; cgmcc@mahadiscom.in **...Respondent No. 2**

REC Power Development and Consultancy Ltd.
Through its Authorized Signatory,
D-Block, REC Headquarter, Plot No. I-4,
Sector-29, Gurugram, Haryana – 122001 **...Respondent No. 3**

Tata Power Company Limited.
Through its Authorized Signatory,
The Tata Power Co. Ltd.
Backbay Receiving Station, Near Shalimar Industrial Estate,
148, Lt. Gen J. Bhosale Marg,
Nariman Point, Mumbai-400021 **...Respondent No. 4**

Adani Electricity Mumbai Limited.
Through its Authorised Signatory,
CTS 407/A (New) 408 Old Village,
Eksar Devidas Lane, Borivali (West), Mumbai -400103 **...Respondent No. 5**

Brihanmumbai Electric Supply & Transport (BEST)
Through Authorised Signatory,
BEST Undertaking (Distribution),Off SVP Road,
Near Devidas Telephone Exchange,
BEST House, BEST Marg, Mumbai-400001.
Email id- dcet@bestundertaking.com;
powermanagement.best@gmail.com **...Respondent No. 6**

Mindspace Business Parks Pvt Ltd (MBPPL).
Plot No. C-30, Block 'G', Bandra Kurla Complex,
Bandra (E), Mumbai – 400051.
Email id- nchunarkar@kraheja.com; krcpower.ho@kraheja.com **...Respondent No. 7**

Indian Railways,
Chief Electrical Distribution Engineer,
Chief Electrical Engineer's Office,
2nd Floor Parcel office Building, Mumbai CST - 400 001.
Email id- dyceetrderly@gmail.com **...Respondent No. 8**

M/s. Gigaplex Estate Private Ltd (GEPL).
Raheja Tower, Plot No. C-30. Block-G, Engineer's Office,
Bandra Kurla Complex, Bandra (E), Mumbai – 400051.
Email id- nchunarkar@kraheja.com; krcpower.ho@kraheja.com **...Respondent No. 9**

M/s. Nidar Utilities Panvel (NUP LLP)
12th floor, Knowledge Park Bldg, Hiranandani Business Park,
Powai Mumbai-400076.
Phone- (022)25715231.
Email id- ho@tuco.in; regulatory@tuco.in; kunal.vohra@tuco.in **...Respondent No. 10**

M/s Maharashtra Airport Development Co Ltd (MADC)
8th Floor Centre 1, World Trade Center,

Cuffe Prade, Mumbai -4000005.
Email id : vcmd@madcindia.org; ce@madcindia.org ...Respondent No. 11

M/s KRC Infrastructure And Projects Pvt Ltd, (KRCIPPL)
Raheja Tower, Plot No. C-30. Block-G, Engineer's Office,
Bandra Kurla Complex, Bandra (E), Mumbai – 400051.
Email id- nchunarkar@kraheja.com; krcpower.ho@kraheja.com ...Respondent No. 12

Eon Kharadi Infrastructure Private Limited (Ph-1)
Survey No. 77, MIDC Knowledge Park,
Kharadi, Pune-411014.
Email id- nisar@eropower.in; eon1.dl@panchshil.com ...Respondent No. 13

Eon Kharadi Infrastructure Private Limited (Ph-2)
Survey No.72, MIDC Knowledge Park,
Kharadi, Pune-411014.
Email id- nisar@eropower.in; eon2.dl@panchshil.com ...Respondent No. 14

M/s Jawaharlal Nehru Port Authority, (JNPA-SEZ)
Navi Mumbai, Raigad, Sheva,
Navi Mumbai, Maharashtra, 400707.
Email id- bhagwansinkar@jnport.gov.in;
anilchopade@jnport.gov.in ...Respondent No. 15

M/s Iskandar Power Ltd.
Arshiya ftwz, co-1,survey nos 178/3,178/4,
Post - Sai Village, Taluka - Panvel,
District – Raigad, pincode- 410221.
Email id- vikas.patil@arshiyalimited.com;
sonal.gupta@arshiyalimited.com ...Respondent No. 16

AEML SEEPZ Ltd.
A&F section, 5th floor,
Devidas Lane, Borivali West. Mumbai – 400103. ...Respondent No. 17

SEZ Biotech Services Private Limited Hadapsar SEZ
Manjari SEZ,212/2 off Soli Poonawalla Road,
Hadapsar,Pune,Maharashtra,India.
Email id- nisar@eropower.in; shiftenggm@sezbiotech.com ...Respondent No. 18

SEZ Biotech Services Private Limited Manjari SEZ

Hadapsar SEZ,212/2 off Soli Poonawalla Road,
Hadapsar, Pune, Maharashtra
Email ID - nisar@eropower.in, shiftenggh@sezbiotech.com **...Respondent No. 19**

Maharashtra Industrial Township Limited-Bidkin
Udyog Sarathi, DMIC Cell, Mahakali Caves Road, Marol
Email id- dgmelecpra@auric.city **...Respondent No. 20**

Maharashtra Industrial Township Limited-Shendra
Udyog Sarathi, DMIC Cell, Mahakali Caves Road, Marol
Email id- dgmelecpra@auric.city **..... Respondent No. 21**

Through:

J. Sagar Associates
Advocates for the Petitioner
3rd Floor, Tower C, WTC
Nauroji Nagar, New Delhi – 110029

Place: New Delhi
Date: 30.09.2026

BEFORE THE LD. MAHARASHTRA ELECTRICITY REGULATORY COMMISSION, MUMBAI

CASE NO. ____ OF 2026

IN THE MATTER OF: *Application under Sections 14, 15 and 86(1)(d) of the Electricity Act, 2003 r/w Regulation 4 of MERC (Transmission License Conditions) Regulations, 2004 seeking grant of Transmission License for Sakoli Power Transmission Limited.*

AND IN THE MATTER OF:

Sakoli Power Transmission Limited ...Applicant/Petitioner

Versus

Maharashtra State Electricity Transmission Co. Ltd. & Ors. ...Respondent

Application seeking grant of Transmission License

1. Sakoli Power Transmission Limited ("**Sakoli**"), a wholly owned subsidiary of Ashoka Buildcon Ltd. ("**Ashoka Buildcon**") is filing the present Application seeking Transmission License in terms of Section 14, 15 and 86(1)(d) of the Electricity Act, 2003 r/w MERC (Transmission License Conditions) Regulations, 2004 ("**TL Regulations**").

2. The Transmission License is being sought pursuant to Letter of Intent ("**LoI**") dated 13.08.2026 awarded by REC Power Development and Consultancy Ltd. ("**RECPDCL**") i.e., the Bid-Process Coordinator ("**BPC**") in favour of Ashoka Buildcon for development and operation of Intra-State Transmission System *viz.* "*Establishment of 400/220/132 kV AIS Sakoli [Dist: Bhandara]*" ("**Project**"). A Transmission Service Agreement ("**TSA**") dated 23.09.2026 was signed between Sakoli and Maharashtra State Electricity Transmission Co. Ltd., i.e. the State Transmission utility ("**MSETCL**"). On the same date, Ashoka Buildcon executed a Share Purchase Agreement ("**SPA**") with RECPDCL and Sakoli, thereby acquiring 100% equity shares in Sakoli. As per **Schedule I** of the TSA, the Scope of the Project is as under: -

Sl. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos.	24 months from the effective date

Sl. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date
	• 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler-1 No. • 132 kV Bus Coupler-1 No. • 132 kV Transfer Bus Coupler- 1 set • 125 MVAr, 400 kV Bus Reactor- 1 No • 400 kV Bus Reactor bay-1 No **Future Space Provisions:** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.	
2.	LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)	
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.	
4.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) • 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.	
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.	
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.	

Note:

#: Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.

In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.

Copy of the TSA is at **Annexure A-1**.

3. It is submitted that this Ld. Commission has the jurisdiction to entertain the present Application/Petition under Sections 14, 15 and 86(1)(d) of the Electricity Act, 2003 r/w Regulation 4 of the TL Regulations.

4. The description of the parties to the Petition/Application is as under: -

(a) The Applicant/Petitioner is the TSP incorporated for the development and operation of the Transmission Project.

(b) Respondent No. 1, MSETCL is the state transmission utility and the Nodal Agency for the Transmission Project.

(c) Respondent No. 2, RECPDCL is the BPC for the implementation of the Transmission Project, as notified by Government of Maharashtra.

(d) Respondent Nos. 3-21 are the beneficiaries to the Transmission Project.

5. The brief factual background leading upto filing of the present Application is as under:-

(a) On 09.04.2025, Government of Maharashtra notified RECPDCL to be the BPC for the selection of Transmission Service Provider ("**TSP**") to develop Intra-State Transmission Project to be implemented through tariff based competitive bidding process ("**TBCB**").

(b) On 07.07.2025, for the purpose of the Transmission Project, RECPDCL incorporated a special purpose vehicle ("**SPV**"), namely Sakoli, under the provisions of the Companies Act, 2013 to be the entity designated as the TSP for the implementation of the Project, in terms of the provisions of Tariff based Competitive-bidding Guidelines for Transmission Service, 2021 ("**CBG, 2021**"). Copy of the Certificate of Incorporation is at **Annexure A-2.**

(c) On 28.01.2025, MSETCL constituted the Bid Evaluation Committee ("**BEC**") for the Transmission Project. Copy of MSETCL's letter constituting BEC is at **Annexure A-3.**

(d) On 16.12.2025, RECPDCL issued Request for Proposal ("**RFP**") and invited bids for participation in the Project and for selection of the TSP for the Transmission Project through TBCB. As per the RFP (as amended), the last date of bid submission was

28.04.2026. Copy of RFP, along with all subsequent clarifications and amendments issued thereto, is at **Annexure A-4 (Colly)**.

(e) On 18.12.2025, RECPDCL issued invitation for selection of TSP for the Transmission Project, copy of which is at **Annexure A-5**.

(f) On 28.04.2026, Ashoka Buildcon submitted its response and initial price offer to the RFP.

(g) On 16.06.2026, the final offer of Ashoka Buildcon was discovered during the e-reverse auction.

(h) On 23.06.2026, the BEC certified as under: -

(i) Entire bid process for the Transmission Project was carried out in accordance with CBG, 2021 and Guidelines for encouraging competition in development of the Transmission Projects.

(ii) Ashoka Buildcon, with the lowest annual transmission charges of **Rs. 1265.37 million**, emerged as the successful bidder for the Transmission Project.

(iii) The transmission charges of Rs. 1265.37 million discovered after the e-reverse auction was acceptable.

Copy of the certificate issued by the Bid Evaluation Committee is at **Annexure A-6**.

(i) On 13.08.2026, RECPDCL issued LoI in favour of Ashoka Buildcon, declaring Ashoka Buildcon as the successful bidder for the Project, copy of which is at **Annexure A-7**.

(j) On 17.09.2026, MoP issued a letter to RECPDCL, approving the transfer of shares of Sakoli to Ashoka Buildcon, copy of which is at **Annexure A-8**.

(k) On 22.09.2026, RECPDCL wrote a letter to Ashoka Buildcon *inter alia* extending the time period for the completion of the compliances under Clauses 2.15.2 of the RFP till 23.09.2026. Copy of letter dated 22.09.2026 is at **Annexure A-9**.

6. As per the requirements under the RFP and LoI: -

(a) On 21.09.2026, Ashoka Buildcon furnished Contract Performance Guarantee to MSETCL amounting to Rs. 16.70 Cr., copy of which is at **Annexure A-10**.

(b) On 23.09.2026: -

(i) TSA was signed between Sakoli and MSETCL.

(ii) On 30.07.2024, Ashoka Buildcon executed an SPA with RECPDCL and Sakoli, thereby acquiring 100% equity shares in Sakoli, copy of which is at **Annexure A-11**.

(c) Sakoli is filing the present Application seeking grant of Transmission License.

(d) Sakoli is filing the Petition seeking adoption of Transmission Tariff (through a separate Petition).

7. It is submitted that: -

(a) The Form to the present Application seeking grant of Transmission License, in terms of Schedule I to the TL Regulations, is annexed at **Annexure A-12**, along with all requisite documents and information.

(b) The requisite filing fee *qua* the present Application seeking grant of Transmission License has been deposited, the proof of which is at **Annexure A-13**.

(c) Sakoli undertakes to post copy of the present Application on its website and publish the public notices vis-à-vis this Application in terms of Regulation 6 of the TL Regulations.

8. Section 86(1)(d) r/w Sections 14 & 15 of the Electricity Act, 2003 empowers this Ld. Commission to issue licenses to entities to function as transmission licensees with respect to their intra-state operations. Sakoli has fulfilled and complied with all the pre-requisites for the grant of Transmission License as per the provisions of the Electricity Act, 2003, the TL Regulations and the CBG, 2021 and thus meets the eligibility for the grant of Transmission License.

9. In light of the aforementioned facts, this Ld. Commission may kindly allow the present Application and grant the Transmission License to Sakoli for the Transmission Project.

10. The present Application is filed *bonafide* and the in the interest of justice.

PRAYER

11. In view of the aforesaid, it is respectfully prayed that this Ld. Commission may be pleased to: -

(a) Grant Transmission License to the Applicant for development and operation of the Intra-State Transmission System *viz.* '*Establishment of 400/220/132 kV AIS Sakoli [Dist: Bhandara]*'.

(b) Pass any such order as this Ld. Commission deems fit and proper in the facts and circumstances of the case.

Sakoli Power Transmission Limited

Through:
J. Sagar Associates
Advocates for the Petitioner
3rd Floor, Tower C, WTC
Nauroji Nagar, New Delhi – 110029

Place: New Delhi
Date: 30-09-2026

Solemnly affirmed & Sign. before
me by Shri/Smt. Anand Balwant Mahale Ho NSik
Who is identified by _____
whom I know personally.

30/09/2026

MANOJ BALIRAM DAIVE
Advocate & Notary Govt. of India

Shivram Sankul,
Near Old Gaikwad Class,
Kanhere Wadi, CBS, Nashik.

NOTARY
M. B. DAIVE
DIST. NASHIK (MAHA.)
REG. No. 21447
Valid upto
08/01/2030
GOVT. OF INDIA

7

BEFORE THE LD. MAHARASHTRA ELECTRICITY REGULATORY COMMISSION, MUMBAI

CASE NO. ____ OF 2026

IN THE MATTER OF:

Sakoli Power Transmission Limited ...Petitioner

Versus

Maharashtra State Electricity Transmission Co. Ltd. & Ors. ...Respondent

Affidavit

I, Anand Balwant Mahale, son of Shri Balwant Rangnath Mahale, aged about 35 years, being the authorized signatory of the Petitioner, Sakoli Power Transmission Limited, working at Ashoka Buildcon Limted, do hereby solemnly affirm and state as under: -

1. I say that I am the authorized signatory of the Petitioner and am competent to affirm the present Affidavit on behalf of the Petitioner.

2. I say that the facts stated in the accompanying Petition are true and correct to the best of my knowledge on the records of the Petitioner and the legal submissions made are based upon information received by me and believed to be true.

3. I say that the annexures to the accompanying Petition are true copies of their respective originals.

4. I say that there are no proceedings pending in any court of law/tribunal or arbitrator or any other authority, wherein the Petitioner is a party and where issues arising and/or reliefs sought are identical or similar to the issues arising in the present matter pending before the Commission.

SAKOLI POWER TRANSMISSION LIMITED

DEPONENT

NOTARY M. B. DAIVE DIST. NASHIK (MAHA.) REG. No. 3144 Valid upto 08/01/2030 NOTARIAL GOVT. OF INDIA

NOTARY M. B. DAIVE DIST. NASHIK (MAHA.) REG. No. 3144 Valid upto 08/01/2030 NOTARIAL GOVT. OF INDIA

NOTARY
NOTED & REGISTERED at Serial No. 1018/2026
Date:- 29/09/2026
THIS DOCUMENT Contains 02 Pages.

8

VERIFICATION

I, the deponent above named, do hereby verify that the contents of my above Affidavit are true and correct, no part of it is false and nothing material has been concealed therefrom.

Verified at Nashik on this 30th day of September 2026.

SAKOLI POWER TRANSMISSION LIMITED

DEPONENT

NOTARY
M. B. DAIVE
GOVT. OF INDIA

Solemnly affirmed & Sign. before
me by Shri/Smt. Anand Balwant Mahale Ab NSK
Who is identified by _____
whom I know personally.

30/09/2026

MANOJ BALIRAM DAIVE
Advocate & Notary, Govt. of India
Shivram Sankul,
Near Old Gaikwad Class,
Kanhere Wadi, CBS, Nashik.

Annexure A-1

TRANSMISSION SERVICE AGREEMENT

FOR

DEVELOPMENT AND OPERATION OF INTRA-STATE TRANSMISSION SYSTEM

FOR TRANSMISSION OF ELECTRICITY THROUGH TARIFF BASED COMPETITIVE BIDDING FOR

ESTABLISHMENT OF 400/220/132 KV SAKOLI (DIST. BHANDARA)

BETWEEN THE

MAHARASHTRA STATE TRANSMISSION UTILITY (STU)

(NODAL AGENCY)

AND

SAKOLI POWER TRANSMISSION LIMITED

23.09.2026

MSETCL

Sakoli Power Transmission Limited
New Delhi
110003
Core-4, Scope Complex, 7, Lodhi Road

भारतीय गैर न्यायिक

भारत INDIA

रु. 500 FIVE HUNDRED RUPEES

पाँच सौ रुपये Rs. 500

सत्यमेव जयते

INDIA NON JUDICIAL

महाराष्ट्र MAHARASHTRA ◑ 2026 ◑ FE 712818

प्रधान मुद्रांक कार्यालय, मुंबई
प.मु.वि.क्र. ८०००९४
- 7 SEP 2026
सक्षम अधिकारी

श्री राजेश पाटील

This forms part and parcel of the Transmission Service Agreement signed on 23rd September 2026 between the Maharashtra State Transmission Utility (STU), Prakashganga, 4th Floor/ 'A' Wing, Plot No.C-19, E-Block, BKC Complex, Bandra (E), Mumbai – 400051, and Sakoli Power Transmission Limited, incorporated under the Companies Act, 2013, having its registered office at Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi – 110 003.

MSETCL

Sakoli Power Transmission Limited
New Delhi
110003
Core-4, Scope Complex, 7, Lodhi Road

21 SEP 2026

AGREEMENT

21 SEP 2026

जोडपत्र -२ Annexure - II

दस्ताचा प्रकार	
दस्त नोंदणी करणार आहेत का	YES/NO
मिळकतीचे वर्णन -	
मुद्रांक विकत घेतल्याचे ठिकाण	
दुसऱ्या पक्षकाराचे नाव	
दस्त अंमलबजावणी ठिकाणी नाव व पत्ता	
मुद्रांक शुल्क रक्कम	
मुद्रांक विक्री नोंद वही अनु. क्र.	
मुद्रांक विक्रेत्याचे नाव	
मुद्रांक विक्रेत्याची सही	
परवाना क्रमांक: ८०००९४ मुद्रांक विक्रीचे ठिकाण/पत्ता: मध्यवर्ती बँक खंदा शाखा, मुंबई दि महाराष्ट्र मंत्रालय ऑंड अलाईड ऑफिसेसकरे. ऑप. बँक लि मंत्रालय - ४०० ०३२.	सागर जगन्नाथ माने
ज्या कारणासाठी जास्ती मुद्रांक खरेदी केला त्या कारणासाठी मुद्रांक खरेदी केल्यापासून ६ महिन्यात लावणे बंधनकारक आहे.	

Maharashtra State Transmission Utility (STU)
Prakashganga, 4th Floor 'A' Wing, Plot No C-19,
E-Block, BKC Complex, Bandra (E), Mumbai - 400051

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Ltd

CONTENTS

1	Definitions and Interpretations	5
2	Effectiveness and Term of Agreement	18
3	Conditions Subsequent	20
4	Development of the Project	24
5	Construction of the Project	29
6	Connection and commissioning of the Project	34
7	Operation and Maintenance of the Project	39
8	Availability of the project	40
9	Insurances	41
10	Billing And Payment of Transmission Charges	43
11	Force Majeure	44
12	Change in Law	49
13	Events of Default and Termination	52
14	Liability and Indemnification	57
15	Assignments and Charges	62
16	Governing Law and Dispute Resolution	64
17	Representation and Warranties	66
18	Independent Engineer	68
19	Miscellaneous Provisions	70

THIS TRANSMISSION SERVICE AGREEMENT (hereinafter referred to as "TSA" or "Agreement" or "the Agreement" or "this Agreement") is made on the 23rd day of September 2026.

BETWEEN:

The Maharashtra State Transmission Utility (STU), Prakashganga, 4th Floor/ 'A' Wing, Plot No.C-19, E-Block, BKC Complex, Bandra (E), Mumbai – 400051, acting as a Nodal Agency (referred to as the "**Nodal Agency**" which expression shall unless repugnant to the context or meaning thereof include its successors, and permitted assigns) as Party of the one part;

AND

Sakoli Power Transmission Limited, incorporated under the Companies Act, 2013, having its registered office at Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi – 110 003 (herein after referred to as "Transmission Service Provider" or "TSP" or "Licensee", which expression shall unless repugnant to the context or meaning thereof include its successors, and permitted assigns) as Party of the other part;

("Nodal Agency" and "TSP" are individually referred to as "Party" and collectively as the "Parties")

AND WHEREAS:

A) In accordance with the Bidding Guidelines, the Bid Process Coordinator (hereinafter referred to as BPC) had initiated a competitive e-reverse bidding process through issue of RFP for selecting a Successful Bidder to build, own, operate and transfer the Project comprising of the Elements mentioned in Schedule 1 (hereinafter referred to as the Project)

B) Pursuant to the said e-reverse bidding process, the BPC has identified the Successful Bidder, who will be responsible to set up the Project on build, own, operate and transfer basis to provide Transmission Service in accordance with the terms of this Agreement and the Transmission License.

C) The Selected Bidder has submitted the Contract Performance Guarantee and acquired one hundred percent (100%) of the equity shareholding of

Sakoli Power Transmission Limited, along with all its related assets and liabilities in terms of the provisions of the Share Purchase Agreement.

D) The TSP has agreed to make an application for a Transmission License to the State Commission for setting up the Project on build, own, operate and transfer basis.

E) The TSP has further agreed to make an application to the State Commission for the adoption of the Transmission Charges under Section 63 of the Electricity Act, 2003, along with a certification from the Bid Evaluation Committee in accordance with the Bidding Guidelines issued by Ministry of Power, Government of India.

F) The TSP has agreed to execute the agreement(s) required, if any, under MERC MYT Regulations within fifteen (15) days from the date of grant of Transmission License from the State Commission.

G) The TSP agrees to the terms and conditions laid down under MERC MYT Regulations, for making available the Intra-State Transmission System and charge the Transmission Charges in accordance with the terms and conditions of MERC MYT Regulations.

H) The billing, collection and disbursement of the Transmission Charges by the Nodal Agency to the Licensee shall be governed as per this Agreement.

I) The terms and conditions stipulated in the Transmission License issued by the State Commission to the TSP shall be applicable to this Agreement and the TSP agrees to comply with these terms and conditions. In case of inconsistency between the Transmission License terms & conditions and the conditions of this Agreement, the conditions stipulated in the Transmission License granted by the State Commission shall prevail.

NOW, THEREFORE, IN CONSIDERATION OF THE PREMISES AND MUTUAL AGREEMENTS, COVENANTS AND CONDITIONS SET FORTH HEREIN, IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

ARTICLE: 1

1 DEFINITIONS AND INTERPRETATIONS

1.1 Definitions:

1.1.1 The words / expressions used in this Agreement, unless as defined below or repugnant to the context, shall have the same meaning as assigned to them by the Electricity Act, 2003 and the rules or regulations framed there under including those issued / framed by the State Commission (as defined hereunder), as amended or re-enacted from time to time or the General Clauses Act, failing which it shall bear its ordinary English meaning.

The words/expressions when used in this Agreement shall have the respective meanings as specified below:

"Acquisition Price" shall have the same meaning as defined in the Share Purchase Agreement;

"Act" or **"Electricity Act"** or **"Electricity Act 2003"** shall mean the Electricity Act, 2003 and any amendments made to the same or any succeeding enactment thereof;

"Affiliate" shall mean a company that either directly or indirectly

i. controls or

ii. is controlled by or

iii. is under common control with

a Bidding Company (in the case of a single company) or a Member (in the case of a Consortium) and "**control**" means ownership by one entity of at least twenty six percent (26%) of the voting rights of the other entity;

"Availability" in relation to the Project or in relation to any Element of the Project, for a given period shall mean the time in hours during that period the Project is capable to transmit electricity at its Rated Voltage and shall be expressed in percentage of total hours in the given period and shall be calculated as per the procedure contained in Annexure VI to the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2024, attached herewith in Schedule 6;

"Bid" shall mean technical bid and financial bid submitted by the Bidder, in response to the RFP, in accordance with the terms and conditions of the RFP;

"Bid Deadline" shall mean the last date and time for submission of the Bid in response to RFP, as specified in the RFP;

"Bidding Company" shall refer to such single company that has made a Response to RFP for the Project;

"Bidding Consortium / Consortium" shall refer to a group of companies that has collectively made a Response to RFP for the Project;

"Bid Documents" or **"Bidding Documents"** shall mean the RFP, along with all attachments thereto or clarifications thereof;

"Bidding Guidelines" shall mean the "Tariff Based Competitive Bidding Guidelines for Transmission Service" and "Guidelines for Encouraging Competition in Development of Transmission Projects" issued by Government of India, Ministry of Power under Section – 63 of the Electricity Act as amended from time to time;

"Bid Process Coordinator" or **"BPC"** shall mean a person or its authorized representative as notified by the Government of Maharashtra, responsible for carrying out the process for selection of Bidder who will acquire Transmission Service Provider;

"Bill" shall mean any bill raised by the STU on the LTTSUs to recover the Intra State Transmission Charges pursuant to the MERC MYT Regulations;

"Business Day" shall mean a day other than Sunday or a statutory holiday, on which the banks remain open for business in the State in which the Nodal Agency's registered office is located and the concerned TSP are located;

"CEA" shall mean the Central Electricity Authority constituted under Section -70 of the Electricity Act;

"Change in law" shall have the meaning ascribed thereto in Article 12;

"Commercial Operation Date" or **"COD"** shall mean the date as per Article 6.2;

"Central Commission" or **"CERC"** shall mean the Central Electricity Regulatory Commission referred to in sub-section (1) of Section 76 of the Electricity Act, 2003 or its successors and assigns;

"Central Government" or **"GOI"** shall mean the Government of India;

"Competent Court of Law" shall mean the Supreme Court or any High Court, or any tribunal or any similar judicial or quasi-judicial body in India that has jurisdiction to adjudicate upon issues relating to the Project;

"Connection Agreement" shall mean the agreement between the CTU or MSTU or any other concerned parties and the TSP, setting out the terms relating to the connection of the Project to the Inter-connection Facilities and use of the Inter State Transmission System/ Intra State Transmission System (as the case may be) as per the provisions of the IEGC/ State Grid Code, as the case may be;

"Consultation Period" shall mean the period of sixty (60) days or such longer period as the Parties may agree, commencing from the date of issue of a TSP's Preliminary Notice or a Nodal Agency's Preliminary Termination Notice, as provided in Article 13 of this Agreement, for consultation between the Parties to mitigate the consequence of the relevant event having regard to all the circumstances;

"Consents, Clearances and Permits" shall mean all authorizations, licenses, approvals, registrations, permits, waivers, privileges, acknowledgements, agreements, or concessions required to be obtained from or provided by any concerned authority for the development, execution and operation of Project including without any limitation for the construction, ownership, operation and maintenance of the Transmission Lines and/or sub-stations;

"Construction Period" shall mean the period from (and including) the Effective Date of the Transmission Service Agreement up to (but not including) the COD of the Element of the Project in relation to an Element and up to (but not including) the COD of the Project in relation to the Project;

"Contractors" shall mean the engineering, procurement, construction, operation & maintenance contractors, surveyors, advisors, consultants, designers, suppliers to the TSP and each of their respective sub-contractors (and each of their respective successors and permitted assigns) in their respective capacities as such;

"Contract Performance Guarantee" shall mean the irrevocable unconditional bank guarantee or insurance surety bond or Payment on Order Instrument, submitted and to be submitted by the TSP or by the Selected Bidder on behalf of the TSP to the Nodal Agency from a bank mentioned in Annexure 17 of the RFP, in the form attached here to as Schedule 8 (for bank guarantee) or Schedule 8A (for insurance surety bond issued by any of the insurance companies authorized by Insurance

Regulatory and Development Authority of India) or Schedule-8B (for Payment on Order Instrument issued by PFC/REC/IREDA, in accordance with Article 3 of this Agreement and which shall include the additional bank guarantee or insurance surety bond or Payment on Order Instrument furnished by the TSP under this Agreement;

"Contract Year", for the purpose of payment of Transmission Charges, shall mean the period beginning on the COD, and ending on the immediately succeeding March 31 and thereafter each period of 12 months beginning on April 1 and ending on March 31 provided that the last Contract Year shall end on the last day of the term of the TSA;

"CTU" or **"Central Transmission Utility"** shall have same meaning as defined in the Electricity Act, 2003;

"Day" shall mean a day starting at 0000 hours and ending at 2400 hours;

"D/C" shall mean Double Circuit;

"Dispute" shall mean any dispute or difference of any kind between the Parties, in connection with or arising out of this Agreement including any issue on the interpretation and scope of the terms of this Agreement as provided in Article 16;

"Effective Date" for the purposes of this Agreement, shall have the same meaning as per Article 2.1 of this Agreement;

"Electrical Inspector" shall mean a person appointed as such by the State Government under sub-section (1) of Section 162 of the Electricity Act 2003 and also includes Chief Electrical Inspector;

"Electricity Rules 2005" shall mean the rules framed pursuant to the Electricity Act 2003 and as amended from time to time;

"Element" shall mean each Transmission Line or each circuit of the Transmission Lines (where there are more than one circuit) or each bay of Sub-station or switching station or HVDC terminal or inverter station of the Project, including ICTs, Reactors, SVC, FSC, etc. forming part of the Intra-State Transmission System, which will be owned, operated and maintained by the concerned Licensee, and which has a separate Scheduled COD as per Schedule 2 of this Agreement and has a separate percentage for recovery of Transmission Charges on achieving COD as per Schedule 5 of this Agreement;

"Event of Default" shall mean the events as defined in Article 13 of this Agreement;

"Expiry Date" shall be the date which is thirty five (35) years from the COD of the Project;

"Financial Closure" shall mean the first Business Day on which funds are made available to the TSP pursuant to the Financing Agreements;

"Financially Evaluated Entity" shall mean the company which has been evaluated for the satisfaction of the financial requirement set forth in the RFP;

"Financing Agreements" shall mean the agreements pursuant to which the TSP is to finance the Project including the loan agreements, security documents, notes, indentures, security agreements, letters of credit and other documents, as may be amended, modified, or replaced from time to time, but without in anyway increasing the liabilities of the Long Term Transmission System Users/Nodal Agency;

"Financial Year" shall mean a period of twelve months at midnight Indian Standard Time (IST) between 1st April & 31st March;

"Force Majeure" and **"Force Majeure Event"** shall have the meaning assigned thereto in Article11;

"Grid Code" / "IEGC" or **"State Grid Code"** shall mean the Grid Code specified by the Central Commission under clause (h) of sub-section (1) of Section 79 of the Electricity Act and/or the State Grid Code as specified by the concerned State Commission referred under clause (h) of sub-section (1) of Section 86 of the Electricity Act as applicable;

"Independent Engineer" shall mean an agency/ company, appointed by Nodal Agency's in accordance with the Guidelines for Encouraging Competition in Development of Transmission Projects.

"Indian Governmental Instrumentality" shall mean Government of India, Government of any State in India or any ministry, department, board, authority, agency, corporation, commission under the direct or indirect control of Government of India or any State Government or both, any political sub-division of any of them including any court or CERC or MERC or tribunal or judicial or quasi-judicial body in India but excluding the CTU, Maharashtra STU and TSP and the Long Term Transmission System Users;

"Insurances" shall mean the insurance cover to be obtained and maintained by the TSP in accordance with Article 9 of this Agreement;

"Interconnection Facilities" shall mean the facilities as may be set up for transmission of electricity through the use of the Project, on either one or both side of generating station's / CTU's / STU's / InSTS Licensee's / Designated InSTS Customers substations (as the case may be) which shall include, without limitation, all other transmission lines, gantries, sub-stations and associated equipments not forming part of the Project;

"Invoice" shall mean a Monthly Transmission Charges Invoice or Monthly Bill comprising the Monthly Transmission Charges, as per Schedule 4 hereof, a Supplementary Invoice or any other Invoice or Bill raised by any of the Parties;

"Licensee" shall be the TSP under this Agreement, consequent to having been awarded a Transmission License by MERC and shall be referred to as the TSP or the Licensee, as the context may require in this Agreement;

"Law" or "Laws" in relation to this Agreement, shall mean all laws including electricity laws in force in India and any statute, ordinance, rule, regulation, notification, order or code, or any interpretation of any of them by an Indian Governmental Instrumentality having force of law and shall include all rules, regulations, decisions and orders of the State Commission;

"Lead Member of the Bidding Consortium" or "Lead Member" shall mean a company who commits at least 26% equity stake in the Project, meets the technical requirement as specified in the RFP and so designated by other Member(s) in Bidding Consortium;

"Lenders" means the banks, financial institutions, multilateral funding agencies, non banking financial companies registered with the Reserve Bank of India (RBI), insurance companies registered with the Insurance Regulatory & Development Authority (IRDA), pension funds regulated by the Pension Fund Regulatory & Development Authority (PFRDA),mutual funds registered with Securities & Exchange Board of India (SEBI), etc., including their successors and assigns, who have agreed on or before COD of the Project to provide the TSP with the debt financing described in the capital structure schedule, and any successor banks or financial institutions to whom their interests under the Financing Agreements may be transferred or assigned;

Provided that, such assignment or transfer shall not relieve the TSP of its obligations to the Nodal Agency under this Agreement in any manner and shall also does not lead to an increase in the liability of the Nodal Agency;

"Lenders Representative" shall mean the person notified by the Lender(s) in writing as being the representative of the Lender(s) or the Security Trustee and such person may from time to time be replaced by the Lender(s) pursuant to the Financing Agreements by written notice to the TSP;

"Letter of Intent" or **"LOI"** shall have the same meaning as in the RFP;

"Long Term Transmission System User" or "LTTSU" shall have the meaning as described in MERC (Transmission Open Access) Regulations, 2016 as amended from time to time.

"Member in a Bidding Consortium / Member" shall mean each company in the Bidding Consortium;

"MERC MYT Regulations" shall mean Maharashtra Electricity Regulatory Commission (Multi Year Tariff), Regulations, 2024, as amended from time to time;

"Month" shall mean a period of thirty (30) days from (and excluding) the date of the event;

"Monthly Transmission Charges" for any Element of the Project, after COD of the Element till COD of the Project, and for the Project after COD of the Project, shall mean the amount of Transmission Charges as specified in Schedule 5 of this Agreement multiplied by no. of days in the relevant month and divided by no. of days in the year;

"National Load Despatch Centre" shall mean the centre established as per sub-section (1) of Section 26 of the Electricity Act 2003;

"Nodal Agency" shall mean Maharashtra State Transmission Utility (STU), which shall execute and implement the Transmission Service Agreement (TSA);

"Notification" shall mean any notification, issued in the Gazette of India/Government of Maharashtra;

"Operating Period" for any Element of the Project shall mean the period from (and including) the COD of such Element of the Project, up to (and including) the Expiry Date and for the Project, shall mean the period from (and including) the COD of the Project, up to (and including) the Expiry Date;

"Payment on Order Instrument" shall mean Letter of Undertaking from Indian Renewable Energy Development Agency Limited (IREDA) or

Power Finance Corporation Limited (PFC) or REC Limited (REC) [the three non-banking financial institutions under Ministry of New & Renewable Energy (MNRE)/ Ministry of Power (MoP)], to pay in case situation of default of Transmission Service Provider (TSP) in terms of tender conditions/ Power Purchase Agreement (PPA) arises. Such Letter(s) will have same effect as that of a Bank Guarantee issued by any public sector bank. Such "Payment on Order instrument" would have terms and conditions similar to that of any Bank Guarantee given by any public sector bank and would promise to pay the Nodal Agency on demand within stipulated time. TSPs can seek such Letter(s) by offering due security to the above-mentioned three non- banking financial institutions mentioned above (IREDA, PFC & REC). Nodal Agency shall not accept the instrument of 'Letter of Undertaking' as described above or in any other form, from any other non-banking financial institutions or bank, except IREDA, PFC & REC.

"Parent Company" shall mean an entity that holds at least twenty six percent (26%) of the paid - up equity capital directly or indirectly in the Bidding Company or in the Member in a Bidding Consortium, as the case may be;

"Preliminary Termination Notice" shall mean a Nodal Agency's Preliminary Termination Notice as defined in Article 13 of this Agreement;

"Project" shall mean Development of Intra State Transmission system for **Establishment of 400/220/132 kV Sakoli (dist. Bhandara)**, as detailed in Schedule 1 of this Agreement;

"**Project Assets**" shall mean all physical and other assets relating to and forming part of the Project including:

(a) rights over the Site for substations, ROW for transmission lines;

(b) tangible & intangible assets such as civil works and equipment including foundations, embankments, pavements, electrical systems, communication systems, relief centres, administrative offices, Sub-stations, software, tower and sub-stations designs etc;

(c) project facilities situated on the Site;

(d) all rights of the TSP under the project agreements;

(e) financial assets, such as receivables, security deposits etc;

(f) insurance proceeds; and

(g) Applicable Permits and authorisations relating to or in respect of the Transmission System;"

"Project Execution Plan" shall mean the plan referred to in Article 3.1.3(c) hereof;

"Prudent Utility Practices" shall mean the practices, methods and standards that are generally accepted internationally from time to time by electric transmission utilities for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of the Project and which practices, methods and standards shall be adjusted as necessary, to take account of:

(i) operation, repair and maintenance guidelines given by the manufacturers to be incorporated in the Project,

(ii) the requirements of Law, and

(iii) the physical conditions at the Site;

(iv) the safety of operating personnel and human beings;

"Rated Voltage" shall mean voltage at which the Transmission System is designed to operate or such lower voltage at which the line is charged, for the time being, in consultation with the State Transmission Utility;

"Rebate" shall have the meaning as ascribed to in Article 10.3 of this Agreement;

"RFP" shall mean Request for Proposal dated 16.12.2025 along with all schedules, annexures and RFP Project Documents attached thereto, issued by the BPC for tariff based competitive bidding process for selection of Bidder as TSP to execute the Project, including any modifications, amendments or alterations thereto;

"RFP Project Documents" shall mean the following documents to be entered into in respect of the Project, by the Parties to the respective agreements:

a. Transmission Service Agreement,

b. Share Purchase Agreement, and

c. Any other agreement as may be required;

"RLDC" shall mean the relevant Regional Load Dispatch Centre as defined in the Electricity Act, 2003, in the region(s) in which the Project is located;

"RPC" shall mean the relevant Regional Power Committee established by the Government of India for the specific Region(s) in accordance with the Electricity Act, 2003 for facilitating integrated operation of the Power System in that Region;

"Scheduled COD" in relation to an Element(s) shall mean the date(s) as mentioned in Schedule 2 as against such Element(s) and in relation to the Project, shall mean the date as mentioned in Schedule 2 as against such Project, subject to the provisions of Article 4.4 of this Agreement, or such date as may be mutually agreed among the Parties;

"Scheduled Outage" shall mean the final outage plan as approved by the RPC/ SLDC as per the provisions of the Grid Code;

"Selected Bid" shall mean the technical Bid and the Final Offer of the Selected Bidder submitted during e-reverse bidding, which shall be downloaded and attached in Schedule 7 on or prior to the Effective Date;

"Share Purchase Agreement" shall mean the agreement amongst REC Power Development and Consultancy Limited, Sakoli Power Transmission Limited and the Successful Bidder for the purchase of one hundred (100%) per cent of the shareholding of the Sakoli Power Transmission Limited for the Acquisition Price, by the Successful Bidder on the terms and conditions as contained therein;

"Site" in relation to a substation, switching station or HVDC terminal or inverter station, shall mean the land and other places upon which such station / terminal is to be established;

"SLDC" shall mean the State Load Despatch Centre established as per sub-section (1) of Section 31 of the Electricity Act 2003;

"State Commission" or **"MERC"** shall mean the Maharashtra Electricity Regulatory Commission referred to in sub-section (1) of section 82 of the Electricity Act, 2003 or its successors and assigns;

"State Government" shall mean the Government of Maharashtra;

"STU" or **"State Transmission Utility"** shall be the Board or the Government company, specified as such by the State Government under sub-section (1) of Section 39 of the Electricity Act 2003;

"Successful Bidder" or **"Selected Bidder"** shall mean the Bidder selected pursuant to the RFP and who has to acquire one hundred percent (100%) equity shares of Sakoli Power Transmission Limited, along with all its related assets and liabilities, which will be responsible as the TSP to establish the Project on build, own, operate and transfer basis as per the terms of the TSA and other RFP Project Documents;

"TSP's Preliminary Notice" shall mean a notice issued by the TSP in pursuant to the provisions of Article 13.3 of this Agreement;

"Target Availability" shall have the meaning as ascribed hereto in Article 8.2 of this Agreement;

"Technically Evaluated Entity" shall mean the company which has been evaluated for the satisfaction of the technical requirement set forth in RFP;

"Termination Notice" shall mean a Nodal Agency's Termination Notice given by the Nodal Agency to the TSP pursuant to the provisions of Articles 3.3.2, 3.3.4, 4.4.2, 5.8, 13.2 and 13.3 of this Agreement for the termination of this Agreement;

"Term of Agreement" for the purposes of this Agreement shall have the meaning ascribed thereto in Article 2.2 of this Agreement;

"Transmission Charges" shall mean the Final Offer of the Selected Bidder during the e-reverse bidding and adopted by the State Commission, payable to the TSP as per MERC MYT Regulations;

"Transmission License" shall mean the license granted by the State Commission in terms of the relevant regulations for grant of such license issued under the Electricity Act;

"Transmission Service" shall mean making the Project available as per the terms and conditions of this Agreement;

"Unscheduled Outage" shall mean an interruption resulting in reduction of the Availability of the Element(s) / Project (as the case may be) that is not a result of a Scheduled Outage or a Force Majeure Event.

"Ultimate Parent Company" shall mean an entity which owns at least twenty six percent (26%) equity in the Bidding Company or Member of a Consortium, (as the case may be) and in the Technically Evaluated Entity and / or Financially Evaluated Entity (as the case may be) and such Bidding Company or Member of a Consortium, (as the case may be) and the Technically Evaluated Entity and / or Financially Evaluated Entity (as

the case may be) shall be under the direct control or indirectly under the common control of such entity;

1.2 **Interpretation:**

Save where the contrary is indicated, any reference in this Agreement to:

"Agreement" shall be construed as including a reference to its Schedules, Appendices and Annexures;

"Rupee", **"Rupees"** and **"Rs."** shall denote lawful currency of India;

"crore" shall mean a reference to ten million (10,000,000) and a **"lakh"** shall mean a reference to one tenth of a million (1,00,000);

"encumbrance" shall be construed as a reference to a mortgage, charge, pledge, lien or other encumbrance securing any obligation of any person or any other type of preferential arrangement (including, without limitation, title transfer and retention arrangements) having a similar effect;

"holding company" of a company or corporation shall be construed as a reference to any company or corporation of which the other company or corporation is a subsidiary;

"indebtedness" shall be construed so as to include any obligation (whether incurred as principal or surety) for the payment or repayment of money, whether present or future, actual or contingent;

"person" shall have the meaning as defined in Section 2 (49) of the Act;

"subsidiary" of a company or corporation (the holding company) shall be construed as a reference to any company or corporation:

(i) which is controlled, directly or indirectly, by the holding company, or

(ii) more than half of the issued share capital of which is beneficially owned, directly or indirectly, by the holding company, or

(iii) which is a subsidiary of another subsidiary of the holding company,

for these purposes, a company or corporation shall be treated as being controlled by another if that other company or corporation is able to direct its affairs and/or to control the composition of its board of directors or equivalent body;

"winding-up", **"dissolution"**, **"insolvency"**, or **"reorganization"** in the context of a company or corporation shall have the same meaning as defined in the Companies Act, 1956/ Companies Act, 2013 (as the case may be).

1.2.1 Words importing the singular shall include the plural and vice versa.

1.2.2 This Agreement itself or any other agreement or document shall be construed as a reference to this or to such other agreement or document as it may have been, or may from time to time be, amended, varied, novated, replaced or supplemented.

1.2.3 A Law shall be construed as a reference to such Law including its amendments or re-enactments from time to time.

1.2.4 A time of day shall, save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.

1.2.5 Different parts of this Agreement are to be taken as mutually explanatory and supplementary to each other and if there is any inconsistency between or among the parts of this Agreement, they shall be interpreted in a harmonious manner so as to give effect to each part.

1.2.6 The tables of contents and any headings or sub-headings in this Agreement have been inserted for ease of reference only and shall not affect the interpretation of this Agreement.

1.2.7 All interest payable under this Agreement shall accrue from day to day and be calculated on the basis of a year of three hundred and sixty five (365) days.

1.2.8 The words "hereof" or "herein", if and when used in this Agreement shall mean a reference to this Agreement.

1.2.9 The contents of Schedule 7 shall be referred to for ascertaining accuracy and correctness of the representations made by the Selected Bidder in Article 17.2.1 hereof.

ARTICLE: 2

2 EFFECTIVENESS AND TERM OF AGREEMENT

2.1 Effective Date:

This Agreement shall be effective from later of the dates of the following events:

a. The Selected Bidder, on behalf of the TSP, has provided the Contract Performance Guarantee, as per terms of Article 3.1 of this Agreement; and

b. The Selected Bidder has acquired for the Acquisition Price, one hundred percent (100%) of the equity shareholding of REC Power Development and Consultancy Limited in Sakoli Power Transmission Limited along with all its related assets and liabilities as per the provisions of the Share Purchase Agreement. and

c. The Agreement is executed and delivered by the Parties;

2.2 Term and Termination:

2.2.1 Subject to Article 2.2.3 and Article 2.4, this Agreement shall continue to be effective in relation to the Project until the Expiry Date, when it shall automatically terminate.

2.2.2 Post the Expiry Date of this Agreement, the TSP shall ensure transfer of Project Assets to STU or its successors or an agency as decided by the State Government at zero cost and free from any encumbrance and liability. The transfer shall be completed within 90 days of expiry of this Agreement failing which STU or its successors or an agency as decided by the Government of Maharashtra shall be entitled to take over the Project Assets Suo moto.

2.2.3 This Agreement shall terminate before the Expiry Date in accordance with Article 13 or Article 3.3.2 or Article 3.3.4.

2.3 Conditions prior to the expiry of the Transmission License

2.3.1 In order to continue the Project beyond the expiry of the Transmission License, the TSP shall be obligated to make an application to the State Commission at least two (2) years before the date of expiry of the Transmission License, seeking the State Commission's approval for the extension of the term of the Transmission License up to the Expiry Date.

2.3.2 The TSP shall timely comply with all the requirements that may be laid down by the State Commission for extension of the term of the Transmission License beyond the initial term of twenty-five (25) years & upto the Expiry Date and the TSP shall keep the Nodal Agency fully informed about the progress on its application for extension of the term of the Transmission License.

2.4 Survival:

The expiry or termination of this Agreement shall not affect any accrued rights, obligations/ roles and liabilities of the Parties under this Agreement, including the right to receive liquidated damages as per the terms of this Agreement, nor shall it effect the survival of any continuing obligations/ roles for which this Agreement provides, either expressly or by necessary implication, which are to survive after the Expiry Date or termination including those under Articles 3.3.3, 3.3.5, Article 9.3 (Application of Insurance Proceeds), Article 11 (Force Majeure), Article 13 (Events of Default and Termination), Article 14 (Liability & Indemnification), Article 16 (Governing Law & Dispute Resolution), Article 19 (Miscellaneous).

2.5 Applicability of the provisions of this Agreement

2.5.1 For the purpose of Availability, Target Availability and the computation of Availability, Incentive, Penalty, the provisions provided in this Agreement shall apply and any future modifications in the relevant Rules and Regulations shall not be applicable for this Project.

2.5.2 For the purposes of this Agreement for Intra-State transmission systems developed under the tariff based competitive bidding framework, the provisions relating to the definitions (Availability and COD), Article 3 (Contract Performance Guarantee and Conditions Subsequent), Article 5 (Construction of the Project), Article 6 (Connection and Commissioning of the Project), Article 8 (Target Availability and calculation of Availability), Article 11 (Force Majeure), Article 12 (Change in Law), Article 13 (Event of Default), Article 14 (Indemnification), Article 15 (Assignment and Charges), Articles 16.1, 16.2 and 16.4 (Governing Laws and Dispute Resolution) and Article 17 (representation and warranties of the Licensee) of this agreement shall supersede the corresponding provisions of MERC MYT Regulations.

ARTICLE: 3

3 CONDITIONS SUBSEQUENT

3.1 Satisfaction of conditions subsequent by the TSP

3.1.1 Within ten (10) days from the date of issue of Letter of Intent, the Selected Bidder, shall:

a. Provide the Contract Performance Guarantee, and

b. Acquire, for the Acquisition Price, one hundred percent (100%) equity shareholding of Sakoli Power Transmission Limited from REC Power Development and Consultancy Limited, who shall sell to the Selected Bidder, the equity shareholding of Sakoli Power Transmission Limited, along with all its related assets and liabilities.

c. Execute this Agreement;

The TSP shall, within five (5) working days from the date of acquisition of SPV by the Selected Bidder, undertake to apply to the State Commission for the grant of Transmission License and for the adoption of tariff as required under section-63 of the Electricity Act.

The Selected Bidder, on behalf of the TSP, will provide to the Maharashtra State Transmission Utility (STU) (being the Nodal Agency) the Contract Performance Guarantee for an amount of Rs. 16.70 Crores (Rupees Sixteen Crore and Seventy Lakh Only).

3.1.2 The Contract Performance Guarantee shall be initially valid for a period up to three (3) months after the Scheduled COD of the Project and shall be extended from time to time to be valid for a period up to three (3) months after the COD of the Project. In case the validity of the Contract Performance Guarantee is expiring before the validity specified in this Article, the TSP shall, at least thirty (30) days before the expiry of the Contract Performance Guarantee, replace the Contract Performance Guarantee with another Contract Performance Guarantee or extend the validity of the existing Contract Performance Guarantee until the validity period specified in this Article.

3.1.3 The TSP agrees and undertakes to duly perform and complete the following activities within six (6) months from the Effective Date (except for c) below), unless such completion is affected due to any Force Majeure Event, or if any of the activities is specifically waived in writing by the Nodal Agency;

a. To obtain the Transmission License for the Project from the State

Commission;

b. To obtain the order for adoption of Transmission Charges by the State Commission, as required under Section 63 of the Electricity Act 2003;

c. To submit to the Nodal Agency & Independent Engineer, the Project Execution Plan, immediately after award of contract(s) and maximum within one hundred and twenty (120) days from the Effective Date. Also, an approved copy each of Manufacturing Quality Plan (MQP) and Field Quality Plan (FQP) would be submitted to Independent Engineer & Nodal Agency in the same time period. The TSP's Project Execution Plan should be in conformity with the Scheduled COD as specified in Schedule 2 of this Agreement, and shall bring out clearly the organization structure, time plan and methodology for executing the Project, award of major contracts, designing, engineering, procurement, shipping, construction, testing and commissioning to commercial operation;

d. To submit to the Nodal Agency & Independent Engineer a detailed bar (GANTT) chart of the Project outlining each activity (taking longer than one Month), linkages as well as durations;

e. To submit to the Nodal Agency & Independent Engineer detailed specifications of conductor meeting the functional specifications specified in RFP;

f. To achieve Financial Closure;

g. To provide an irrevocable letter to the Lenders duly accepting and acknowledging the rights provided to the Lenders under the provisions of Article 15.3 of this Agreement and all other RFP Project Documents; and

h. To award the Engineering, Procurement and Construction contract ("EPC contract") for the design and construction of the Project and shall have given to such Contractor an irrevocable notice to proceed.

i. To sign the Agreement(s) required, if any, under MERC MYT Regulations.

3.2 Recognition of Lenders' Rights by the Nodal Agency

3.2.1 The Nodal Agency hereby accepts and acknowledges the rights provided to the Lenders as per Article 15.3 of this Agreement and all other RFP Project Documents.

3.3 Consequences of non-fulfilment of conditions subsequent

3.3.1 If any of the conditions specified in Article 3.1.3 is not duly fulfilled by the TSP even within three (3) Months after the time specified therein, then on and from the expiry of such period and until the TSP has satisfied all the conditions specified in Article 3.1.3, the TSP shall, on a monthly basis, be liable to furnish to Maharashtra State Transmission Utility (STU) (being the Nodal Agency), additional Contract Performance Guarantee of Rupees One Crore and Sixty-Seven Lakh (Rs. 1.67 Crore Only) within two (2) Business Days of expiry of every such Month. Such additional Contract Performance Guarantee shall be provided to Maharashtra State Transmission Utility (STU) (being the Nodal Agency) in the manner provided in Article 3.1.1 and shall become part of the Contract Performance Guarantee and all the provisions of this Agreement shall be construed accordingly. Maharashtra State Transmission Utility (STU) (being the Nodal Agency) shall be entitled to hold and / or invoke the Contract Performance Guarantee, including such additional Contract Performance Guarantee, in accordance with the provisions of this Agreement.

3.3.2 Subject to Article 3.3.4, if:

(i) the fulfilment of any of the conditions specified in Article 3.1.3 is delayed beyond nine (9) Months from the Effective Date and the TSP fails to furnish additional Contract Performance Guarantee to the Nodal Agency in accordance with Article 3.3.1 hereof; or

(ii) the TSP furnishes additional Performance Guarantee to the Nodal Agency in accordance with Article 3.3.1 hereof but fails to fulfil the conditions specified in Article 3.1.3 within a period of twelve (12) months from the Effective Date,

the Nodal Agency shall have the right to terminate this Agreement, by giving a Termination Notice to the TSP, in writing, of at least seven (7) days, with a copy to the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of this Agreement.

3.3.3 If the Nodal Agency elects to terminate this Agreement as per the provisions of Article 3.3.2, the TSP shall be liable to pay to the Nodal Agency an amount of Rupees 16.70 Crores (Rupees Sixteen Crore and Seventy Lakh Only) only as liquidated damages. The Nodal Agency shall be entitled to recover this amount of damages by invoking the Contract Performance Guarantee to the extent of liquidated damages, which shall be required by the Nodal Agency, and the balance shall be returned to TSP, if any.

It is clarified for removal of doubt that this Article shall survive the termination of this Agreement.

3.3.4 In case of inability of the TSP to fulfil the conditions specified in Article 3.1.3 due to any Force Majeure Event, the time period for fulfilment of the condition subsequent as mentioned in Article 3.1.3, may be extended for a period of such Force Majeure Event. Alternatively, if deemed necessary, this Agreement may be terminated by the Nodal Agency by giving a Termination Notice to the TSP, in writing, of at least seven (7) days, with a copy to the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of this Agreement and the Contract Performance Guarantee shall be returned as per the provisions of Article 6.5.1.

Provided, that due to the provisions of this Article 3.3.4, any increase in the time period for completion of conditions subsequent mentioned under Article 3.1.3, shall lead to an equal increase in the time period for the Scheduled COD. If the Scheduled COD is extended beyond a period of one hundred eighty (180) days due to the provisions of this Article 3.3.4, the TSP will be allowed to recover the interest cost during construction corresponding to the period exceeding one hundred eighty (180) days by adjustment in the Transmission Charges in accordance with Schedule 9.

3.3.5 Upon termination of this Agreement as per Articles 3.3.2 and 3.3.4, the Nodal Agency may take steps to bid out the Project again.

3.3.6 The Nodal Agency, on the failure of the TSP to fulfil its obligations, if it considers that there are sufficient grounds for so doing, apart from invoking the Contract Performance Guarantee under para 3.3.3 may also initiate proceedings for blacklisting the TSP as per provisions of Article 13.2 of TSA.

3.4 Progress Reports

The TSP shall notify the Nodal Agency in writing at least once a Month on the progress made in satisfying the conditions subsequent in Articles 3.1.3.

ARTICLE: 4

4 DEVELOPMENT OF THE PROJECT

4.1 TSP's obligations in development of the Project:

Subject to the terms and conditions of this Agreement, the TSP at its own cost and expense shall observe, comply with, perform, undertake and be responsible:

a. for procuring and maintaining in full force and effect all Consents, Clearances and Permits, required in accordance with Law for development of the Project;

b. for financing, constructing, owning and commissioning each of the Element of the Project for the scope of work set out in Schedule 1 of this Agreement in accordance with:

i. the Electricity Act and the Rules made thereof;

ii. the Grid Code;

iii. the CEA Regulations applicable, and as amended from time to time, for Transmission Lines and sub-stations:

- the Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007;
- Central Electricity Authority (Technical Standards for construction of Electrical Plants and Electric Lines) Regulation, 2010;
- Central Electricity Authority (Grid Standard) Regulations, 2010;
- Central Electricity Authority (Safety requirements for construction, operation and maintenance of Electrical Plants and Electrical Lines) Regulation, 2011;
- Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulation, 2010;
- Central Electricity Authority (Technical Standards for Communication System in Power System Operation) Regulations, 2020.

iv. Safety/ security Guidelines laid down by the Central Government and State Government;

v. Prudent Utility Practices, relevant Indian Standards and the Law;

not later than the Scheduled COD as per Schedule 2 of this Agreement;

c. for entering into a Connection Agreement with the concerned parties in accordance with the Grid Code.

d. for owning the Project throughout the term of this Agreement free and clear of any encumbrances except those expressly permitted under Article 15 of this Agreement;

e. to co-ordinate and liaise with concerned agencies and provide on a timely basis relevant information with regard to the specifications of the Project that may be required for interconnecting the Project with the Interconnection Facilities;

f. for providing all assistance to the Arbitrators as they may require for the performance of their duties and responsibilities;

g. to provide to the Nodal Agency, on a monthly basis, progress reports with regard to the Project and its execution (in accordance with prescribed form) to enable the Nodal Agency to monitor and co-ordinate the development of the Project matching with the Interconnection Facilities;

h. to comply with Ministry of Power order no. 25-11/6/2018 – PG dated 02.07.2020 as well as other Guidelines issued by Govt. of India pertaining to this;

i. to procure the products associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. A-1/2021- FSC- Part(5) dated 16.11.2021 and No.: P45021/2/2017-PP (BEII)-Part-4 Vol.II dated 19.07.2024 issued by Ministry of Power for transmission sector, as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard (Procuring Entity as defined in above orders shall deemed to have included Selected Bidder and/ or TSP).

Also, to comply with Department of Expenditure, Ministry of Finance vide Order (Public Procurement No 1) bearing File No. 6/18/2019-PPD dated 23.07.2020, Order (Public Procurement No 2) bearing File No. 6/18/2019-PPD dated 23.07.2020 and Order (Public Procurement No. 3) bearing File No. 6/18/2019-PPD, dated 24.07.2020, Office Memorandum (OM) No. F.18/37/2020-PPD dated 08.02.2021, OM No. F.12/1/2021- PPD(Pt.) dated 02.03.2021, OM No. F.7/10/2021-PPD dated 08.06.2021 and Order (Public Procurement No 4) bearing File No. F.7/10/2021- PPD dated 23.02.2023 as amended from time to time, regarding public procurement from a bidder of a country, which shares land border with India;

j. to submit to Nodal Agency information in the prescribed format [To be devised by Nodal Agency] for ensuring compliance to Article 4.1 i) above.

k. to comply with all its obligations undertaken in this Agreement.

4.2 Roles of the Nodal Agency in implementation of the Project:

4.2.1 Subject to the terms and conditions of this Agreement, the Nodal Agency shall be the holder and administrator of this Agreement and shall inter alia:

a. appoint an Independent Engineer within 90 days of the Effective Date

b. provide letters of recommendation to the concerned Indian Governmental Instrumentality, as may be requested by the TSP from time to time, for obtaining the Consents, Clearances and Permits required for the Project;

c. coordinate among TSP and upstream/downstream entities in respect of Interconnection Facilities; and

d. monitor the implementation of the Agreement and take appropriate action for breach thereof including revocation of guarantees, cancellation of Agreement, blacklisting etc

e. provide all assistance to the Arbitrators as required for the performance of their duties and responsibilities; and

f. perform any other responsibility (ies) as specified in this Agreement.

4.3 Time for Commencement and Completion:

a. The TSP shall take all necessary steps to commence work on the Project from the Effective Date of the Agreement and shall achieve Scheduled COD of the Project in accordance with the time schedule specified in Schedule 2 of this Agreement;

b. The COD of each Element of the Project shall occur no later than the Scheduled COD or within such extended time to which the TSP shall be entitled under Article 4.4 hereto.

4.4 Extension of time:

4.4.1 In the event that the TSP is unable to perform its obligations for the reasons solely attributable to the Nodal Agency, the Scheduled COD shall be extended, by a 'day to day' basis, subject to the provisions of Article 13.

4.4.2 In the event that an Element or the Project cannot be commissioned by its Scheduled COD on account of any Force Majeure Event as per Article11, the Scheduled COD shall be extended, by a 'day to day' basis for a period of such Force Majeure Event. Alternatively, if deemed necessary, the Nodal Agency may terminate the Agreement as per the provisions of Article 13.4 by giving a Termination Notice to the TSP, in writing, of at least seven (7) days, with a copy the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of this Agreement.

4.4.3 If the Parties have not agreed, within thirty (30) days after the affected Party's performance has ceased to be affected by the relevant circumstance, on how long the Scheduled COD should be deferred by, any Party may raise the Dispute to be resolved in accordance with Article 16.

4.5 Metering Arrangements:

4.5.1 The TSP shall comply with all the provisions of the IEGC/Grid Code and the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended from time to time, with regard to the metering arrangements for the Project. The TSP shall fully cooperate with the CTU / STU / RLDC /SLDC and extend all necessary assistance in taking meter readings.

4.6 Interconnection Facilities:

4.6.1 Subject to the terms and conditions of this Agreement, the TSP shall be responsible for connecting the Project with the interconnection point(s) specified in Schedule 1 of this Agreement. The Interconnection Facilities shall be developed as per the scope of work and responsibilities assigned in Schedule 1 of this Agreement. The Nodal Agency shall be responsible for coordinating to make available the Interconnection Facilities.

4.6.2 In order to remove any doubts, it is made clear that the obligation of the TSP within the scope of the project is to construct the Project as per Schedule-1 of this Agreement and in particular to connect it to the Interconnection Facilities as specified in this Agreement.

ARTICLE: 5

5 CONSTRUCTION OF THE PROJECT

5.1 TSP's Construction Responsibilities:

5.1.1 The TSP, at its own cost and expense, shall be responsible for designing, constructing, erecting, testing and commissioning each Element of the Project by the Scheduled COD in accordance with the Regulations and other applicable Laws specified in Article 4.1 of this Agreement.

5.1.2 The TSP acknowledges and agrees that it shall not be relieved from any of its obligations under this Agreement or be entitled to any extension of time or any compensation whatsoever by reason of the unsuitability of the Site or Transmission Line route(s).

5.1.3 The TSP shall be responsible for obtaining all Consents, Clearances and Permits related but not limited to road / rail / river / canal / power line / crossings, Power and Telecom Coordination Committee (PTCC), defence, civil aviation, right of way / way-leaves and environmental & forest clearances from relevant authorities required for developing, financing, constructing, maintaining/ renewing all such Consents, Clearances and Permits in order to carry out its obligations under this Agreement in general and shall furnish to the Nodal Agency such copy/ies of each Consents, Clearances and Permits, on demand. Nodal Agency shall provide letters of recommendation to the concerned Indian Governmental Instrumentality, as may be requested by the TSP from time to time, for obtaining the Consents, Clearances and Permits required for the Project.

5.1.4 The TSP shall be responsible for:

(a) acquisition of land for location specific substations, switching stations or HVDC terminal or inverter stations. Also, the actual location of Greenfield substations (Switching Stations or HVDC Terminal or Inverter Stations) for a generation pooling substation and for load serving substations in the scope of TSP:

- For a Generation Pooling Substation shall not be beyond 3 Km radius of the location proposed by the BPC in their Survey Report.

- For Load Serving Substation within the scope of TSP shall not be beyond 5 Km radius of the location proposed by the BPC in their Survey Report.
- For an Intermediate Substation shall not be beyond 10 Km radius of the location proposed by the BPC in their Survey Report.

(b) final selection of Site including its geo-technical investigation.

(c) survey and geo-technical investigation of line route in order to determine the final route of the Transmission Lines;

(d) seeking access to the Site and other places where the Project is being executed, at its own risk and costs, including payment of any crop, tree compensation or any other compensation as may be required.

5.1.5 In case the Project involves any resettlement and rehabilitation, the resettlement and rehabilitation package will be implemented by the State Government authorities, for which the costs is to be borne by the TSP and no changes would be allowed in the Transmission Charges on account of any variation in the resettlement and rehabilitation cost. The TSP shall provide assistance on best endeavour basis, in implementation of the resettlement and rehabilitation package, if execution of such package is in the interest of expeditious implementation of the Project and is beneficial to the Project affected persons.

5.2 Appointing Contractors:

5.2.1 The TSP shall conform to the requirements as provided in this Agreement while appointing Contractor(s) for procurement of goods & services.

5.2.2 The appointment of such Contractor(s) shall neither relieve the TSP of any of its obligations under this Agreement nor make the Nodal Agency liable for the performance of such Contractor(s).

5.3 Monthly Progress Reporting:

The TSP shall provide to the Nodal Agency & Independent Engineer, on a monthly basis, progress reports along with likely completion date of each Element with regard to the Project and its execution (in accordance with prescribed form). The Nodal Agency shall monitor the development of the Project for its timely completion for improving and augmenting the electricity system as a part of its statutory responsibility.

5.4 Quality of Workmanship:

The TSP shall ensure that the Project is designed, built and completed in a good workmanship using sound engineering and construction practices, and using only materials and equipment that are new and manufactured as per the MQP and following approved FQP for erection, testing & commissioning and complying with Indian /International Standards such that, the useful life of the Project will be at least thirty five (35) years from the COD of the Project.

The TSP shall ensure that all major substation equipment / component (e.g. transformers, reactors, Circuit Breakers, Instrument Transformers (IT), Surge Arresters (SA), Protection relays, clamps & connectors etc.), equipment in terminal stations of HVDC installations including Thyristor/ IGBT valves, Converter Transformers, smoothing reactors, Transformer bushings and wall bushings, GIS bus ducts, towers and gantry structures and transmission towers or poles and line materials (conductors, earthwire, OPGW, insulator, accessories for conductors, OPGW & earthwires, hardware fittings for insulators, aviation lights etc), facilities and system shall be designed, constructed and tested (Type test, Routine tests, Factory Acceptance Test (FAT)) in accordance with relevant CEA Regulations and Indian Standards. In case Indian Standards for any particular equipment/ system/ process is not available, IEC/ IEEE or equivalent International Standards and Codes shall be followed.

5.5 Progress Monitoring & Quality Assurance:

5.5.1 The Project Execution Plan submitted by the TSP in accordance with Article 3.1.3 c) shall comprise of detailed schedule of all the equipments/items /materials required for the Project, right from procurement of raw material till the dispatch from works and receipt at the site. Further, it should also include various stages of the construction schedule up to the commissioning of the Project.

5.5.2 Nodal Agency & Independent Engineer shall have access at all reasonable times to the Site and to the Manufacturer's works and to all such places where the Project is being executed.

5.5.3 Independent Engineer shall ensure conformity of the conductor specifications with the functional specifications specified in RFP.

5.5.4 The Independent Engineer shall monitor the following during construction of the Project:

a) Quality of equipments, material, foundation, structures and workmanship etc. as laid down in Article 5.4 and 6.1.4 of the TSA. Specifically, quality

of Sub-station equipments, transmission line material and workmanship etc. would be checked in accordance with the Article 5.4.

b) Progress in the activities specified in Condition Subsequent

c) Verification of readiness of the elements including the statutory clearances & completion of civil works, fixing of all components and finalisation of punch points (if any) prior to charging of the elements

d) Progress of construction of substation and Transmission Lines

5.5.5 The progress shall be reviewed by the Independent Engineer against the Project Execution Plan. The Independent Engineer shall prepare its report on monthly basis and submit the same to Nodal Agency highlighting the progress achieved till the end of respective month vis-à-vis milestone activities, areas of concern, if any, which may result in delay in the timely completion of the Project. Based on the progress, Nodal Agency shall issue written instructions to the TSP to take corrective measures, as may be prudent for the timely completion of the Project. In case of any deficiency, the Nodal Agency would be at liberty to take action in accordance with the procedure of this Agreement.

5.5.6 For any delay in commissioning any critical Element(s), as identified in Schedule 1 & Schedule 2 of this Agreement, beyond a period of 45 days shall lead to a sequestration of 10% of the Contract Performance Guarantee.

5.6 Site regulations and Construction Documents

The TSP shall abide by the Safety Rules and Procedures as mentioned in Schedule 3 of this Agreement

The TSP shall retain at the Site and make available for inspection at all reasonable times, copies of the Consents, Clearances and Permits, construction drawings and other documents related to construction.

5.7 Supervision of work:

The TSP shall provide all necessary superintendence for execution of the Project and its supervisory personnel shall be available to provide full-time superintendence for execution of the Project. The TSP shall provide skilled personnel who are experienced in their respective fields.

5.8 Remedial Measures:

The TSP shall take all necessary actions for remedying the shortfall in achievement of timely progress in execution of the Project, if any, as intimated by the Independent Engineer and/ or Nodal Agency. However,

such intimation by the Independent Engineer and/ or Nodal Agency and the subsequent effect of such remedial measures carried out by the TSP shall not relieve the TSP of its obligations in the Agreement. Independent Engineer and/ or Nodal Agency may carry out random inspections during the Project execution, as and when deemed necessary by it. If the shortfalls as intimated to the TSP are not remedied to the satisfaction of the Nodal Agency this Agreement may be terminated by the Nodal Agency by giving a Termination Notice to the TSP, in writing, of at least seven (7) days, with a copy to the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of this Agreement.

ARTICLE: 6

6 CONNECTION AND COMMISSIONING OF THE PROJECT

6.1 Connection with the Inter-Connection Facilities:

6.1.1 The TSP shall give the RLDC(s), /SLDC, CTU, / STU, as the case may be, and any other agencies as required, at least sixty (60) days advance written notice of the date on which it intends to connect an Element of the Project, which date shall not be earlier than its Scheduled COD or Schedule COD extended as per Article 4.4.1 & 4.4.2 of this Agreement, unless mutually agreed to by Parties. Further, any preponing of COD of any element prior to Scheduled COD must be approved by the Nodal Agency.

6.1.2 The RLDC / SLDC (as the case may be) or the CTU / STU (as the case may be), for reasonable cause, including non-availability of Interconnection Facilities as per Article 4.2, can defer the connection for up to fifteen (15) days from the date notified by the TSP pursuant to Article 6.1.1, if it notifies to the TSP in writing, before the date of connection, of the reason for the deferral and when the connection is to be rescheduled. However, no such deferment on one or more occasions would be for more than an aggregate period of thirty (30) days. Further, the Scheduled COD would be extended as required, for all such deferments on "day to day" basis.

6.1.3 Subject to Articles 6.1.1 and 6.1.2, any Element of Project may be connected with the Interconnection Facilities when:

a. it has been completed in accordance with this Agreement and the Connection Agreement;

b. it meets the Grid Code, Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007 as amended from time to time and all other Indian legal requirements, and

c. The TSP has obtained the approval in writing of the Electrical Inspector certifying that the Element is ready from the point of view of safety of supply and can be connected with the Interconnection Facilities.

d. It has satisfactorily met all the testing requirements as per Articles 6.1.4

6.1.4 Site Acceptance Test (SAT)/ pre-commissioning tests of all major substation equipment, component, system, facilities shall be successfully

carried out before commissioning. The Type tests, FAT and SAT reports should be available at the substation / terminal station of HVDC installations for ready reference of operation and maintenance staff and has to be made available to the Independent Engineer appointed for quality monitoring or their authorised representatives, as and when they wish to examine the same.

6.2 Commercial Operation:

6.2.1 An Element of the Project shall be declared to have achieved COD twenty four (24) hours following the connection of the Element with the Interconnection Facilities pursuant to Article 6.1 or seven (7) days after the date on which it is declared by the TSP to be ready for charging but is not able to be charged for reasons not attributable to the TSP subject to Article 6.1.2.

Provided that an Element shall be declared to have achieved COD only after all the Element(s), if any, which are pre-required to have achieved COD as defined in Schedule 2 of this Agreement, have been declared to have achieved their respective COD.

6.2.2 Once any Element of the Project has been declared to have achieved deemed COD as per Article 6.2.1 above, such Element of the Project shall be deemed to have Availability equal to the Target Availability till the actual charging of the Element and to this extent, TSP shall be eligible for the Monthly Transmission Charges applicable for such Element

6.3 Compensation for Direct Non Natural Force Majeure Event or Indirect Non Natural Force Majeure Event or Natural Force Majeure Event (affecting the Nodal Agency)

6.3.1 If the TSP is otherwise ready to connect the Element(s) of the Project and has given due notice, as per provisions of Article 6.1.1, to the concerned agencies of the date of intention to connect the Element(s) of the Project, where such date is not before the Scheduled COD, but is not able to connect the Element(s) of the Project by the said date specified in the notice, due to Direct Non Natural Force Majeure Event or Indirect Non Natural Force Majeure Event or Natural Force Majeure Event affecting the Nodal Agency provided such Direct Non Natural Force Majeure Event or Indirect Non Natural Force Majeure Event or Natural Force Majeure Event affecting the Nodal Agency has continued for a period of more than three (3) continuous or non-continuous Months, the TSP shall, until the effects of the Direct Non Natural Force Majeure Event or of Indirect Non Natural Force Majeure Event or Natural Force

Majeure Event affecting the Nodal Agency no longer prevent the TSP from connecting the Element(s) of the Project, be deemed to have achieved COD relevant to that date and to this extent, be deemed to have been providing Transmission Service with effect from the date notified, and shall be treated as follows:

a. In case of delay due to Direct Non Natural Force Majeure Event, TSP is entitled for Transmission Charges calculated on Target Availability for the period of such events in excess of three (3) continuous or non continuous Months in the manner provided in (c) below.

b. In case of delay due to Indirect Non Natural Force Majeure Event or Natural Force Majeure Event affecting the Nodal Agency, TSP is entitled for payment for debt service which is due under the Financing Agreements, subject to a maximum of Transmission Charges calculated on Target Availability, for the period of such events in excess of three (3) continuous or non continuous Months in the manner provided in (c) below.

c. In case of delay due to Direct Non Natural Force Majeure Event or Indirect Non Natural Force Majeure Event or Natural Force Majeure Event affecting the Nodal Agency, the TSP is entitled for payments mentioned in (a) and (b) above, after commencement of Transmission Service, in the form of an increase in Transmission Charges. These amounts shall be paid from the date, being the later of a) the date of cessation of such Indirect Non Natural Force Majeure Event or Natural Force Majeure Event affecting the Nodal Agency and b) the completion of sixty (60) days from the receipt of the Financing Agreements by the Nodal Agency from the TSP.

Provided such increase in Transmission Charges shall be so as to put the TSP in the same economic position as the TSP would have been in case the TSP had been paid amounts mentioned in (a) and (b) above in a situation where the Force Majeure Event had not occurred.

For the avoidance of doubt, it is clarified that the charges payable under this Article 6.3.1 shall be recovered as per MERC MYT Regulations.

6.4 Liquidated Damages for Delay in achieving COD of Project:

6.4.1 If the TSP fails to achieve COD of any Element of the Project or the

Project, by the Element's / Project's Scheduled COD or such Scheduled COD as extended under Articles 4.4.1 and 4.4.3, then the TSP shall pay to the Nodal Agency, a sum equivalent to 3.33% of Monthly Transmission Charges applicable for the Element of the Project [in case where no Elements have been defined, to be on the Project as a whole] / Project, for each day of delay up to sixty (60) days of delay and beyond that time limit, at the rate of five percent (5%) of the Monthly Transmission Charges applicable to such Element / Project, as liquidated damages for such delay and not as penalty, without prejudice to any rights of the Nodal Agency under the Agreement.

6.4.2 The TSP's maximum liability under this Article 6.4 shall be limited to the amount of liquidated damages calculated in accordance with Article 6.4.1 for and up to six (6) months of delay for the Element or the Project.

Provided that, in case of failure of the TSP to achieve COD of the Element of the Project even after the expiry of six (6) months from its Scheduled COD, the provisions of Article 13 shall apply.

6.4.3 The TSP shall make payment to the Nodal Agency of the liquidated damages calculated pursuant to Article 6.4.1 within ten (10) days of the earlier of:

a. the date on which the applicable Element achieves COD; or

b. the date of termination of this Agreement.

The payment of such damages shall not relieve the TSP from its obligations to complete the Project or from any other obligation and liabilities under the Agreement.

6.4.4 If the TSP fails to pay the amount of liquidated damages to the Nodal Agency within the said period of ten (10) days, the Nodal Agency shall be entitled to recover the said amount of the liquidated damages by invoking the Contract Performance Guarantee. If the then existing Contract Performance Guarantee is for an amount which is less than the amount of the liquidated damages payable by the TSP to the Nodal Agency under this Article 6.3 and the TSP fails to make payment of the balance amount of the liquidated damages not covered by the Contract Performance Guarantee, then such balance amount shall be deducted from the Transmission Charges payable to the TSP. The right of the Nodal Agency to encash the Contract Performance Guarantee is without prejudice to the other rights of the Nodal Agency under this Agreement.

6.4.5 For avoidance of doubt, it is clarified that amount payable by TSP under this Article is over and above the penalty payable by TSP under Article

5.5.6 of this Agreement.

6.5 Return of Contract Performance Guarantee

6.5.1 The Contract Performance Guarantee as submitted by TSP in accordance with Article 3.1.1 shall be released by the Nodal Agency within three (3) months from the COD of the Project. In the event of delay in achieving Scheduled COD of any of the Elements by the TSP (otherwise than due to reasons as mentioned in Article 3.1.3 or Article11) and consequent part invocation of the Contract Performance Guarantee by the Nodal Agency, Nodal Agency shall release the Contract Performance Guarantee, if any remaining unadjusted, after the satisfactory completion by the TSP of all the requirements regarding achieving the Scheduled COD of the remaining Elements of the Project. It is clarified that the Nodal Agency shall also return / release the Contract Performance Guarantee in the event of (i) applicability of Article 3.3.2 to the extent the Contract Performance Guarantee is valid for an amount in excess of Rs. 16.70 Crores (Rupees Sixteen Crore and Seventy Lakh Only), or (ii) termination of this Agreement by the Nodal Agency as mentioned under Article 3.3.4 of this Agreement.

6.5.2 The release of the Contract Performance Guarantee shall be without prejudice to other rights of the Nodal Agency under this Agreement.

ARTICLE: 7

7 OPERATION AND MAINTENANCE OF THE PROJECT

7.1 Operation and Maintenance of the Project:

The TSP shall be responsible for ensuring that the Project is operated and maintained in accordance with the regulations made by the State Commission and CEA from time to time and provisions of the Act.

ARTICLE: 8

8 AVAILABILITY OF THE PROJECT

8.1 Calculation of Availability of the Project:

Calculation of Availability for the Elements and for the Project, as the case may be, shall be as per Annexure VI to the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2024, as applicable on the Bid Deadline and as appended in Schedule 6 of this Agreement.

8.2 Target Availability:

The Target Availability of each Element and the Project shall be 98%.

Payment of monthly Transmission charges based on actual availability will be calculated as per para 1.2 of Schedule 4 of this Agreement.

If the availability of any Element or the Project is below the Target Availability, for six consecutive months in a Contract Year, the Nodal Agency may issue a show cause notice to the TSP, asking them to show cause as to why the Transmission Service Agreement be not terminated, and if no satisfactory cause is shown it may terminate the Agreement. If the Nodal Agency is of the opinion that the transmission system is of critical importance, it may carry out or cause to carry the operation and maintenance of transmission system at the risk and cost of TSP.

ARTICLE: 9

9 INSURANCES

9.1 Insurance:

9.1.1 The TSP shall effect and maintain or cause to be effected and maintained during the Construction Period and the Operating Period, adequate Insurances against such risks, with such deductibles including but not limited to any third party liability and endorsements and co-beneficiary/insured, as may be necessary under

a. any of the Financing Agreements,

b. the Laws, and

c. in accordance with Prudent Utility Practices.

The Insurances shall be taken effective from a date prior to the date of the Financial Closure till the Expiry Date.

9.2 Evidence of Insurance cover:

9.2.1 The TSP shall furnish to the Nodal Agency copies of certificates and policies of the Insurances, as and when the Nodal Agency may seek from the TSP as per the terms of Article 9.1

9.3 Application of Insurance Proceeds:

9.3.1 Save as expressly provided in this Agreement, the policies of Insurances and the Financing Agreements, the proceeds of any insurance claim made due to loss or damage to the Project or any part of the Project shall be first applied to reinstatement, replacement or renewal of such loss or damage.

9.3.2 If a Natural Force Majeure Event renders the Project no longer economically and technically viable and the insurers under the Insurances make payment on a "total loss" or equivalent basis, the portion of the proceeds of such Insurance available to the TSP (after making admissible payments to the Lenders as per the Financing Agreements) shall be allocated only to the TSP. Nodal Agency or concerned LTTSUs shall have no claim on such proceeds of the Insurance.

9.3.3 Subject to the requirements of the Lenders under the Financing Agreements, any dispute or difference between the Parties as to whether the Project is no longer economically and technically viable due to a

Force Majeure Event or whether that event was adequately covered in accordance with this Agreement by the Insurances shall be determined in accordance with Article 16.

9.4 Effect on liability of the Nodal Agency/ Long Term Transmission System Users

9.4.1 The Nodal Agency and / or the LTTSUs shall have no financial obligations or liability whatsoever towards the TSP in respect of this Article 9.

ARTICLE: 10

10 BILLING AND PAYMENT OF TRANSMISSION CHARGES

10.1 Subject to provisions of this Article 10, the Monthly Transmission Charges shall be paid to the TSP, in Indian Rupees, on monthly basis as per the provisions of MERC MYT Regulations, from the date on which an Element(s) has achieved COD until the Expiry Date of this Agreement, unless terminated earlier and in line with the provisions of Schedule 4 of this Agreement.

10.2 Calculation of Monthly Transmission Charges:

The Monthly Transmission Charges for each Contract Year including Incentive & Penalty payment shall be calculated in accordance with the provisions of Schedule 4 of this Agreement.

10.3 Rebate & Late Payment Surcharge:

The rebate and late payment surcharge shall be governed as per MERC MYT Regulations.

10.4 Disputed Bills, Default in payment by the Long Term Transmission System Users & Annual Reconciliation:

Any Disputed Bill, Default in payment by the LTTSUs & Annual Reconciliation shall be governed as per MERC MYT Regulations and Transmission Pricing Framework in the State of Maharashtra

ARTICLE: 11

11 FORCE MAJEURE

11.1 Definitions

11.1.1 The following terms shall have the meanings given hereunder.

11.2 Affected Party

11.2.1 An Affected Party means any Party whose performance has been affected by an event of Force Majeure.

11.2.2 Any event of Force Majeure shall be deemed to be an event of Force Majeure affecting the TSP only if the Force Majeure event affects and results in, late delivery of machinery and equipment for the Project or construction, completion, commissioning of the Project by Scheduled COD and/or operation thereafter;

11.3 Force Majeure

A 'Force Majeure' means any event or circumstance or combination of events and circumstances including those stated below that wholly or partly prevents or unavoidably delays an Affected Party in the performance of its obligations/ roles under this Agreement, but only if and to the extent that such events or circumstances are not within the reasonable control, directly or indirectly, of the Affected Party and could not have been avoided if the Affected Party had taken reasonable care or complied with Prudent Utility Practices:

(a) **Natural Force Majeure Events:**

i. act of God, including, but not limited to drought, fire and explosion (to the extent originating from a source external to the Site), earthquake, volcanic eruption, landslide, flood, cyclone, typhoon, tornado, or exceptionally adverse weather conditions, which are in excess of the statistical measures for the last hundred (100) years; and

ii. epidemic/ pandemic notified by Indian Governmental Instrumentality.

(b) **Non-Natural Force Majeure Events :**

i. Direct Non–Natural Force Majeure Events

- Nationalization or compulsory acquisition by any Indian

Governmental Instrumentality of any material assets or rights of the Affected Party; or

- the unlawful, unreasonable or discriminatory revocation of, or refusal to renew, any Consents, Clearances and Permits required by the Affected Party to perform their obligations/ roles under the RFP Project Documents or any unlawful, unreasonable or discriminatory refusal to grant any other Consents, Clearances and Permits required for the development/ operation of the Project, provided that a Competent Court of Law declares the revocation or refusal to be unlawful, unreasonable and discriminatory and strikes the same down; or

- any other unlawful, unreasonable or discriminatory action on the part of an Indian Governmental Instrumentality which is directed against the Project, provided that a Competent Court of Law declares the action to be unlawful, unreasonable and discriminatory and strikes the same down.

ii. Indirect Non - Natural Force Majeure Events

- act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, revolution, riot, insurrection, terrorist or military action; or

- radio active contamination or ionising radiation originating from a source in India or resulting from any other Indirect Non Natural Force Majeure Event mentioned above, excluding circumstances where the source or cause of contamination or radiation is brought or has been brought into or near the Site by the Affected Party or those employed or engaged by the Affected Party; or

- industry-wide strikes and labour disturbances, having a nationwide impact in India.

11.4 Force Majeure Exclusions

11.4.1 Force Majeure shall not include (i) any event or circumstance which is within the reasonable control of the Parties and (ii) the following conditions, except to the extent that they are consequences of an event of Force Majeure:

a) Unavailability, late delivery, or changes in cost of the machinery, equipment, materials, spare parts etc. for the Project;

b) Delay in the performance of any Contractors or their agents;

c) Non-performance resulting from normal wear and tear typically experienced in transmission materials and equipment;

d) Strikes or labour disturbance at the facilities of the Affected Party;

e) Insufficiency of finances or funds or the Agreement becoming onerous to perform; and

f) Non-performance caused by, or connected with, the Affected Party's:

i. negligent or intentional acts, errors or omissions;

ii. failure to comply with an Indian Law; or

iii. breach of, or default under this Agreement or any Project Documents.

g) Any error or omission in the survey report provided by BPC during the bidding process.

11.5 Notification of Force Majeure Event

11.5.1 The Affected Party shall give notice to the other Party of any event of Force Majeure as soon as reasonably practicable, but not later than seven (7) days after the date on which such Party knew or should reasonably have known of the commencement of the event of Force Majeure. If an event of Force Majeure results in a breakdown of communications rendering it unreasonable to give notice within the applicable time limit specified herein, then the Party claiming Force Majeure shall give such notice as soon as reasonably practicable after reinstatement of communications, but not later than one (1) day after such reinstatement.

Provided that, such notice shall be a pre-condition to the Affected Party's entitlement to claim relief under this Agreement. Such notice shall include full particulars of the event of Force Majeure, its effects on the Party claiming relief and the remedial measures proposed. The Affected Party shall give the other Party regular reports on the progress of those remedial measures and such other information as the other Party may reasonably request about the Force Majeure.

11.5.2 The Affected Party shall give notice to the other Party of (i) the cessation of the relevant event of Force Majeure; and (ii) the cessation of the effects of such event of Force Majeure on the

performance of its rights or obligations/ roles under this Agreement, as soon as practicable after becoming aware of each of these cessations.

11.6 Duty to perform and duty to mitigate

To the extent not prevented by a Force Majeure Event, the Affected Party shall continue to perform its obligations/ roles as provided in this Agreement. The Affected Party shall use its reasonable efforts to mitigate the effect of any event of Force Majeure as soon as practicable.

11.7 Available Relief for a Force Majeure Event

Subject to this Article 11,

a) no Party shall be in breach of its obligations/ roles pursuant to this Agreement to the extent that the performance of its obligations/ roles was prevented, hindered or delayed due to a Force Majeure Event;

b) each Party shall be entitled to claim relief for a Force Majeure Event affecting its performance in relation to its obligations/ roles under Articles 3.3.4, 4.4.2 and 6.3.1 of this Agreement.

c) For the avoidance of doubt, it is clarified that the computation of Availability of the Element(s) under outage due to Force Majeure Event, as per Article 11.3 affecting the TSP shall be as per Annexure VI to the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2024 as on Bid Deadline. For the event(s) for which the Element(s) is/are deemed to be available as per Annexure VI to the Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2024, then the Transmission Charges, as applicable to such Element(s), shall be payable as per Schedule 4, for the duration of such event(s).

d) For so long as the TSP is claiming relief due to any Force Majeure Event under this Agreement, the Nodal Agency may, if it so desires, from time to time on one (1) day notice, inspect the Project and the TSP shall provide the Nodal Agency's personnel with access to the Project to carry out such inspections.

e) For avoidance of doubt, the TSP acknowledges that for extension of Scheduled COD a period up to one hundred eighty (180) days

due to Force Majeure event, no compensation on the grounds such as interest cost, incident expenditure, opportunity cost will be made to the TSP. However, if Scheduled COD is extended beyond a period of one hundred eighty (180) days due to Force Majeure event, the TSP will be allowed to recover the interest cost during construction corresponding to the period exceeding one hundred eighty (180) days by adjustment in the Transmission Charges in accordance with Schedule 9.

ARTICLE: 12

12 CHANGE IN LAW

12.1 Change in Law

12.1.1 Change in Law means the occurrence of any of the following after the Bid Deadline resulting into any additional recurring / non-recurring expenditure by the TSP or any savings of the TSP:

- the enactment, coming into effect, adoption, promulgation, amendment, modification or repeal (without re-enactment or consolidation) in India, of any Law, including rules and regulations framed pursuant to such Law, subject to the provisions under Article 12.1.2;
- a change in the interpretation or application of any Law by any Indian Governmental Instrumentality having the legal power to interpret or apply such Law, or any Competent Court of Law;
- the imposition of a requirement for obtaining any Consents, Clearances and Permits which was not required earlier;
- a change in the terms and conditions prescribed for obtaining any Consents, Clearances and Permits or the inclusion of any new terms or conditions for obtaining such Consents, Clearances and Permits;
- any change in the licensing regulations of the State Commission, under which the Transmission License for the Project was granted if made applicable by such State Commission to the TSP;
- change in wind zone; or
- any change in tax or introduction of any tax made applicable for providing Transmission Service by the TSP as per the terms of this Agreement.

12.1.2 Notwithstanding anything contained in this Agreement, Change in Law shall not cover any change:

a) Taxes on corporate income; and

b) Withholding tax on income or dividends distributed to the shareholders of the TSP.

12.2 Relief for Change in Law

12.2.1 During Construction Period, the impact of increase/decrease in the cost of the Project on the Transmission Charges shall be governed by the formula given in Schedule 9 of this Agreement.

12.2.2 During the Operation Period:

During the operation period, if as a result of Change in Law, the TSP suffers or is benefited from a change in costs or revenue, the aggregate financial effect of which exceeds 0.30% (zero point three percent) of the Annual Transmission Charges in aggregate for a Contract Year, the TSP may notify so to the Nodal Agency and propose amendments to this Agreement so as to place the TSP in the same financial position as it would have enjoyed had there been no such Change in Law resulting in change in costs or revenue as aforesaid.

12.2.3 For any claims made under Articles 12.2.1 and 12.2.2 above, the TSP shall provide to the Nodal Agency documentary proof of such increase / decrease in cost of the Project / revenue for establishing the impact of such Change in Law.

In cases where Change in Law results in decrease of cost and it comes to the notice of Nodal Agency that TSP has not informed Nodal Agency about such decrease in cost, Nodal Agency may initiate appropriate claim.

12.3 Notification of Change in Law:

12.3.1 If the TSP is affected by a Change in Law in accordance with Article 12.1 and wishes to claim relief for such Change in Law under this Article 12, it shall give notice to Nodal Agency of such Change in Law as soon as reasonably practicable after becoming aware of the same.

12.3.2 The TSP shall also be obliged to serve a notice to the Nodal Agency even when it is beneficially affected by a Change in Law.

12.3.3 Any notice served pursuant to Articles 12.3.1 and 12.3.2 shall provide, amongst other things, precise details of the Change in Law and its estimated impact on the TSP.

12.4 Payment on account of Change in Law

12.4.1 The payment for Change in Law shall be through a separate Bill. However, in case of any change in Monthly Transmission Charges by reason of Change in Law, as determined in accordance with this

Agreement, the Bills to be raised by the Nodal Agency after such change in Transmission Charges shall appropriately reflect the changed Monthly Transmission Charges.

ARTICLE: 13

13 EVENTS OF DEFAULT AND TERMINATION

13.1 TSP's Event of Default

The occurrence and continuation of any of the following events shall constitute a TSP Event of Default, unless any such TSP Event of Default occurs as a result of any non-fulfilment of its obligations as prescribed under this Agreement by the Nodal Agency or a Force Majeure Event:

a. After having taken up the construction of the Project, the abandonment by the TSP or the TSP's Contractors of the construction of the Project for a continuous period of two (2) months and such default is not rectified within thirty (30) days from the receipt of notice from the Nodal Agency in this regard;

b. The failure to commission any Element of the Project by the date falling six (6) months after its Scheduled COD unless extended by Nodal Agency as per provisions of this Agreement;

c. If the TSP:

i. assigns, mortgages or charges or purports to assign, mortgage or charge any of its assets or rights related to the Project in contravention of the provisions of this Agreement; or

ii. transfers or novates any of its obligations pursuant to this Agreement, in a manner contrary to the provisions of this Agreement;

Except where such transfer is in pursuance of a Law and

- it does not affect the ability of the transferee to perform, and such transferee has the financial and technical capability to perform, its obligations under this Agreement;
- is to a transferee who assumes such obligations under the Project and this Agreement remains effective with respect to the transferee;

d. If:

i. The TSP becomes voluntarily or involuntarily the subject of any bankruptcy or insolvency or winding up

proceedings and such proceedings remain uncontested for a period of thirty (30) days; or

ii. any winding up or bankruptcy or insolvency order is passed against the TSP; or

iii. the TSP goes into liquidation or dissolution or a receiver or any similar officer is appointed over all or substantially all of its assets or official liquidator is appointed to manage its affairs, pursuant to Law,

Provided that a dissolution or liquidation of the TSP will not be a TSP's Event of Default, where such dissolution or liquidation of the TSP is for the purpose of a merger, consolidation or reorganization with the prior approval of the State Commission as per the provisions of Maharashtra Electricity Regulatory Commission (Transmission License Conditions) Regulations, 2004 as amended from time to time; or

e. Failure on the part of the TSP to comply with the provisions of Article 19.1 of this Agreement; or

f. the TSP repudiates this Agreement and does not rectify such breach even within a period of thirty (30) days from a notice from the Nodal Agency in this regard; or

g. after Commercial Operation Date of the Project, the TSP fails to achieve monthly Target Availability of 98%, for a period of six (6) consecutive months or within a non-consecutive period of six (6) months within any continuous aggregate period of eighteen(18) months except where the Availability is affected by Force Majeure Events as per Article 11; or

h. any of the representations and warranties made by the TSP in Article 17 of this Agreement being found to be untrue or inaccurate. Further, in addition to the above, any of the undertakings submitted by the Selected Bidder at the time of submission of the Bid being found to be breached or inaccurate, including but not limited to undertakings from its Parent Company / Affiliates related to the minimum equity obligation; or

i. the TSP fails to complete / fulfil all the activities / conditions within the specified period as per Article 3; or

j. except for the reasons solely attributable to Nodal Agency, the TSP is in material breach of any of its obligations under this Agreement and such material breach is not rectified by the TSP within thirty (30) days of receipt of notice in this regard from the Nodal Agency ; or

k. the TSP fails to take the possession of the land required for location specific substations, switching stations or HVDC terminal or inverter stations and / or fails to pay the requisite price to the parties and / or any State Government authority from whom the land is acquired, within twelve (12) months from the Effective Date.

13.2 Termination Procedure for TSP Event of Default

a. Upon the occurrence and continuance of any TSP's Event of Default under Article 13.1 the Nodal Agency may serve notice on the TSP, with a copy to the Lenders' Representative, of their intention to terminate this Agreement (a "Nodal Agency's Preliminary Termination Notice"), which shall specify in reasonable detail, the circumstances giving rise to such Nodal Agency's Preliminary Termination Notice.

b. Following the issue of a Nodal Agency's Preliminary Termination Notice, the Consultation Period shall apply and would be for the Parties to discuss as to what steps shall be taken with a view to mitigate the consequences of the relevant Event of Default having regard to all the circumstances.

c. During the Consultation Period, the Parties shall, save as otherwise provided in this Agreement, continue to perform their respective obligations/ roles under this Agreement, and the TSP shall not remove any material, equipment or any part of the Project, without prior consent of the Nodal Agency.

Following the expiry of the Consultation Period, unless the Parties shall have otherwise agreed to the contrary or the circumstances giving rise to Nodal Agency's Preliminary Termination Notice shall have ceased to exist or shall have been remedied, this Agreement may be terminated by the Nodal Agency by giving a Termination Notice to the TSP, in writing, of at least seven (7) days, with a copy to the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of this Agreement.

Further, the Nodal Agency may also initiate proceedings to blacklist the TSP & its Affiliates from participation in any RFP issued by BPCs for a period of 5 years.

13.3 Procedure for Nodal Agency's non-fulfilment of Role

a. Upon the Nodal Agency not being able to fulfil its role under Article 4.2, the TSP may serve notice on the Nodal Agency, and the Lenders' Representative (a "TSP's Preliminary Notice"), which notice shall specify in reasonable detail the circumstances giving rise to such non-fulfilment of role by the Nodal Agency

b. Following the issue of a TSP's Preliminary Notice, the Consultation Period shall apply.

c. The Consultation Period would be for the Parties to discuss as to what steps shall be taken with a view to mitigate the consequences of the relevant non-fulfilment of role by the Nodal Agency including giving time extension to TSP, having regard to all the circumstances.

d. During the Consultation Period, both Parties shall, save as otherwise provided in this Agreement, continue to perform their respective obligations/ roles under this Agreement.

13.4 Termination due to Force Majeure

13.4.1 In case the Parties could not reach an agreement pursuant to Articles 3.3.4 and 4.4.2 of this Agreement and the Force Majeure Event or its effects continue to be present, the Nodal Agency shall have the right to cause termination of the Agreement. In case of such termination, the Contract Performance Guarantee shall be returned to the TSP as per the provisions of Article 6.5.1.

13.4.2 In case of termination of this Agreement, the TSP shall provide to the Nodal Agency the full names and addresses of its Contractors as well as complete designs, design drawings, manufacturing drawings, material specifications and technical information, as required by the Nodal Agency within thirty (30) days of Termination Notice.

13.5 Termination or amendment due to non-requirement of any Element or Project during construction

13.5.1 In case any Element or Project, which is under construction, is no longer required due to any reason whatsoever, the Nodal Agency may issue a notice to this effect to the TSP.

13.5.2 Nodal Agency may also issue notice to the TSP seeking their response to the proposed termination/ amendment (as the case may be) of the Agreement. The Nodal Agency shall issue copy of such notice to Lenders. In the notice, Nodal Agency shall also include an assessment of the physical progress made by TSP in the Element/ Project (as the case may be) that is no longer required.

13.5.3 The TSP shall neither carry out further investment nor carry out any work on the Element/ Project (as the case may be) that is no longer required after delivery of the notice.

13.5.4 After taking into account the comments of the TSP, the Nodal Agency may terminate the Agreement or amend it if both Parties agree to the amendment.

13.6 Revocation of the Transmission License

13.6.1 The State Commission may, as per the provisions of the Electricity Act, 2003, revoke the Transmission License of the Licensee. Further, in such a case, the Agreement shall be deemed to have been terminated.

13.7 Termination Payment

13.7.1 If Agreement is terminated on account of Force Majeure Events, non-requirement of any Element or Project during Construction, Nodal Agency non-fulfilment of Role & TSP's Event of Default, the TSP shall be entitled for Termination Payment equivalent to valuation of Project Assets. Upon payment, the Nodal Agency shall take over the Project Assets.

ARTICLE: 14

14 LIABILITY AND INDEMNIFICATION

14.1 Indemnity

14.1.1 The TSP shall indemnify, defend and hold the Nodal Agency harmless against:

(a) any and all third party claims, actions, suits or proceedings against the Nodal Agency for any loss of or damage to property of such third party, or death or injury to such third party, arising out of a breach by the TSP of any of its obligations under this Agreement, except to the extent that any such claim, action, suit or proceeding has arisen due to a negligent act or omission, breach of this Agreement or non-fulfilment of statutory duty on the part of Nodal Agency; and

(b) any and all losses, damages, costs and expenses including legal costs, fines, penalties and interest actually suffered or incurred by the Nodal Agency from third party claims arising by reason of:

i. a breach by the TSP of any of its obligations under this Agreement, (provided that this Article 14 shall not apply to such breaches by the TSP, for which specific remedies have been provided for under this Agreement) except to the extent that any such losses, damages, costs and expenses including legal costs, fines, penalties and interest (together to constitute "Indemnifiable Losses") has arisen due to a negligent act or omission, breach of this Agreement or non-fulfilment of statutory duty on the part of the Nodal Agency, or

ii. any of the representations and warranties of the TSP under this Agreement being found to be inaccurate or untrue.

14.1.2 The Nodal Agency shall in accordance with the Regulations framed by MERC in this regard indemnify, defend and hold the TSP harmless against:

(a) any and all third party claims, actions, suits or proceedings against the TSP, for any loss of or damage to property of such third party, or death or injury to such third party, arising out of any material breach by the Nodal Agency of any of their roles under this Agreement, except to the extent that any such claim, action, suit or proceeding has arisen due to a negligent act or omission, breach of this Agreement or breach of statutory duty on the part of the TSP, its Contractors, servants or agents; and

(b) any and all losses, damages, costs and expenses including legal costs, fines, penalties and interest ('Indemnifiable Losses') actually suffered or incurred by the TSP from third party claims arising by reason of:

i. any material breach by the Nodal Agency of any of its roles under this Agreement (provided that, this Article 14 shall not apply to such breaches by the Nodal Agency, for which specific remedies have been provided for under this Agreement), except to the extent that any such Indemnifiable Losses have arisen due to a negligent act or omission, breach of this Agreement or breach of statutory duty on the part of the TSP, its Contractors, servants or agents or

ii. any of the representations and warranties of the Nodal Agency under this Agreement being found to be inaccurate or untrue.

14.2 Patent Indemnity:

14.2.1

(a) The TSP shall, subject to the Nodal Agency's compliance with Article 14.2.1 (b), indemnify and hold harmless the Nodal Agency and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, which the Nodal Agency may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the Agreement by reason of the setting up of the Project by the TSP.

Such indemnity shall not cover any use of the Project or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Agreement, any infringement resulting from the misuse of the Project or any part thereof, or any products produced in association or combination with any other equipment, plant or materials not supplied by the TSP, pursuant to the Agreement.

(b) If any proceedings are brought or any claim is made against the Nodal Agency arising out of the matters referred to in Article 14.2.1(a), the Nodal Agency shall promptly give the TSP a notice thereof, and the TSP shall at its own expense take necessary steps and attend such proceedings or claim and any negotiations for the settlement of any such proceedings or claim. The TSP shall promptly notify the Nodal Agency of all actions taken in such proceedings or claims.

(c) If the TSP fails to notify the Nodal Agency within twenty-eight (28) days after receipt of such notice from the Nodal Agency under Article 14.2.1(b) above, that it intends to attend any such proceedings or claim, then the Nodal Agency shall be free to attend the same on their own behalf at the cost of the TSP. Unless the TSP has so failed to notify the Nodal Agency within the twenty eight (28) days period, the Nodal Agency shall make no admission that may be prejudicial to the defence of any such proceedings or claims.

(d) The Nodal Agency shall, at the TSP's request, afford all available assistance to the TSP in attending to such proceedings or claim, and shall be reimbursed by the TSP for all reasonable expenses incurred in so doing.

14.2.2

(a) The Nodal Agency, in accordance with the Regulations framed by MERC in this regard subject to the TSP's compliance with Article 14.2.2(b) shall indemnify and hold harmless the TSP and its employees, officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs and expenses of whatsoever nature, including attorney's fees and expenses, which the TSP may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the Agreement by reason of the setting up of the Project by the TSP.

(b) If any proceedings are brought or any claim is made against the TSP arising out of the matters referred to in Article 14.2.2 (a) the TSP shall promptly give the Nodal Agency a notice thereof, and the Nodal Agency shall at its own expense take necessary steps and attend such proceedings or claim and any negotiations for the settlement of any such proceedings or claim. The Nodal Agency shall promptly notify the TSP of all actions taken in such proceedings or claims.

(c) If the Nodal Agency fails to notify the TSP within twenty-eight (28) days after receipt of such notice from the TSP under Article 14.2.2(b) above, that it intends to attend any such proceedings or claim, then the TSP shall be free to attend the same on its own behalf at the cost of the Nodal Agency. Unless the Nodal Agency has so failed to notify the TSP within the twenty (28) days period, the TSP shall make no admission that may be prejudicial to the defence of any such proceedings or claim.

(d) The TSP shall, at the Nodal Agency request, afford all available assistance to the Nodal Agency in attending to such proceedings or claim, and shall be reimbursed by the Nodal Agency for all reasonable expenses incurred in so

doing.

14.3 Monetary Limitation of liability

14.3.1 A Party ("Indemnifying Party") shall be liable to indemnify the other Party ("Indemnified Party") under this Article 14 for any indemnity claims made in a Contract Year only up to an amount of Rs. 1.11 Crore (Rupees One Crore and Eleven Lakh Only).

14.4 Procedure for claiming indemnity

14.4.1 Where the Indemnified Party is entitled to indemnification from the Indemnifying Party pursuant to Articles 14.1 or 14.2 the Indemnified Party shall promptly notify the Indemnifying Party of such claim, proceeding, action or suit referred to in Articles 14.1 or 14.2 in respect of which it is entitled to be indemnified. Such notice shall be given as soon as reasonably practicable after the Indemnified Party becomes aware of such claim, proceeding, action or suit. The Indemnifying Party shall be liable to settle the indemnification claim within thirty (30) days of receipt of the above notice.

Provided however that, if:

i. the Parties choose to contest, defend or litigate such claim, action, suit or proceedings in accordance with Article 14.4.3 below; and

ii. the claim amount is not required to be paid/deposited to such third party pending the resolution of the Dispute,

the Indemnifying Party shall become liable to pay the claim amount to the Indemnified Party or to the third party, as the case may be, promptly following the resolution of the Dispute, if such Dispute is not settled in favour of the Indemnified Party.

14.4.2 The Indemnified Party may contest, defend and litigate a claim, action, suit or proceeding for which it is entitled to be indemnified under Articles 14.1 or 14.2 and the Indemnifying Party shall reimburse to the Indemnified Party all reasonable costs and expenses incurred by the Indemnified Party. However, such Indemnified Party shall not settle or compromise such claim, action, suit or proceedings without first getting the consent of the Indemnifying Party, which consent shall not be unreasonably withheld or delayed.

14.4.3 An Indemnifying Party may, at its own expense, assume control of the defence of any proceedings brought against the Indemnified Party if it

acknowledges its obligation to indemnify such Indemnified Party, gives such Indemnified Party prompt notice of its intention to assume control of the defence, and employs an independent legal counsel at its own cost that is reasonably satisfactory to the Indemnified Party.

14.5 Limitation on Liability

14.5.1 Except as expressly provided in this Agreement, neither the TSP nor the Nodal Agency nor their respective officers, directors, agents, employees or Affiliates (including, officers, directors, agents or employees of such Affiliates), shall be liable or responsible to the other Party or its Affiliates including its officers, directors, agents, employees, successors, insurers or permitted assigns for incidental, indirect or consequential, punitive or exemplary damages, connected with or resulting from performance or non-performance of this Agreement, or anything done in connection herewith, including claims in the nature of lost revenues, income or profits (other than payments expressly required and properly due under this Agreement), any increased expense of, reduction in or loss of transmission capacity or equipment used therefore, irrespective of whether such claims are based upon breach of warranty, tort (including negligence, whether of the Nodal Agency, the TSP or others), strict liability, contract, breach of statutory duty, operation of law or otherwise.

14.5.2 The Nodal Agency shall have no recourse against any officer, director or shareholder of the TSP or any Affiliate of the TSP or any of its officers, directors or shareholders for such claims excluded under this Article. The TSP shall also have no recourse against any officer, director or shareholder of the Nodal Agency, or any Affiliate of the Nodal Agency or any of its officers, directors or shareholders for such claims excluded under this Article.

14.6 Duty to Mitigate

The party entitled to the benefit of an indemnity under this Article 14 shall take all reasonable measures to mitigate any loss or damage which has occurred. If the Party fails to take such measures, the other Party's liabilities shall be correspondingly reduced.

ARTICLE: 15

15 ASSIGNMENTS AND CHARGES

15.1 Assignments:

15.1.1 This Agreement shall be binding upon, and inure to the benefit of the Parties and their respective successors and permitted assigns. This Agreement shall not be assigned by any Party, except as provided in Article 15.3.

15.2 Permitted Charges:

15.2.1 Neither Party shall create or permit to subsist any encumbrance over all or any of its rights and benefits under this Agreement.

15.2.2 However, the TSP may create any encumbrance over all or part of the receivables, or the Project Assets of the Project in favour of the Lenders or the Lenders' Representative on their behalf, as security for amounts payable under the Financing Agreements and any other amounts agreed by the Parties.

Provided that:

i. the Lenders or the Lenders' Representative on their behalf shall have entered into the Financing Agreements and agreed in writing to the provisions of this Agreement; and

ii. any encumbrance granted by the TSP in accordance with this Article 15.2.2 shall contain provisions pursuant to which the Lenders or the Lender's Representative on their behalf agrees unconditionally with the TSP to release from such encumbrances upon payment by the TSP to the Lenders of all amounts due under the Financing Agreements.

15.2.3 Article 15.2.1 does not apply to:

a. liens arising by operation of law (or by an agreement evidencing the same) in the ordinary course of the TSP developing and operating the Project;

b. pledges of goods, the related documents of title and / or other related documents, arising or created in the ordinary course of the TSP developing and operating the Project; or

c. security arising out of retention of title provisions in relation to goods acquired in the ordinary course of the TSP developing and operating the Project.

15.3 Substitution Rights of the Lenders

15.3.1 The TSP would need to operate and maintain the Project under the provisions of this Agreement and cannot assign the Transmission License or transfer the Project or part thereof to any person by sale, lease, exchange or otherwise, without the prior approval of the Nodal Agency.

15.3.2 However, in the case of default by the TSP in debt repayments or in the case of default by the TSP as per Article 13 of this Agreement during the debt repayments, the State Commission may, on an application from the Lenders, assign the Transmission License to the nominee of the Lenders subject to the fulfilment of the qualification requirements and provisions of the Maharashtra Electricity Regulatory Commission (Transmission License Conditions) Regulations, 2004 as amended from time to time;

ARTICLE: 16

16 GOVERNING LAW AND DISPUTE RESOLUTION

16.1 Governing Law:

This Agreement shall be governed by and construed in accordance with the Laws of India. Any legal proceedings in respect of any matters, claims or disputes under this Agreement shall be under the jurisdiction of appropriate courts in Maharashtra.

16.2 Amicable Settlement:

16.2.1 Either Party is entitled to raise any claim, dispute or difference of whatever nature arising under, out of or in connection with this Agreement, including its existence or validity or termination or whether during the execution of the Project or after its completion and whether prior to or after the abandonment of the Project or termination or breach of the Agreement by giving a written notice to the other Party, which shall contain:

(i) a description of the Dispute;

(ii) the grounds for such Dispute; and

(iii) all written material in support of its claim.

16.2.2 The other Party shall, within thirty (30) days of issue of notice issued under Article 16.2.1, furnish:

(i) counter-claim and defences, if any, regarding the Dispute; and

(ii) all written material in support of its defences and counter-claim.

16.2.3 Within thirty (30) days of issue of notice by the Party pursuant to Article 16.2.1, if the other Party does not furnish any counter claim or defense under Article 16.2.2, or thirty (30) days from the date of furnishing counter claims or defence by the other Party, both the Parties to the Dispute shall meet to settle such Dispute amicably. If the Parties fail to resolve the Dispute amicably within thirty (30) days from the later of the dates mentioned in this Article 16.2.3, the Dispute shall be referred for dispute resolution in accordance with Article 16.3.

16.3 Dispute Resolution:

All Disputes shall be adjudicated by the MERC.

16.4 Parties to Perform Obligations:

Notwithstanding the existence of any Dispute and difference referred to the State Commission as provided in Article 16.3 and save as the State Commission may otherwise direct by a final or interim order, the Parties hereto shall continue to perform their respective obligations/ roles (which are not in dispute) under this Agreement.

ARTICLE: 17

17 REPRESENTATION AND WARRANTIES

17.1 Representation and warranties of the Nodal Agency

17.1.1 The Nodal Agency hereby represents and warrants to and agrees with the TSP as follows and acknowledges and confirms that the TSP is relying on such representations and warranties in connection with the transactions described in this Agreement:

a. It has all requisite powers and authority to execute and consummate this Agreement;

b. This Agreement is enforceable against the Nodal Agency in accordance with its terms;

c. The consummation of the transactions contemplated by this Agreement on the part of Nodal Agency will not violate any provision of nor constitute a default under, nor give rise to a power to cancel any charter, mortgage, deed of trust or lien, lease, agreement, license, permit, evidence of indebtedness, restriction, or other contract to which the Nodal Agency is a Party or to which the Nodal Agency is bound, which violation, default or power has not been waived;

17.2 Representation and Warranties of the TSP:

17.2.1 The TSP hereby represents and warrants to and agrees with the Nodal Agency as follows and acknowledges and confirms that the Nodal Agency is relying on such representations and warranties in connection with the transactions described in this Agreement:

a. It has all requisite powers and has been duly authorized to execute and consummate this Agreement;

b. This Agreement is enforceable against it, in accordance with its terms;

c. The consummation of the transactions contemplated by this Agreement on the part of the TSP will not violate any provision of nor constitute a default under, nor give rise to a power to cancel any charter, mortgage, deed of trust or lien, lease, agreement, license, permit, evidence of indebtedness, restriction, or other contract to which the TSP is a Party or to which the TSP is bound which violation, default or power has not been waived;

d. The TSP is not insolvent and no insolvency proceedings have been instituted, nor threatened or pending by or against the TSP;

e. There are no actions, suits, claims, proceedings or investigations pending or, to the best of the TSP's knowledge, threatened in writing against the TSP at law, in equity, or otherwise, and whether civil or criminal in nature, before or by, any court, commission, arbitrator or governmental agency or authority, and there are no outstanding judgments, decrees or orders of any such courts, commission, arbitrator or governmental agencies or authorities, which materially adversely affect its ability to execute the Project or to comply with its obligations under this Agreement.

17.2.2 The TSP makes all the representations and warranties above to be valid as on the Effective Date of this Agreement.

ARTICLE: 18

18 INDEPENDENT ENGINEER

18.1 Appointment of Independent Engineer

The Nodal Agency shall appoint an agency/ company as Independent Engineer as per framework provided in the Guidelines for Encouraging Competition in Development of Transmission Projects for selection of Independent Engineer.

18.2 Roles and functions of Independent Engineer

The role and functions of the Independent Engineer shall include the following:

a. Progress Monitoring as required under this Agreement;

b. Ensuring Quality as required under this Agreement;

c. determining, as required under the Agreement, the costs of any works or services and/or their reasonableness during construction phase;

d. determining, as required under the Agreement, the period or any extension thereof, for performing any duty or obligation during construction phase;

e. determining, as required under the Agreement, the valuation of the Project Assets.

f. Assisting the Parties in resolution of Disputes and

g. Undertaking all other duties and functions in accordance with the Agreement.

18.3 Remuneration of Independent Engineer

The fee and charges of the Independent Engineer shall be paid by the Nodal Agency as per terms & conditions of appointment.

18.4 Termination of appointment

18.4.1 The Nodal Agency may, in its discretion, terminate the appointment of the Independent Engineer at any time, but only after appointment of another Independent Engineer.

18.4.2 If the TSP has reason to believe that the Independent Engineer is not discharging its duties and functions in a fair, efficient and diligent manner, it may make a written representation to the Nodal Agency and seek termination of the appointment of the Independent Engineer. Upon receipt of such representation, the Nodal Agency shall hold a tripartite meeting with the TSP and Independent Engineer for an amicable resolution, and the decision of Nodal Agency is final. In the event that the appointment of the Independent Engineer is terminated hereunder, the Nodal Agency shall appoint forthwith another Independent Engineer.

18.5 Authorised signatories

The Nodal Agency shall require the Independent Engineer to designate and notify to the Nodal Agency up to 2 (two) persons employed in its firm to sign for and on behalf of the Independent Engineer, and any communication or document required to be signed by the Independent Engineer shall be valid and effective only if signed by any of the designated persons; provided that the Independent Engineer may, by notice in writing, substitute any of the designated persons by any of its employees.

ARTICLE: 19

19 MISCELLANEOUS PROVISIONS

19.1 Equity Lock-in Commitment:

19.1.1 The aggregate equity share holding of the Selected Bidder in the issued and paid up equity share capital of Sakoli Power Transmission Limited shall not be less than Fifty one percent (51%) up to a period of one (1) year after COD of the Project.

Provided that, in case the Lead Member or Bidding Company is holding equity through Affiliate/s, Ultimate Parent Company or Parent Company, such restriction as specified above shall apply to such entities.

Provided further, that in case the Selected Bidder is a Bidding Consortium, the Lead Member shall continue to hold equity of at least twenty six percent (26%) upto a period of one (1) year after COD of the Project and any Member of such Bidding Consortium shall be allowed to divest its equity as long as the other remaining Members (which shall always include the Lead Member) hold the minimum equity specified above.

19.1.2 If equity is held by the Affiliates, Parent Company or Ultimate Parent Company of the Selected Bidder, then, subject to the second proviso to Article 19.1.1, such Affiliate, Parent Company or Ultimate Parent Company shall be eligible to transfer its shareholding in Sakoli Power Transmission Limited to another Affiliate or to the Parent Company / Ultimate Parent Company of the Selected Bidder. If any such shareholding entity, qualifying as an Affiliate / Parent Company / Ultimate Parent Company, is likely to cease to meet the criteria to qualify as an Affiliate / Parent Company / Ultimate Parent Company, the shares held by such entity shall be transferred to another Affiliate / Parent Company / Ultimate Parent Company of the Selected Bidder.

19.1.3 Subject to Article 19.1.1, all transfer(s) of shareholding of Sakoli Power Transmission Limited by any of the entities referred to in Article 19.1.1 and 19.1.2 above, shall be after prior written intimation to the Nodal Agency.

19.1.4 For computation of effective Equity holding, the Equity holding of the Selected Bidder or its Ultimate Parent Company in such Affiliate(s) or Parent Company and the equity holding of such Affiliate(s) or Ultimate Parent Company in Sakoli Power Transmission Limited shall be

computed in accordance with the example given below:

If the Parent Company or the Ultimate Parent Company of the Selected Bidder A directly holds thirty percent (30%) of the equity in Sakoli Power Transmission Limited, then holding of Selected Bidder A in Sakoli Power Transmission Limited shall be thirty percent (30%);

If Selected Bidder A holds thirty percent (30%) equity of the Affiliate and the Affiliate holds fifty percent (50%) equity in Sakoli Power Transmission Limited, then, for the purposes of ascertaining the minimum equity/equity lock-in requirements specified above, the effective holding of Bidder A in Sakoli Power Transmission Limited shall be fifteen percent (15%), (i.e., 30% x 50%)

19.1.5 The provisions as contained in this Article 19.1 shall override the terms of the consortium agreement submitted as part of the Bid.

19.1.6 The TSP shall be responsible to report to Nodal Agency, within thirty (30) days from the occurrence of any event that would result in any change in its equity holding structure from that which existed as on the date of signing of the Share Purchase Agreement. In such cases, the Nodal Agency would reserve the right to ascertain the equity holding structure and to call for all such required documents / information / clarifications as may be required.

19.2 Commitment of maintaining Qualification Requirement

19.2.1 The Selected Bidder will be required to continue to maintain compliance with the Qualification Requirements, as stipulated in RFP Document, till the COD of the Project. Where the Technically Evaluated Entity and/or the Financially Evaluated Entity is not the Bidding Company or a Member in a Bidding Consortium, as the case may be, the Bidding Company or Member shall continue to be an Affiliate of the Technically Evaluated Entity and/or Financially Evaluated Entity till the COD of the Project.

19.2.2 Failure to comply with the aforesaid provisions shall be dealt in the same manner as TSP's Event of Default as under Article 13 of this Agreement.

19.3 Language:

19.3.1 All agreements, correspondence and communications between the Parties relating to this Agreement and all other documentation to be prepared and supplied under the Agreement shall be written in English, and the Agreement shall be construed and interpreted in accordance with English language.

19.3.2 If any of the agreements, correspondence, communications or documents are prepared in any language other than English, the English translation of such agreements, correspondence, communications or documents shall prevail in matters of interpretation.

19.4 Affirmation

The TSP and the Nodal Agency, each affirm that:

1. neither it nor its respective directors, employees, or agents has paid or undertaken to pay or shall in the future pay any unlawful commission, bribe, pay-off or kick-back; and
2. it has not in any other manner paid any sums, whether in Indian currency or foreign currency and whether in India or abroad to the other Party to procure this Agreement, and the TSP and the Nodal Agency hereby undertake not to engage in any similar acts during the Term of Agreement.

19.5 Severability

The invalidity or enforceability, for any reason, of any part of this Agreement shall not prejudice or affect the validity or enforceability of the remainder of this Agreement, unless the part held invalid or unenforceable is fundamental to this Agreement.

19.6 Counterparts

This Agreement may be executed in one or more counterparts, each of which shall be deemed an original and all of which collectively shall be deemed one and the same Agreement.

19.7 Breach of Obligations/ Roles

The Parties acknowledge that a breach of any of the obligations/ roles contained herein would result in injuries. The Parties further acknowledge that the amount of the liquidated damages or the method of calculating the liquidated damages specified in this Agreement is a genuine and reasonable pre-estimate of the damages that may be suffered by the non-defaulting Party in each case specified under this Agreement.

19.8 Restriction of Shareholders / Owners Liability

19.8.1 Parties expressly agree and acknowledge that none of the shareholders of the Parties hereto shall be liable to the other Parties for any of the contractual obligations of the concerned Party under this Agreement.

19.8.2 Further, the financial liabilities of the shareholder(s) of each Party to this Agreement shall be restricted to the extent provided in the Indian Companies Act, 1956 / Companies Act, 2013 (as the case may be).

19.9 Taxes and Duties:

19.9.1 The TSP shall bear and promptly pay all statutory taxes, duties, levies and cess, assessed/levied on the TSP, its Contractors or their employees that are required to be paid by the TSP as per the Law in relation to the execution of the Project and for providing Transmission Service as per the terms of this Agreement.

19.9.2 The Nodal Agency shall be indemnified and held harmless by the TSP against any claims that may be made against the Nodal Agency in relation to the matters set out in Article 19.9.1.

19.9.3 The Nodal Agency shall not be liable for any payment of, taxes, duties, levies, cess whatsoever for discharging any obligation of the TSP by the Nodal Agency on behalf of TSP or its personnel, provided the TSP has consented in writing to the Nodal Agency for such work, for which consent shall not be unreasonably withheld.

19.10 No Consequential or Indirect Losses

The liability of the TSP shall be limited to that explicitly provided in this Agreement.

Provided that, notwithstanding anything contained in this Agreement, under no event shall the Nodal Agency or the TSP claim from one another any indirect or consequential losses or damages.

19.11 Discretion:

Except where this Agreement expressly requires a Party to act fairly or reasonably, a Party may exercise any discretion given to it under this Agreement in any way it deems fit.

19.12 Confidentiality

19.12.1 The Parties undertake to hold in confidence this Agreement and RFP Project Documents and not to disclose the terms and conditions of the transaction contemplated hereby to third parties, except:

a) to their professional advisors;

b) to their officers, contractors, employees, agents or representatives,

financiers, who need to have access to such information for the proper performance of their activities; or

c) disclosures required under Law,

without the prior written consent of the other Parties.

Provided that, the TSP agrees and acknowledges that the Nodal Agency, may, at any time, disclose the terms and conditions of the Agreement and the RFP Project Documents to any person, to the extent stipulated under the Law and the Competitive Bidding Guidelines.

19.13 Order of priority in application:

Save as provided in Article 2.5, in case of inconsistencies between the terms and conditions stipulated in Transmission License issued by the State Commission to the TSP, agreement(s) executed between the Parties, applicable Law including rules and regulations framed thereunder, the order of priority as between them shall be the order in which they are placed below:

- terms and conditions of Transmission License;
- applicable Law, rules and regulations framed thereunder;
- this Agreement.
- Agreement(s), if any, under MERC MYT Regulations.

19.14 Independent Entity:

19.14.1 The TSP shall be an independent entity performing its obligations pursuant to the Agreement.

19.14.2 Subject to the provisions of the Agreement, the TSP shall be solely responsible for the manner in which its obligations under this Agreement are to be performed. All employees and representatives of the TSP or Contractors engaged by the TSP in connection with the performance of the Agreement shall be under the complete control of the TSP and shall not be deemed to be employees, representatives, Contractors of the Nodal Agency and nothing contained in the Agreement or in any agreement or contract awarded by the TSP shall be construed to create any contractual relationship between any such employees, representatives or Contractors and the Nodal Agency

19.15 Amendments:

19.15.1 This Agreement may only be amended or supplemented by a written agreement between the Parties.

19.16 Waiver:

19.16.1 No waiver by either Party of any default or breach by the other Party in the performance of any of the provisions of this Agreement shall be effective unless in writing duly executed by an authorised representative of such Party.

19.16.2 Neither the failure by either Party to insist on any occasion upon the performance of the terms, conditions and provisions of this Agreement nor time or other indulgence granted by one Party to the other Parties shall act as a waiver of such breach or acceptance of any variation or the relinquishment of any such right or any other right under this Agreement, which shall remain in full force and effect.

19.17 Relationship of the Parties:

This Agreement shall not be interpreted or construed to create an association, joint venture, or partnership or agency or any such other relationship between the Parties or to impose any partnership obligation or liability upon either Party and neither Party shall have any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other Party.

19.18 Entirety:

19.18.1 This Agreement along with its sections, schedules and appendices is intended by the Parties as the final expression of their agreement and is intended also as a complete and exclusive statement of the terms of their agreement.

19.18.2 Except as provided in this Agreement, all prior written or oral understandings, offers or other communications of every kind pertaining to this Agreement or the provision of Transmission Service under this Agreement to the Nodal Agency by the TSP shall stand superseded and abrogated.

19.19 Notices:

19.19.1 All notices or other communications which are required to be given under this Agreement shall be in writing and in the English language

19.19.2 If to the TSP, all notices or communications must be delivered personally or by registered post or facsimile or any other mode duly acknowledged to the addressee below:

Address	: S.No. 861, Ashoka House, Ashoka Marg, Vadala, Nasik, MH - 422011
Attention	: Mr. Mukund Chandak; Mr. Milind Kulkarni
Email	: mukund.chandak@ashokabuildcon.com; milind.kulkarni@ashokabuildcon.com
Fax. No.	: Fax: 0253-2236704
Telephone No.	: 0253-6633705; 0253-6638705

19.19.3 If to the Nodal Agency, all notices or communications must be delivered personally or by registered post or facsimile or any other mode duly acknowledged to the addresses below:

(i) Maharashtra State Transmission Utility (STU)

Address	: Prakashganga, 4th Floor/ 'A' Wing, Plot No.C-9, E-Block, BKC Complex, Bandra (E), Mumbai - 400051
Attention	: Chief Engineer (STU)
Email	: cestu@mahatransco.in
Fax. No.	:
Telephone No.	: 022 - 26595176.

19.19.4 All notices or communications given by facsimile shall be confirmed by sending a copy of the same via post office in an envelope properly addressed to the appropriate Party for delivery by registered mail. All notices shall be deemed validly delivered upon receipt evidenced by an acknowledgement of the recipient, unless the Party delivering the notice can prove in case of delivery through the registered post that the recipient refused to acknowledge the receipt of the notice despite efforts of the postal authorities.

19.19.5 Any Party may by notice of at least fifteen (15) days to the other Party change the address and/or addresses to which such notices and communications to it are to be delivered or mailed.

19.20 Fraudulent and Corrupt Practices

19.20.1 The TSP and its respective officers, employees, agents and advisers

shall observe the highest standard of ethics during the subsistence of this Agreement. Notwithstanding anything to the contrary contained in the Agreement, the Nodal Agency may terminate the Agreement without being liable in any manner whatsoever to the TSP, if it determines that the TSP has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in the Bid process. In such an event, the Nodal Agency shall forfeit the Contract Performance Guarantee of the TSP, without prejudice to any other right or remedy that may be available to the Nodal Agency hereunder or subsistence otherwise.

19.20.2 Without prejudice to the rights of the Nodal Agency under Clause 19.20.1 hereinabove and the rights and remedies which the Nodal Agency may have under this Agreement, if a TSP is found by the Nodal Agency to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Bid process, or after the issue of Letter of Intent (hereinafter referred to as LoI), the Nodal Agency may terminate the Agreement without being liable in any manner whatsoever to the TSP. Further, the TSP & its Affiliates shall not be eligible to participate in any tender or RFP issued by any BPC for an indefinite period from the date such TSP is found by the Nodal Agency to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practices, as the case may be.

19.20.3 For the purposes of this Clause 19.20, the following terms shall have the meaning hereinafter respectively assigned to them:

(a) **"corrupt practice"** means (i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Bid process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the BPC who is or has been associated or dealt in any manner, directly or indirectly with the Bid process or the LoI or has dealt with matters concerning the RFP Project Documents or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the BPC, shall be deemed to constitute influencing the actions of a person connected with the Bid Process); or (ii) engaging in any manner whatsoever, whether during the Bid Process or after the issue of the LoI or after the execution of the RFP Project Documents, as the case may be, any person in respect of any matter relating to the Project or the LoI

or the RFP Project Documents, who at any time has been or is a legal, financial or technical adviser of the BPC in relation to any matter concerning the Project;

(b) "**fraudulent practice**" means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bid process;

(c) "**coercive practice**" means impairing or harming, or threatening to impair or harm, directly or indirectly, any person or property to influence any person's participation or action in the Bid process;

(d) "**undesirable practice**" means (i) establishing contact with any person connected with or employed or engaged by the BPC with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bid process; or (ii) having a Conflict of Interest; and

(e) "**restrictive practice**" means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Bid process;

19.21 Compliance with Law:

Despite anything contained in this Agreement but without prejudice to Article 12, if any provision of this Agreement shall be in deviation or inconsistent with or repugnant to the provisions contained in the Electricity Act, 2003, or any rules and regulations made there under, such provision shall be deemed to be amended to the extent required to bring it into compliance with the aforesaid relevant provisions as amended from time to time.

IN WITNESS WHEREOF, THE PARTIES HAVE CAUSED THIS AGREEMENT TO BE EXECUTED BY THEIR DULY AUTHORISED REPRESENTATIVES AS OF THE DATE AND PLACE SET FORTH ABOVE.

1. For and on behalf of TSP

Rajendra Bwad
COO

[Signature, Name, Designation and Address]

2. For and on behalf of Maharashtra State Transmission Utility (STU) (being the Nodal Agency)

PEEYUSH.S.SHARMA
CE, STU, MAHARASHTRA, PRAKASHGAD, BKC, MUMBAI
[Signature, Name, Designation and Address]

WITNESSES:

1. For and on behalf of

: BPC

[Signature]

(RITAM BISWAS)
DY. MANAGER, RBCPDCL, GURUGRAM
[Insert, Name, Designation and Address of the Witness]

2. For and on behalf of

: Maharashtra State Transmission Utility (STU) (being the Nodal Agency)

[Signature] 23/9/26

PANKAJ KULKARNI, EE MSTU, MUMBAI
[Insert Name, Designation and Address of the Witness]

SCHEDULES

Schedule: 1

Project Description and Scope of Project

Scope of the Project:

Sl. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler-1 No. • 132 kV Bus Coupler-1 No. • 132 kV Transfer Bus Coupler- 1 set • 125 MVAr, 400 kV Bus Reactor- 1 No • 400 kV Bus Reactor bay-1 No **Future Space Provisions:** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.	24 months from the effective date
2.	LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)	
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)- 02 Nos.	
4.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed)	

Sl. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date
	• 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.	
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.	
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.	

Note:

#: Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.

In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.

Project Description

Existing transmission network in Bhandara and Gondia districts majorly comprise of 10 no. of radially fed 132 kV MSETCL Sub-stations with fag-end Sub-station at around 150 km transmission line length.

The scheme is proposed to enhance the transmission capacity of Eastern Vidarbh by connecting ISTS network with existing InSTS network and in turn providing reliable and strong source of supply transmission network in Bhandara and Gondia districts. This will in turn reduce the transmission constraints in region.

The subject Transmission system was deliberated and approved in the 7th meeting of the Empowered Committee held on 12.03.2025. Govt. of Maharashtra vide Gazette notification dated 09.04.2025 has appointed RECPDCL as BPC for implementation of the subject transmission scheme through TBCB route. Subsequently, Government of Maharashtra vide Gazette Notification No. Sankirna-0125/P.R.32/Urja-4 dated 28.11.2025 issued the corrigendum to the scope of work of the project.

A. SPECIFIC TECHNICAL REQUIREMENTS FOR TRANSMISSION LINES

A.1.0 The design, routing and construction of transmission lines shall be in accordance with Chapter V, Part A of CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations 2022, as amended from time to time. Other CEA Regulations and MoP guidelines, as applicable, shall also be followed.

A.2.0 Selection of tower type shall be made as per CEA Regulations, however in case lattice type towers are used, the following shall also be applicable:

A.2.1 Steel section of grade E 250 and/or grade E 350 as per IS 2062, only are permitted for use in towers, extensions, gantry structures and stub setting templates. For towers in snowbound areas, steel sections shall conform to Grade-C of IS-2062.

A.2.2 Towers shall be designed as per IS-802:2015, however the drag coefficient of the tower shall be as follows: -

Solidity Ratio	Drag Coefficient
Up to 0.05	3.6
0.1	3.4
0.2	2.9
0.3	2.5
0.4	2.2
0.5 and above	2.0

A.3.0 Transmission Service Provider (TSP) shall adopt any additional loading/design criteria for ensuring reliability of the line, if so desired and /or deemed necessary.

A.4.0 Transmission line shall be designed considering wind zones as specified in wind map given in National Building Code 2016, Vol.1. The developer shall also make his own assessment of local wind conditions and frequent occurrences of high intensity winds (HIW) due to thunderstorms, dust-storms, downburst etc. along the line route and wherever required, higher wind zone than that given in wind map shall be considered for tower design for ensuring reliability of line. Further, for transmission line sections passing within a distance of 50 km from the boundary of two wind zones, higher of the two wind zones shall be considered for design of towers located in such sections.

A.5.0 Selection of reliability level for design of tower shall be as per CEA Regulation (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations 2022, as amended from time to time.

A.6.0 For power line crossings, following should be followed:

a. Under crossing of the existing transmission line of same Voltage shall not be allowed. In the case where it is inevitable to under-cross the existing transmission line then TSP shall seek prior approval from Chief Electrical Inspector, CEA with detailed study ensuring that all statutory electrical clearances and Electric Field limit of 10 kV/m at 1 m and 1.8 m from ground level is not violated.

b. For power line crossing of 400 kV or above voltage level, large angle and dead end towers (i.e. D/DD/QD) shall be used on either side of power line crossing.

c. For power line crossing of 132 kV and 220 kV (or 230 kV) voltage level, angle towers (B/C/D/DB/DC/DD/QB/QC/QD) shall be used on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement.

d. For power line crossing of 66 kV and below voltage level, suspension/tension towers shall be provided on either side of power line crossing depending upon the merit of theprevailing site condition and line deviation requirement.

e. For crossing of railways, national highways and state highways, the rules/regulations of appropriate authorities shall be followed.

A.7.0 The relevant conductor configuration shall be as follows: -

(a) For all 400 kV lines under present scope

Type of conductor: ACSR / AAAC / AL59

Transmission line	**ACSR Conductor specified**	**Equivalent AAAC conductor based on 53% conductivity of Al Alloy**	**Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy***	**Sub-conductor Spacing**
400 kV D/C (Quad Bundle) transmission lines	**Moose: Stranding** 54/3.53mm-Al + 7/3.53 mm- Steel, 31.77 mm diameter	**Stranding details:** 61/3.55(61/3.66)mm 31.95 (32.94) mm diameter; 604 (640) mm^2 Aluminium alloy	**Stranding details:** 61/3.31mm 29.79 mm diameter; 525 mm^2	457 mm

Transmission line	ACSR Conductor specified	Equivalent AAAC conductor based on 53% conductivity of Al Alloy	Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy*	Sub-conductorSpacing
	528.5 mm^2, Aluminium area, Maximum DC Resistance at 20°C (Ω/km): 0.05552 Minimum UTS: 161.20 kN	area Maximum DC Resistance at 20°C (Ω/km): 0.05506 (0.0534) Minimum UTS: 159.80 (178.43) kN	Aluminium alloy area Maximum DC Resistance at 20°C (Ω/km): 0.0566 Minimum UTS: 124.70 kN	

(b) For all 220 kV lines under present scope

Transmission line	ACSR Conductor specified	Equivalent AAAC conductor based on 53% conductivity of Al Alloy	Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy*	Sub-conductor Spacing
220 kV D/C (Zebra) transmission lines	Zebra: Stranding 54/3.18 mm-Al + 7/3.18 mm-Steel, 428 sq mm, Aluminium area, 28.62 mm diameter Maximum DC Resistance	Stranding Details: 61/3.19 mm 28.71 mm diameter; 487.5 sq.mm Aluminum alloy area Maximum DC Resistance at 20°C (Ω/km):	Stranding Details: 61/3.08 mm 27.7 mm diameter; 454 sq.mm Aluminium alloy area Maximum DC Resistance at 20°C (Ω/km): 0.0653 Minimum UTS:	NA

	at 20°C (Ω/km): 0.06868 Minimum UTS: 130.32 kN	0.06815 Minimum UTS: 135.60 kN	108 kN	

(c) For all 132 kV lines under present scope

Transmission line	**ACSR Conductor specified**	**Equivalent AAAC conductor based on 53% conductivity of Al Alloy**	**Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy***	**Sub-conductor Spacing**
132 kV D/C (Panther) transmission lines	Panther: Stranding 30/3.0mm-Al + 7/3.0 mm- Steel, 21.00 mm diameter 212.05 sq mm, Aluminium area, Maximum DC Resistance at 20°C (Ω/km): 0.1390 Minimum UTS: 89.67 kN	Stranding details: 37/3.15mm, 22.05mm diameter; 288.3 sq. mm, Aluminium alloy area Maximum DC Resistance at 20°C (Ω/km): 0.1182 Minimum UTS: 84.71 kN	Stranding details: 37/3.08 mm, 21.56 mm diameter; 275.66 sq. mm, Aluminium alloy area Maximum DC Resistance at 20°C (Ω/km): 0.1075 Minimum UTS: 66.47 kN	NA

Note: *1. To select any size above the minimum, the sizes mentioned in the relevant Indian standard i.e. IS-398 (part-6) shall be followed.

2. The transmission lines shall have to be designed for a maximum operating conductor temperature of 85 deg C.

A.8.0 The required phase to phase spacing and horizontal spacing for 400 kV line shall be governed by the tower design as well as minimum live metal clearances for 400 kV voltage level under different insulator swing angles. However, the phase to phase spacing for 400 kV lines shall not be less than 8 m. All electrical clearances including minimum live metal clearance, ground clearance and minimum mid span separation between earth wire and conductor shall be as per Central Electricity Authority (Measures Relating to Safety & Electric Supply) Regulations as amended from time to time and IS: 5613.

A.9.0 All electrical clearances including minimum live metal clearance, ground clearance and minimum mid span separation between earth wire and conductor as given below shall be considered.

I. Minimum live metal clearances for 400 kV line:

a) (i) Under stationary conditions:

From tower body: 3.05 m

(ii) Under Swing conditions

Wind Pressure Condition	Minimum Electrical Clearance
a) Swing angle (22°)	3.05 m
b) Swing angle (44°)	1.86 m

b) Minimum ground clearance for 400 kV line: 8.84 m

c) Minimum mid span separation between earth wire and conductor for 400 kV line: 9.0 m

II. Minimum live metal clearances for 220 kV line:

a) Under stationary conditions

From tower body: 2.13 m

b) Under swing conditions

Wind pressure Condition	Minimum electrical clearance
a) Swing angle (15°)	1.98 m
b) Swing angle (30°)	1.83 m
c) Swing angle (45°)	1.675 m

c) Minimum ground clearance: 7.015 m
d) Minimum mid span separation between earth-wire and conductor: 8.5 m
e) The phase spacing for 220 kV D/C Line shall be not less than 4.9 m

III. **Minimum live metal clearances for 132 kV line:**

a) Under stationary conditions

From tower body: 1.53 m

b) Under swing conditions

Wind pressure Condition	Minimum electrical clearance
a) Swing angle (15°)	1.53 m
b) Swing angle (30°)	1.37 m
c) Swing angle (45°)	1.22 m
d) Swing angle (60°)	1.07 m

c) Minimum ground clearance: 6.1 m
d) Minimum mid span separation between earth-wire and conductor: 6.1 m
e) The phase spacing for 132 kV D/C Line shall be not less than 3.9 m

A.10.0 Shielding angle shall not exceed 20 deg for 400 kV D/C Line transmission line and shall not exceed 30 deg for 220 kV & 132 kV transmission lines.

A.10.01 Transposition is to be done for all transmission lines whose length is greater than 100 km. Transposition should be carried out at 1/3 and 2/3 of line length tower positions. Transposition of the transmission line after construction of LILO shall be maintained by developer.

A.11.0 The Fault current for design of line shall be 63 kA for 1 sec for 400 Kv, 50kA for 1sec for 220kV & 40kA for 1 sec for 132kV.

A.12.0 In case of 400 kV voltage class lines, at least one out of two earth wires shall be OPGW and second earth wire, if not OPGW, shall be either of galvanized stranded steel (GSS) or Aluminum Alloy Conductor Steel Reinforced (AACSR) conductor type or any other suitable conductor type depending upon span length and other technical consideration.

In case of 220 kV and 132 kV voltage class transmission lines support towers

with single peak, only one OPGW has to be installed.

A.13.0 Each tower shall be earthed such that tower footing impedance does not exceed 10 ohms. Pipe type or Counterpoise type earthing shall be provided in accordance with relevant IS. Additional earthing shall be provided on every 7 to 8 kms distance for direct earthing of both shield wires. If site condition demands, multiple earthing or use of earthing enhancement compound shall be used.

A.14.0 Pile type foundation shall be used for towers located in river or creek bed or on bank of river having scourable strata or in areas where river flow or change in river course is anticipated, based on detailed soil investigation and previous years' maximum flood discharge of the river, maximum velocity of water, highest flood level, scour depth and anticipated change in course of river based on river morphology data of at least past 20 years to ensure availability and reliability of the transmission line.

A.15.0 Transmission line route shall be finalized, in consultation with appropriate authorities so as to avoid the habitant zones of endangered species and other protected species. Bird diverters, wherever required, shall be provided on the line.

A.16.0 Wherever, transmission lines are passing through cyclone prone areas i.e. areas up to 60 km from coast following shall also be applicable:

a) Terrain category-I, with terrain roughness factor (K2) of 1.08 shall be considered for tower design for exposed open terrain with few or no obstruction which also includes open sea coasts, open stretch of water, desert and flat treeless plains.

b) Importance factor for cyclonic region (K4) of 1.3 shall be considered for tower design.

c) The number of consecutive spans between the section points/ angle point shall not exceed 10 spans or 3 km instead of conventional practice of 15 spans or 5 km, in order to reduce the failure of such towers in coastal areas due to cascading effect. The section shall be terminated with tension tower/ angle tower and angle of deviation should be based on the site requirement.

A.17.0 Wherever, transmission lines are passing through cyclone prone areas (i.e. areas up to 60 km from coast)/ creek regions/ aggressive soil areas following shall also be applicable:

d) The fabricated tower parts and stubs shall have a minimum overall zinc coating of 900 g/m^2 of surface area except for plates and sections below 5 mm which shall have a minimum overall zinc coating of 610 g/m^2 of surface area. The average zinc coating for all sections and plates 5 mm and above shall be maintained as 127 microns and that for plates and sections below 5 mm shall be maintained as 87 microns.

e) Ready mix concrete of M30 Grade shall be used to avoid use of locally available saline water. However, design mix concrete of M30 Grade conforming to IS 456 with potable water can be used at locations where transportation of ready-mix concrete is not feasible. Minimum cement content in any case shall not be less than 330 kg/m3.

f) The surface of the reinforced steel shall be treated with epoxy-based coating to enhance corrosion performance of foundation. Use of epoxy coated reinforcement in foundation shall be as per IS 13620. In addition, two (2) coats of bituminous painting of minimum 1.6 kg/m2 per coat shall be applied on all exposed faces of foundation (i.e. pedestal and base slab).

g) Double coat of 20 mm thick cement plaster shall be provided on all exposed concrete surface as well up to 300 mm below ground level to give protection to concrete surface from environmental and saline effect.

h) Before coping of chimney top portion, three coats of anti-corrosive paint of minimum 30-35 microns dry film thickness each shall be applied on the stub in the 50 mm coping portion as well as up to 350 mm above CL portion.

A.18.0 The raised chimney foundation is to be provided in areas prone to flooding/water stagnation like paddy field /agricultural field and undulated areas to avoid direct contact of water with steel part of tower. The top of the chimney of foundation should be at least above HFL (High Flood Level) or the historical water stagnation/ logging level (based on locally available data) or above High Tide Level or 500 mm above Natural Ground level (whichever is higher).

A.19.0 Routing of transmission line through protected areas of India shall be avoided to the extent possible. In case, it is not possible to avoid protected areas, the towers of the transmission line up to 400 kV level which are installed in protected areas shall be designed for Multi-circuit (4 circuits) configuration of same voltage level considering reliability level of at least two (2). The top two circuits of these multi-circuit towers shall be used for stringing of the transmission line under present scope and the bottom two circuits shall be made available for stringing of any future transmission line of any transmission service providers/ State transmission

utilities/Central transmission utilities passing through the same protected area. Further, the configuration and coordinates of such transmission towers shall be submitted to STU/CTU and BPC by the TSP.

A.20.0 The TSP shall abide by the Guidelines of CEA w.r.t. shifting of transmission lines for NHAI projects and other projects.

A.21.0 Safety precautions in regard to gas/oil pipe lines in vicinity of Transmission lines shall be taken in coordination with gas/ petroleum authorities.

B. SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION

The proposed 400/220/132kV Sakoli S/s shall be AIS generally conforming to the requirements of CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations 2022, as amended from time to time.

Other CEA Regulations/guidelines as amended up to date and MoP guidelines, as applicable, shall also be followed.

B.1.0 Salient features of Substation Equipment and Facilities

The design and specification of substation equipment are to be governed by the following factors:

B.1.1 Insulation Coordination

The system design parameters for substations/switchyards shall be as given below:

Sl. No	Description of Parameters	400/220/132 kV Sakoli		
		400 kV System	220 kV System	132 kV System
1.	System Operating Voltage	400 kV	220 kV	132 KV
2.	Maximum voltage of the system (rms)	420 kV	245 kV	145KV
3.	Rated Frequency	50 Hz	50 Hz	50 Hz
4.	No. of Phases	3	3	3
5.	Rated Insulation Levels			
i)	Lightning Impulse withstand voltage for (1.2/50 micro sec.) - for Equipment other than Transformer and Reactors - for Insulator String	1425 kVp 1550 kVp	1050 kVp 1050 kVp	650 kVp 650 kVp
ii)	Switching Impulse withstand voltage (250/2500 micro sec.) dry and wet	1050 kVp	-	-

Sl. No	Description of Parameters	400/220/132 kV Sakoli		
		400 kV System	220 kV System	132 kV System
iii)	One minute power frequency dry withstand voltage (rms)	630 kV	460 kVp	-
iv)	One minute power frequency dry and wet withstand voltage (rms)	-	-	-
6.	Corona Extinction Voltage	320 kV	156 kV	105 kV
7.	Max. radio interference voltage for frequency between 0.5 MHz and 2 MHz	1000 micro-volts at 266 kV rms	1000 micro-volts at 156 kV rms	500 micro- volts at 92 kV rms
8.	Minimum creepage distance for insulator string/ longrod insulators/ outdoor bushings	13020 mm (31 mm/kV)	7595 mm (31 mm/kV)	4495mm (31 mm/kV)
9.	Minimum creepage distance for switchyard equipment	13020 mm (31 mm/kV)	7595 mm (31 mm/kV)	4495mm (31 mm/kV)
10.	Max. Fault Current	63 kA	50 kA	40KA
11.	Duration of fault	1 sec	1 Sec	1 sec

B.1.2 Switching Scheme

The switching schemes, as mentioned below, shall be adopted at various voltage levels of substation/switchyard:

Voltage/Type of Substation AIS	400 kV	220 kV	132 kV
400/220/132 kV Sakoli	One and Half breaker	Double main and Transfer	Double Main and Transfer

Notes: -

i) *For one and half breaker switching scheme, any double circuit line consisting*

of two numbers feeders and originating from the same transmission or generating switchyard shall not be terminated in one diameter.

ii) *Two transformers of same HV rating shall not be connected in the same diameter and similarly two bus reactors of same HV rating shall also not be connected in the same diameter.*

iii) *A diameter in one and half breaker scheme is a set of 3 circuit breakers with associated isolators, earth switches, current transformers etc. for controlling of 2 numbers feeders.*

iv) *Connection arrangement of Switchable Line reactors shall be such that it can be used as Line reactor as well as Bus reactor with suitable NGR bypass arrangement.*

v) *Space for 400 kV, 220 kV & 132 kV future line bays shall be kept considering provision of switchable line reactors*

vi) *TSP shall plan distribution of line and transformer feeders to bus bar in such a way that all power can be evacuated successfully without crossing thermal limit at any point of bus-bar.*

vii) *For AIS type substation, TSP shall keep space provisions for future elements such that interconnection arrangement to the corresponding future bays can be done with overhead AIS type connection without any cable/ GIS duct.*

viii) *TSP shall plan connectivity of lines and transformers to bus bar in such a way that all power can be evacuated successfully without crossing the thermal limit at any point.*

ix) ***400/220/132 kV AIS Sakoli*** *:*

400 kV bay configurations (one and half breaker scheme) shall be as follows:

Configuration	Number of Bays (1-1/2 CB system)
a) ICT bay- Tie- Line bay b) Bus Reactor – Tie- future space* c) Space Provision for Future ICT* – Tie- future Space*	4 (four) 1 (One) 1 (One)

220 kV bay configurations (Double main & Transfer bus scheme) shall be as follows:

Configuration	Number of Bays (Double Main & Transfer bus System)
Main–I	
ICT Bay	01 No.
Line Bay	01 No.
main –II	
ICT Bay	01 No.
Line Bay	01 No.

132 kV bay configurations (Double main bus scheme) shall be as follows:

Configuration	Number of Bays (Double Main bus System)
Main Bus-I	
a) ICT Bay	1 (One)
b) 132 kV line bays	3 (Three)
c) Space provision for Future ICT*	1 (One)
Main Bus-II	
d) ICT Bay	1 (One)
e) 132 kV line bays	3 (Three)

B.2.0 Substation Equipment and facilities (Voltage level as applicable):

The switchgear shall be designed and specified to withstand operating conditions and duty requirements. All equipment shall be designed considering the following capacity.

Sl. No	Description of bay	400/220/132 kV Sakoli		
		400 kV	220 kV	132 KV
1.	Bus Bar	4000 A	3000 A	3000 A
2.	Line bay	3150 A	1600 A	2000 A
3.	ICT bay	3150 A	1600 A	2000 A
4.	Bus Reacto r Bay	3150 A	N/A	N/A
5.	Bus Coupler Bay	N/A	3000 A	3000 A

Sl. No	Description of bay	400/220/132 kV Sakoli		
		400 kV	220 kV	132 KV
6.	Transfer Bus coupler bay	N/A	1600 A	2000 A

B.2.1 Power Transformers

B.2.1.1 Autotransformer

500 MVA, 400 /220 kV and 315 MVA, 400/132 kV, 3-Phase Auto Transformer shall conform to CEA's "Standard Specifications and Technical Parameters for Transformers and Reactors (66 kV and above)" available on CEA website.

B.2.2 Shunt Reactors

B.2.2.1 420 kV, 3-Phase, Shunt Reactor

125 MVAR, 420 KV, 3-Phase Reactor shall conform to CEA's "Standard Specifications and Technical Parameters for Transformers and Reactors available on CEA website.

B.2.3 400 kV, 220 kV and 132kV AIS Substation equipment (as applicable)

B.2.3.1 Circuit Breakers (AIS)

The circuit breakers and accessories shall conform to IEC: 62271-100, IEC: 62271-1 and shall be of SF6 Type. The circuit breakers shall be of class C2-M2 (as per IEC) with regard to restrike probability during capacitive current breaking and mechanical endurance. The rated break time shall not exceed 40 ms for 400 (420) kV circuit breakers, 60 ms for 220 kV &132 kV circuit breakers. 400 (420) kV and 220 kV Circuit breakers shall be provided with single phase and three phase auto reclosing. Each breaker would have two sets of trip circuits which would be connected to separate DC supplies for greater reliability. The Circuit breakers controlling 400 kV lines shall be provided with pre insertion closing resistor of about 400 ohms with 8 ms insertion time or Controlled Switching Device (CSD) for lines longer than 200 km. The short line fault capacity shall be same as the rated capacity and this is proposed to be achieved without use of opening resistors. The controlled switching device shall be provided in Circuit breakers of switchable line reactor bay and in Main and Tie bay circuit breakers of line with non-switchable line reactors, Bus reactors and Transformers of voltage class 400 kV and above.

B.2.3.2 Isolators (AIS)

The isolators shall comply with IEC 62271-102 in general. 400 kV and 220 kV isolators shall be double break type. All Isolators and earth switches shall be motor operated. Earth switches shall be provided at various locations to facilitate maintenance. Isolator rated for 400 kV, 220 kV,132 kV shall be of extended mechanical endurance class - M2 as per IEC-62271-102. Isolator rated for 220 kV shall be suitable for bus transfer current switching duty as per IEC-62271-102. Main blades and earth blades shall be interlocked and interlock shall be fail safe type. 400 kV, 220 kV, 132 kV earth switch for line isolator shall be suitable for induced current switching duty as defined for Class-B.

B.2.3.3 Current Transformers (AIS)

Current Transformers shall comply with IEC 61869 in general. All ratios shall be obtained by secondary taps only. Generally, Current Transformers (CT) for 400 kV shall have six cores (four for protection and two for metering), 220 kV Current Transformers shall have five cores (four for protection and one for metering) and 132 kV Current Transformers shall have five cores (four for protection and one for metering). The burden and knee point voltage shall be in accordance with the requirements of the system including possible feeds for telemetry. The accuracy class for protection core shall be PX and for metering core it shall be 0.2S. The rated burden of cores shall be closer to the maximum burden requirement of metering and protection system (not more than 20 VA for metering core) for better sensitivity and accuracy. The instrument security factor shall be less than 5 for CTs up to 400 kV voltage class.

B.2.3.4 Capacitive Voltage Transformers (AIS)

Capacitive Voltage Transformers shall comply with IEC 61869 in general. These shall have three secondaries out of which two shall be used for protection and one for metering. The accuracy class for protection cores shall be 3P and for metering core shall be 0.2. The Capacitive Voltage Transformers on lines shall be suitable for Carrier Coupling. The Capacitance of CVT for 400 kV and 220 kV shall be of 4400/8800 pF depending on PLCC requirements. The rated burden of cores shall be closer to the maximum burden requirement of metering and protection system (not more than 50 VA for metering core) for better sensitivity and accuracy.

B.2.3.5 Surge Arresters (AIS)

336 kV Station High (SH) duty and 216 kV Station Medium (SM) duty gapless type SurgeArresters with thermal energy (W_{th}) of minimum 12 kJ/kV and 7 kJ/kV

conforming to IEC 60099-4 in general shall be provided for 400 kV and 220 kV systems respectively. Other characteristics of Surge Arrester shall be chosen in accordance with system requirements. Surge arresters shall be provided at line entrances near Transformers and Reactors so as to achieve proper insulation coordination. Surge Arresters shall be provided with porcelain/ polymer housing fitted with pressure relief devices. A leakage current monitor with surge counter shall be provided with each surge arrester.

B.2.4 Protection Relaying and Control System

The protective relaying system proposed to be provided for transmission lines, auto-transformers, reactors and bus bars to minimize the damage to the equipment in the events of faults and abnormal conditions, is dealt in this section. All main protective relays shall be numerical type with IEC 61850 (Edition-II) communication interface. All numerical relays shall have built in disturbance recording feature. The auto transformer protection should be provided with two no. differential relays of different make & algorithm.

The protection circuits and relays of transformer and reactor shall be electrically and physically segregated into two groups each being independent and capable of providing uninterrupted protection even in the event of one of the protection groups failing, to obtain redundancy, and to take protection systems out for maintenance while the equipment remains in service.

a) Transmission Lines Protection

400kV and 220kV lines shall have MAIN-I numerical four zones distance protection scheme with carrier aided inter-tripping feature. The fourth zone shall be the reverse zone. 400 kV and 220 kV lines shall also have MAIN-II numerical distance protection scheme like Main-I but from different make that of MAIN-I. 132kV lines shall have MAIN-I numerical four zones distance protection scheme with carrier aided inter-tripping feature. The fourth zone shall be the reverse zone. 132 kV lines shall also have independent back up over current & earth fault protection. However, Line Current Differential relay (with back up distance protection feature) as Main–I & Main-II may be considered, for short lines (line length less than 10 KM) having Fibre Optic communication link for which line differential relay have to be arrange by Transmission Service Provider (TSP) for remote end also. In case of loop in loop out of transmission lines, the existing protection scheme shall be studied and suitable up-gradation (if required) shall be carried out. The Main-I and Main-II protection relays of same make may be provided only if they are of different hardware, manufacturing platform or different principle of operation. Associated power & control cabling and integration with SAS at remote end shall be provided by respective bay owner. All 400kV lines

shall also be provided with two stages over voltage protection. Further, all 400kV & 220kV lines shall be provided with single and three phase auto-reclosing facility to allow reclosing of circuit breakers in case of transient faults. 132kV lines should not have auto-reclosing facility. These lines shall also be provided with distance to fault locators to identify the location of fault on transmission lines.

Over voltage protection & distance to fault locator may be provided as in-built feature of Main-I & Main-II protection relays. Auto reclose as built in function of Bay Control Unit (BCU) is also acceptable.

The Main-I and Main-II protection relays shall be fed from separate DC sources and shall be mounted in separate panels. For 400kV, 220kV and 132kV transmission lines, directional IDMT earth fault relay should be provided as standalone unit or in-built feature of Main-I and Main -II feature.

b) Auto Transformer Protection

These shall have the following protections:

i) Numerical Differential Protection (400/220 KV and 220/132 KV ICTs shall have two differential protection relays. The second differential relay shall be provided on IV side C&R panel to avoid congestion on HV side C&R panel. The differential relay shall have different make and algorithm.)

ii) Numerical Restricted Earth Fault Protection

iii) Numerical Back-up Directional Over-Current and Earth Fault Protection on High Voltage (HV) and Intermediate Voltage (IV) side

iv) Numerical Over Fluxing Protection on HV and IV side

v) Numerical Overload Alarm

Further, numerical back-up over-current and earth fault protection on HV and IV side of autotransformer shall not be combined with other protective functions in the main relays and shall be independent relays. Besides these, power transformers shall also be provided with Buchholz relay, Magnetic Oil Gauge (MOG) with low oil level alarm, protection against high oil and winding temperature and pressure relief device etc.
Suitable monitoring, control (operation of associated circuit breaker and isolator) and protection for LT auxiliary transformer connected to tertiary winding of auto-transformer for the purpose of auxiliary supply shall be provided. The over current and other necessary protection shall be provided for the auxiliary transformer.

These protection and control may be provided as built in feature either in the bay controller to be provided for the auxiliary system or in the control and protection IEDs to be provided for autotransformer.

c) 400 kV Reactor Protection

Reactor shall be provided with the following protections:

i) Numerical Differential Protection.

ii) Numerical Restricted Earth Fault Protection

iii) Numerical Back-up Impedance Protection

Besides these, reactors shall also be provided with Buchholz relay, Magnetic Oil Gauge (MOG) with low oil level alarm, protection against oil and winding temperatures and pressure relief device, etc.

d) Bus Bar Protection

The high speed low impedance type bus bar differential protection, which is essential to minimize the damage and maintain system stability at the time of bus bar faults, shall be provided for 400 kV, 220 and 132 kV buses. Duplicated bus bar protection is envisaged for 400 kV bus-bar protection. Bus bar protection scheme shall be such that it operates selectively for each bus and incorporates the necessary features required for ensuring security.
Bus Bar protection system for new substation shall be de-centralized (distributed) type.

The scheme shall have complete bus bar protection for present as well as envisaged future bays i.e. input / output modules for future bays for the bus sections under present scope and PUs shall be provided by the respective bay owners.

In case the bus section is provided, then each side of bus section shall have separate set of bus-bar protection schemes.

For existing substations, the existing bus bar protection shall be augmented as perrequirement.

e) Local Breaker Back-up Protection

This shall be provided for each 400 kV , 220kV and 132 kV circuit breakers

and will be connected to de-energize the affected stuck breaker from both sides.

Notes:

1. *LBB and REF relays shall be provided separately from transformer differential relay.*
2. *LBB relay may also be provided as built-in protection function of distributed bus bar protection scheme; however, in such case separate LBB relay shall be provided for tie bays (in case of One and Half breaker scheme).*
3. *Over fluxing and overload protection can be provided as built-in feature of differential relay.*
4. *In 400 kV switchyard, if spare bay of half diameter is identified as future, Tie CB relay panel shall be with Auto-reclosure feature.*

B.2.5 Substation Automation System

a) For all the new substations, state of art Substation Automation System (SAS) conforming to IEC-61850 shall be provided. The distributed architecture shall be used for Substation Automation System, where the controls shall be provided through Bay control units. The Bay control unit is to be provided bay wise for voltage level 400 kV,220 kV & 132 kV and above. All bay control units as well as protection units are normally connected through an Optical fiber high speed network. The control and monitoring of circuit breaker, dis-connector, re-setting of relays etc. can be done from Human Machine Interface (HMI) from the control room.

The functions of control, annunciation, disturbance recording, event logging andmeasurement of electrical parameters shall be integrated in the Substation Automation System.

At new substations, the Substation Automation System (SAS) shall be suitable for the operation and monitoring of the complete substation including proposed future bays/elements.

In the existing substations with a Substation Automation System (SAS), augmentation of existing SAS shall be done for bays under the present scope.

In the existing Substations where substation automation is not provided, control functions shall be done through control panels.

Necessary gateway and modems (as required) shall be provided to send

data to RLDC/SLDC as per their requirement and shall be provisioned with 2+2 redundancy i.e. 2 channels for Main Control Centre and 2 channels for Backup Control Centre. In order to meet this requirement, suitable redundancy at port and card level need to be ensured by the TSP to avoid any single point of failure which may lead to interruption in real-time grid operation. Accordingly, all the hardware for communication services of station as stated above shall support dual redundancy for data transmission of station to respective main and backup RLDCs. Any augmentation work at RLDC/SLDC is excluded from TSP's scope. However, all the configuration work at substation end required to send data to RLDC/SLDC shall be in the scope of TSP.

b) Time Synchronization Equipment

Time synchronization equipment complete in all respects including antenna, cable and processing equipment required to receive time signal through GPS or from National Physical Laboratory (NPL) through INSAT shall be provided at new substations. This equipment shall be used to synchronize SAS and IEDs etc.

B.3.0 Substation Support Facilities

Certain facilities required for the operation and maintenance of substations as described below shall be provided at the new substation. In existing substation, these facilities have already been provided and will be extended/ augmented as per requirement.

B.3.1 AC and DC power supplies

For catering the requirements of three phase and single phase AC supply and DC supply for various substation equipment (for present and future scope), the following arrangement is envisaged:-

(i) For LT Supply at each new Substation, two (2) Nos. of auxiliary Transformers (minimum 630 kVA for substations with highest voltage rating as 400 kV) shall be provided which shall be fed from two independent sources as per the CEA (Technical Standards for Connectivity to the Grid) Regulations, 2007.

Metering arrangement with Special Energy Meters (SEMs) shall be provided by TSP at 33 kV tertiary of Transformer for drawing auxiliary supply at new substation. Such SEMs shall be provided by STU at the cost of the TSP. Accounting of such energy drawn by the TSP shall be done by SLDC as part of Regional Energy Accounting.

Additionally, Active Energy Meters may be provided at the same point in the 33 kV tertiary of Transformer by local DISCOM for energy accounting.

(ii) 2 sets of 220 V battery banks for control and protection and 2 sets of 48 V battery banks for PLCC/ communication equipment shall be provided at each new Substation. Each battery bank shall have a float-cum-boost charger.

At new substation, sizing of 220 V battery and battery charger shall be done based on the number of bays specified (including future bays) as per CEA Regulations and relevant IS. Two (2) sets of 48 V battery banks for PLCC and communication equipment for present and future scope shall be provided at each new Substation with at least 10-hour battery backup and extended backup, if required. 48 V DC can be achieved from 220 V DC battery bank using adapter, if so desired by TSP, without compromising backup time.

(iii) Suitable AC and DC distribution boards and associated LT Switchgear shall be provided at new substation.

For new substation, following switch boards shall be considered with duplicate supply with bus coupler/ sectionalizer and duplicate outgoing feeders except for Emergency lighting distribution board which shall have only one incoming feeder:

(a) 415 V Main Switch board – 1 No.
(b) AC distribution board – 1 No.
(c) Main lighting distribution board – 1 No.
(d) Emergency lighting distribution board – 1 No.
(e) 220 Volt DC distribution board – 2 Nos.
(f) 48 Volt DC distribution board – 2 Nos.

Sizing of LT Switchgear shall be suitable to cater the requirement for all present and future bays. AC and DC distribution boards shall have equipped modules for all the feeders (including future as specified).

(iv) At new Substation, one No. of DG set (minimum 250 kVA for substations with highest voltage rating as 400 kV) shall be provided for emergency applications.

(v) At new substation, sizing of battery and battery charger shall be done based on the number of bays specified (including future bays).

(vi) For substation extensions, existing facilities shall be augmented as required.

B.3.2 Fire Fighting System

Fire-fighting system for substation including Transformer and Reactor shall conform to CEA (Measures Relating to Safety and Electric Supply) Regulations, 2023 as amended from time to time.

Further, adequate water hydrants and portable fire extinguishers shall be provided in the substations. The main header of the firefighting system shall be suitable for extension to bays covered under the future scope; necessary piping interface in this regard shall be provided.

At existing substations, the fire-fighting systems as available shall be extended to meet the additional requirements.

B.3.3 Oil Evacuating, Filtering, Testing and Filling apparatus

To monitor the quality of oil for satisfactory performance of transformers, shunt reactorsand for periodical maintenance necessary oil evacuating, filtering, testing and filling apparatus would be provided at new substations. Oil storage tanks of adequate capacities for storage of transformer oil would be provided.

Online Transformer Oil Drying Out System shall be provided in line with the provisions of Standard Specification and Technical Parameters for Transformers and Reactors (66 kV and above Voltage Class) as amended up to date available on CEA website.

B.3.4 Illumination

Normal and emergency AC and DC illumination shall be provided adequately in the control room and other buildings of the substation. The switchyard shall also be provided with adequate illumination.

The lighting of the entire control room building, fire-fighting pump house, other building (if any) and switchyard shall be done by LED based low power consumption luminaries.

B.3.5 Control Room

For the new substation, substation control room shall be provided to house substation work stations for station level control (SAS) along with its peripheral and recording equipment, AC and DC distribution boards, DC batteries and associated battery chargers, Fire Protection panels, Telecommunication panels

and other panels as per requirements. Air conditioning shall be provided in the building as functional requirements. Main cable trenches from the control room shall have adequate space provision for laying of cables from the control room forall the future bays.

At existing substations, the adequacy of size of control room shall be ascertained and the same shall be augmented as per requirement.

B.3.6 Control Concept

All the EHV circuit breakers in substation/switching stations shall be controlled and synchronized from the switchyard control room/remote control center. All the isolators shall have control from remote/local whereas the earth switches shall have local control only.

B.3.7 Visual Monitoring System (VMS) for watch and ward of substation premises:

Visual Monitoring System for effective watch and ward of substation premises shall cover all the transformers and reactors, all other major AIS Equipment (such as CB, isolators, CT,CVT, SA etc. as applicable), panel room, all the gates of switchyard and all entry and exit points of control room building and accordingly the location of cameras shall be decided. In addition to the gates of the switchyard, the cameras shall also be located around the boundaries at suitable locations. The camera shall be high definition color CCD camera with night vision feature. The VMS data partly/completely shall be recorded (minimum for 15 days) at least @25fps (or better) and stored on network video recorder. The system shall use video signals from various cameras installed at different locations, process them for viewing on workstations/monitors in the control room and simultaneously record all the cameras. The VMS data should go only to the intended personnel/facility and not to the remote server of the Camera (VMS supplier).

Mouse/keyboard controllers shall be used for pan, tilt, zoom and other functions of the desired camera. The Visual Monitoring System shall have provision of WAN connectivity for remote monitoring.

All camera recordings shall have Camera ID and location/area of recording as well as date/time stamp. The equipment should generally conform to Electromagnetic compatibility requirement for outdoor equipment in EHV substation.

At existing substations, the visual monitoring system if available shall be

augmented as per existing or better specification as required.

B.4.0 General Facilities

a) Line Gantry/Towers are envisaged for bays under the present scope only. However, for the adjacent future line bay, tower shall be designed for extension (considering Quad conductors for 400 kV future lines and Twin conductor for 220 kV future lines) wherever applicable.

b) Bay extension works at existing substation shall be executed by TSP in accordance with the requirements/provisions mentioned above. However, interface points shall be considered keeping in view the existing design/arrangement at the substation.

c) TSP has to arrange for construction power and water on its own.

d) All outdoor steel structures including anchor/foundation bolts shall be fully galvanized. The weight of the zinc coating shall be at least 610 g/m2. However, for coastal/creek regions it shall be at least 900 g/m2 (if applicable).

e) In 400 kV switchyard, if spare bay of half diameter is identified as future, all the equipment for Tie and Future bay shall be designed considering the current rating of line bay i.e. 3150 A.

f) Boundary wall shall be brick masonry wall with RCC frame or Stone masonry wall or Precast RCC wall under present scope along the property line of the complete substation area including future switchyard area to prevent encroachment and unauthorized access. The minimum height of the boundary wall shall be of 1.8 m from Finished Ground Level (FGL).

g) All electrical equipment shall be installed above the Highest Flood Level (HFL) and where such equipment is not possible to be installed above Highest Flood Level, it shall be ensured that there is no seepage or leakage or logging of water.

h) As per CEA Manual on Transmissions Planning criteria 2023, Line approaching substation shall normally be perpendicular to the substation boundary for a stretch of 2-3 kms. Accordingly, TSP shall ensure that line terminations at substations are arranged in a manner to avoid hindrance to future line terminations at the substations.

C. SPECIFIC TECHNICAL REQUIREMENTS FOR COMMUNICATION

The communication requirement shall be in accordance to CEA (Technical Standards for Communication System in Power System Operations) Regulations, 2020, CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022, CERC (Communication System for inter-State transmission of electricity) Regulations, 2017, and CEA (Cyber Security in Power Sector) Guidelines, 2021, all above documents as amended from time to time.

The protections for transmission line and the line compensating equipment shall have hundred percent back up communication channels i.e. two channels for tele- protection in addition to one channel for speech plus data for each direction.

The communication services viz. SCADA, AGC (wherever applicable), VoIP, AMR and PMU have been identified as critical services and therefore shall be provisioned with 2+2 redundancy i.e. 2 channels for Main Control Centre and 2 channels for Backup Control Centre. In order to meet this requirement, suitable redundancy at port and card level need to be ensured by the TSP to avoid any single point of failure which may lead to interruption in real-time grid operation.
PMU to PDC communication (wherever required) shall be through 2 channels to the PDC (main) as there is no backup PDC at present.

Accordingly, all the hardware for communication services of station as stated above shall support dual redundancy for data transmission of station to respective main and backup SLDCs/RLDCs.

The complete InSTS communication system commissioned by TSP under the RFP shall be the asset of InSTS and shall be available for usage of InSTS requirements as suggested by Maharashtra STU/CTU from time to time.

In order to meet the requirement for grid management and operation of substations, Transmission Service Provider (TSP) shall provide the following:

C.1.0 Establishment of 400/220/132 kV Sakoli with 2 x 500 MVA, 400/220 kV ICTs with 125 MVAr Bus Reactor at 400 kV Level

(I) TSP shall supply, install and commission 3 No. FODP (96F or higher) and 1 No. FODP (48F or higher) along with panel and approach Cable (48F each), Joint Box etc. with all associated hardware fittings from gantry tower to Control Room for all the incoming lines / Bays envisaged under the present scope.

(II) TSP shall supply, install and commission One or more STM-16 (FOTE) equipment along with panel/s supporting minimum Thirteen (13) directions with MSP (Multiplex Section Protection – 1+1). These directions shall exclude protected (1+1) local patching among equipment (if any). Communication Equipment shall be provided with necessary interfaces to meet the voice and data communication requirement among all remote end substations & 400/220 kV AIS Sakoli. The suitable DC Power Supply and backup to be provided for communication equipment.

(III) FODP and FOTE equipment with panels shall be provided in Control Room of 400/220/132 kV AIS Sakoli. FOTE and FODP Equipment can be accommodated in same panel to optimize space.

(IV) The new communication equipment under the present scope shall be compatible for integration with existing regional level centralized NMS. The local configuration of the new communication equipment shall be the responsibility of TSP. The configuration work in the existing centralized NMS for integration of new Communication equipment shall be done by Regional ULDC Team, however all the necessary support in this regard shall be ensured by TSP.

(V) TSP shall supply, install and commission Firewall in redundant mode (1+1) in line with the specification attached at **Annexure F.1**.

(VI) The maintenance of all the communication equipment and software thereof including FOTE, FODP, PMU, approach cable, DCPS along with Battery Bank and Firewall shall be the responsibility of TSP.

C.2.0 400/220/132 kV lines at 400/220/132 kV AIS Sakoli (New)

(i) 400/220/132 kV lines at 400/220/132 kV AIS Sakoli (New), TSP shall supply, install and commission One (1) No. OPGW cable containing 48 Fibres (48F) on one E/W peak and conventional earth wire on other E/W peak.

(ii) The TSP shall install this OPGW from gantry of 400/220/132 kV Sakoli up to the gantry of all substations connected to the 400/220/132 kV Sakoli with all associated hardware including Vibration Dampers, mid-way and gantry Joint Boxes (called OPGW Hardware hereafter) and finally terminate in Joint Boxes at end Substations.

However, TSP shall finalize the requirement and location of repeater station depending upon the actual site conditions. Further TSP shall comply to the requirements mentioned as per Appendix-F.1

(iii) Maintenance of OPGW Cable and OPGW Hardware shall be responsibility of TSP.

C.3.0 FOTE requirement at 400/220/132 kV Lines

(I) TSP shall supply, install and commission 1 No. FODP (72F or higher) along with panel and required Approach Cable (48F) with all associated hardware fittings from gantry tower to Bay Kiosk and from the Bay Kiosk to Control room.

(II) TSP shall supply, install and commission One STM-16 (FOTE) equipment along with panel/s supporting minimum three (3) directions with MSP (Multiplex Section Protection – 1+1) with necessary interfaces to meet the voice and data communication requirement between 400/220/132kV lines at 400/220/132 kV Sakoli (New) The suitable DC Power Supply and backup to be provided for communication equipment.

(III) If required, FOTE/FODP panel shall be installed in the new Bay Kiosk (Switchyard Panel Room (SPR)). The FOTE under present scope shall be integrated by TSP with the existing FOTE at control room of Wardha (PG) and Raipur (PG) which shall be communicating with respective control center. If require, TSP to provide necessary FODP sub rack / Splice trays/ Patch cords etc. and optical interfaces/equipment in the existing FOTE/FODP panels in control room for integration with the existing FOTE for onwards data transmission.

(IV) In case spare optical direction is not available in the existing FOTE at the control room, the TSP shall coordinate with station owner to reconfigure

the directions in existing FOTE at control room. Alternatively, The TSP may integrate the FOTE under the present scope with existing FOTE in the nearby Kiosk connected to the control room FOTE (if available with spare direction). For this purpose, TSP shall provide necessary FODP sub rack / Splice trays/ Patch cords etc. and suitable optical interfaces/ equipment in the existing FOTE/FODP panels in another Kiosk (SPR).

(V) FOTE and FODP can be accommodated in same panel to optimize space.

(VI) The maintenance of all the communication equipment and software thereof including FOTE, FODP, approach cable, PMU, DCPS along with Battery Bank shall be the responsibility of TSP.

C.4.0 Specific Requirement for Phasor Measurement Units (PMUs)

TSP shall supply, install and commission required No. of Phasor Measurement Units (PMUs) at all the locations under the scope this RFP as per CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 (along with all amendments if any), and all the applicable Regulations, Standards, Guidelines issued time to time. These PMUs shall be provided with GPS clock and LAN switch and shall connect with LAN switch of control room of respective substations/ generating stations with Fibre Optic cable. These PMUs shall be connected with the FOTE at Substation/ generating stations for onwards data transmission to the PDC (Phasor Data Concentrator) located at respective RLDC. Configuration work in existing PDC at RLDC for new PMU integration shall be done by respective RLDC, however all the necessary support in this regard shall be ensured by TSP. The maintenance of all the PMUs and associated equipment shall be the responsibility of TSP.

Annexure-F.1

Next Generation Firewall (NGFW)

TSP shall provide 2 NGFW one in Main and another in Standby mode having electrical ethernet interfaces/ports and placed between FOTE and SAS gateway/s at the substation. All ethernet based applications shall be terminated in the firewall ports directly (e.g. PMU, AMR, VOIP, SAS/SCADA etc.). Each port of firewall shall work as a separate zone. Firewall shall be hardware based with features of Block/Allow/drop and IPSec VPN (network encryption).

The number of ports/interfaces in each firewall (i.e. Main and Standby) shall be minimum 16 Nos. TSP shall provide either single firewall or multiple firewalls to meet this interfaces requirement, each for main as well as standby firewall. Minimum throughput of firewall shall be 300 Mbps.

The Firewall shall be managed/ configured as standalone at present and shall also have compatibility to manage/configure through Centralized Management Console (CMC) remotely in future.

Firewall shall be tested and certified for ISO15408 Common Criteria for least EAL4+. Further, the OEM must certify that it conforms to Secure Product Development Life Cycle requirements as per IEC62443-4-1. The firewall shall generate reports for NERC-CIP Compliance.
The specifications for the firewalls are given at **Annexure-F.2** and schematic diagram showing firewall placement given at **Figure F.2**.

Annexure-F.2

Specifications of Next Generation Firewall (NGFW)

1. NGFW shall have following features including but not limited to:
   Encryption through IPSec VPN (Virtual Private Network), Deep Packet Inspection (DPI), Denial of service (DoS) and Distributed Denial of Service (DDoS) prevention, Port Block/ Allow, rules/ policies for block/allow, IP (Internet Protocol) and Media Access Control (MAC) spoofing protection, threat detection, Intrusion Prevention System (IPS), Anti-Virus, Anti-Spyware, Man In The Middle (MITM) attack prevention.
2. The proposed firewall shall be able to handle (alert, block or allow) unknown /unidentified applications e.g. unknown TCP and UDP packets. It shall have the provision to define application control list based on application group and/or list.
3. Firewall shall have feature and also have capability to update the definition/ Signatures of Anti-Virus online as well as offline. Firewall shall also be compatible to update the definitions/signatures through CMC. There shall be a defined process for security patching and firmware up-gradation. There shall be a feature to field validate firmware checksum. The same shall also be validated before using the OEM provided file/binary in the process of firmware up-gradation and security patching
4. Firewall shall have Management Console port to configure remotely.
5. Firewall shall be EMI/EMC compliant in Substation environment as per IEC 61850-3.
6. Firewall shall be rack mounted in existing standard equipment cabinets.
7. Firewall shall have support of SCADA applications (IEC-60870-5-104), ICCP, PMU (IEEE C37.118), Sub-Station Automation System (IEC 61850), Ethernet and other substation environment protocols.
8. Client based Encryption/ VPN must support different Operating System platforms e.g. Windows, Linux and Mac.
9. The solution must have content and comprehensive file detection policies, blocking the files as function of their types, protocols and directions.
10. Firewall shall have logging facility as per standard logs/events format. Firewall shall have features to export the generated/stored logs/events in csv (Comma Separated Value) and also any other standard formats for offline usage, analysis and compliance. Firewall shall have suitable memory architecture and solution to store and be enable to export all logs/events for a period of last 90 days at any given time.
11. Firewall shall have features and be compatible with local as well as central authentication system (RADIUS, LDAP, or TACACS+) for user account and access right management. It shall also have Role Based User management feature.
12. Firewall shall have the capability to configure sufficient number of VLANs.
13. Firewall shall have the capability to support sufficient number of sessions.

14. Firewall shall have provision to configure multiple IP Sec VPNs, at least 100 Nos., (one-to-many or many-to-one). Shall support redundant operation with a similar router after creation of all the IP Sec VPN. IPSec VPN shall support encryption protocols as AES128, AES256 and hashing algorithms as MD5 and SHA1. IPSec VPN throughput shall support at least 300 Mbps
15. Firewall shall be capable of SNMP v3 for monitoring from Network Management system. It shall also have SNMPv3 encrypted authentication and access security
16. Firewall shall support in Active/Passive or Active-Active mode with High Availability features like load balancing, failover for firewall and IPsec VPN without losing the session connectivity.
17. Firewall should have integrated traffic shaping (bandwidth, allocation, prioritisation, etc.) functionality
18. Shall support simultaneous operation with both IPv4 and IPv6 traffic
19. Firewall shall be compatible with SNTP/NTP or any other standards for clock synchronization
20. Firewall shall have the features of port as well as MAC based security
21. Firewall shall support exporting of logs to a centralized log management system (e.g. syslog) for security event and information management.
22. Firewall time shall be kept synchronised to official Indian Timekeeping agency, time.nplindia.org.
23. Firewall product shall be provided with all applicable updates at least until 36 months since the applicable date of product shipping to the concerned utility.

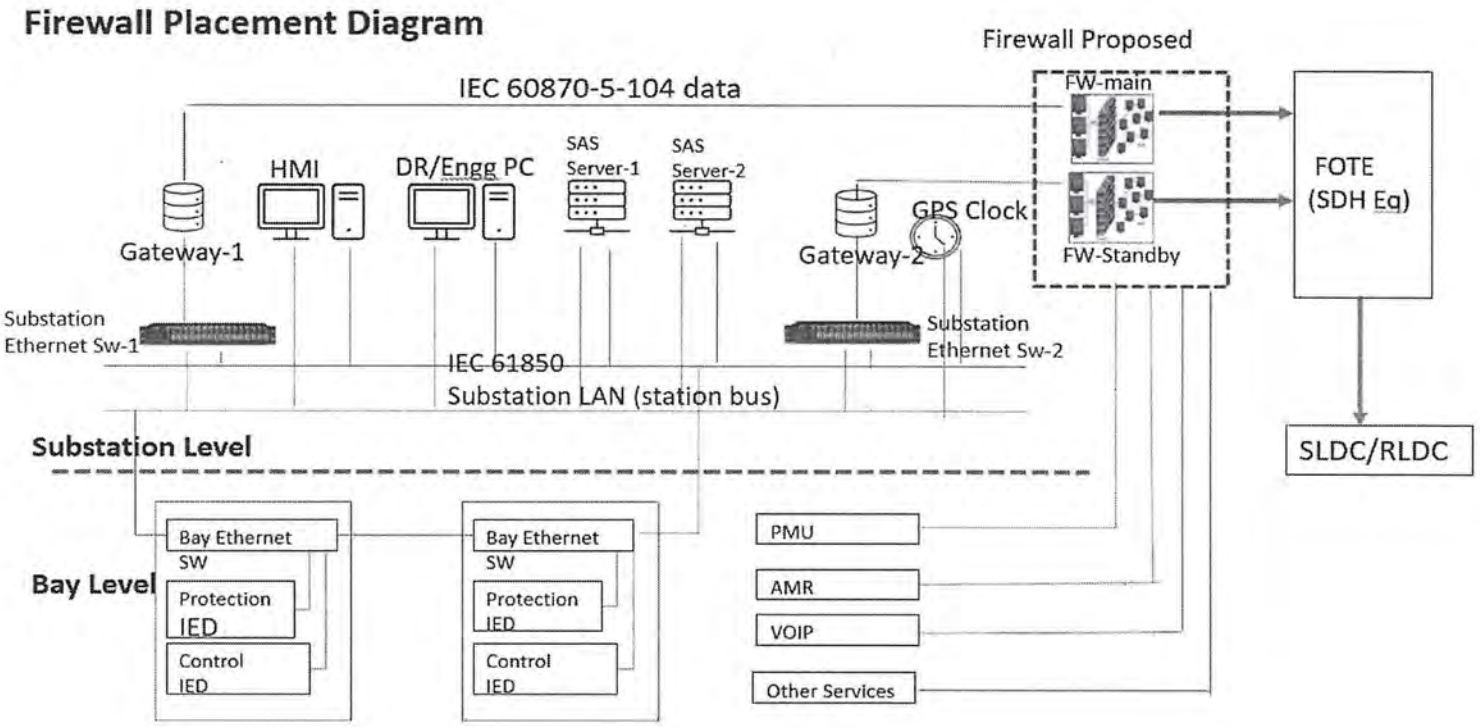

Firewall Placement Diagram
Firewall Proposed
IEC 60870-5-104 data
FW-main
FW-Standby
FOTE
(SDH Eq)
HMI
DR/Engg PC
SAS
Server-1
SAS
Server-2
GPS Clock
Gateway-1
Gateway-2
Substation
Ethernet Sw-1
Substation
Ethernet Sw-2
IEC 61850
Substation LAN (station bus)
Substation Level
SLDC/RLDC
Bay Ethernet
SW
Protection
IED
Control
IED
Bay Ethernet
SW
Protection
IED
Control
IED
Bay Level
PMU
AMR
VOIP
Other Services

Figure F2

Annexure F.3

C.5.0 PLCC and PABX:

Power Line Carrier Communication (PLCC) equipment complete for speech, tele-protection commands and data channels shall be provided on each transmission line. The PLCC equipment shall in brief include the following:

(i) Coupling device, Coupling filters, line traps, carrier terminals, protection couplers, HF cables, PABX (if applicable) and maintenance and testing instruments.

(ii) At new substation, a telephone exchange (PABX) of 48 lines shall be provided at as means of effective communication among various buildings of the substation, remote end substations and with control centres (RLDC/SLDC) etc.

(iii) Coupling devices shall be suitable for phase-to-phase coupling for 400 kV Transmission lines. The pass band of coupling devices shall have sufficient margin for adding communication channel in future if required. Necessary protection devices for safety of personnel and low voltage part against power frequency voltages and transient over voltage shall also be provided.

(iv) The line traps shall be broad band tuned suitable for blocking the complete range of carrier frequencies. Line Trap shall have necessary protective devices such as lightning arresters for the protection of tuning device. Decoupling network consisting of line traps and coupling capacitors may also be required at certain substation in case of extreme frequency congestion.

(v) The carrier terminals shall be of Single Side-Band (SSB) Amplitude Modulation (AM) type and shall have 4 kHz band width. PLCC Carrier terminals and Protection couplers shall be considered for both ends of the line.

(vi) PLCC equipment for all the transmission lines covered under the scheme (consisting of one set of analog PLCC channel along with circuit protection coupler and one set of Digital protection coupler for both ends) shall be provided by TSP. PLCC to be provided for following lines under present scope:

Sl. No	Line name	PLCC configuration
1	All 400/220/132 transmission lines at 400/220/132 kV Sakoli (New)	1 set Analog PLCC + 1 set Digital Protection Coupler for each circuit at both ends.

Further, CVT and Wave trap for all 400 kV and 220 kV line bays under present scope shall be provided by TSP.

(vii) All other associated equipment like cabling, coupling device and HF cable shall also be provided by the TSP.

(viii) 2 sets of 48V battery banks for PLCC and communication equipment shall be provided at each new Substation with at least 10 hours battery backup and extended backup, if required.

Schedule: 2

Scheduled COD

[Note: As referred to in the definition of "Element", "Scheduled COD", and in Articles 3.1.3 (c), 4.1 (b) and 4.3 (a) of this Agreement]

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus	24 Months from Effective Date	100%	All Elements are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
	Coupler-1 No. • 132 kV Bus Coupler-1 No. • 132 kV Transfer Bus Coupler- 1 set • 125 MVAr, 400 kV Bus Reactor- 1 No • 400 kV Bus Reactor bay-1 No **Future Space Provisions:** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.			
2.	LILO of Both circuit of 400 kV Wardha (PG)-Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)			
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.			
4.	132 kV D/C line from 400 kV AIS Sakoli (New)			

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
	to 132 kV Deori (proposed) • 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.			
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.			
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.			

Note-

#: Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.

In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.

The payment of Transmission Charges for any Element, irrespective of its successful commissioning on or before its Scheduled COD, shall only be

considered after successful commissioning of the Element(s), which are pre-required for declaring the commercial operation of such Element as mentioned in the above table.

Scheduled COD for the Project is: 24 months from Effective Date

Schedule: 3

Safety Rules and Procedures

[Note: As referred to in Articles 5.6 of this Agreement]

1: **Site Regulations and Safety:**

The TSP shall establish Site regulations within sixty (60) days from fulfilment of conditions subsequent, as per Prudent Utility Practices setting out the rules to be observed till expiry of the Agreement at the Site and shall comply therewith.

Such Site regulations shall include, but shall not be limited to, rules in respect of security, safety of the Project, gate control, sanitation, medical care, and fire prevention, public health, environment protection, security of public life, etc.

Copies of such Site regulations shall be provided to the Nodal Agency for the purpose of monitoring of the Project.

2: **Emergency Work:**

In cases of any emergency, the TSP shall carry out all necessary remedial work as may be necessary.

If the work done or caused to be done by any entity , other than the TSP, the TSP shall, reimburse the actual costs incurred, to the other Party carrying out such remedial works.

3: **Site Clearance:**

In the course of execution of the Agreement, the TSP shall keep the Site reasonably free from all unnecessary obstruction, storage, remove any surplus materials, clear away any wreckage, rubbish and temporary works from the Site, and remove any equipment no longer required for execution of the Agreement. After completion of all Elements of the Project, the TSP shall clear away and remove all wreckage, rubbish and debris of any kind from the Site, and shall leave the Site clean and safe.

4: **Watching and Lighting:**

The TSP shall provide and maintain at its own expense all lighting, fencing, and watching when and where necessary for the proper construction, operation, maintenance / repair of any of the Elements of the Project, or for the safety of the owners and occupiers of adjacent property and for the safety of the public, during such maintenance / repair.

Schedule: 4

Computation of Transmission Charges

1.1 General

The Monthly Transmission Charges to be paid to the TSP for providing Transmission Service for any Contract Year during the term of the Agreement shall be computed in accordance with this Schedule and paid as per provisions of MERC MYT Regulations.

Illustration regarding payment of Transmission Charges under various scenarios (considering definitions of Contract Year, Expiry Date & Monthly Transmission Charges above) is as below: -

Illustration-1: In case the Project Elements achieve COD as per Schedule

Quoted Transmission Charges: **Rs. 140 Million**

Completion Schedule:

Element No.	Completion Schedule in Months	Scheduled CoD of the Element	Actual CoD of the Element	% Charges recoverable on Scheduled CoD of the Element
Element 1	28	1-Feb-2018	1-Feb-2018	25%
Element 2	38	1-Dec-2018	1-Dec-2018	75%

Tariff Payable as follows:

Transmission Charges for Element 1			**Transmission Charges for Element 2**		
1-Feb-18 to 31-Mar-18	140 X 25% X ((28+31)/365)	5.65		--	0.00
1-Apr-18 to 30-Nov-18	140 X 25% X (244/365)	23.39		--	0.00
1-Dec-18 to 31-Mar-19	140 X 100% X (121/365)				46.41
2	140 X 100% X 1				140
3	140 X 100% X 1				140
4	140 X 100% X 1				140
5	140 X 100% X 1				140
.....					
.....					
36 (1-Apr to 30-Nov)	140 X 100% X (244/365)				93.59

Illustration-2: In case of extension of Scheduled COD as per Article 4.4.1 & 4.4.2 of this Agreement

Quoted Transmission Charges: **Rs. 140 Million**

Completion Schedule:

Element No.	Completion Schedule in Months	Scheduled CoD of the Element	Actual CoD of the Element	% Charges recoverable on Scheduled CoD of the Element
Element 1	20	1-Feb-2018	1-Jul-2018	25%
Element 2	28	1-Oct-2018	1-Dec-2018	75%

Tariff Payable as follows:

Transmission Charges for Element 1			**Transmission Charges for Element 2**		
1-Feb-18 to 31-Mar-18	--	0.00		--	0.00
1-Apr-18 to 30-Jun-18	--	0.00		--	0.00
1-Jul-18 to 30-Nov-18	140 X 25% X (153/365)	14.67		--	0.00
1-Dec-18 to 31-Mar-19	140 X 100% X (121/365)				46.41
2	140 X 100% X 1				140
3	140 X 100% X 1				140
4	140 X 100% X 1				140
5	140 X 100% X 1				140
.....					
.....					
36 (1-Apr to 30-Nov)	140 X 100% X (244/365)				93.59

Illustration-3: In case of delay in achieving COD of Project & all individual Elements (COD of the Project achieved in Contract Year 1)

Quoted Transmission Charges: **Rs. 140 Million**

Completion Schedule:

Element No.	Completion Schedule in Months	Scheduled CoD of the Element	Actual CoD of the Element	% Charges recoverable on Scheduled CoD of the Element
Element 1	20	1-Feb-2018	1-Dec-2018	25%
Element 2	28	1-Oct-2018	1-Dec-2018	75%

Tariff Payable as follows:

Transmission Charges for Element 1			**Transmission Charges for Element 2**		
1-Feb-18 to 31-Mar-18	--	0.00		--	0.00
1-Apr-18 to 30-Sept-18	--	0.00		--	0.00
1-Oct-18 to 30-Nov-18	--	0.00	1-Oct-18 to 30-Nov-18	--	0.00
1-Dec-18 to 31-Mar-19	140 X 100% X (121/365)				46.41
2	140 X 100% X 1				140
3	140 X 100% X 1				140
4	140 X 100% X 1				140
5	140 X 100% X 1				140
.....					
.....					
36 (1-Apr to 30-Nov)	140 X 100% X (244/365)				93.59

Illustration-4: In case of delay in achieving COD of Project & all individual Elements (COD of the Project achieved in Contract Year other than Contact Year 1)

Quoted Transmission Charges: **Rs. 140 Million**

Completion Schedule:

Element No.	Completion Schedule in Months	Scheduled CoD of the Element	Actual CoD of the Element	% Charges recoverable on Scheduled CoD of the Element
Element 1	38	1-Oct-2019	1-May-2020	25%
Element 2	38	1-Oct-2019	1-May-2020	75%

Tariff Payment to be paid as:

Transmission Charges for Element 1			Transmission Charges for Element 2		
1-Oct-19 to 31-Mar-20	--	0.00	1-Oct-19 to 31-Mar-20	--	0.00
1-Apr-20 to 30-Apr-20	-	0.00	1-Apr-20 to 30-Apr-20	-	0.00
1-May-20 to 31-Mar-21	140 X 100% X (335/365)				128.49
2	140 X 100% X 1				140
3	140 X 100% X 1				140
4	140 X 100% X 1				140
5	140 X 100% X 1				140
.....					
.....					
36 (1-Apr to 30-Apr)	140 X 100% X (30/ 365)				11.51

Illustration5: In case of delay in achieving COD of Element but Project COD achieved on time

Quoted Transmission Charges: **Rs. 140 Million**

Completion Schedule:

Element No.	Completion Schedule in Months	Scheduled CoD of the Element	Actual CoD of the Element	% Charges recoverable on Scheduled CoD of the Element
Element 1	20	1-Feb-2018	1-Jul-2018	25%
Element 2	30	1-Dec-2018	1-Dec-2018	75%

Tariff Payable as follows:

Transmission Charges for Element 1			Transmission Charges for Element 2		
1-Feb-18 to 31-Mar-18	--	0.00		--	0.00
1-Apr-18 to 30-Jun-18	--	0.00		--	0.00
1-Jul-18 to 30-Nov-18	140 X 25% X (153/365)	14.67		--	0.00

1-Dec-18 to 31-Mar-19	140 X 100% X (121/365)	46.41
2	140 X 100% X 1	140
3	140 X 100% X 1	140
4	140 X 100% X 1	140
5	140 X 100% X 1	140
.....		
.....		
36 (1-Apr to 30-Nov)	140 X 100% X (244/365)	93.59

Illustration-6: In case of early commissioning of Project

Quoted Transmission Charges: **Rs. 140 Million**

Completion Schedule:

Element No.	Completion Schedule in Months	Scheduled CoD of the Element	Actual CoD of the Element	% Charges recoverable on Scheduled CoD of the Element
Element 1	38	1-Oct-2019	1-Jul-2019	25%
Element 2	38	1-Oct-2019	1-Jul-2019	75%

Tariff Payment to be paid as:

Transmission Charges for Element 1	**Transmission Charges for Element 2**	
1-July-19 to 31-Mar-20	140 X 100% X (274/365)	105.09
2	140 X 100% X 1	140
3	140 X 100% X 1	140
4	140 X 100% X 1	140
5	140 X 100% X 1	140
.....		
.....		
36 (1-Apr to 30-Jun)	140 X 100% X (91/365)	34.91

Illustration-7: In case of early commissioning of an element

Quoted Transmission Charges: **Rs. 140 Million**
Completion Schedule:

Element No.	Completion Schedule in Months	Scheduled CoD of the Element	Actual CoD of the Element	% Charges recoverable on Scheduled CoD of the Element
Element 1	38	1-Oct-2019	1-Apr-2019	25%
Element 2	38	1-Jul-2019	1-Jul-2019	75%

Tariff Payment to be paid as:

Transmission Charges for Element 1			**Transmission Charges for Element 2**		
1-Apr-2019 to 30-Jun-19	140 X 25% X (91/365)	8.72	1-Apr-2019 to 30-Jun-19	--	0.00
1-July-19 to 31-Mar-20	140 X 100% X (274/ 365)				105.09
2	140 X 100% X 1				140
3	140 X 100% X 1				140
4	140 X 100% X 1				140
5	140 X 100% X 1				140
.....					
.....					
36 (1-Apr-30-Jun)	140 X 100% X (91/365)				34.91

The Transmission Charges shall be payable on monthly basis as computed above.

1.2 Computation of Monthly Transmission Charges

The Monthly Transmission Charges for any month m in a Contract Year n shall be calculated as below:

For AC System:

a. If Actual Transmission System Availability for the month m of contract year n is greater than or equal to 98% and less than or equal to 98.5%;

Monthly Transmission Charges MTC(m) = Tmn *1

b. If Actual Transmission System Availability for the month m of contract year n exceeds 98.5% and less than or equal to 99.75%;

Monthly Transmission Charges MTC(m) = Tmn * (AA/ 98.5%)

c. If Actual Transmission System Availability for the month m of contract year n is greater than 99.75%;

Monthly Transmission Charges MTC(m) = Tmn * (99.75% / 98.5%)

d. If Actual Transmission System Availability for the month m of contract year n is less than 98%and greater than or equal to 95.00%;

Monthly Transmission Charges MTC(m) = Tmn * (AA/ 98%)

e. If Actual Transmission System Availability for the month m of contract year falls below 95%;

Monthly Transmission Charges MTC(m) = Tmn * (AA/ 98%) - 0.02 * (Tmn * (AA/ 95%)

For DC System:

a. If Actual Transmission System Availability for the month m of contract year n is greater than or equal to 95% and less than or equal to 96%;

Monthly Transmission Charges MTC(m) = Tmn *1

b. If Actual Transmission System Availability for the month m of contract year n exceeds 96% and less than or equal to 99.75%;

Monthly Transmission Charges MTC(m) = Tmn * (AA/ 96%)

c. If Actual Transmission System Availability for the month m of contract year n is greater than 99.75%;

Monthly Transmission Charges MTC(m) = Tmn * (99.75% / 96%)

d. If Actual Transmission System Availability for the month m of contract year n is less than 95% and greater than or equal to 92.00%;

Monthly Transmission Charges MTC(m) = Tmn * (AA/ 95%)

e. If Actual Transmission System Availability for the month m of contract year falls below 92%;

Monthly Transmission Charges MTC(m) = Tmn * (AA/ 95%) - 0.02 * (Tmn * (AA/ 92%)

where:

- AA is the actual Availability, as certified by RPC/ SLDC, as per procedure provided in Schedule 6.
- m is the month in Contract Year 'n'

- Tmn= Transmission Charges for the month 'm' in Contract Year 'n' = (=Transmission Charge/ no. of days in the Year n)* no. of days in month m

Provided, no Transmission Charges shall be paid during the period for which the RLDC/ SLDC has not allowed the operation of the Element/Project due to the failure of the TSP to operate it as per the provisions of the Grid Code.

1.3 SLDC Fee & Charges

The payment of SLDC fee & charges, in accordance with relevant regulations of MERC, shall be the responsibility of the TSP.

Schedule: 5

Quoted Transmission Charges

Quoted Transmission Charges: Rs. 1,265.37 Million

Proportionate Transmission Charges payable for each Element of the Project:

S. No	Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler-1 No. • 132 kV Bus Coupler-1 No.	100%	All Elements are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.

S. No	Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
	• 132 kV Transfer Bus Coupler- 1 set • 125 MVAr, 400 kV Bus Reactor- 1 No • 400 kV Bus Reactor bay-1 No **Future Space Provisions:** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.		
2.	LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)		
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.		
4.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) • 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.		
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing)		

S. No	Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
	• 132 kV line end bays at 132 kV Sakoli (existing)- 02 Nos.		
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.		

Note-

#: Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.

In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.

Schedule: 6

Annexure-VI: Procedure for calculation of Transmission System Availability for a Month

1. Transmission system availability for a calendar month shall be computed by the respective Transmission Licensee, and certified by the MSLDC, separately for each AC and HVDC transmission system. For the purpose of calculation of Transmission System Availability:

   i) AC transmission lines: Each circuit of AC transmission line shall be considered as one element.

   ii) Inter-Connecting Transformers (ICTs): Each ICT bank (three single phase transformer together) shall form one element.

   iii) Static VAR Compensator (SVC): SVC along with SVC transformer shall form one element. However, 50% credit to inductive and 50% to capacitive rating shall be given.

   iv) Bus Reactors/Switchable line reactors: Each Bus Reactors/Switchable line reactors shall be considered as one element.

   v) HVDC Bi-pole links: Each pole of HVDC link along with associated equipment at both ends shall be considered as one element

   vi) HVDC back-to-back Station: Each block of HVDC back-to-back Station shall be considered as one element. If associated AC line (necessary for transfer of inter-regional power through HVDC back-to-back Station) is not available, the HVDC back-to-back Station block shall also be considered as unavailable.

2. The Availability of AC and HVDC portion of Transmission system shall be computed as under:

   % Availability for AC system

$$= \frac{o \times AVo + p \times AVp + q \times AVq + r \times AVr}{o + p + q + r} \times 100$$

   % Availability for HVDC system

$$= \frac{s \times AVs + t \times AVt}{s + t} \times 100$$

   Where

   o = Total number of AC lines;

AVo = Availability of o number of AC lines,

p = Total number of bus reactors/switchable line reactors;

AVp = Availability of p number of bus reactors/switchable line reactors;

q = Total number of ICTs;

AVq = Availability of q number of ICTs;

r = Total number of SVCs;

AVr = Availability of r number of SVCs;

s = Total number of HVDC poles;

AVs = Availability of s number of HVDC poles;

t = Total number of HVDC back-to-back Station blocks;

AVt = Availability of t number of HVDC back-to-back Station blocks.

3. The weightage factor for each category of transmission element shall be as under:

(a) For each circuit of AC line – Surge Impedance Loading (SIL) for Uncompensated line multiplied by ckt-km.

SIL rating for various voltage levels and conductor configurations is given in Appendix-I. However, for the voltage levels and/or conductor configurations not listed in Appendix-I, appropriate SIL based on technical considerations may be used for availability calculation under intimation to long-term transmission customers/DICs.

For compensated AC line, SIL shall be as certified by the Maharashtra State Power Committee (MSPC) Secretariat considering the compensation on the line.

For shunt compensated line, the reduced value of SIL shall be taken in accordance with the location of the reactor. Similarly, in case of the lines with series compensation, the higher SIL shall be taken as per the percentage of compensation.

(b) For each HVDC pole- The rated MW capacity x ckt-km

(c) For each ICT bank – The rated MVA capacity

(d) For SVC- The rated MVAR capacity (inductive and capacitive)

(e) For Bus Reactor/switchable line reactors – The rated MVAR capacity.

(f) For HVDC back-to-back Station connecting two Regional grids- Rated MW capacity of each block.

4. The availability for each category of transmission element shall be computed based on the weightage factor, total hours under consideration and non-available hours for each element of that category. The formulae for calculation of Availability of each category of the transmission elements are as per **Appendix-II**.

5. The transmission elements under outage due to following reasons shall be deemed to be available:
   i. Shut down availed for maintenance or construction of elements of another transmission scheme. If the other transmission scheme belongs to the Transmission Licensee, the MSLDC may restrict the deemed availability period to that considered reasonable for the work involved.
   ii. Switching off of a transmission line to restrict over voltage and manual tripping of switched reactors as per the directions of MSLDC.

6. Outage time of transmission elements for the following contingencies shall be excluded from the total time of the element under period of consideration:
   i. Outage of elements due to acts of God and force majeure events beyond the control of the Transmission Licensee. However, onus of satisfying the MSLDC that element outage was due to aforesaid events and not due to design failure shall rest with the Transmission Licensee. A reasonable restoration time for the element shall be considered and any additional time taken by the Transmission Licensee for restoration of the element beyond the reasonable time shall be treated as outage time attributable to the Transmission Licensee. Circuits restored through ERS (Emergency Restoration System) shall be considered as available.
   ii. Outage caused by grid incident/disturbance not attributable to the Transmission Licensee, e.g., faults in substation or bays owned by other agency causing outage of the Transmission Licensee's elements, and tripping of lines, ICTs, HVDC, etc. due to grid disturbance. However, if the element is not restored on receipt of direction from RLDC while normalizing the system following grid incident/disturbance within reasonable time, the element will be considered not available for the period of outage after issuance of RLDC's direction for restoration.

Appendix-II

FORMULAE FOR CALCULATION OF AVAILABILITY OF EACH CATEGORY OF TRANSMISSION ELEMENTS

$$AV_o\text{(Availability of } o \text{ no. of AC lines)} = \sum_{i=1}^{o} \frac{Wi(Ti - T_{NAi})}{Ti} \Big/ \sum_{i=1}^{o} Wi$$

$$AVs\text{(Availability of s no. of HVDC pole)} = \sum_{j=1}^{s} \frac{Wj(Tj - TNAj)}{Tj} \Big/ \sum_{j=1}^{s} Wj$$

$$AV_q\text{(Availability of } q \text{ no. of ICTs)} = \sum_{K=1}^{q} \frac{Wk(Tk - T_{NA}k)}{Tk} \Big/ \sum_{k=1}^{q} Wk$$

$$AV_r\text{(Availability of r no. of SVCs)} = \left[\sum_{l=1}^{r} \frac{0.5 W_l (T_l - T_{NAl})}{T_l} + \sum_{l=1}^{r} \frac{0.5\, W_{Cl}(T_{Cl} - _{ACl})}{T_{Cl}} \right] \Big/ \left[\sum_{l=1}^{r} 0.5 W_l + \sum_{l=1}^{r} 0.5\, W_{Cl} \right]$$

$$AVp\text{(Availability of } p \text{ no. of Switched Bus reactors)} = \sum_{m=1}^{p} \frac{Wm(Tm - T_{NA}m)}{Tm} \Big/ \sum_{m=1}^{p} Wm$$

$$AVt\text{ (Availability of t no. of HVDC Back-to-back Blocks)} = \sum_{n=1}^{t} \frac{Wn(Tn - T_{NAn})}{Tn} \Big/ \sum_{n=1}^{t} Wn$$

Where Wi = Weightage factor for i^{th} transmission line

Wj = Weightage factor for j^{th} HVDC pole

Wk	=	Weightage factor for k^{th} ICT
Wl&Wcl	=	Weightage factors for inductive & capacitive operation of l^{th} SVC
Wm	=	Weightage factor for m^{th} bus reactor
Wn	=	Weightage factor for n^{th} HVDC back to back block.

Ti, Tj, Tk, Tl, Tcl, = Tm&Tn	The total hours of i^{th} AC line,j^{th} HVDC pole, k^{th} ICT, l^{th} SVC (Inductive Operation), l^{th} SVC (Capacitive Operation),m^{th} Switched Bus Reactor &n^{th} HVDC back-to-back block during the period under consideration (excluding time period for outages not attributable to Transmission Licensee for reasons given in Para 6 of the procedure)
TNAi , TNAj , TNAk = T$NAcl$, TNAm,	The non-availability hours (excluding the time period for TNAl, outages not attributable to transmission Licensee taken as TNAn, deemed availability as per Para 5 of the procedure) for i^{th} AC line, , j^{th} HVDC pole, k^{th} ICT, l^{th} SVC (Inductive Operation), l^{th} SVC (Capacitive Operation), m^{th} Switched Bus Reactor and n^{th} HVDC back-to-back block.

Schedule: 7

Entire Bid (both financial bid and technical bid) of the Selected Bidder to be attached here

Schedule: 8

Contract Performance Guarantee

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution. Foreign entities submitting Bids are required to follow the applicable law in their country.)

In consideration of the .....[Insert name of the SPV or Selected Bidder on behalf of the TSP, or Lead Member in case of the Consortium, with address] agreeing to undertake the obligations under the Transmission Service Agreement dated .....and the other RFP Project Documents and the Nodal Agency and the .....[Insert the name of the BPC], agreeing to execute the *RFP Project Documents* with the Selected Bidder, regarding setting up the Project, the ..... [Insert name and address of the bank issuing the guarantee and address of the head office] (hereinafter referred to as "Guarantor Bank") hereby agrees unequivocally, irrevocably and unconditionally to pay to ..... (being the Nodal Agency) at .....[Insert the Place from the address of the Nodal Agency indicated in the TSA] forthwith on demand in writing from the Nodal Agency or any Officer authorized by it in this behalf, any amount up to and not exceeding Rupees ..... Crores (Rs. .....) only [Insert the amount of the bank guarantee] on behalf of M/s. ..... [Insert name of the Selected Bidder or SPV].

This guarantee shall be valid and binding on the Guarantor Bank up to and including .....and shall not be terminable by notice or any change in the constitution of the Bank or the term of the Transmission Service Agreement or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between parties to the respective agreement.

Our liability under this Guarantee is restricted to Rs. ..... Crores (Rs. .....) only. Our Guarantee shall remain in force until ..... [Insert the date of validity of the Guarantee as per Article 3.1.2 of this Agreement]. The Nodal Agency shall be entitled to invoke this Guarantee up to three hundred sixty five (365) days of the last date of the validity of this Guarantee.

The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand from ..... (in its roles as the Nodal Agency), made in any format, raised at the above mentioned address of the Guarantor Bank, in order to make the said payment to Nodal Agency.

The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by ..... [Insert name of the Selected Bidder], ... [Insert name of the TSP] and / or any other person. The Guarantor Bank shall not require Nodal Agency to justify the invocation of this

BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against Nodal Agency in respect of any payment made hereunder.

THIS BANK GUARANTEE shall be interpreted in accordance with the laws of India.

The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

THIS BANK GUARANTEE shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Guarantor Bank.

THIS BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and accordingly Nodal Agency shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against ..... [Insert name of the SPV] or the Selected Bidder, as the case may be, to make any claim against or any demand on ..... [Insert name of the SPV] or the Selected Bidder, as the case may be, or to give any notice to ..... [Insert name of the SPV] or the Selected Bidder, as the case may be, or to enforce any security held by the Nodal Agency or to exercise, levy or enforce any distress, diligence or other process against ..... [Insert name of the SPV] or the Selected Bidder, as the case may be.

The Guarantor Bank acknowledges that this BANK GUARANTEE is not personal to Nodal Agency and may be assigned, in whole or in part, (whether absolutely or by way of security) by Nodal Agency to any entity to whom the Nodal Agency is entitled to assign its rights and obligations under the Transmission Service Agreement.

The Guarantor Bank hereby agrees and acknowledges that Nodal Agency shall have a right to invoke this Bank Guarantee either in part or in full, as it may deem fit.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to Rs. ..... Crores (Rs. .....) only and it shall remain in force until .....[Date to be inserted on the basis of Article 3.1.2of the Transmission Service Agreement], with an additional claim period of three hundred sixty five (365) days thereafter. This BANK GUARANTEE shall be extended from time to time for such period, as may be desired by ..... [Insert name of the Selected Bidder or Lead Member in case of the Consortium or SPV]. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if Nodal Agency serves upon us a written claim or demand.

In witness where of:

Signature .....

Name: .....

Power of attorney No.: .....

For:

..... [Insert Name of the Bank]

Banker's Seal and Full Address, including mailing address of the Head Office

Schedule: 8A

(ISB for CPG)

FORMAT FOR SURETY INSURANCE CONTRACT

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.

Foreign entities submitting Bids are required to follow the applicable law of India)

In consideration of the ..... [Insert name of the SPV or Selected Bidder on behalf of SPV or Lead Member in case of the Consortium, with address] (hereinafter referred to as the **'Principal Debtor'** for the purposes of this Surety Insurance Contract as provided in Section 126 of the Indian Contract Act, 1872) having been selected to undertake the Transmission Project on the terms and conditions contained in the Transmission Service Agreement dated ...../ to be executed as per the Model Transmission Service Agreement provided along with the Request for Proposal **('RFP')** and other RFP Project Documents, subject to the condition of providing a Performance Bank Guarantee or a Surety Insurance Contract guaranteeing/insuring the due performance of the obligations under the Transmission Service Agreement, to the Nodal Agency, the [Insert name and address of the Insurance Company issuing the Surety Insurance Contract and address of the head office] (hereinafter referred to as **"Surety")** hereby agrees unequivocally, irrevocably, absolutely and unconditionally, without demur, to pay to the Nodal Agency at _____ [Insert Place and Address of the Nodal Agency indicated in Transmission Service Agreement, or to the designated Bank Account of the Nodal Agency, namely.....] forthwith on demand in writing from the Nodal Agency, or any Officer authorized by it in this behalf, intimated to the Surety at the address mentioned above, any amount as may be decided by the Nodal Agency not exceeding Rupees .....Crores (Rs.....) only [Insert the amount of the Surety Insurance Contract]

The Surety hereby acknowledges, accepts and confirms that the Surety has received from the Principal Debtor, by way of premium the entire consideration for the Surety to execute, in favour of the Nodal Agency, this Surety Insurance Contract, as extended by the Surety from time to time and assuming the obligation to pay to the Nodal Agency the amount in terms hereof, without any requirement for payment of any other consideration to the Surety by the Principal Debtor, or otherwise.

This Surety Insurance Contract shall be valid and binding on the Surety, as the principal obligation of the Surety to pay on demand by the Nodal Agency, and shall not be terminable by notice or any change in the constitution of the Surety or the term of the Transmission Service Agreement or by any other reasons whatsoever and the liability hereunder of the Surety shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed (with or without the knowledge or consent of the Surety) by or between the Principal Debtor and the Nodal Agency.

The liability of the Surety under this Surety Insurance Contract is restricted to Rupees ..... Crores (Rs) only. The Surety Insurance Contract shall remain in force until [Insert the date of validity of the Surety Insurance Contract]. The Nodal Agency shall be entitled to invoke this Surety Insurance Contract up to three hundred sixty five (365) days after the last date of the validity of this Surety Insurance Contract.

The Surety hereby expressly agrees that it shall not require any proof except for the written demand from the Nodal Agency, containing the statement that the contractor has failed to meet its contractual obligations raised at the above mentioned address of the Surety (address of Surety office should be a place in NCR only) and the Surety shall pay the amount without reference to the Principal Debtor.

Any such demand made by the Nodal Agency on the Surety shall be conclusive and binding not withstanding any difference between the Nodal Agency and the Principal Debtor or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Surety undertakes not to revoke this guarantee during its currency without previous consent of the Nodal Agency and further agrees that the Surety Insurance Contract herein contained shall continue to be enforceable till the Nodal Agency discharges this contract or till the expiry of tenor (including Claim period) whichever is earlier.

The Surety shall make payment hereunder within two (02) working days on first demand without restriction or conditions and notwithstanding any objection by the Principal Debtor, namely, ... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person. The Surety shall not require the Nodal Agency to justify the invocation of this Surety Insurance Contract, nor shall the Surety have any recourse against the Nodal Agency in respect of any payment made hereunder.

This SURETY INSURANCE CONTRACT shall be interpreted in accordance with the laws of India.

This SURETY INSURANCE CONTRACT is being executed by the Surety in terms of the IRDAI (Surety Insurance Contract) Guidelines, 2022 and the Surety hereby acknowledges, accepts and confirms that this Surety Insurance Contract shall be a Contract of Guarantee as provided under Section 126 of the Indian Contract Act, 1872 and further shall be covered by Section 14(3)(b) of the Insolvency and Bankruptcy Code, 2016 (as amended) shall be enforceable as such.

The Surety represents that this Surety Insurance Contract has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Surety in the manner provided herein.

This SURETY INSURANCE CONTRACT shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Surety.

In order to give effect to this surety Bond, the Nodal Agency shall be entitled to act as if the surety insurer were the principal debtor and any change in the constitution of the contractor and/or the surety insurer, whether by their absorption with any other body or corporation or otherwise, shall not in any way or manner affect the liability or obligation of the surety insurer under this surety Bond.

This SURETY INSURANCE CONTRACT shall be a primary obligation of the Surety as a Principal to pay on demand by the Nodal Agency and the Nodal Agency shall not be obliged before enforcing this Surety Insurance Contract to take any action in any court or arbitral proceedings against the Principal Debtor, namely, ... [Insert name of SPV], or ... ...[Insert name of the Selected Bidder], or ....[Insert name of the TSP] and/or any other person, as the case may be, to make any claim against or any demand on the Principal Debtor, namely, ... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or..... [Insert name of the TSP] and/or any other person, as the case may be, or to give any notice to Principal Debtor, namely..... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be, or to enforce any security held by the Nodal Agency or to exercise, levy or enforce any distress, diligence or other process against the Principal Debtor, namely, ... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be.

The Surety acknowledges that this Surety Insurance Contract is not personal to the Nodal Agency and may be assigned, in whole or in part, (whether absolutely or by way of security) by Nodal Agency to any entity to whom the Nodal Agency is entitled to assign its rights and obligations under the Transmission Service Agreement Provided that any such assignment shall be in compliance with the relevant provisions of the Insurance Act 1938

The Surety hereby agrees and acknowledges that the Nodal Agency shall have a right to invoke this Surety Insurance Contract either in part or in full, as it may deem fit. In case of invocation of this Surety Insurance Contract in part, besides making payment for the part of Surety Insurance Contract invoked, surety at the request of Nodal Agency shall amend the value of Surety Insurance Contract to the extent of balance amount.

The Surety undertakes not to revoke this Surety Contract during its currency, except with the previous express consent of the Nodal Agency in writing and declares and warrants that it has the power to issue this Surety Contract and the undersigned has full powers to do so on behalf of the Surety

In witness where of:

Signature.....

Name: .....

Power of attorney No/ Employee No. as applicable.: .....

For:

. ..... [Insert Name of the Surety-Insurance Company]

Banker's Seal and Full Address, including mailing address of the Head Office

Notes: 1. The Stamp Paper should be in the name of the Executing Insurance Company.

Schedule: 8B

(POI for CPG)

Format for Issuance of Payment on Order Instrument

Dear Sir,

1. Indian Renewable Energy Development Agency Limited ('IREDA")/PFC/REC has sanctioned a non-fund based limit loan of Rs. (Rupees..... Only) to M/s. .... [Insert name of SPV or selected Bidder] under the Loan Agreement executed on ..... to execute Transmission System Projects.

2. In consideration of the .....[Insert name of the SPV or Selected Bidder on behalf of SPV or Lead Member in case of the Consortium, with address] for the purposes of this Payment on Order Instrument ("POI") having been selected to undertake the Transmission Project on the terms and conditions contained in the Transmission Service Agreement dated ...../ to be executed as per the draft of the Model Transmission Service Agreement provided along with the Request for Proposal (,,RFP") and other RFP Project Documents, subject to the condition of providing a POI guaranteeing the due performance of the obligations under the Transmission Service Agreement to the Nodal Agency, the.....[Insert name and address of the non-banking financial institutions(IREDA/PFC/REC) issuing the POI and address of the head office] (hereinafter referred to as "**Guarantor**") hereby agrees unequivocally, irrevocably, absolutely and unconditionally, without demur, to pay to the Nodal Agency at ..... [Insert Place and Address of the Nodal Agency indicated in Transmission Service Agreement, or to the designated Bank Account of the Nodal Agency, namely .....] forthwith on demand in writing from the Nodal Agency, or any Officer authorized by it in this behalf, intimated to the Guarantor at the address mentioned above, any amount as may be decided by the Nodal Agency not exceeding Rupees ..... Crores (Rs) only [Insert the amount of Payment on Order Instrument]

3. At the request of .....and on behalf of M/s ....., [Insert name of SPV or selected Bidder] this Payment on Order Instrument (POI) for an amount of Rs. ..... (Rupees .....) is being issued with IREDA/PFC/REC assuming the obligations to remit such amount to MSTU from the sanctioned loan.

4. This Payment on Order Instrument comes into force immediately and IREDA/PFC/REC confirms that it has sufficient amount out of the sanctioned loan and shall maintain the required amount to pay under this Payment on Order Instrument, during the validity and claim period of this Payment on Order Instrument.

5. This POI has been issued by IREDA/PFC/REC utilizing the credit limit of M/s.....[Insert name of SPV or selected Bidder] IREDA/PFC/REC confirms that its liability to pay under this Payment on Order Instrument shall be primary and independent of whether at the time of invocation of Payment on Order Instrument, the sanctioned funds are available or not and

notwithstanding, the status of M/s ..... [Insert name of SPV or selected Bidder] at the relevant time and to whether IREDA/PFC/REC is able to recover the amount advanced by it to the said developer.

6. IREDA/PFC/REC and M/s. .....[Insert name of SPV or selected Bidder] hereby acknowledges, accepts and confirms that this Payment on Order Instrument shall be a Contract of Guarantee as provided under Section 126 of the Indian Contract Act, 1872 and further shall be covered by Section 14(3)(b) of the Insolvency and Bankruptcy Code, 2016 (as amended) shall be enforceable as such.

7. IREDA/PFC/REC liability under this POI is restricted to Rupees Crores (Rs.....) only. This POI shall remain in force until..... [Insert the date of validity of the POI]. The Nodal Agency shall be entitled to invoke this POI up to three hundred sixty-five (365) days after the last date of the validity of this POI. This POI shall be extended from time to time for such period, as may be desired by the TSP.

8. The Guarantor hereby expressly agrees that it shall not require any proof except for the written demand from the Nodal Agency, raised at the above- mentioned address of the Guarantor (address of Guarantor office should be in NCR only) and the Guarantor shall pay the amount to the Nodal Agency without reference to the TSP.

9. Any such demand made by the Nodal Agency on the Guarantor shall be conclusive and binding not withstanding any difference between the Nodal Agency and the TSP or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Guarantor undertakes not to revoke this guarantee during its currency without previous consent of the Nodal Agency and further agrees that the POI herein contained shall continue to be enforceable till the Nodal Agency discharges this contract or till the expiry of tenure or (including Claim period) whichever is earlier.

10. The Guarantor shall make payment hereunder within two (02) working days on first demand without restriction or conditions and notwithstanding any objection or disputes raised by the TSP, namely, ... [Insert name of SPV], or [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person. The Guarantor shall not require the Nodal Agency to justify the invocation of this POI, nor shall the Guarantor have any recourse against the Nodal Agency in respect of any payment made hereunder.

11. This POI shall be interpreted in accordance with the laws of India.

12. The Guarantor represents that this POI Contract has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor in the manner provided herein.

13. This POI shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Guarantor.

14. This POI Contract shall be a primary obligation of the Guarantor as a Principal to pay on demand by the Nodal Agency and the Nodal Agency shall not be obliged before enforcing this POI Contract to take any action in any court or arbitral proceedings against the TSP, namely, ... [Insert name of SPV], or..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be to make any claim against or any demand on the TSP, namely, ... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be, or to give any notice to TSP, namely..... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be, or to enforce any security held by the Nodal Agency or to exercise, levy or enforce any distress, diligence or other process against the TSP, namely, ... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be.

15. The Guarantor acknowledges that this POI Contract is not personal to the Nodal Agency and may be assigned, in whole or in part, (whether absolutely or by way of security) by Nodal Agency to any entity to whom the Nodal Agency is entitled to assign its rights and obligations under the Transmission Service Agreement.

16. The Guarantor hereby agrees and acknowledges that the Nodal Agency shall have a right to invoke this POI Contract either in part or in full, as it may deem fit. In case of invocation of this POI Contract in part, besides making payment for the part of POI Contract invoked, Guarantor at the request of Nodal Agency shall amend the value of POI Contract to the extent of balance amount.

IN WITNESS WHERE OF the non- banking financial institutions through its authorized officer, has set its hand and stamp on this..... day of.....at.....

Signature .....

Name:

Power of attorney No.:

For: ..... [Insert Name of the non- banking financial institutions Company]

Seal and Full Address, including mailing address of the Head Office

Schedule: 9

Methodology for determining the Relief Under Force Majeure Event & Change in Law during Construction Period

The relief in the form of revision in tariff due to Force Majeure Event leading to extension of Scheduled COD for a period beyond one hundred eighty (180) days and/ or Change in Law during the construction period shall be as under:

$\Delta T = [(P \times d)] \div [1-(1+ d)^{(-n)}]$

Where,

ΔT = Change in Transmission Charges for each year

P = Sum of cumulative increase or decrease in the cost of the Project due to Change in Law and interest cost during construction corresponding to the period exceeding one hundred eighty (180) due to Force Majeure Event leading to extension of Scheduled COD for a period beyond one hundred eighty (180) days

n = number of years over which the Transmission Charges has to be paid

d = Discount rate as notified by the CERC, applicable on the Bid Deadline

The increase in Transmission Charges as stated above shall be applicable only if the value of increase in Transmission Charges as calculated above exceeds 0.30% (zero point three percent) of the quoted Transmission Charges of the TSP.

Annexure A-2

सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS

Central Registration Centre

Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 and sub-section (1) of section 8 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]

I hereby certify that SAKOLI POWER TRANSMISSION LIMITED is incorporated on this SEVENTH day of JULY TWO THOUSAND TWENTY FIVE under the Companies Act, 2013 (18 of 2013) and that the company is Company limited by shares

The Corporate Identity Number of the company is **U42202DL2025GOI451359**

The Permanent Account Number (PAN) of the company is **ABQCS6932B***

The Tax Deduction and Collection Account Number (TAN) of the company is **DELS15119N***

Given under my hand at Manesar this SEVENTH day of JULY TWO THOUSAND TWENTY FIVE

Signature Not Verified
Digitally signed by
DS MINISTRY OF CORPORATE
AFFAIRS , CRC MANESAR 2
Date: 2025.07.07 15:47:02 IST

Charan Singh

Assistant Registrar of Companies/ Deputy Registrar of Companies/ Registrar of Companies

For and on behalf of the Jurisdictional Registrar of Companies

Registrar of Companies

Central Registration Centre

Disclaimer: This certificate only evidences incorporation of the company on the basis of documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the company can be verified on mca.gov.in

Mailing Address as per record available in Registrar of Companies office:

SAKOLI POWER TRANSMISSION LIMITED

CORE-4, SCOPE COMPLEX, 7, LODHI ROAD, Lodi Road, New Delhi, South Delhi- 110003, Delhi

*as issued by Income tax Department

Annexure A-3

MAHATRANSCO
Maharashtra State Electricity Transmission Co. Ltd



MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED
CIN No.: U40109MH2005SGC153646

Office of the Chief Engineer (State Transmission Utility)
Prakashganga,4th floor, 'A' wing, Plot C -19,
E - Block, BKC, Bandra (E), Mumbai – 400051.
Phone no: (O) 022 – 2659 5176, (P)022- 265 95175,
Email Id : cestu@mahatransco.in

No. MSETCL/CO/CE/STU-TBCB/RECPDCL/ No – 7353, **Date:** 21 AUG 2025

To,

Shri Rajesh **Deputy Director (PSPM)** Central Electricity Authority Room No. 403, 4th Floor (North) Sewa Bhawan, R.K Puram, Sector-1 New Delhi- 110066	**Shri Girish Pantoji** **Chief Engineer (In charge),** Maharashtra State Load Despatch Centre Thane-Belapur Rd. P.O. Airoli Navi Mumbai Pin 400708
Shri Sandip Patil **Chief Engineer (Power Purchase),** **Maharashtra State Electricity Distribution Company Limited** Prakashgad, Plot No. G-9, Anant Kanekar Marg Bandra (E), Mumbai–400051	**Shri Anil Nagendra Kalekar** **C.G.M. (F&A),** Maharashtra State Electricity Distribution Company Limited Prakashgad, Plot No. G-9, Anant Kanekar Marg Bandra (E), Mumbai–400051
Smt. Navita Dubal **GM (Tech) & HoD** **REC Power Development & Consultancy Ltd.,** D Block, 1st Floor, REC World Headquarters, Plot No. 14,Sector 29, Gurgaon, Haryana - 122001	

Subject: Constitution of Bid Evaluation Committee (BEC) for Intra State Transmission Projects to be executed through TBCB in the State of Maharashtra.

Reference: MoM of 7th meeting of Empowered Committee held on 12th March, 2025

Sir,

The Empowered Committee for execution of Transmission Projects under TBCB in its Seventh meeting held on 12.03.2025 approved the constitution of Bid Evaluation Committee for evaluating the bids of TBCB Projects as under:

1. Chief Engineer (STU)-Chairman
2. Representative from Central Electricity Authority (CEA)
3. Representative from Maharashtra Transmission Committee (MTC) - CE (SLDC)
4. Representative from Maharashtra Transmission Committee (MTC)-CE (Power Purchase), MSEDCL
5. Independent Finance Expert - CGM (F&A), MSEDCL
6. Representative from BPC

Based on the above, CE (STU) requested the CEA and RECPDCL (BPC) to nominate the member for constitution of Bid Evaluation Committee. Based on the nominations received, the Bid Evaluation Committee has been constituted for following projects for which RECPDCL is acting as BPC and RFP NIT for Project 1 has been published, while the RFP NIT for Projects 2 and 3 will be published subsequently.

Sr. No	Projects Name
1	**Establishment of 400/220/132 kV AIS Umred (Dist. Nagpur)**
2	**Establishment of 400/132 kV AIS Jalna (Dist.Jalna)**
3	**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)**

The Bid Evaluation Committee for above projects is constituted as follows:
1. Chief Engineer (STU)-Chairman
2. Shri Rajesh, Deputy Director (PSPM) -CEA
3. Chief Engineer-SLDC
4. Chief Engineer (Power Purchase)-MSEDCL
5. Chief General Manager (F&A)-MSEDCL
6. Smt. Navita Dubal,GM (Tech) & HoD-RECPDCL

The meeting of the Bid Evaluation Committee for the above projects will be convened once bids are received to undertake the evaluation of bids submitted in response to the RFP.

Thanking you,

Your's faithfully,

(Peeyush Sharma)
Chief Engineer – Maharashtra STU

Copy f.w.c.to:
The Chief Executive Officer, REC Power Development & Consultancy Limited, New Delhi.

SINGLE STAGE REQUEST FOR PROPOSAL DOCUMENT

FOR

SELECTION OF BIDDER AS TRANSMISSION SERVICE PROVIDER THROUGH TARIFF BASED COMPETITIVE BIDDING PROCESS

TO

DEVELOP INTRA-STATE TRANSMISSION PROJECT

FOR

ESTABLISHMENT OF 400/220/132 kV AIS SAKOLI (DIST. BHANDARA)

ISSUED BY

REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)

Registered Office:
Core-4, SCOPE Complex,
7, Lodhi Road, New Delhi – 110 003
Email: vijay.kulkarni@recpdcl.in, tbcb@recpdcl.in

16.12.2025

REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
Core-4, SCOPE Complex,
7, Lodhi Road, New Delhi – 110 003

Request for Proposal Document for selection of Bidder as Transmission Service Provider through tariff based competitive bidding process to establish Intra-State Transmission Project i.e. **"Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"** is issued by REC Power Development and Consultancy Limited.

This RFP document is issued to -

M/s. _____

_____

_____

_____

_____

Chief Executive Officer

REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)

Email: …….

Place: ……

Date: ……

Signature: ……

REQUEST FOR PROPOSAL NOTIFICATION

REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
Core-4, SCOPE Complex,
7, Lodhi Road, New Delhi – 110 003

1. The Government of Maharashtra vide its Gazette Notification No. Sankirna-0125/P.R.32/Urja-4 dated 09.04.2025 has notified REC Power Development and Consultancy Limited to be the Bid Process Coordinator (BPC) for the purpose of selection of Bidder as Transmission Service Provider (TSP) to develop Intra-State Transmission Project i.e. "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"** to be implemented through tariff based competitive bidding process.

2. REC Power Development and Consultancy Limited (hereinafter referred to as BPC) hereby invites all prospective Bidders for issue of Request for Proposal (RFP) for selection of Bidder as Transmission Service Provider (TSP) on the basis of international competitive bidding in accordance with the "Tariff Based Competitive Bidding Guidelines for Transmission Service" and "Guidelines for Encouraging Competition in Development of Transmission Projects" issued by Government of India, Ministry of Power under section – 63 of The Electricity Act, 2003 and as amended from time to time. The responsibility of the TSP would be to develop the following Intra-State Transmission Project i.e. "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)**" (hereinafter referred to as 'Project') on build, own, operate & transfer basis and to provide transmission service:

Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)		
Sl. No.	**Scope of the Transmission Scheme**	**Scheduled COD in months from Effective Date**
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler-1 No. • 132 kV Bus Coupler-1 No. • 132 kV Transfer Bus Coupler- 1 set **Future Space Provisions:**	24 months from the effective date

Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)		
Sl. No.	**Scope of the Transmission Scheme**	**Scheduled COD in months from Effective Date**
	• 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.	
2.	LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)	
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.	
4.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) • 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.	
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.	
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.	
Note- *Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.* *In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.*		

3. The TSP shall ensure that design, construction and testing of all equipment, facilities, components and systems of the Project shall be in accordance with the provisions of the Transmission Service Agreement and applicable Rules/ Regulations, Orders, Codes and Guidelines issued by the State Government and State Commission and other relevant Orders, Rules/ Regulations of Central Government and Central Commission, as applicable.

4. **Transmission License**: The TSP shall obtain the Transmission License from the State Commission.

5. **Bidding Process:** The Transmission Service Provider shall be selected through tariff based competitive bidding process for the Project based on meeting stipulated Qualification Requirements prescribed in Clause 2.1 of Section 2 of RFP and the lowest Quoted Transmission Charges discovered from Final Offers quoted during the e-reverse bidding. The selection of the TSP shall be subject to it obtaining Transmission License from the State Commission, which, after expiry, may be further extended by such period as deemed appropriate by the State Commission under powers vested with it to amend the conditions of the Transmission License.

   The entire bidding process shall be conducted on electronic platform created by MSTC Limited.

   The Bid shall be a single stage two envelope bid comprising the Technical Bid and the Financial Bid. The Bidders shall submit the Bid online through the electronic bidding platform. In addition to the online submission, the Bidder with lowest Final Offer will be required to submit original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14 before issuance of LoI. There shall be no physical submission of the Financial Bid.

   The Technical Bid shall be opened first and the Financial Bid of only the bidders who have qualified in the Technical Bid shall be opened. The Financial Bid will comprise of two rounds. In the first round the Initial Offer of the responsive bids would be opened and Quoted Transmission Charges of Initial Offer shall be ranked on the basis of ascending order. The Bidders, in the first fifty per cent of the ranking (with any fraction rounded off to higher integer) or four Bidders, whichever is higher, shall qualify for participating in the electronic reverse auction stage and submit their Final Offer.

6. The objective of the bidding process is to select a Successful Bidder pursuant to this RFP, who shall acquire one hundred percent (100%) of the equity shares of Sakoli Power Transmission Limited along with all its related assets and liabilities as per the provisions of the Share Purchase Agreement, at the Acquisition Price to be intimated by the BPC, twenty (20) days prior to the Bid Deadline.

   The Sakoli Power Transmission Limited, of which one hundred percent (100%) equity shares will be acquired by the Selected Bidder, shall be responsible as the TSP, for ensuring that it undertakes ownership, financing, development, design, engineering, procurement, construction, commissioning, operation and maintenance of the Project, and to provide Transmission Service as per the terms of the RFP Project Documents.

   The TSP shall ensure transfer of all project assets with substation land, right of way and clearances to Maharashtra STU or its successors or an agency as decided by the Government of Maharashtra after 35 years from COD of Project at zero cost and free from any encumbrance and liability. The transfer shall be completed within 90 days after 35 years from COD of Project failing which Government of Maharashtra shall be entitled to take over the project assets Suo moto.

7. **Commencement of Transmission Service**: The Bidder shall have to commence Transmission Service in accordance with the provisions of the Transmission Service Agreement.

8. **Transmission Charges**: The Transmission Charges shall be payable by the Long Term Transmission System Users in Indian Rupees through the Nodal Agency as per Maharashtra Electricity Regulatory Commission (Sharing of Intra-State Transmission Charges and Losses) Regulations as amended from time to time. Bidders shall quote the Transmission Charges as per the pre-specified structure, as mentioned in the RFP.

9. **Issue of RFP document:** The detailed terms and conditions for qualification and selection of the Transmission Service Provider for the Project and for submission of Bid are indicated in the RFP document. All those interested in purchasing the RFP document may respond in writing to Chief Executive Officer, vijay.kulkarni@recpdcl.in & tbcb@recpdcl.in at the address given in para 12 below with a non-refundable fee of Rs. 5,00,000/- (Rupees Five Lakh Only) or US$ 7,000 (US Dollars Seven Thousand Only) plus GST @18%, to be paid latest by 16.02.2026 via electronic transfer to the following Bank Account:

Bank Name, Address & Branch	ICICI Bank 9A, Phelps Building, Inner Circle, Connaught Place, New Delhi110001
Bank Account Name	REC Power Development & Consultancy Limited
Bank Account No	000705041275
Bank IFSC Code No	ICIC0000007

Immediately after issuance of RFP document, the Bidder shall submit the Pre-Award Integrity Pact in the format as prescribed in Annexure B, which shall be applicable for and during the bidding process, duly signed on each page by any whole-time Director / Authorized Signatory, duly witnessed by two persons, and shall be submitted by the Bidder in two (2) originals in a separate envelope, duly superscripted with Pre-Award Integrity Pact. The Bidder shall submit the Pre-Award Integrity Pact on non-judicial stamp paper of Rs. 100/- each duly purchased from the National Capital Territory of Delhi. In case the Bidder is in a consortium, the Pre-Award Integrity Pact shall be signed and submitted by each member of the Consortium separately.

The RFP document shall be issued to the Bidders on any working day from 16.12.2025 to 16.02.2026 between 1030 hours (IST) to 1600 hours (IST). The BPC, on written request and against payment of the above mentioned fee by any Bidder shall promptly dispatch the RFP document to such Bidder by registered mail/ air mail. BPC shall, under no circumstances, be held responsible for late delivery or loss of documents so mailed.

10. **Receipt and opening of Bid:** The Bid must be uploaded online through the electronic bidding platform on or before 1500 hours (IST) on 17.02.2026. Technical Bid will be opened by the Bid Opening Committee on the same day at 1530 hours (IST) in the office of Chief Engineer (Maharashtra STU), Mumbai, in the online presence of Bidders' representatives who wish to attend. If the Bid Deadline is a public holiday at the place of submission of Bid, it shall be opened on the next working day at the same time and venue. In addition to the online submission, the Bidder with lowest Final Offer will be required to submit original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14 before issuance of LoI. Bidders meeting the Qualification Requirements, subject to evaluation as specified in Clause **3.2** to **3.4** shall be declared as "Qualified Bidders" and eligible for opening of Initial Offer.

11. The RFP document is not transferable. BPC reserves the right to reject all Bid and/or annul the process of tariff based competitive bidding for selection of Bidder as TSP to execute the

Project without assigning any reason. BPC shall not bear any liability, whatsoever, in this regard.

12. **Nodal person for enquiries and clarifications**

All correspondence and clarification in respect of RFP document shall be addressed to:

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001
Email: vijay.kulkarni@recpdcl.in & tbcb@recpdcl.in

DISCLAIMER

1. This Request for Proposal (RFP) document is not an agreement or offer by the BPC to the prospective Bidders or to any other party. The purpose of this RFP document is to provide interested parties with information to assist the formulation of their Bid. The RFP document is based on material and information available in public domain.

2. This RFP, along with its Annexures, is not transferable and the information contained therein are to be used only by the person to whom it is issued. It may not be copied or distributed by the recipient to third parties (other than in confidence to the recipient's professional advisors). In the event that the recipient does not continue with its involvement in the Project in accordance with this RFP, this RFP must be kept confidential.

3. While this RFP has been prepared in good faith, neither the BPC nor its employees or advisors/consultants make any representation or warranty expressed or implied as to the accuracy, reliability or completeness of the information contained in this RFP. The Bidders shall satisfy themselves, on receipt of the RFP document, that the RFP document is complete in all respects. Intimation of any discrepancy shall be given to this office immediately. If no intimation is received from any Bidder within ten (10) days from the date of issue of this RFP document on or before the date & time mentioned in this RFP, it shall be considered that the issued document, complete in all respects, has been received by the Bidders.

   This bidding process is in accordance with the Bidding Guidelines issued by Ministry of Power, Government of India under Section 63 of the Electricity Act, 2003. Revisions or amendments in these Bidding Guidelines may cause the BPC to modify, amend or supplement this RFP document, including the RFP Project Documents to be in conformance with the Bidding Guidelines.

4. This RFP document includes statements, which reflect various assumptions arrived at by BPC in order to give a reflection of current status in the RFP. These assumptions should not be entirely relied upon by Bidders in making their own assessments. This RFP document does not purport to contain all the information each Bidder may require and may not be appropriate for all persons. It is not possible for BPC to consider the investment objectives, financial situation and particular needs of each party who reads or uses this RFP document. Certain Bidders may have a better knowledge of the Project than the others. Each Bidder should conduct its own investigations and analysis and should check the accuracy, reliability and completeness of the information in this RFP document and obtain independent advice from appropriate sources.

5. Neither BPC nor their employees or consultants make any representation or warranty as to the accuracy, reliability or completeness of the information in this RFP document.

6. Neither BPC, its employees nor its consultants will have any liability to any Bidder or any other person under the law of contract, tort, the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this RFP document, any matter deemed to form part of this RFP document, the award of the Project, the information supplied by or on behalf of BPC or its employees, any consultants or otherwise arising in any way from the qualification process for the said Project.

7. By participating in the bidding process, each of the Bidder shall have acknowledged and accepted that it has not been induced to enter into such agreement by any representation or warranty, expressed or implied, or relied upon any such representation or warranty by or on behalf of BPC or any person working in the bidding process.

8. BPC may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement this RFP document. Such updations, amendments or supplements, if any, will however be circulated to the Bidders not later than 15 days prior to the last date for submission of Bid.

9. Each Bidder unconditionally agrees, understands and accepts that the BPC reserves the rights to accept or reject any or all Bids without giving any reason. Neither the BPC nor its advisers shall entertain any claim of any nature, whatsoever, including without limitations, any claim seeking expenses in relation to the preparation of Bids.

10. This RFP may be withdrawn or cancelled by the BPC at any time without assigning any reasons thereof. BPC further reserves the right, at its complete discretion to reject any or all of the Bids without assigning any reasons whatsoever.

INDEX

SECTION	CONTENTS	PAGE NO.
	DEFINITIONS	12
1.	INTRODUCTION	18
2.	INFORMATION AND INSTRUCTIONS FOR BIDDERS	25
3.	EVALUATION OF THE TECHNICAL AND FINANCIAL BID	53
4.	ANNEXURES FOR BID	59
	ANNEXURES	
1	Format for the Covering Letter	61
2	Format for Letter of Consent from Consortium Members	65
3	Format for evidence of authorized signatory's authority (Power of Attorney)	67
4	Format for Power of Attorney to be provided by each of the other members of the Consortium in favor of the Lead Member	69
5	Format for Bidder's composition and ownership structure and Format for Authorization	71
6	Format for Consortium Agreement	74
7A	Format for Qualification Requirement – Net worth	78
7B	Format for Technical Requirement	81
7C	Format for Technical and Financial Requirement – Relationship & Equity Shareholding	85
7D	Format for Additional Information for verification of Financial and Technical Capabilities of Bidders	87
8	Format for Undertaking and Details of Equity Investment	90
9	Format for Authorization from Parent / Affiliate of Bidding Company / Member of Bidding Consortium whose technical / financial capability has been used by the Bidding Company / Member of Bidding Consortium.	96
10	Format for Undertaking by Technically/Financially Evaluated Entity/Ultimate Parent Company	98
11	Format for Board Resolution	100
11A	Illustration for Applicable Board Resolution Requirements under Clause 2.5.2	103
12	Format for illustration of Affiliates	105
13	Format for disclosure	106

SECTION	CONTENTS	PAGE NO.
14	Format For Bid Bond	107
14A	Format of the Surety Bond for Bid Security	109
14B	Format of Payment on Order Instrument to be issued by IREDA/REC/PFC	111
15	Format for Contract Performance Guarantee	114
15A	Format For Surety Insurance Contract	116
15B	Format for Issuance of Payment on Order Instrument	120
16	Format for Checklist for Technical Bid Submission Requirements	124
17	List of Banks	127
18	Grid Map of the Project	128
19	Format for Clarifications / Amendments on the RFP / RFP Project Documents	129
20	Formats For RFP Project Documents	130
21	Format For Financial Bid	131
22	Format of Affidavit	132
	Annexure A	134
	Annexure-B	135
	Annexure-C	142

DEFINITIONS

Any capitalized term, used but not defined in this RFP, shall have the meaning ascribed to such term in the RFP Project Documents, or the Bidding Guidelines, in that order. In absence of availability of definitions in the foregoing references, the capitalized terms shall be interpreted in accordance with the Electricity Act 2003, Grid Code or any other relevant electricity law, rule or regulation prevalent in India, as amended or re-enacted from time to time, in that order.

The following terms are defined for use in this RFP:

"Acquisition Price" shall have the same meaning as defined in the Share Purchase Agreement;

"Affiliate" shall mean a company that either directly or indirectly

i. controls or
ii. is controlled by or
iii. is under common control with

a Bidding Company (in the case of a single company) or a Member (in the case of a Consortium) and "**control**" means ownership by one entity of at least twenty six percent (26%) of the voting rights of the entity. As an illustration a chart is annexed hereto as Annexure – 12;

"Bid" shall mean Technical Bid and Financial Bid (Initial Offer and Final Offer) submitted by the Bidder, in response to this RFP, in accordance with the terms and conditions thereof;

"Bidder" shall mean either a single company (including its permitted successors and legal assigns) or a Consortium of companies (including its permitted successors and legal assigns) submitting a Bid in response to this RFP. Any reference to the Bidder includes Bidding Company, Bidding Consortium/ Consortium, Member in a Bidding Consortium and Lead Member of the Bidding Consortium jointly and severally, as the context may require;

"Bidding Company" shall refer to such single company (including its permitted successors and legal assigns) that has submitted a Bid for the Project;

"Bidding Consortium/ Consortium" shall refer to a group of companies (including their permitted successors and legal assigns) that has collectively submitted a Bid for the Project;

"Bidding Guidelines" shall mean the "Tariff Based Competitive-Bidding Guidelines for Transmission Service" and "Guidelines for Encouraging Competition in Development of Transmission Projects" issued by Government of India, Ministry of Power under Section – 63 of Electricity Act as amended from time to time;

"Bid Bond" shall mean the unconditional and irrevocable bank guarantee or unconditional and irrevocable Insurance Surety Bond issued by Insurance Company authorized by Insurance Regulatory and Development Authority of India) or Payment on Order Instrument for Rupees Six Crore and Sixty-Eight Lakh (Rs. 6.68 Crore) only, to be submitted along with the Technical Bid by the Bidder under Clause 2.11 of this RFP, as per the format prescribed in Annexure 14 (for Bank Guarantee) or Annexure 14A (for Insurance Surety Bond) or Annexure 14B (for Payment on Order);

"Bid Deadline" shall mean the last date and time for submission of online Bid in response to this RFP, specified in Clause 2.7.1;

"Bid Process Coordinator or BPC" shall mean a person or its authorized representative as notified by the Government of Maharashtra, responsible for carrying out the process for selection of Bidder who will acquire Transmission Service Provider;

"CEA" shall mean the Central Electricity Authority constituted under Section - 70 of the Electricity Act;

"Central Commission" or "CERC" shall mean the Central Electricity Regulatory Commission of India constituted under Section-76 of The Electricity Act, 2003 and any successors and assigns;

"Central Government" shall mean the Government of India;

"Conflict of Interest" A Bidder shall be considered to be in a Conflict of Interest with one or more Bidders in the same bidding process if they have a relationship with each other, directly or through a common company, that puts them in a position to have access to information about or influence the Bid of another Bidder.

Provided that if two or more bidders in the bidding process have formed a Joint Venture Company or Consortium to execute another project, the Bidders will not be considered to have Conflict of Interest;

"Commercial Operation Date (COD)" shall mean the date as per Article 6.2 of the Transmission Service Agreement;

"Consents, Clearances, Permits" shall mean all authorizations, licenses, approvals, registrations, permits, waivers, privileges, acknowledgements, agreements, or concessions required to be obtained from or provided by any concerned authority for the development, execution and performance of Project including without any limitation on the construction, ownership, operation and maintenance of the transmission lines and/or sub-stations;

"Contract Performance Guarantee" shall have the meaning as per Clause 2.12 of this RFP;

"Contract Year" shall mean the period beginning on the Scheduled COD, and ending on the immediately succeeding March 31 and thereafter each period of 12 months beginning on April 1 and ending on March 31 provided that:

(i) the last Contract Year shall end on the last day of the term of the Transmission Service Agreement;

"CTU/Central Transmission Utility" shall have same meaning as defined in the Electricity Act, 2003;

"Infrastructure sector" shall mean such sectors notified by Department of Economic Affairs in its Gazette Notification no. 13/1/2017-INF dated 14th November, 2017 and as amended from time to time;

"Effective Date" shall have the meaning as ascribed thereto in the Transmission Service Agreement;

"Element" shall mean-each Transmission Line or each circuit of the Transmission Lines (where there are more than one circuit) or each bay of the Sub-station or switching station or HVDC terminal or inverter station of the Project, including ICTs, Reactors, SVC, FSC, etc. forming part of the Intra-State Transmission System which will be owned, operated and maintained by the concerned Licensee, and which may have a separate scheduled COD as per Schedule 2 of the Transmission Service Agreement and may have a separate percentage for recovery of Transmission Charges on achieving COD as per Schedule 5 of the Transmission Service Agreement;

"Empowered Committee" shall mean the committee constituted by the Government of Maharashtra in terms of the "Guidelines for Encouraging Competition in Development of Transmission Projects", as notified from time to time;

"Final Offer" shall mean the Quoted Transmission Charges, required to be submitted as part of the Financial Bid on the electronic bidding platform during the e-reverse bidding stage. In case, no Final Offer is received during the e-reverse bidding stage then the lowest "Initial Offer" shall be deemed to be the Final Offer**;**

"Financial Bid" shall mean the Initial Offer and Final Offer, containing the Bidder's Quoted Transmission Charges, as per the format at Annexure – 21 of this RFP**;**

"Financially Evaluated Entity" shall mean the company which has been evaluated for the satisfaction of the financial requirement set forth in Clause **2.1.3** hereof;

"Grid Code" / "IEGC" or **"State Grid Code"** shall mean the Grid Code specified by the Central Commission under clause (h) of sub-section (1) of Section 79 of the Electricity Act and/or the State Grid Code as specified by the concerned State Commission referred under clause (h) of sub-section (1) of Section 86 of the Electricity Act as applicable;

"Initial Offer" shall mean the Quoted Transmission Charges, required to be submitted as part of the Financial Bid on the electronic bidding platform along with the Technical Bid**;**

"Inter State Generating Station" or "ISGS" shall mean a Central / other generating station in which two or more states have shares and whose scheduling is to be coordinated by the Regional Load Despatch Centre;

"Inter-State Transmission System" shall have same meaning as defined in the Electricity Act, 2003;

"Intra-State Transmission System" shall have same meaning as defined in the Electricity Act, 2003;

"Lead Member of the Bidding Consortium" or "Lead Member" shall mean a company who commits at least twenty six percent (26%) equity stake in the Project, meets the technical requirement as per Clause 2.1.2 and so designated by other Member(s) in Bidding Consortium;

"Letter of Intent" or "LoI" shall mean the letter to be issued by the BPC to the Bidder, who has been identified as the selected bidder, for award of the Project to such Bidder;

"Long Term Transmission System User" or "LTTSU" shall have the meaning as described in Maharashtra Electricity Regulatory Commission (Transmission Open Access) Regulations, 2016 as amended from time to time.

"Member in a Bidding Consortium/Member" shall mean each company in the Bidding Consortium;

"MOP" shall mean the Ministry of Power, Government of India;

"MOEF" shall mean the Ministry of Environment, Forest and Climate Change, Government of India;

"Nodal Agency" shall mean Maharashtra State Transmission Utility (STU), which shall execute and implement the Transmission Service Agreement (TSA);

"Technical Bid" shall mean the bid submitted online through the electronic bidding platform, containing the documents as listed out in Clause 2.5.2 of this RFP;

"Parent Company" shall mean an entity that holds at least twenty six percent (26%) of the paid - up equity capital directly or indirectly in the Bidding Company or in the Member in a Bidding Consortium, as the case may be;

"Qualification Requirements" shall mean the qualification requirements as set forth in Section-2, Clause 2.1 of this RFP;

"Quoted Transmission Charges" shall mean the quoted single annual Transmission Charges submitted online through the electronic bidding platform by the Bidder as part of its Financial Bid as per the format in Annexure – 21 of this RFP;

"RFP" shall mean Request for Proposal document along with all schedules, formats, annexure and RFP Project Documents attached hereto, issued by BPC for tariff based competitive bidding process for selection of bidder who will acquire the TSP through e-reverse bidding to execute the Project, and shall include any modifications, amendments or alterations or clarifications thereto;

"RFP Project Documents" shall mean the following documents to be entered into in respect of the Project, by the parties to the respective agreements:

a. Transmission Service Agreement (TSA),
b. Share Purchase Agreement,
c. Any other agreement, as may be required;

"Payment on Order Instrument" shall mean Letter of Undertaking from Indian Renewable Energy Development Agency Limited (IREDA) or Power Finance Corporation Limited (PFC) or REC Limited (REC) [the three non-banking financial institutions under Ministry of New & Renewable Energy (MNRE)/ Ministry of Power (MoP)], to pay in case situation of default of Transmission Service Provider (TSP) in terms of tender conditions/ Power Purchase Agreement (PPA) arises. Such Letter(s) will have same effect as that of a Bank Guarantee issued by any public sector bank. Such "Payment on Order instrument" would have terms and conditions similar to that of any Bank Guarantee given by any public sector bank and would promise to pay the Nodal Agency on demand within stipulated time. TSPs can seek such Letter(s) by offering due

security to the above-mentioned three non-banking financial institutions mentioned above (IREDA, PFC & REC). Nodal Agency shall not accept the instrument of 'Letter of Undertaking' as described above or in any other form, from any other non-banking financial institutions or bank, except IREDA, PFC & REC.

"Scheduled COD" shall have the meaning as ascribed hereto in Clause 2.6 of this RFP;

"State Commission" or "MERC" shall mean the Maharashtra Electricity Regulatory Commission constituted under Section-82 of The Electricity Act, 2003 and any successors and assigns;

"State Government" shall mean the Government of Maharashtra;

"Statutory Auditor" shall mean the auditor appointed under the provisions of the Companies Act, 1956 / Companies Act, 2013 (as the case may be) or under the provisions of any other applicable governing law;

"STU" or **"State Transmission Utility"** shall have same meaning as defined in the Electricity Act, 2003;

"Share Purchase Agreement" shall mean the agreement amongst REC Power Development and Consultancy Limited, Sakoli Power Transmission Limited and the Successful Bidder for the purchase of one hundred (100%) per cent of the shareholding of the Sakoli Power Transmission Limited for the Acquisition Price, by the Successful Bidder on the terms and conditions as contained therein;

"Successful Bidder" or **"Selected Bidder"** shall mean the Bidder selected pursuant to this RFP to acquire one hundred percent (100%) equity shares of Sakoli Power Transmission Limited , along with all its related assets and liabilities, which will be responsible as the TSP to establish the Project on build, own, operate and transfer basis as per the terms of the Transmission Service Agreement and other RFP Project Documents;

"Survey Report" shall mean the report containing initial information regarding the Project and other details provided as per the provisions of Clause 1.6.2.1.1 of this RFP;

"Technically Evaluated Entity" shall mean the company which has been evaluated for the satisfaction of the technical requirement set forth in Clause 2.1.2 hereof;

"Transmission Charges" shall mean the Final Offer quoted by Selected Bidder and adopted by the State Commission, payable to the TSP as per MERC MYT Regulations;

"Transmission License" shall mean the license granted by the State Commission in terms of the relevant regulations for grant of such license issued under the Electricity Act, 2003;

"Transmission Service Agreement" or **"TSA"** shall mean the agreement entered into between Nodal Agency and the TSP, pursuant to which the TSP shall build, own, operate and transfer the Project and make available the assets of the Project on a commercial basis;

"Transmission Service Provider" or "TSP" shall mean Sakoli Power Transmission Limited which has executed the Transmission Service Agreement and which shall be acquired by the

Selected Bidder;

"Ultimate Parent Company" shall mean an entity which owns at least twenty six percent (26%) equity in the Bidding Company or Member of a Consortium, (as the case may be) and in the Technically Evaluated Entity and/or Financially Evaluated Entity (as the case may be) and such Bidding Company or Member of a Consortium, (as the case may be) and the Technically Evaluated Entity and/or Financially Evaluated Entity (as the case may be) shall be under the direct control or indirectly under the common control of such entity.

SECTION – 1

INTRODUCTION

SECTION 1

1. INTRODUCTION

1.1 The Government of Maharashtra vide its Gazette Notification No. Sankirna-0125/P.R.32/Urja-4 dated 09.04.2025 has notified REC Power Development and Consultancy Limited to be the Bid Process Coordinator (BPC) for the purpose of selection of Bidder as Transmission Service Provider (TSP) to develop Intra-State Transmission Project i.e. **"Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"** to be implemented through tariff based competitive bidding process.

The BPC hereby invites Bids from all prospective Bidders in accordance with this Request for Proposal (RFP) to select prospective Transmission Service Provider (TSP) in accordance with the "Tariff Based Competitive-Bidding Guidelines for Transmission Service" and "Guidelines for Encouraging Competition in Development of Transmission Projects" issued by Government of India, Ministry of Power under Section – 63 of the Electricity Act. The BPC shall select the Bidder having the prescribed technical and financial capability to become TSP and be responsible for establishing the Project in the state of Maharashtra. The TSP will make the Project available against payment of Transmission Charges, as adopted by the State Commission, payable to the TSP, as per provisions of Transmission Service Agreement.

1.2 The TSP will be required to establish the following Intra State Transmission Project i.e. "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"** (hereinafter referred to as 'Project') on build, own, operate and transfer basis, and to provide transmission service.

1.3

Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)		
Sl. No.	**Scope of the Transmission Scheme**	**Scheduled COD in months from Effective Date**
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler-1 No. • 132 kV Bus Coupler-1 No.	24 months from the effective date

Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)		
Sl. No.	**Scope of the Transmission Scheme**	**Scheduled COD in months from Effective Date**
	• 132 kV Transfer Bus Coupler- 1 set **<u>Future Space Provisions:</u>** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.	
2.	LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)	
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.	
4.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) • 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.	
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.	
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.	

Note-

Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.

In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.

1.4 Project Description

Existing transmission network in Bhandara and Gondia districts majorly comprise of 10 no. of radially fed 132 kV MSETCL Sub-stations with fag-end Sub-station at around 150 km transmission line length.

The scheme is proposed to enhance the transmission capacity of Eastern Vidarbha by connecting ISTS network with existing InSTS network and in turn providing reliable and strong source of supply transmission network in Bhandara and Gondia districts. This will in turn reduce the transmission constraints in region.

The subject Transmission system was deliberated and approved in the 7th meeting of the Empowered Committee held on 12.03.2025. Govt. of Maharashtra vide Gazette notification dated 09.04.2025 has appointed RECPDCL as BPC for implementation of the subject transmission scheme through TBCB route.

1.5 Transmission Grid Map

Transmission Grid Map indicating the location of the Project is enclosed as Annexure 18 of this RFP for information and reference of the Bidders**.**

1.6 The objective of the bidding process is to select a Successful Bidder pursuant to this RFP, who shall acquire one hundred percent (100%) of the equity shares of Sakoli Power Transmission Limited along with all its related assets and liabilities as per the provisions of the Share Purchase Agreement, at the Acquisition Price to be intimated by the BPC, twenty (20) days prior to the Bid Deadline.

The Sakoli Power Transmission Limited, of which one hundred percent (100%) equity shares will be acquired by the Selected Bidder, shall be responsible as the TSP, for ensuring that it undertakes ownership, financing, development, design, engineering, procurement, construction, commissioning, operation and maintenance of the Project, and to provide Transmission Service as per the terms of the RFP Project Documents.

The TSP shall ensure transfer of all project assets along with substation land, right of way and clearances to Maharashtra STU or its successors or an agency as decided by the Government of Maharashtra after 35 years from COD of project at zero cost and free from any encumbrance and liability. The transfer shall be completed within 90 days after 35 years from COD of project failing which Government of Maharashtra shall be entitled to take over the project assets Suo moto.

1.7 **Brief Scope of Work**

1.6.1 **Scope of Transmission Service Provider**

The TSP's scope of work for the Project shall comprise, but not necessarily be limited to the following:

1.6.1.1 Establishment, operation and maintenance of the Project on build, own, operate and

transfer basis and completion of all the activities for the Project, including survey, detailed project report formulation, arranging finance, project management, necessary Consents, Clearances and Permits (way leave, environment & forest, civil aviation, railway/ road/river/canal/power crossing/PTCC, etc.), land compensation, design, engineering, equipment, material, construction, erection, testing & commissioning.
Further, the actual location of Greenfield substations (Switching Stations or HVDC Terminal or Inverter Stations) in the scope of TSP:

- For a Generation Pooling Substation shall not be beyond 3 Km radius of the location proposed by the BPC in their Survey Report.
- For Load Serving Substation within the scope of TSP shall not be beyond 5 Km radius of the location proposed by the BPC in their Survey Report.
- For an Intermediate Substation shall not be beyond 10 Km radius of the location proposed by the BPC in their Survey Report.

1.6.1.2 The TSP shall ensure that design, construction and testing of all equipment, facilities, components and systems of the Project shall be in accordance with Transmission Service Agreement and applicable Rules/ Regulations, Orders, Codes and Guidelines issued by State Government and State Commission and other relevant Orders, Rules/ Regulations of Central Government and Central Commission, as applicable.

1.6.1.3 The TSP shall ensure timely completion of entire scope of Project in all respects and its operation and maintenance, as shall be specified in the RFP documents.

1.6.1.4 The TSP shall seek Transmission License from the State Commission, as per the provisions of the Electricity Act and regulations made thereunder.

1.6.1.5 The TSP shall seek approval under Section 164 of Electricity Act, from Government of Maharashtra after acquisition of Sakoli Power Transmission Limited. The approval shall be granted by Government of Maharashtra upon receipt of application (complete in all aspects).

1.6.1.6 Regarding construction of bays, requirement of internal road, drainage, cable trench, leveling of the bay extension area, Bidder is advised to visit the site and acquaint itself with the provisions/facilities available at substation and the quantum of necessary modification work involved for accommodating the necessary bays in existing substations. These works shall be in the scope of the TSP.

1.6.2 **Scope of Bid Process Coordinator (BPC)**

BPC's scope of work is briefly outlined herein under:

1.6.2.1 The BPC has initiated development of the Project and shall be responsible for the tasks in this regard as specified hereunder:

1. Provide to the Bidders a Survey Report for the Project at least forty five (45) days prior to the Bid Deadline. The Survey Report shall include the suggested route with approximate route length, type of terrain likely to be encountered and its likely implication in terms of Right of Way (ROW), statutory clearances, location of substations or converter stations and land area to be acquired for the substation or converter station.

2. To obtain approval for laying of overhead transmission lines under Section 68 of Electricity Act, from the State Government at least twenty (20) days prior to Bid Deadline.

3. To initiate acquisition of land for location specific substations, switching stations or HVDC terminal or inverter stations, if required.

4. To initiate process of seeking forest clearance, if required

5. The BPC shall intimate to the Bidders, the Acquisition Price payable by the Selected Bidder to the REC Power Development and Consultancy Limited for the acquisition of one hundred percent (100%) of the equity shareholding of Sakoli Power Transmission Limited, along with all its related assets and liabilities at least twenty (20) days prior to the Bid Deadline.

6. The BPC shall ensure issuance of all finalized RFP Project Documents, at least fifteen (15) days prior to the Bid Deadline.

   Provided that for any delay in meeting the above obligations of the BPC within the specified time period above, the Bid Deadline as per Clause 2.7.1 shall be extended on a day for day basis.

1.6.2.2 The details and documents as may be obtained by the BPC/ project specific SPV in relation to the Project shall be handed over to the TSP on an as-is-where-is basis, so that it may take further actions to obtain Consents, Clearances and Permits.

1.7 All costs (including direct and indirect) incurred by the BPC/ project specific SPV in connection with the activities concerning the Project shall be recovered from the TSP, which shall be included in the Acquisition Price.

1.8 The Project is required to be completed progressively in accordance with the schedule prescribed in this RFP.

1.9 A company under the Companies Act, 2013 by the name Sakoli Power Transmission Limited has been incorporated to initiate the activities for execution of the Project. The said company shall be acquired by the successful Bidder as per terms and conditions as may be prescribed in RFP.

1.10 The Ministry of Power and the appropriate state government(s) shall provide their support to the TSP, on best endeavor basis, in enabling the TSP to develop the Project.

1.11 All Bidders are required to submit their Bid in accordance with the instructions set forth in this RFP.

1.12 Once the Successful Bidder is selected, the details and documents as may be obtained by the BPC/ project specific SPV in relation to the Project, shall be handed over to the Successful Bidder on as is where basis, so that it may take further actions to obtain all necessary Consents, Clearances and Permits and the TSP shall not be entitled for any extensions in the Scheduled COD of the Project except as provided for in the TSA.

1.13 The assets of the Project shall be made available on a commercial basis as per the terms and conditions of the Transmission Service Agreement.

SECTION - 2

INFORMATION AND INSTRUCTIONS FOR BIDDERS

SECTION – 2

2. INFORMATION AND INSTRUCTIONS FOR BIDDERS

2.1 Qualification Requirements

2.1.1 The Bidder should be a company duly incorporated under the relevant laws (Bidding Company) or a Consortium of companies (Bidding Consortium) with one of the companies acting as the Lead Member of the Bidding Consortium. The Bidder shall be selected on meeting the Qualification Requirements specified in Section 2 of this RFP, as demonstrated by the Bidder's Technical Bid and the lowest Quoted Transmission Charges discovered from Final Offers quoted during the e-reverse bidding. A Bidding Consortium can participate in the bidding process for the Project if any Member of the Consortium has purchased the RFP document for such Project. Bidder who agree and undertake to procure the products associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. Dated 28.07.2020 as amended vide order No. A1/2021-FSC- Part (5) dated 16.11.2021 and No.: P45021/2/2017-PP (BE-II)-Part-4 Vol.II dated 19.07.2024 issued by Ministry of Power for transmission sector, as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard, shall be eligible hereunder. Further, it is clarified that Procuring Entity as defined in orders shall deemed to have included Selected Bidder and/ or TSP.

Besides, Department of Expenditure, Ministry of Finance in suppression of Oms issued vide Order (Public Procurement No 1) bearing File No. 6/18/2019-PPD dated 23.07.2020, Order (Public Procurement No 2) bearing File No. 6/18/2019-PPD dated 23.07.2020 and Order (Public Procurement No. 3) bearing File No. 6/18/2019-PPD, dated 24.07.2020, Office Memorandum (OM) No. F.18/37/2020-PPD dated 08.02.2021, OM No. F.12/1/2021- PPD(Pt.) dated 02.03.2021, OM No. F.7/10/2021-PPD dated 08.06.2021 and Order (Public Procurement No 4) bearing File No. F.7/10/2021-PPD dated 23.02.2023 as amended from time to time, have issued directions regarding public procurement from a bidder of a country, which shares land border with India are also applicable.

2.1.2 **Technical requirement to be met by the Bidding Company or Lead Member of Bidding Consortium**

The Bidder must fulfill any one of the following technical requirements:

(i) Experience of development of projects in the Infrastructure Sector in the last five (5) years with aggregate capital expenditure of not less than Rs**. 500 Crore** or equivalent USD (calculated as per provisions in Clause 3.4.1**).** However, the capital expenditure of each project shall not be less than **Rs. 100 Crore** or equivalent USD (calculated as per provisions in Clause 3.4.1).

For this purpose, capital expenditure incurred on projects that have been commissioned/completed at least seven (7) days prior to Bid Deadline shall be considered. The capital expenditure discussed above shall be as capitalized and reflected in the audited books of accounts of the Technically Evaluated Entity. In case a clearly identifiable part of a project has been put into commercial operation, the capital expenditure on such part of the project shall be considered.

The Technically Evaluated Entity must have either executed such projects itself or must have held directly or indirectly at least twenty six percent (26%) of the shareholding in the company that has executed the project(s) from the date of financial closure of the project(s) till the time of commissioning/completion of such project(s).

OR

(ii) Experience in construction of project in infrastructure sector: The Technically Evaluated Entity should have received aggregate payments not less than **Rs. 500 Crore** or equivalent USD (calculated as per provisions in Clause 3.4.1) from its client(s) for construction works fully completed during the last 5(five) financial years. However, the payment received from each project shall not be less than **Rs. 100 Crore** or equivalent USD (calculated as per provisions in Clause 3.4.1).

For this purpose, payments received on projects that have been commissioned/ completed at least seven (7) days prior to Bid Deadline shall be considered. Further only the payments (gross) actually received, during such 5 (five) financial years shall qualify for purposes of computing the technical capacity. For the avoidance of doubt, construction works shall not include cost of land, supply of goods or equipment except when such goods or equipment form part of a turn-key construction contract/ EPC contract for the project. Further, in cases where different individual contracts are signed between same entities for the same project, the cumulative payments received under such individual contracts shall be considered for meeting the qualification requirement.

The Technically Evaluated Entity may be the Bidding Company or the Lead Member of a Consortium or an Affiliate or Parent of such Bidding Company or the Lead Member, as the case may be.

Bidders shall furnish documentary evidence duly certified by authorized signatory of the Bidder who has been issued Power of Attorney in support of their technical capability as defined in Clause 2.1.2 of this RFP.

2.1.3 **Financial requirement to be met by the Bidding Company/Bidding Consortium**

2.1.3.1 The Bidder must fulfill following financial requirements:

A. Networth:

Networth should be not less than Rs**. 250.00 Crore** or equivalent USD (calculated as per provisions in Clause 3.4.1**)** computed as the Networth based on unconsolidated audited annual accounts (refer to Note below) of any of the last three (3) financial years as provided in Clause 2.2.3, immediately preceding the Bid Deadline. Also, the Networth of any of the last three (3) financial years should not be negative.

Note: Audited consolidated annual accounts of the Bidder may be used for the purpose of financial criteria provided the Bidder has at least 26% equity in each company whose accounts are merged in the audited consolidated accounts and provided further that the financial capability of such companies (of which accounts are being merged in the

consolidated accounts) shall not be considered again for the purpose of evaluation of the Technical Bid. Bidders shall furnish prescribed Annexure 7 (A) duly certified by authorized signatory of the Bidder who has been issued Power of Attorney and the Statutory Auditor and separate computation sheet for Networth duly certified by Statutory Auditor in support of their financial capability as defined in Clause 2.1.3 of this RFP.

2.1.3.2 The Networth shall be computed in the following manner by the Bidder:

A. Networth

=	Equity share capital
Add:	Reserves
Subtract:	Revaluation Reserves
Subtract:	Intangible Assets
Subtract:	Miscellaneous expenditures to the extent not written off and carry forward losses

2.1.3.3 If the Technical Bid is submitted by a Bidding Consortium the financial requirement shall be met individually and collectively by all the Members in the Bidding Consortium. The financial requirement to be met by each Member of the Bidding Consortium shall be computed in proportion to the equity commitment made by each of them for investment in the Project.

2.1.4 The Bidder may seek qualification on the basis of technical and financial capability of its Parent and/ or its Affiliate(s) for the purpose of meeting the Qualification Requirements. However, in the case of the Bidder being a Consortium, the Lead Member has to meet the technical requirement on its own or by seeking the technical capability of its Parent and/or its Affiliate(s). Authorization for use of such technical or financial capability shall have to be provided from its Parent and/or Affiliate(s) as per Annexure 9. The technical and financial capability of a particular company/ particular project, including its Parents and/or Affiliates, shall not be used directly or indirectly by more than one Bidder/ Member of a Bidding Consortium/ Bidding Company. However, development and construction experience of a particular project may be used by more than one company.

The determination of the relationship of Parent or Affiliate with the Bidding Company or with the Member of the Bidding Consortium, including the Lead Member, shall be on the date at the most seven (7) days prior to the last date of submission of the Bid. Documentary evidence to establish such relationship shall be furnished by the Bidder along with the Technical Bid.

If the Technically Evaluated Entity and/or Financially Evaluated Entity is an entity other than the Bidding Company or a Member in a Bidding Consortium, the Bidding Company or Member relying on such Technically Evaluated Entity and/or Financially Evaluated Entity will have to submit a legally binding undertaking supported by a board resolution from the Technically Evaluated Entity and/or Financially Evaluated Entity or its Ultimate Parent Company, that all the equity investment obligations of the Bidding Company or the Member of the Consortium shall be deemed to be equity investment obligations of the Technically Evaluated Entity and/or Financially Evaluated Entity or its Ultimate Parent Company, and in the event of any default the same shall be met by such evaluated entity or by or the Ultimate Parent Company. The Bidding Company or the Consortium Member

shall have to provide information and documents relating to its relationship with such Technically Evaluated Entity and/or Financially Evaluated Entity including details about the equity shareholding between them as per Annexure 7(C).

2.1.5 A Bidder shall submit only one Bid in the same bidding process, either individually as Bidding Company or as a Member of a Bidding Consortium (including the Lead Member). It is further clarified that any of the Parent/ Affiliate/Ultimate Parent of the Bidder/ Member in a Bidding Consortium shall not separately participate directly or indirectly in the same bidding process. Further, if any Bidder is having a Conflict of Interest with other Bidders participating in the same bidding process, the Bids of all such Bidders shall be rejected.

2.1.6 Notwithstanding anything stated above, BPC reserves the right to verify the authenticity of the documents submitted for meeting the Qualification Requirements and request for any additional information and documents. BPC reserves the right at its sole discretion to contact the Bidder's bank and project references and verify the Bidder's information and documents for the purpose of bid evaluation.

2.1.7 The Qualified Bidder(s) will be required to continue to maintain compliance with the Qualification Requirements throughout the bidding process and till execution of the Transmission Service Agreement. Where the Technically Evaluated Entity and/or the Financially Evaluated Entity is not the Bidding Company or a Member in a Bidding Consortium, as the case may be, the Bidding Company or Member shall continue to be an Affiliate of the Technically Evaluated Entity and/or Financially Evaluated Entity till the execution of the Transmission Service Agreement. Failure to comply with the aforesaid provisions shall make the Bid liable for rejection at any stage.

2.1.8 The Selected Bidder will be required to continue to maintain compliance with the Qualification Requirements till the COD of the Project. Where the Technically Evaluated Entity and/or the Financially Evaluated Entity is not the Bidding Company or a Member in a Bidding Consortium, as the case may be, the Bidding Company or Member shall continue to be an Affiliate of the Technically Evaluated Entity and/or Financially Evaluated Entity till the COD of the Project. Failure to comply with the aforesaid provisions shall be dealt as per provisions of Transmission Service Agreement.

2.1.9 On the Bid Deadline, for the Bidder to be eligible to participate in the bidding process:

a. the Bidder & any of its Affiliate including any Consortium Member & any of its Affiliate, their directors or key personnel should not have been barred or included in the blacklist by any government agency or authority in India, the government of the jurisdiction of the Bidder or Members where they are incorporated or the jurisdiction of their principal place of business, any international financial institution such as the World Bank Group, Asian Development Bank, African Development Bank, Inter-American Development Bank, Asian Infrastructure Investment Bank etc or the United Nations or any of its agencies; or

b. the Bidder & any of its Affiliate including any Consortium Member & any of its Affiliate or their directors should not have been convicted of any offence in India or abroad.

In case any investigation is pending against the Bidder, including any Consortium Member or Affiliate, or CEO or any of the directors/ manager/key managerial personnel of the Bidder /Consortium /Member or their Affiliates, full details of such investigation including the name of the investigating agency, the charge/offence for which the investigation has been launched, name and designation of persons against whom the investigation has been launched and other relevant information should be disclosed while submitting the Bid.

The Bidders shall confirm the above though a notarized affidavit as per Annexure 22.

2.2 Submission of Bid by the Bidder

2.2.1 The information and documents in Technical Bid will be submitted by the Bidder as per the formats specified in Section – 4 (Formats for RFP) of this document

2.2.2 Strict adherence to the formats wherever specified, is required. Wherever, information has been sought in specified formats, the Bidder shall refrain from referring to brochures/ pamphlets. Non-adherence to formats and/ or submission of incomplete information may be a ground for declaring the Technical Bid as non-responsive. Each format has to be duly signed and stamped by the authorized signatory of Bidder.

2.2.3 The Technical Bid shall contain unconsolidated/consolidated audited annual accounts (consisting of unabridged Balance Sheet, Profit and Loss Account, profit appropriation account, Auditors Report, etc.), as the case may be, of Bidding Company or each Member in Consortium including Lead Member or the Financially Evaluated Entity for the last three (3) financial years immediately preceding the last date for submission of Bid for the purpose of calculation of Networth.

In case the annual accounts for the financial year immediately preceding the Bid Deadline is not audited, the Bidder shall give declaration in this regard duly certified by its statutory auditor. In such a case, the Bidder shall provide the audited annual accounts for the three (3) financial years preceding the financial year as above for which the annual accounts have not been audited.

2.2.4 <u>Bid submitted by a Bidding Consortium:</u>

2.2.4.1 The Technical Bid shall contain a legally enforceable Consortium Agreement entered amongst the Members in the Bidding Consortium, designating one of the Members to be the Lead Member (as per Annexure 6). There shall be only one Lead Member which shall continue to hold twenty six percent (26%) equity in the TSP and cannot be changed upto one (1) year from the Commercial Operation Date (COD) of the Project. Each Member in Bidding Consortium shall duly sign the Consortium Agreement making it liable for raising the required funds for its respective equity investment commitment as specified in the Consortium Agreement. In absence of Consortium Agreement, the Technical Bid will not be considered for evaluation and will be rejected.

Provided that the Lead Member of the Bidding Consortium will be required to be liable to the extent of 100% of the total proposed commitment of equity investment of the Bidding Consortium i.e. for both its own equity contribution as well as the equity contribution of other Members.

Provided further that the Consortium Agreement shall not be amended without the explicit approval of the BPC.

The Lead Member of the Consortium will be the single point of contact for the purposes of the bid process before the date of signing of Share Purchase Agreement. Settlement of any dispute amongst the Consortium Members shall not be the responsibility of the BPC and/or the Nodal Agency and the BPC and/or the Nodal Agency shall not bear any liability whatsoever on this account.

2.2.4.2 The Lead Member should designate at the most two persons to represent the Consortium in its dealings with the BPC. The person(s) designated by the Lead Member should be authorized through a Power of Attorney (as per Annexure 3) to perform all tasks including, but not limited to providing information, responding to enquiries, signing of Technical Bid on behalf of the Consortium, etc. The Bidding Consortium shall provide board resolutions from their respective Boards for committing their respective portion of equity requirement for the Project. Additionally, the Lead member shall provide a Board resolution committing to make good any shortfall in the equity for the project, in case of any member not meeting its equity commitment.

2.2.4.3 The Technical Bid should also contain signed Letter of Consent (as per Annexure 2) from each Member in Consortium confirming that the entire Technical and Financial Bids has been reviewed and each element of the Technical and Financial Bids is agreed to by them including investment commitment for the Project.

In addition, the Technical Bid should also contain Board Resolution from each Member of the Consortium other than the Lead Member in favour of their respective authorized representatives for executing the POA, Consortium Agreement and signing of the requisite formats.

2.2.5 Bid submitted by a Bidding Company

2.2.5.1 The Bidding Company should designate at the most two persons to represent the Bidding Company in its dealings with BPC. The person(s) should be authorized to perform all tasks including, but not limited to providing information, responding to enquiries, signing of Technical and Financial Bids etc. The Bidding Company should submit, along with Technical Bid, a Power of Attorney (as per Annexure 3), authorizing the signatory of the Technical and Financial Bids. The Bidding Company shall submit the board resolution committing 100% of equity requirement for the Project, in the Technical Bid.

2.3 Clarifications & Pre-Bid Meeting

2.3.1 The Bidders may seek clarifications or suggest amendments to the RFP by sending an email to the BPC at the email id indicated in Clause 2.14 within the date and time mentioned in Clause 2.7.2. For any such clarifications or amendments, the Bidders should adhere to the format as per Annexure – 19.

2.3.2 Only those Bidders or their authorized representatives, who have purchased the RFP documents are invited to attend the pre-bid meeting(s), which will take place on date as specified in Clause 2.7.2, or any such other date as notified by the BPC. The time and

address of this would be intimated later.

2.3.3 The purpose of the pre-bid meeting will be to clarify any issues regarding the RFP, including in particular, issues raised in writing by the Bidders as per the provisions of Clause 2.3.1.

2.3.4 Non-attendance at the pre-bid meeting will not be a cause for disqualification of a Bidder.

2.3.5 The BPC is not under any obligation to entertain / respond to suggestions made or to incorporate modifications sought for.

2.3.6 In case Bidders need any further clarifications not involving any amendments in respect of final RFP, they should ensure that request for such clarification is submitted through e-mail to the BPC at least ten (10) days prior to the Bid Deadline as mentioned in Clause 2.7.1. The BPC may issue clarifications only, as per its sole discretion, which is considered reasonable by it. Any such clarification issued shall be sent to all the Bidders to whom the RFP has been issued. Clarifications sought after this date shall not be considered in any manner and shall be deemed not to have been received. There shall be no extension in Bid Deadline on account of clarifications sought as per this clause 2.3.6.

2.4 Amendment of RFP

2.4.1. At any time before the timeline mentioned in Clause 2.7.1, the BPC may, for any reason, whether at its own initiative or in response to clarifications requested by any Bidder modify or amend the RFP, including the timelines specified in Clause 2.7.2 by issuance of addendum/modification/errata and/or revised document. Such document shall be notified in writing through a letter or fax or e-mail to all the entities to whom the RFP has been issued and shall be binding on them. In order to ensure that Bidders have reasonable time to take the modification into account in preparing their Bid, or for any other reasons, BPC may at its discretion, extend the due date for submission of Bid. Late receipt of any addendum/modification/errata and/or revised document will not relieve the Bidder from being bound by that modification.

2.4.2. All modifications shall become part of the terms and conditions of this RFP. No interpretation, revision or communication regarding this RFP is valid, unless made in writing.

2.4.3. The amendment to the RFP shall be notified to all the Bidders through the electronic bidding platform and shall be binding on them.

2.5 The Bidding Process

The entire bidding process shall be conducted on electronic bidding platform created by MSTC Limited. The Bid shall comprise of the Technical Bid and the Financial Bid. The Bidders shall submit the Technical Bid & Financial Bid through the electronic bidding platform. In addition to the online submission, the Bidder with lowest Final Offer will be required to submit original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14 before issuance of LoI. There shall be no physical submission of the Financial Bid.

Evaluation of Technical Bid will be carried out considering the information and documents furnished by the Bidders as required under this RFP. This step would involve responsiveness check, technical and financial evaluation of the details/ documents furnished by the Bidding Company / Bidding Consortium in support of meeting the Qualification Requirements. Bidders meeting the Qualification Requirements, subject to evaluation as specified in Clause **3.2** to **3.4** shall be declared as "Qualified Bidders" and eligible for opening of Initial Offer. The BPC shall also upload the list of all Qualified Bidders and Non-Qualified Bidders on the bidding portal along with the reasons for non-qualification. Also, the Financial Bids of Qualified Bidders shall be opened after at least 24 hours from the date of declaration of the Technically Qualified Bidders.

The Financial Bid will comprise of two rounds. In the first round the Initial Offer (submitted online along with the Technical Bids) of the responsive bids would be opened and Quoted Transmission Charges of Initial Offer shall be ranked on the basis of ascending order for determination of the Qualified Bidders as provided in Section-III of RFP. The Qualified Bidders, in the first fifty per cent of the ranking (with any fraction rounded off to higher integer) or four Qualified Bidders, whichever is higher, shall qualify for participating in the electronic reverse auction stage and submit their Final Offer.

Provided however, in case only one Bidder remains after the evaluation of Technical Bid as per Clause 3.2, 3.3 and Clause 3.4, the Initial Offer of such Bidder shall not be opened and the matter shall be referred to the State Government.

Provided that in the event the number of qualified Technical Bids is between two and four, then each of the qualified Bidder shall be considered as "Qualified Bidders".

Provided that in the event of identical Quoted Transmission Charges discovered from the Initial Offer having been submitted by one or more Bidders, all such Bidders shall be assigned the same rank for the purposes of determination of Qualified Bidders. In such cases, all the Qualified Bidders who share the same rank till 50% of the rank (with any fraction rounded off to higher integer) determined above, shall qualify to participate in the electronic e-reverse auction stage. In case 50% of the ranks (with any fraction rounded off to higher integer) is having less than 4 (four) Bidders and the rank of the fourth (4^{th}) Bidder is shared by more than one (1) Bidder, then all such Bidders who share the rank of the fourth (4^{th}) Bidder shall qualify to participate in the electronic reverse auction.

The applicable ceiling for electronic reverse bidding shall be the lowest Quoted Transmission Charges discovered from the Initial Offer received from the Qualified Bidders. The Qualified Bidders shall be permitted to place their Final Offer on the electronic bidding platform, which is lower than zero point two five (0.25) % of the prevailing lowest Quoted Transmission Charges.

The initial period for conducting the e-reverse bidding should be 2 hours which will be extended by 30 minutes from the last received bid time, if the bid is received during the last 30 minutes of the scheduled or extended bid time. Subsequently, it will be extended again by 30 minutes from the latest received bid time.

The technical details with respect to access to such electronic platform are provided in Annexure-A (Technical Details with respect to electronic reverse auction).

In case of any technical clarification regarding access to the electronic reverse auction platform or conduct of the auction process, the Bidders may contact MSTC Limited directly at the address provided in Annexure-A.

2.5.1 Bid Formats

The Bids in response to this RFP will be submitted online through the electronic bidding platform by the Bidders in the manner provided in Clause 2.9. The Bids shall comprise of the following:

2.5.2 Technical Bid comprising of:

1. Covering Letter (as per prescribed format enclosed as **Annexure 1**);

2. Letter of Consent from Consortium Members in **Annexure 2;**

3. Power of attorney issued by the Bidding Company or the Lead Member of the Consortium, as the case may be, in favour of the person signing the Bid, in the format attached hereto as **Annexure 3**.

   Additionally, in case of a Bidding Consortium, the power of attorney in favour of the Lead Member issued by the other Members of the Consortium shall be provided in as per format attached hereto as **Annexure 4**. Further, the Lead Member shall furnish Board resolution(s) from each Member of the Consortium other than the Lead Member in favour of their respective authorized representatives for executing the POA and signing of the requisite formats.

   Provided that in the event the Bidding Company or the Lead Member of the Consortium or any Member of the Bidding Consortium, as the case may be, is a foreign entity, it may issue Board resolutions in place of power of attorney for the purpose of fulfilling these requirements.

4. Bidder's composition and ownership structure in **Annexure 5**

5. Format for Authorization submitted in Non-Judicial stamp paper duly notarized as per **Annexure 5** from the Bidding Company / each Member of the Consortium authorizing the BPC to seek reference from their respective bankers & others.

6. In case of Bidding Consortium, the Consortium Agreement shall be provided in as per format attached hereto as **Annexure 6**

7. Format of Qualification Requirement (**Annexures 7A, 7B, 7C and 7D)**

8. Bidders Undertakings and details of equity investment in Project (as per prescribed formats 1 and 2 of **Annexure 8**);

9. Authorization from Parent / Affiliate of Bidding Company / Member of Bidding Consortium whose technical / financial capability has been used by the Bidding Company / Member of Bidding Consortium **(Annexure 9)**.

10. Undertaking from the Technically / Financially Evaluated Entity(ies) **OR** Undertaking from the Ultimate Parent Company, for total equity investment commitment, in the prescribed format in **Annexure – 10**, to meet any shortfall in the equity investment by the Selected Bidder in the …… (Insert the name of SPV).

    Note: The effective Equity holding of the Selected Bidder in the …… (Insert the name of SPV), as specified in Clause 2.5.8.1 shall be computed as per the provisions of Clause 2.5.8.3 of this RFP.

    Provided further, in case the Bidding Company or Member of a Consortium, (as the case may be) holds at least twenty six percent (26%) equity in such Technically/ Financially Evaluated Entities, whose credentials have been considered for the purpose of meeting the Qualification Requirements as per the RFP, no such Undertaking shall be required from the Technically / Financially Evaluated Entities.

11. Board resolutions, as per prescribed formats enclosed as Annexure – 11, duly certified by the Company Secretary or any Whole-time Director / Manager (supported by a specific Board Resolution), as applicable to the Bidder and mentioned hereunder,

    (a) Board resolution from the Bidding Company (and any investing Affiliate / Parent Company / Ultimate Parent Company) committing one hundred percent (100%) in aggregate of the equity requirement for the Project - Format-1 of **Annexure 11**;

    (b) Board resolutions from each of the Consortium Member of the Bidding Consortium (and any investing Affiliate / Parent Company / Ultimate Parent Company) together committing to one hundred percent (100%) in aggregate of equity requirement for the Project, in case Bidder is a Bidding Consortium - Format-1 of **Annexure 11**;

    (c) In either of the cases as in (a) or (b) above as applicable, Board resolutions as per Format 2 of **Annexure 11** for total equity investment commitment from the Technically / Financially Evaluated Entity(ies) whose technical / financial credentials had been considered for the purpose of meeting Qualification Requirements as per the RFP

    OR

    Board resolutions as per Format 2 of **Annexure 11** from the Parent Company or the Ultimate Parent Company for total equity investment commitment.

    Provided that such Board resolutions, as specified in (a) or (b) or (c) above, in case of a foreign entity, shall be supported by an unqualified opinion issued by an independent legal counsel practicing in the relevant country, stating that the Board resolutions are in compliance with the applicable laws of the respective jurisdictions of the issuing company and the authorizations granted therein are true and valid.

    For clarity sake, illustrations identifying which Board Resolution shall be applicable in typical cases are provided in **Annexure 11A**.

12. Format for Illustration of Affiliates at the most seven (7) days prior to Bid Deadline, duly certified by Company Secretary and supported by documentary evidence **(Annexure 12)**.

    Certified copy of the Register of Members / Demat Account Statement, Share Certificate, Annual Return filed with ROC etc. submitted as documentary evidence along with **Annexure 12.**

13. Disclosure as per **Annexure 13** regarding participation of any related companies in this bidding process.

14. Bid Bond, as per the prescribed format at **Annexure 14 or** Surety Bond for Bid Security as per the prescribed format at **Annexure 14A or** Payment on Order Instrument to be issued by IREDA/REC/PFC as per the prescribed format at **Annexure 14B**;

15. Checklist for Technical Bid submission requirements as per **Annexure 16**.

16. Last three (3) financial years' unconsolidated / consolidated audited annual accounts / statements, as the case may be, of the Financially Evaluated Entity / Technical Evaluated Entity

17. Unconsolidated audited annual accounts of both the TEE and the Bidding Company/Lead member, as applicable, for the financial years in which financial closure was achieved and the financial year in which the said project was completed / commissioned.

18. Copy of the Memorandum and Articles of Association and certificate of incorporation or other organizational document (as applicable), including their amendments, certified by the Company Secretary of Bidding Company or each Member in case of a Consortium including Lead Member.

19. For each project listed in Annexure 7(D), certified true copy of the certificates of final acceptance and / or certificates of good operating performance duly issued by owners or clients for the project, duly signed by duly signed by authorized signatory.

In addition to the online submission of above formats through the electronic platform, the Bidder with lowest Final Offer will be required to submit original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14 before issuance of LoI. In case, there is a discrepancy between the online submission and physical documents, the bid would be out rightly rejected and the bidder shall be construed to have engaged in the fraudulent practice as defined in Clause 2.19.3 with consequences as mentioned in Clause 2.19.2.

2.5.3 Financial Bid (as per prescribed format at Annexure-21)

Financial Bid shall comprise of: (i) the Initial Offer; and (ii) the Final Offer. The Initial Offer is required to be submitted along with the Technical Bid. It is hereby clarified that the Financial Bid will comprise of two rounds. In the first round the Initial Offer of the

responsive bids would be opened and Quoted Transmission Charges of Initial Offer shall be ranked on the basis of ascending order for determination of the Qualified Bidders as provided in Section-III of RFP.

In accordance with clause 2.5 of this RFP, the qualified Bidders shall be eligible to participate in the electronic reverse auction and submit their Final Offer.

The applicable ceiling for electronic reverse bidding shall be the lowest Quoted Transmission Charges discovered from the Initial Offer received from the Qualified Bidders. The Qualified Bidders shall be permitted to place their Final Offer on the electronic bidding platform, which is lower than zero point two five (0.25) % of the prevailing lowest Quoted Transmission Charges.

The initial period for conducting the e-reverse bidding should be 2 hours which will be extended by 30 minutes from the last received bid time, if the bid is received during the last 30 minutes of the scheduled or extended bid time. Subsequently, it will be extended again by 30 minutes from the latest received bid time.

The Bidders shall inter-alia take into account the following while preparing and submitting the Initial Offer and Final Offer of Financial Bid :-

a. The Bidders shall quote single annual Quoted Transmission Charges for a period of 35 years commencing from the Scheduled COD of the Project.

b. The Quoted Transmission Charges as per the format at Annexure-21 shall be inclusive of all charges and no exclusions shall be allowed. The Bidders shall take into account all costs including capital and operating, statutory taxes, duties, levies. Availability of the inputs necessary for operation and maintenance of the Project should be ensured by the TSP at the Project site and all costs involved in procuring the inputs (including statutory taxes, duties, levies thereof) at the Project site must be included in the Quoted Transmission Charges.

c. Annexure 21 duly digitally signed by authorized signatory.

2.5.4 Wherever information has been sought in specified formats, the Bidders shall fill in the details as per the prescribed formats and shall refrain from referring to any other document for providing any information required in the prescribed format.

2.5.5 Transmission Charges

2.5.5.1. The Transmission Charges shall be specified in the Transmission Service Agreement and shall be payable to the TSP in Indian Rupees only. The Bidders shall quote single Transmission Charges as per the format at Annexure – 21.

2.5.5.2. The Transmission Charges of the Selected Bidder shall be inserted in Schedule 5 of the Transmission Service Agreement.

2.5.6 Bidders may note that:

a) All the information and documents in Bid shall be submitted in English language only.

b) Bidders shall mention the name, designation, telephone number, fax number, email address of the authorized signatory and complete address of the Bidder in the covering letter.

c) All pages of the Bid submitted shall be initialed and stamped by the authorized signatory on behalf of the Bidder.

d) A Bidder shall submit only one Bid in the same bidding process, either individually as Bidding Company or as a Member of a Bidding Consortium.

e) The technical and financial capability of a particular company / particular project (Parent and/ or Affiliate) shall not be used directly or indirectly by more than one Bidder/ Member of a Bidding Consortium including Lead Member / Bidding Company.

f) This Request for Proposal (RFP) document is not transferable. The RFP document and the information contained therein is for the use only by the Bidder to whom it is issued. It may not be copied or distributed by the recipient to third parties (other than in confidence to the recipient's professional advisors). In the event that the recipient does not continue with its involvement in the Project, this RFP document must be kept confidential.

g) Though adequate care has been taken while preparing this RFP document, the Bidder shall satisfy himself that the document is complete in all respects. Intimation of any discrepancy shall be given to the BPC immediately. If no intimation is received from any Bidder within ten (10) days from the date of issue of RFP document, it shall be considered that the RFP document is complete in all respects and has been received by the Bidder.

h) Bids submitted by the Bidder and opened on scheduled date and time as stipulated in this RFP shall become the property of the BPC and BPC shall have no obligation to return the same to the Bidder.

i) If any Bidder conceals any material information or makes a wrong statement or misrepresents facts or makes a misleading statement in its Bid, in any manner whatsoever, the BPC reserves the right to reject such Bid or cancel the Letter of Intent, if issued. If such event is discovered after the Effective Date, consequences specified in Transmission Service Agreement shall apply.

j) If for any reason the Bid of the Bidder with the lowest Quoted Transmission Charges is not selected or Letter of Intent issued to such Selected Bidder is cancelled or such Bidder withdraws its Bids, the BPC may :-

   i. Invite all the remaining Bidders to revalidate or extend their respective Bid Security, as necessary, and match the Bid of the Bidder with the lowest Quoted Transmission Charges (the "second round of bidding") with following cases:

      • If in the second round of bidding, only one Bidder matches the Bid of the Bidder with lowest Quoted Transmission Charges, it shall be the Selected Bidder.

- If two or more Bidders match the Bid of the Bidder with the lowest Quoted Transmission Charges in the second round of bidding, then the Bidder whose Quoted Transmission Charges was lower as compared to other Bidder(s) in the first round of bidding shall be the Selected Bidder. For example, if the third and fifth lowest Bidders in the first round of bidding offer to match the Bid of the Bidder with lowest Quoted Transmission Charges in the second round of bidding, the said third lowest Bidder shall be the Successful Bidder.

- In the event that no Bidder offers to match the Bid of the Bidder with the lowest Quoted Transmission Charges in the second round of bidding, the BPC may, in its discretion, invite fresh Bids (the "third round of bidding") from all Bidders except the Bidder which quoted the lowest Quoted Transmission Charges in the first round of bidding. In case the Bidders are invited for the third round of bidding to revalidate or extend their Bid Security, as necessary, and offer fresh Bids, they shall be eligible for submission of fresh Bids provided, however, that in such third round of bidding only such Bids shall be eligible for consideration which are lower than the Quoted Transmission Charges of the second lowest Bidder in the first round of bidding; or;

ii. Annul the bid process; or

iii. Take any such measure as may be deemed fit in the sole discretion of the BPC[1]

k) The BPC may, at its sole discretion, ask for additional information / document and/or seek clarifications from a Bidder after the Bid Deadline, inter alia, for the purposes of removal of inconsistencies or infirmities in its Bid. However, no change in the substance of the Quoted Transmission Charges shall be sought or permitted by the BPC.

l) Non submission and/or submission of incomplete data/ information required under the provisions of RFP shall not be construed as waiver on the part of BPC of the obligation of the Bidder to furnish the said data / information unless the waiver is in writing.

m) Bidders shall familiarize itself with the procedures and time frames required to obtain all Consents, Clearances and Permits.

n) All Bidders are required to ensure compliance with the standards and codes mentioned in Clause 1.6.1.2.

o) BPC reserves the right to reject all Bids and/or annul the process of tariff based competitive bidding for selection of Bidder as TSP to execute the Project without assigning any reason. BPC shall not bear any liability, whatsoever, in this regard.

p) Foreign companies submitting the Bid are required to follow the applicable law in their country for execution of POA, Consortium Agreement and affixation of Common Seal (wherever required) and in such cases, their Bid should be supported by an unqualified opinion issued by an independent legal counsel practicing in the relevant country, stating that execution of such POA, Consortium Agreement and the authorizations

[1] **BPC shall record reasons for the same.**

granted therein are true and valid. Foreign companies executing POA outside India shall necessarily pay the adequate stamp charges in India as per the provisions of Stamp Act.

2.5.7 Bidders to inform themselves fully

2.5.7.1. The Bidders shall make independent enquiry and satisfy themselves with respect to all the required information, inputs, conditions and circumstances and factors that may have any effect on his Bid. Once the Bidders have submitted their Bids, the Bidders shall be deemed to have inspected and examined the site conditions (including but not limited to its surroundings, its geological condition and the adequacy of transport facilities to the site), the laws and regulations in force in India, the transportation facilities available in India, the grid conditions, the adequacy and conditions of roads, bridges, railway sidings, ports, etc. for unloading and/or transporting heavy pieces of material and has based its design, equipment size and fixed its price taking into account all such relevant conditions and also the risks, contingencies and other circumstances which may influence or affect the transmission of power. Accordingly, each Bidder acknowledges that, on being selected as Successful Bidder and on acquisition of one hundred percent (100%) of the equity shares of the Sakoli Power Transmission Limited, the TSP shall not be relieved from any of its obligations under the RFP Project Documents nor shall the TSP be entitled to any extension in Scheduled COD mentioned in this RFP or financial compensation for any reason whatsoever.

2.5.7.2. In their own interest, the Bidders are requested to familiarize themselves with all relevant laws of India, including without limitation, the Electricity Act 2003, the Income Tax Act 1961, the Companies Act, 1956 / Companies Act, 2013 (as the case may be), Environment Protection Act 1986 and Forest (Conservation) Act, 1980, the Customs Act, the Foreign Exchange Management Act, Land Acquisition Act, 1894, the Indian Telegraph Act 1885, Labour & Employment Laws of India, [Insurance Act], the regulations/standards framed by the Central Commission, State Commission and CEA, all other related acts, laws, rules and regulations prevalent in India, as amended from time to time.

In addition to the above, the Bidders are required to familiarize themselves with all relevant technical codes and standards, including but not limited to the Grid Code / State Grid Code, Central Electricity Authority (Installation and Operations of Meters) Regulations, 2006, Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007, MERC (Transmission Open Access) Regulations, 2016, Central Electricity Authority (Technical Standards for construction of Electrical Plants and Electric Lines) Regulation, 2022, Central Electricity Authority (Technical Standards for Communication System in Power System Operation) Regulations, 2020, and other relevant Rules/ Regulations/ Guidelines issued by the Central Government, State Government, Central Commission, State Commission and the CEA and amendments thereof.

The BPC shall not entertain any request for clarifications from the Bidders regarding the above laws / acts / rules / regulations / standards. Non-awareness of the same shall not be a reason for the Bidder to request for extension in Bid Deadline. The Bidders undertake and agree that, before submission of their Bid, all such factors as generally brought out above, have been fully investigated and considered while submitting their Bids.

2.5.7.3. The Survey Report has been prepared in good faith, and on best endeavor basis. Neither BPC & Nodal Agency nor their employees or advisors/consultants make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions made in the Survey Report, or the accuracy, completeness or reliability of information contained therein, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of such Survey Report, even if any loss or damage is caused to the Bidders by any act or omission on their part.

2.5.7.4. Bidders shall make best efforts and carry out its own due diligence upon survey report provided by BPC and shall consider all possible techno-commercial factors before submission of Bid. Bidders may also visit the route of the Transmission Lines associated with the Project and the surrounding areas and obtain / verify all information which they deem fit and necessary for the preparation of their Bid. Bidders may also carry out required surveys and field investigation for submission of their Bid. Bidders may also opt for any other route and is not bound to follow the route suggested in survey report provided by BPC.

2.5.7.5. Failure to investigate, examine and to inspect site or subsurface conditions fully shall not be grounds for a Bidder to alter its Bid after the Bid Deadline nor shall it relieve a Bidder from any responsibility for appropriately eliminating the difficulty or costs of successfully completing the Project.

2.5.7.6. The Selected Bidder shall obtain all necessary Consents, Clearances and Permits as required. The Bidders shall familiarize itself with the procedures and time frame required to obtain such Consents, Clearances and Permits.

2.5.7.7. The technical requirements of integrated grid operation are specified in the Indian Electricity Grid Code (IEGC)/ State Grid Code. The Bidders should particularly acquaint themselves with the requirements of connection conditions, operating code for regional grids, scheduling and dispatch instructions/codes, etc. The Bidders are also advised to fully familiarize themselves with the real time grid conditions in the country. Information regarding grid parameters such as voltage and frequency is available on the websites of Regional / State Load Despatch Centres.

2.5.8 Minimum Equity holding/Equity Lock-in

2.5.8.1. (a) The aggregate equity share holding of the Selected Bidder, in the issued and paid up equity share capital of Sakoli Power Transmission Limited shall not be less than Fifty one percent (51%) up to a period of (1) one year after COD of the Project;

(b) In case the Selected Bidder is a Bidding Consortium, then any Member (other than the Lead Member) of such Bidding Consortium shall be allowed to divest its equity as long as the other remaining Members (which shall always include the Lead Member) hold the minimum equity specified in (a) above.

(c) If equity is held by the Affiliates, Parent Company or Ultimate Parent Company, then subject to the second proviso of this Clause 2.5.8.1 (c), such Affiliate, Parent Company or Ultimate Parent Company shall be permitted to transfer its shareholding in Sakoli Power

Transmission Limited to another Affiliate or to the Parent Company / Ultimate Parent Company. If any such shareholding entity, qualifying as an Affiliate / Parent Company / Ultimate Parent Company, is likely to cease to meet the criteria to qualify as an Affiliate / Parent Company / Ultimate Parent Company, the shares held by such entity shall be transferred to another Affiliate / Parent Company / Ultimate Parent Company.

Provided that in case the Lead Member or Bidding Company is holding equity through Affiliate/s, Ultimate Parent Company or Parent Company, such restriction shall apply to such entities.

Provided further, that the aggregate equity share holding of the Bidding Consortium or a Bidding Company in the issued and paid up equity share capital of Sakoli Power Transmission Limited shall not be less than fifty one percent (51%) up to a period of one (1) year after COD of the Project and the lead Member of the Consortium shall have the equity share holding not less than twenty six percent (26%). In case the Selected Bidder is a Bidding Consortium, then any Member (other than the Lead Member) of such Bidding Consortium shall be allowed to divest its equity as long as the other remaining Members (which shall always include the Lead Member) hold the minimum equity specified in (a) above.

(d) All transfer(s) of shareholding of Sakoli Power Transmission Limited by any of the entities referred to above, shall be after prior written intimation to the Nodal Agency

2.5.8.2. The Selected Bidder may invest in the equity share capital of Sakoli Power Transmission Limited through its Affiliate(s) or Ultimate Parent Company or Parent Company. Details of such investment will have to be specified in the Technical Bid as per Format 2 of Annexure 8 of the RFP. If the Selected Bidder so invests through any Affiliate(s) or Ultimate Parent Company or Parent Company, the Selected Bidder shall be liable to ensure that minimum equity holding/lock-in limits specified in Clause 2.5.8.1 and as computed as per the provisions of Clause 2.5.8.3 are still maintained.

2.5.8.3. For computation of effective Equity holding, the Equity holding of the Selected Bidder or its Ultimate Parent Company in such Affiliate(s) or Parent Company and the equity holding of such Affiliate (s) or Ultimate Parent Company in Sakoli Power Transmission Limited shall be computed in accordance with the example given below:

If the Parent Company or the Ultimate Parent Company of the Selected Bidder A directly holds thirty percent (30%) of the equity in Sakoli Power Transmission Limited then holding of Selected Bidder A in Sakoli Power Transmission Limited shall be thirty percent (30%);

If Selected Bidder A holds thirty percent (30%) equity of the Affiliate and the Affiliate holds fifty percent (50%) equity in Sakoli Power Transmission Limited, then for the purposes of ascertaining the minimum equity/equity lock-in requirements specified above, the effective holding of Bidder A in Sakoli Power Transmission Limited shall be fifteen percent (15%), (i.e., 30%* 50%);

2.5.8.4. The provisions as contained in this Clause 2.5.8 and Article 19.1 of the Transmission Service Agreement shall override the terms of the Consortium Agreement submitted by the Bidder as part of the RFP.

2.6 Project Schedule

2.6.1. All Elements of the Project are required to be commissioned progressively as per the schedule given in the following table;

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler-1 No. • 132 kV Bus Coupler-1 No. • 132 kV Transfer Bus Coupler- 1 set **<u>Future Space Provisions:</u>** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.	24 months from Effective Date	100%	All Elements are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
2.	LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)			
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.			
4.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) • 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.			
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.			
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.			

Note-

Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.

In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.

The payment of Transmission Charges for any Element irrespective of its successful commissioning on or before its Scheduled COD shall only be considered after successful commissioning of the Element(s) which are pre-required for declaring the commercial operation of such Element as mentioned in the above table.

Scheduled COD for overall Project: 24 Months from Effective Date

2.7 Due dates

2.7.1. The Bidders should submit the Bids online through the electronic bidding platform before the Bid Deadline i.e. on or before 1500 Hrs (IST) on 17.02.2026. In addition to the online submission, the Bidder with lowest Final Offer will be required to submit original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14 before issuance of LoI.

2.7.2. Important timelines are mentioned below:

Date	Event
16.12.2025	Issuance of RFP
05.01.2026	Submission of written clarifications/amendments, if any, on the RFP / RFP Project Documents by Bidders so as to reach BPC by 1700 hours. Such written clarifications/amendments shall be in the format provided in Annexure-20.
12.01.2026	Pre-Bid meeting(s)
23.01.2026	Issue of written clarifications and revised RFP documents
02.02.2026	Issue of final RFP Project Documents
17.02.2026	Submission of Bid (Online submission of Bid through electronic bidding portal)
17.02.2026	Opening of Technical Bid
25.02.2026	Shortlisting and announcement of Qualified Bidders on bidding portal
26.02.2026	Opening of Financial Bid - Initial Offer
27.02.2026	Electronic reverse auction (Financial Bid – Final Offer) for the Qualified Bidders.
05.03.2026	Submission of original hard copies of Annexure 3, Annexure 4, Annexure 6, as applicable and Annexure 14 by the bidder with lowest Final Offer
09.03.2026	Selection of Successful Bidder and issue of LOI
19.03.2026	Signing of RFP Project Documents and transfer of Sakoli Power Transmission Limited

2.7.3. To enable BPC to meet the schedule, all Bidders are expected to respond expeditiously during the bidding process. If any milestone/activity falls on a day which is not a working day or which is a public holiday then the milestone/activity shall be achieved/ completed on the next working day.

2.8 Validity of the Bid

2.8.1. The Bid shall remain valid for a period of one hundred and eighty (180) days from the

Bid Deadline. The BPC reserves the right to reject any Bid which does not meet aforementioned validity requirement.

2.8.2. The BPC may solicit the Bidders' consent for an extension of the period of validity of the Bid. The request and the response, thereafter, shall be in writing. In the event any Bidder refuses to extend its Bid validity as requested by the BPC, the BPC shall not be entitled to invoke the Bid Bond. A Bidder accepting the BPC's request for validity extension shall not be permitted to modify its Bid and such Bidder shall, accordingly, extend the validity of the Bid Bond as requested by the BPC within seven (7) days of such request, failing which the Bid shall not be considered as valid.

2.9 Method of Submission

2.9.1. Both the Technical and Financial Bids duly filled in, all formats and supporting shall be scanned and uploaded online through electronic bidding platform in the manner specified in Annexure A

2.9.2. It may be noted that Technical Bid shall not contain any information/document relating to Financial Bid. If Technical Bid contains any such information/documents, the BPC shall not be responsible for premature opening of the Financial Bid.

All pages of the Bid, except for the Bid Bond (Annexure 14) and any other document executed on non-judicial stamp paper, forming part of the Bid and corrections in the Bid, if any, must be signed by the authorized signatory on behalf of the Bidder. It is clarified that the same authorized signatory shall sign all pages of the Bid. However, any published document submitted in this regard shall be signed by the authorized signatory at least on the first and last page of such document.

2.9.3. No change or supplemental information to a Bid already submitted will be accepted after the Bid Deadline, unless the same is requested for by the BPC as per Clause 2.5.6 (k).

Provided that a Bidder shall always have the right to withdraw / modify its Bid before the Bid Deadline. No Technical Bid or Initial Offer shall be modified, substituted or withdrawn by the Bidder on or after the Bid Deadline.

2.10 Preparation cost

2.10.1. The Bidders shall be responsible for all the costs associated with the preparation of the Bid and participation in discussions and attending pre-bid meetings, and finalization and execution of the RFP Project Documents (other than the TSA), etc. BPC shall not be responsible in any way for such costs, regardless of the conduct or outcome of the process of tariff based competitive bidding for selection of Bidder as TSP as per Bidding Guidelines.

2.10.2. The cost of this RFP is Rs. 5,00,000/- (Rupees Five Lakh Only) or US$ 7,000 (US Dollars Seven Thousand Only) plus GST as per applicable rate, which shall be non-refundable. This amount shall be paid via electronic transfer to the following Bank Account:

Bank Name, Address & Branch	ICICI Bank 9A, Phelps Building, Inner Circle, Connaught Place, New Delhi110001
Bank Account Name	REC Power Development & Consultancy Limited

Bank Account No	000705041275
Bank IFSC Code No	ICIC0000007

Immediately after issuance of RFP document, the Bidder shall submit the Pre-Award Integrity Pact in the format as prescribed in Annexure B, which shall be applicable for and during the bidding process, duly signed on each page by any whole-time Director / Authorized Signatory, duly witnessed by two persons, and shall be submitted by the Bidder in two (2) originals in a separate envelope, duly superscripted with Pre-Award Integrity Pact. The Bidder shall submit the Pre-Award Integrity Pact on non-judicial stamp paper of Rs. 100/- each duly purchased from the National Capital Territory of Delhi. In case the Bidder is in a consortium, the Pre-Award Integrity Pact shall be signed and submitted by each member of the Consortium separately.

2.11 Bid Bond

2.11.1. Each Bidder shall submit the Bid accompanied by Bid Bond issued by any of the Banks listed in Annexure-17. The Bid Bond shall be valid for a period of thirty (30) days beyond the validity of the Bid.

2.11.2. Subject to the provisions of Clause 2.15.5, the Bid Bond may be invoked by the BPC or its authorized representative, without any notice, demure, or any other legal process upon occurrence of any of the following:

- Bidder withdraws during the period of Bid Validity as specified in this RFP or as extended by mutual consent of the respective Bidder(s) and the BPC
- Failure to execute the Share Purchase Agreement as per the provisions of Clause 2.15.2; or
- Failure to furnish the Contract Performance Guarantee as per Clause 2.12; or
- Failure to acquire one hundred percent (100%) equity shares of Sakoli Power Transmission Limited, along with all its related assets and liabilities, in accordance with the provisions of Clause 2.15.2; or
- Failure to comply with the provisions of Clause 2.15.5 and Clause 2.15.6, leading to annulment of the award of the Project.
- Bidders submitting any wrong information or making any misrepresentation in their Bid as mentioned in Clause 2.5.6.

Intimation of the reasons of the invocation of the Bid Bond shall be given to the Selected Bidder by the BPC within three (3) working days after such invocation.

2.11.3. The Bid Bond of the Selected Bidder shall be returned on submission of the Contract Performance Guarantee as per Clause 2.12 and the relevant provisions of the Transmission Service Agreement.

2.11.4. The Bid Bond of all the Bidders, whose Bids are declared non-responsive, shall be returned

within a period of thirty (30) days after the date on which the Financial Bids are opened.

2.11.5. The Bid Bond of all unsuccessful Bidders shall be returned and released by the BPC on the same day on which the Sakoli Power Transmission Limited is transferred to the Selected Bidder. The Bid Bond of the Successful Bidder shall be returned on submission of Contract Performance Guarantee as per Clause 2.12 of this RFP and the provisions of the Transmission Service Agreement.

2.12 Contract Performance Guarantee

2.12.1. Within ten (10) days from the date of issue of the Letter of Intent, the Selected Bidder, on behalf of the TSP, will provide to the Nodal Agency the Contract Performance Guarantee for an amount of Rs. 16.70 Crore (Rupees Sixteen Crore and Seventy Lakh Only). The Contract Performance Guarantee shall be initially valid for a period up to three (3) months after the Scheduled COD of the Project and shall be extended from time to time to be valid for a period up to three (3) months after the COD of the Project and thereafter shall be dealt with in accordance with the provisions of the Transmission Service Agreement. The Contract Performance Guarantee shall be issued by any of the banks listed in Annexure-17 as per format given at Annexure- 15 or any of the insurance companies authorized by Insurance Regulatory and Development Authority of India as per format given at Annexure-15 A or PFC/ REC/ IREDA as per Payment on Order Instrument format given at Annexure-15B.

2.12.2. In case the Selected Bidder is unable to obtain the Contract Performance Guarantee for the total amount from any one bank specified in Annexure-17, the Selected Bidder may obtain the same from not more than three (3) banks specified in Annexure-17.

2.13 Opening of Bids

2.13.1. Technical Bid will be opened by the Bid Opening Committee as per the following time schedule and in the office of Chief Engineer (Maharashtra STU), in the online presence of Bidders' representatives who wish to attend:

Opening of Envelope (Technical Bid): 1530 hours (IST) on 17.02.2026.

or such other dates as may be intimated by BPC to the Bidders.

In the event of any of above dates falling on a day which is not a working day or which is a public holiday, then the bids shall be opened on the next working day at the same venue and time.

Opening of Initial Offer: Initial Offer shall be opened by the Bid Opening Committee in presence of the Bid Evaluation Committee at 1530 hours (IST) on 26.02.2026 in the office of Chief Engineer (Maharashtra STU).

2.13.2. The following information from each Bid will be read out to all the Bidders at the time of opening of Technical Bid:

- Name of the Bidding Company / Consortium Members in case of Bidding Consortium.

Information to be provided after opening of Initial Offer:

Only the lowest Initial Offer (s) shall be communicated to all the Qualified Bidders to participate in the e-reverse bidding process. During the e-reverse bidding process only the lowest prevailing bid should be visible to all the bidders on the electronic platform.

2.14 Enquiries

Written clarifications on the RFP and other RFP Project Documents as per Clause 2.3 and 2.4 may be sought from:

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001
Email: vijay.kulkarni@recpdcl.in & tbcb@recpdcl.in

2.15 Other Aspects

2.15.1. The draft of the Transmission Service Agreement has been attached to this RFP. In addition to above, the following documents have also been attached to this RFP:

a) Share Purchase Agreement

When the drafts of the above RFP Project Documents are provided by the BPC, these RFP Project Documents shall form part of this RFP as per Formats – 1 & 2 of Annexure 20.

Upon finalization of the RFP Project Documents after incorporating the amendments envisaged in Clause 2.4 of this RFP, all the finalized RFP Project Documents shall be provided by BPC to the Bidders at least fifteen (15) days prior to the Bid Deadline.

The Transmission Service Agreement and Share Purchase Agreement shall be signed in required number of originals so as to ensure that one (1) original is retained by each party to the Agreement(s) on the date of transfer of SPV.

2.15.2. Within ten (10) days of the issue of the Letter of Intent, the Selected Bidder shall:

a) provide the Contract Performance Guarantee in favour of the Nodal Agency as per the provisions of Clause 2.12;

b) execute the Share Purchase Agreement and the Transmission Service Agreement;

c) acquire, for the Acquisition Price, one hundred percent (100%) equity shareholding of Sakoli Power Transmission Limited from REC Power Development and Consultancy Limited, who shall sell to the Selected Bidder, the equity shareholding of Sakoli Power Transmission Limited, along with all its related assets and liabilities;

Stamp duties payable on purchase of one hundred percent (100%) of the equity shareholding of Sakoli Power Transmission Limited, along with all its related assets and liabilities, shall also be borne by the Selected Bidder.

Provided further that, if for any reason attributable to the BPC, the above activities are not completed by the Selected Bidder within the above period of ten (10) days as mentioned in this Clause, such period of ten (10) days shall be extended, on a day for day basis till the end of the Bid validity period.

2.15.3. After the date of acquisition of the equity shareholding of Sakoli Power Transmission Limited, along with all its related assets and liabilities, by the Selected Bidder,

i. the authority of the BPC in respect of this Bid Process shall forthwith cease and any actions to be taken thereafter will be undertaken by the Nodal Agency,
ii. all rights and obligations of Sakoli Power Transmission Limited, shall be of the TSP,
iii. any decisions taken by the BPC prior to the Effective Date shall continue to be binding on the Nodal Agency and
iv. contractual obligations undertaken by the BPC shall continue to be fulfilled by the TSP.

2.15.4. Within five (5) working days of the issue of the acquisition of the SPV by the Successful Bidder, the TSP shall apply to the State Commission for grant of Transmission License and make an application to the State Commission for the adoption of Transmission Charges, as required under Section – 63 of The Electricity Act 2003.

2.15.5. If the Selected Bidder / TSP fails or refuses to comply with any of its obligations under Clauses 2.15.2, 2.15.3 and 2.15.4, and provided that the other parties are willing to execute the Share Purchase Agreement and REC Power Development and Consultancy Limited is willing to sell the entire equity shareholding of Sakoli Power Transmission Limited, along with all its related assets and liabilities, to the Selected Bidder, such failure or refusal on the part of the Selected Bidder shall constitute sufficient grounds for cancellation of the Letter of Intent. In such cases, the BPC / its authorized representative(s) shall be entitled to invoke the Bid Bond of the Selected Bidder.

2.15.6. If the TSP fails to obtain the Transmission License from the State Commission, it will constitute sufficient grounds for annulment of award of the Project.

2.15.7. The annulment of award, as provided in Clauses 2.15.5 and 2.15.6 of this RFP, will be done by the State Government on the recommendations of Empowered Committee. However, before recommending so, Empowered Committee will give an opportunity to the Selected Bidder / TSP to present their view point.

2.15.8. The annulment of the award, under Clause 2.15.5 or 2.15.6 of this RFP, shall be sufficient grounds for blacklisting the bidder, whose award has been annulled, for a period of five years or more, as decided by the Empowered Committee, provided that the blacklisting shall be done only after giving the bidder an opportunity for showing cause.

2.16 Confidentiality

2.16.1. The parties undertake to hold in confidence this RFP and RFP Project Documents and not to disclose the terms and conditions of the transaction contemplated hereby to third parties, except:

a) to their professional advisors;

b) to their officers, contractors, employees, agents or representatives, financiers, who need to have access to such information for the proper performance of their activities;

c) disclosures required under Law, without the prior written consent of the other parties of the concerned agreements.

Provided that the TSP agrees and acknowledges that the Nodal Agency may at any time, disclose the terms and conditions of the RFP and RFP Project Documents to any person, to the extent stipulated under the Law or the Bidding Guidelines.

2.17 Right of the BPC to reject any Bid

BPC reserves the right to reject all or any of the Bids/ or cancel the RFP without assigning any reasons whatsoever and without any liability.

2.18 Non submission and/or submission of incomplete data/ information required under the provisions of RFP shall not be construed as waiver on the part of BPC of the obligation of the Bidder to furnish the said data / information unless the waiver is in writing.

2.19 Fraudulent and Corrupt Practices

2.19.1. The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Bid process and subsequent to the issue of the LoI Notwithstanding anything to the contrary contained herein, or in the LoI, the BPC shall reject a Bid, withdraw the LoI, as the case may be, without being liable in any manner whatsoever to the Bidder, if it determines that the Bidder has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in the Bid process. In such an event, the BPC shall forfeit the Bid Bond, without prejudice to any other right or remedy that may be available to the BPC hereunder or otherwise.

2.19.2. Without prejudice to the rights of the BPC under Clause 2.19.1 hereinabove and the rights and remedies which the BPC may have under the LoI, if a Bidder is found by the BPC to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Bid process, or after the issue of the LoI, such Bidder & its Affiliates shall not be eligible to participate in any tender or RFP issued by any BPC for an indefinite period from the date such Bidder is found by the BPC to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practices, as the case may be.

2.19.3. For the purposes of this Clause 2.19, the following terms shall have the meaning

hereinafter respectively assigned to them:

a) **"corrupt practice"** means (i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Bid process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the BPC who is or has been associated or dealt in any manner, directly or indirectly with the Bid process or the LoI or has dealt with matters concerning the Transmission Service Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the BPC, shall be deemed to constitute influencing the actions of a person connected with the Bid Process); or (ii) engaging in any manner whatsoever, whether during the Bid Process or after the issue of the LoI or after the execution of the Transmission Service Agreement, as the case may be, any person in respect of any matter relating to the Project or the LoI or the Transmission Service Agreement, who at any time has been or is a legal, financial or technical adviser of the BPC in relation to any matter concerning the Project;

b) **"Fraudulent practice"** means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bid process;

c) **"Coercive practice"** means impairing or harming, or threatening to impair or harm, directly or indirectly, any person or property to influence any person's participation or action in the Bid process;

d) **"undesirable practice"** means (i) establishing contact with any person connected with or employed or engaged by the BPC with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bid process; or (ii) having a Conflict of Interest; and

e) **"Restrictive practice"** means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Bid process.

SECTION - 3

EVALUATION OF THE TECHNICAL AND FINANCIAL BID

SECTION 3

1. EVALUATION OF BID

3.1. The evaluation process of Technical Bid comprises the following five steps:

Step I – Responsiveness check
Step II- Compliance with submission requirements
Step III– Evaluation of Technical Bids
Step IV– Evaluation of Financial Bids
Step V – Bidder Selection

3.2. STEP I – Responsiveness check

The Technical Bid submitted by the Bidder shall be initially scrutinized to establish "Responsiveness". Subject to clause 2.5.6 (k), any of the following conditions shall cause the Technical Bid to be "Non-responsive":

a) Technical Bid that are incomplete.

b) Technical Bid not signed by authorized signatory and / or stamped in the manner indicated in this RFP.

c) All pages of the Technical Bid submitted but not initialed by the authorized signatories on behalf of the Bidder.

d) Technical Bid not including the covering letter as per Annexure 1.

e) Technical Bid submitted by a Bidding Consortium not including the Consortium Agreement.

f) Technical Bid contains material inconsistencies in the information and documents submitted by the Bidder, affecting the Qualification Requirements.

g) Bidder submitting or participating in more than one Bid either as a Bidding Company or as a Member of Bidding Consortium.

h) More than one Member of the Bidding Consortium or a Bidding Company using the credentials of the same Parent/Affiliate.

i) Information not submitted in formats specified in the RFP.

j) Applicable Board resolutions, or any other document, as provided in Clause 2.5.2, not being submitted;

~~k)~~ Bid not accompanied by a valid Bid Bond~~;~~

l) Non submission of power of attorney, supported by a Board resolution;

m) Bid validity being less than that required as per Clause 2.8 of this RFP;

n) Bid not containing Format-1 (Bidders' Undertakings) of Annexure-8;

o) Bidder having Conflict of Interest

p) The Bidder has not submitted a disclosure as per Annexure 13.

q) Bidders delaying in submission of additional information or clarifications sought by the BPC.

r) If the Bidder makes any misrepresentation as specified in Clause 3.7.

s) Bid being conditional in nature.

t) More than one Member of the Bidding Consortium or a Bidding Company using the credentials of the same Parent/Affiliate.

3.3. STEP II - Compliance with submission requirements

Each Bidder's Technical Bid shall be checked for compliance with the submission requirements set forth in this RFP before the evaluation of Technical Bid is taken up. Annexure 16 and Annexure 11A shall be used to check whether each Bidder meets the stipulated requirements.

3.4. STEP III -Evaluation of Technical Bid

Evaluation of Technical Bid will be carried out considering the information and documents furnished by the Bidders as required under this RFP. This step would involve technical and financial evaluation of the details/ documents furnished by the Bidding Company / Bidding Consortium in support of meeting the Qualification Requirements

3.4.1. Interpolation of financial data.

For the Qualification Requirements data provided by the Bidders in foreign currency, equivalent rupees of Networth will be calculated using bills selling exchange rates (card rate) USD/INR of State Bank of India prevailing on the date of closing of the accounts for the respective financial year as certified by their Banker.

For the purpose of calculating the aggregate capital expenditure/construction experience of the projects completed/ commissioned where such projects are executed outside India and capital expenditure is denominated in foreign currency, bills selling exchange rates (card rate) USD/INR of State Bank of India prevailing on the date of closing of the financial year in which the projects were completed and as certified by their Banker shall be considered.

For the projects executed in the current financial year bills selling (card rate) USD/INR of State Bank of India prevailing on seven (7) days prior to the last date of submission of Technical Bid and as certified by their Banker shall be considered.

For currency other than USD, Bidders shall convert such currency into USD as per the exchange rates certified by their Banker prevailing on the relevant date and used for such

conversion. Such Bidders shall submit necessary certification from their Banker for the exchange rate used in the conversation.

If the exchange rate for any of the above dates is not available, the rate for the immediately available previous day shall be taken into account.

3.4.2. Bidders meeting the Qualification Requirements, subject to evaluation as specified in Clauses 3.2 to 3.4 shall be declared as Qualified Bidders and eligible for opening of Initial Offer.

3.4.3. The BPC shall upload the list of all Qualified Bidders and Non-Qualified Bidders on the bidding portal along with the reasons for non-qualification.

3.5. STEP IV - Evaluation of Financial Bids

3.5.1. The Bids which have been found Qualified by the BPC, based on the Steps I to III as specified above in Clauses 3.2.to 3.4, shall be opened and Quoted Transmission Charges of such Initial Offer shall be ranked on the basis of the ascending Initial Offer submitted by each Qualified Bidder.

Based on such ranking of the Qualified Bidders, in the first fifty per cent of the ranking (with any fraction rounded off to higher integer) or four Qualified Bidders, whichever is higher, shall qualify for participating in the electronic reverse auction.

Provided however, in case only one Bidder remains after the Evaluation of Technical Bid (Steps 1 to III) as per Clause 3.2 to 3.4, the Initial Offer of such Bidder shall not be opened and the matter shall be referred to the State Government.

Provided that in the event the number of Qualified Bidders is between two and four, then each of the responsive Bidder shall be considered as Qualified Bidders.

Provided that in the event of identical Quoted Transmission Charges discovered from the Initial Offer having been submitted by one or more Bidders, all such Bidders shall be assigned the same rank for the purposes of determination of Qualified Bidders. In such cases, all Qualified Bidders who shares the same rank till 50% of the rank (with any faction rounded off to higher integer) determined above, shall qualify to participate in the electronic reverse auction stage. In case 50% of the rank is having less than four (4) Bidders and the rank of the fourth (4^{th}) Bidder is shared by more than one Bidder, then all such all such Bidders who share the rank of the fourth Bidder shall qualify to participate in the electronic reverse auction.

3.5.2. The Financial Bids comprising of both Initial Offer and Final Offer submitted by the Bidders shall be scrutinized to ensure conformity with the provisions of Clause 2.5.3 of this RFP. Any Bid not meeting any of the requirements as per Clause 2.5.3 of this RFP may cause the Bid to be considered "Non-responsive", at the sole decision of the BPC. Financial Bid not in conformity with the requirement of SI. No. (c) of Clause 2.5.3 of this RFP shall be rejected.

3.5.3 The Bidders shall quote the single annual Quoted Transmission Charges as specified in the format at Annexure – 21.

3.6. STEP V - Bidder Selection

3.6.1. The prevailing lowest Quoted Transmission Charges discovered from Final Offers shall only be displayed during the e-reverse bidding and the Bidder quoting such Final Offer will always remain anonymous during the e-reverse bidding. The Bidder with the prevailing lowest Quoted Transmission Charges discovered from Final Offers at the close of the scheduled or extended period of e-reverse bidding as mentioned in clause 2.5 shall be declared as the Successful Bidder, subject to verification of the original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14. The Letter of Intent shall be issued to such Successful Bidder in two (2) copies.

However, if no bid is received during the e-reverse bidding stage then the Bidder with lowest quoted initial transmission charges ("Initial Offer") during e-bidding stage shall be declared as the Successful Bidder, subject to verification of the original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14. The Letter of Intent shall be issued to such Successful Bidder in two (2) copies.

In case, there is a discrepancy between the online submission and physical documents, the bid would be out rightly rejected and the bidder shall be construed to have engaged in the fraudulent practice as defined in Clause 2.19.3 with consequences as mentioned in Clause 2.19.2. Further, in such a case, the provisions of Clause 2.5.6 (j) shall apply.

3.6.2. The Selected Bidder shall unconditionally accept the LoI, and record on one (1) copy of the LoI, "Accepted unconditionally", under the signature of the authorized signatory of the Successful Bidder and return such copy to the BPC within seven (7) days of issue of LoI.

3.6.3. If the Successful Bidder, to whom the Letter of Intent has been issued, does not fulfill any of the conditions specified in Clauses 2.15.2, 2.15.3 and Clause 2.15.4, then subject to Clause 2.15.5, the BPC reserves the right to annul the award of the Project and cancel the Letter of Intent. Further, in such a case, the provisions of Clause 2.5.6 (j) shall apply.

3.6.4. The BPC, in its own discretion, has the right to reject all Bids if the Quoted Transmission Charges are not aligned to the prevailing prices.

3.7. Misrepresentation by the Bidder

If the Bidder conceals any material information or makes a wrong statement or misrepresents facts or makes a misleading statement in the Technical Bid or Bid, as the case may be, in any manner whatsoever, in order to create circumstances for the acceptance of its Technical Bid/Bid, the BPC reserves the right to reject such Technical Bid/Bid, and/ or cancel the Letter of Intent, if issued. Further, in case Letter of Intent is cancelled, consequences as per provisions of the RFP shall follow.

3.8. Disposition of Technical Bid

3.8.1. Technical Bid found to be Non-responsive as per Clause **3.2,** due to any of the following conditions, shall be liable for rejection.

- Technical Bid that is incomplete.

- Technical Bid not signed by authorized signatory and / or stamped in the manner indicated in this RFP.
- All pages of the Technical Bid submitted but not initialed by the authorized signatories on behalf of the Bidder.
- Technical Bid not including the covering letter as per Annexure 1.
- Technical Bid contains material inconsistencies in the information and documents submitted by the Bidder, affecting the Qualification Requirements.
- Information not submitted in formats specified in the RFP.
- The Bidder has not submitted a disclosure as per Annexure 13**.**
- Bidders delaying in submission of additional information or clarifications sought by the BPC.

3.8.2. Technical Bid found to be Non-responsive as per Clause **3.2,** due to any of the following conditions, shall be rejected.

- Technical Bid not received by the scheduled date and time.
- Technical Bid submitted by a Bidding Consortium not including the Consortium Agreement.
- Bidder submitting or participating in more than one response either as a Bidding Company or as a Member of Bidding Consortium.
- More than one Member of the Bidding Consortium or a Bidding Company using the credentials of the same Parent/Affiliate.
- Technical Bid having Conflict of Interest.
- If the Bidder makes any misrepresentation as specified in Clause **3.7.**

3.9. BPC reserves the right to interpret the Bid in accordance with the provisions of this RFP document and make its own judgment regarding the interpretation of the same. In this regard, BPC shall have no liability towards any Bidder and no Bidder shall have any recourse to BPC with respect to the qualification process.

BPC shall evaluate Bid using the process specified in Clause 3.1 to 3.6, at its sole discretion. BPC's decision in this regard shall be final and binding.

SECTION - 4

ANNEXURES FOR BID

SECTION – 4

I. Formats for Bid

The following formats are required to be included in the Bidder's Technical and Financial Bid. These formats are designed to demonstrate the Bidder's compliance with the Qualification Requirements set forth in Clause 2.1 of Section – 2.

Technical Bid

1. Format for the Covering Letter
2. Format for Letter of Consent from Consortium Members
3. Format for evidence of authorized signatory's authority (Power of Attorney)
4. Format for Power of Attorney from to be provided by each of the other Members of the Consortium in favor of the Lead Member
5. Format for Bidder's composition and ownership structure and Format for Authorization
6. Format for Consortium Agreement
7. Formats for Qualification Requirement
8. Format of Bidders Undertaking and details of Equity Investment
9. Authorization from Parent/Affiliate of Bidding Company/Member of Bidding Consortium whose technical/financial capability has been used by the Bidding Company/Member of Bidding Consortium.
10. Undertaking from the Technically / Financially Evaluated Entity(ies) or from Ultimate Parent Company for equity investment
11. Format of Board Resolutions
12. Format for Illustration of Affiliates
13. Format for Disclosure
14. Format for Bid Bond
15. Format for Contract Performance Guarantee
16. Checklist for Technical Bid submission requirements
22. Format for Affidavit

In addition to the online submission, the Bidder with lowest Final Offer will be required to submit original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14 before issuance of LoI.

Financial Bid

21. Format for Financial Bid

II. The following formats are for the information to the Bidders to enable them to submit their Bid.

11A. Illustration For Applicable Board Resolution Requirements Under Clause 2.5.2
17. List of Banks
18. GRID Map of the Project
19. Format for clarification/amendments on the RFP/RFP Project Documents
20. Formats for RFP Project Documents

Bidder may use additional sheets to submit the information for its detailed Bid.

ANNEXURE 1 - COVERING LETTER

(The covering letter should be on the Letter Head of the Bidding Company/ Lead Member of the Consortium)

Date: ……
From: ……
……
……
Tel. No.: ….....
Fax No.: .....
E-mail address: .....

To,

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001

Dear Sir,

Sub: **Bid for selection of Bidder as Transmission Service Provider to develop Intra-State Transmission Project i.e. "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.**

1. Being duly authorized to present and act on behalf of M/s ……. (insert name of Bidding Company / Bidding Consortium) (hereinafter called the "Bidder") and having read and examined in detail the Request for Proposal (RFP) document, the undersigned hereby submit our Technical Bid with duly signed formats and Financial Bid (Initial Offer) as stipulated in RFP document for your consideration.

2. It is confirmed that our Bid is consistent with all the requirements of submission as stated in the RFP document and subsequent clarifications/amendments as per Clause 2.3 and 2.4 of RFP.

3. The information submitted in our Bid is complete, is strictly as per the requirements stipulated in the RFP document and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our Bid.

4. We hereby agree and undertake to procure the products associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. dated 28.07.2020 for transmission sector, as amended vide order No. A-1/2021-FSC- Part(5) dated 16.11.2021 and No.: P45021/2/2017-PP (BE-II)-Part-4 Vol.II dated 19.07.2024 issued by Ministry of Power for transmission sector, as may be further as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard.

We hereby also agree and undertake to comply with Department of Expenditure, Ministry of Finance revised OM dated 23.02.2023 issued in suppression of Order (Public Procurement No 1) bearing File No. 6/18/2019-PPD dated 23.07.2020, Order (Public Procurement No 2) bearing File No. 6/18/2019-PPD dated 23.07.2020 and Order (Public Procurement No. 3) bearing File No. 6/18/2019-PPD, dated 24.07.2020, Office Memorandum (OM) No. F.18/37/2020-PPD dated 08.02.2021, OM No. F.12/1/2021-PPD(Pt.) dated 02.03.2021, OM No. F.7/10/2021-PPD dated 08.06.2021 and Order (Public Procurement No 4) bearing File No. F.7/10/2021-PPD dated 23.02.2023 as amended from time to time, regarding public procurement from a bidder of a country, which shares land border with India.

5. We hereby agree to comply with Ministry of Power order no. 25-11/6/2018 – PG dated 02.07.2020 as amended from time to time.

6. We are herewith submitting legally binding board resolution for the total equity requirement of the Project.

7. We hereby confirm that in accordance with Clause 2.1.4 of the RFP, we are herewith submitting legally binding undertaking supported by a board resolution from the ……..(Insert name of Technically Evaluated Entity and/or Financially Evaluated Entity or its Ultimate Parent Company, as the case may be) that all the equity investment obligations of …….. (Insert name of the Bidding Company) shall be deemed to be equity investment obligations of the …… (Insert name of Technically Evaluated Entity and/or Financially Evaluated Entity or its Ultimate Parent Company, as the case may be) and in the event of any default by……. (Insert name of the Bidding Company), the same shall be met by ……. (Insert name of Technically Evaluated Entity and/or Financially Evaluated Entity or its Ultimate Parent Company, as the case may be).

[Sl. No 7 to be inserted only in case the Bidder is a Bidding Company / Lead Member of a Consortium and has sought qualification on the basis of technical and financial capability of its Affiliate(s) and/or its Parent]

8. We confirm that there are no litigations or disputes against us, which materially affect our ability to fulfill our obligations with regard to the Project.

9. We hereby confirm that we shall continue to maintain compliance with Qualification Requirements till the execution of the Transmission Service Agreement. Further, in case we emerge as Selected Bidder for the Project, we shall continue to maintain compliance with Qualification Requirements till the COD of the Project.

10. We confirm that we have studied the provisions of relevant Indian laws and regulations required to enable us to build, own, operate and transfer the said Project and to prepare this Bid.

11. We hereby confirm that we shall abide unreservedly with BPC's decision in the qualification process for selection of Qualified Bidder and further warrant that under no circumstances we shall challenge either the BPC's decision or its right to make such decision at any time in the future.

12. We confirm that the Bid shall remain valid for a period of one eighty (180) days from the Bid Deadline.

13. The details of contact person are furnished as under:

Name: ……
Designation: ……
Name of the Company: ……
Address of the Bidder: ……
Phone Nos.: ……
Fax Nos.: ……
E-mail address: ……

14. Bid Bond

We have enclosed a Bid Bond of Rupees ……. Crores (Rs. …….) only or US$ ..... (……US Dollars), in the form of bank guarantee no……[Insert number of the Bank Guarantee] dated…….[Insert Date of the Bank Guarantee] as per your proforma (Annexure-14) from…….[Insert name of bank providing Bid Bond] and valid up to …….in terms of Clause 2.11 of the RFP

or

in the form of insurance surety bond no …….. [Insert number of the Insurance Surety Bond] dated …….. [Insert Date of the Insurance Surety Bond] as per your proforma (Annexure-14A) from ..... [Insert name of Insurance Company providing Insurance Surety bond] and valid up to …….. in terms of Clause 2.11 of the RFP or

in the form of Payment on Order Instrument no. …… [Insert number of the Instrument] dated …..... [Insert Date of the Instrument] as per your proforma (Annexure-14B) from ..... [Insert name of company issuing Payment on Order Instrument] and valid up to ..... in terms of Clause 2.11 of the RFP..

15. Acceptance

We hereby unconditionally and irrevocably agree and accept that the decision made by the BPC on any matter regarding or arising out of the RFP shall be binding on us. We hereby expressly waive any and all claims in respect of Bid process.

16. Familiarity With Relevant Indian Laws & Regulations

We confirm that we have studied the provisions of relevant Indian laws and regulations as required to enable us to submit this Bid and execute the RFP Project Documents (other than TSA), in the event of our selection as the TSP. We further undertake and agree that all such factors as mentioned in Clause 2.5.7 of RFP have been fully examined and considered while submitting the Bid.

It is confirmed that our Bid is consistent with all the requirements of submission as stated in the RFP and subsequent communications from BPC.

The information submitted in our Bid is complete, strictly as per the requirements stipulated in the RFP and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our Bid.

We confirm that we have not taken any deviation so as to be deemed non-responsive with respect to the provisions stipulated at Clause 2.5.1, of this RFP.

Thanking you,

Yours sincerely,

…….
(Name and Signature of the authorized signatory in whose name Power of Attorney/ Board Resolution as per Clause 2.5.2 is issued)

Name: ……
Designation: ……
Address: ……

Date: …….
Place: ……

Company Rubber Stamp

ANNEXURE 2 - LETTER OF CONSENT FROM CONSORTIUM MEMBERS

(On the letter head of each Member of the Consortium including Lead Member)

Date: ……
From: ……
……
……
Tel. No.: ……
Fax No.: ……
E-mail address: ……..

To,

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001

Dear Sir,

Sub: **Bid for selection of Bidder as Transmission Service Provider to develop Intra-State Transmission Project i.e. "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.**

We, the undersigned Member of …… (Insert name of the Bidding Consortium) have read, examined and understood the RFP document for the short-listing of Bidders as prospective TSP for "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"** through tariff based competitive bidding process. We hereby confirm our concurrence with the Bid including in particular the Consortium Agreement submitted by ……. (Insert name of the Lead Member) in response to the RFP document.

We hereby confirm our commitment to participate in the said Bidding Consortium and invest ……. % of the total equity requirement for the Project as per the terms of the Consortium Agreement dated …… and board resolution for such investment commitment is enclosed herewith.

We hereby confirm that in accordance with Clause 2.1.4 of the RFP, we are enclosing legally binding undertaking supported by a board resolution from the ……. (Insert name of Technically Evaluated Entity and / or Financially Evaluated Entity or its Ultimate Parent Company, as the case may be) that all the equity investment obligations of ……. (Insert name of the Member) shall be deemed to be equity investment obligations of the ……. (Insert name of Technically Evaluated Entity and / or Financially Evaluated Entity or its Ultimate Parent Company, as the case may be) and in the event of any default by……. (Insert name of the Member), the same shall be met by……. (Insert name of Technically Evaluated Entity and / or Financially Evaluated Entity or its Ultimate Parent Company, as the case may be). [Insert if applicable]

[To be inserted by the Lead Member only] We are also enclosing legally binding board resolution for the total equity requirement of the Project in case of any breach of any of the equity investment commitment by any of the Consortium Members, in line with the provisions of the Consortium Agreement dated ……. [Bidder to insert date of Consortium Agreement].

The details of contact person are furnished as under:

Name: …….
Designation: …….
Name of the Company: …….
Address: …….
Phone Nos.: …….
Fax Nos.: …….
E-mail address: …….

Dated the ……. day of ……. of 20…

Thanking you,

Yours faithfully,

……
(Signature)

Name: …….
Designation: …….

(Signature, Name, Designation of Authorized Signatory of Consortium Member and Company's Seal)

ANNEXURE 3 - FORMAT FOR EVIDENCE OF AUTHORIZED SIGNATORY'S AUTHORITY (POWER OF ATTORNEY)

POWER OF ATTORNEY

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution. Foreign companies submitting bids are required to follow the applicable law in their country)

Know all men by these presents, We …….(name and address of the registered office of the Bidder) do hereby constitute, appoint and authorize Mr./Ms……(name and residential address) who is presently employed with us and holding the position of ……. as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our Bid for selection of Bidder as Transmission Service Provider for "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"** through tariff based competitive bidding process in the country of India, including signing and submission of all documents related to the Bid, including, undertakings, letters, certificates, acceptances, clarifications, guarantees, etc., making representations to the BPC, and providing information / responses to the BPC, representing us in all matters before the BPC, and generally dealing with the BPC in all matters in connection with our Bid for the said Project till the completion of the bidding process in accordance with the RFP and signing of the Share Purchase Agreement by all the parties thereto.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

All the terms used herein but not defined shall have the meaning ascribed to such terms under the RFP.

For ……. [Insert name of the Bidder on whose behalf PoA is executed]

……..
(Signature)

Name: …….
Designation: …….

Accepted

……..……
(Signature of the Attorney)

Name: …….
Designation: ...……..
Address: .....
.....
(Name, Designation and Address of the Attorney)

Specimen signatures of attorney attested by the Executant

……
(Signature of the Executant)

……..
(Signature of Notary Public)

Place: ……
Date: ……

Notes:

1) To be executed by Bidding Company or the Lead Member, in the case of a Bidding Consortium, as the case maybe.

2) The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal of the executant affixed in accordance with the applicable procedure. Further, the person whose signatures are to be provided on the power of attorney shall be duly authorized by the executant(s) in this regard.

3) Also, wherever required, the executant(s) should submit for verification the extract of the charter documents and documents such as a Board resolution / power of attorney, in favour of the Person executing this power of attorney for delegation of power hereunder on behalf of the executant(s).

4) In case of foreign Bidders, refer to clause 2.5.6 (p)

ANNEXURE 4 - FORMAT FOR POWER OF ATTORNEY TO BE PROVIDED BY EACH OF THE OTHER MEMBERS OF THE CONSORTIUM IN FAVOUR OF THE LEAD MEMBER

POWER OF ATTORNEY

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution. Foreign companies submitting bids are required to follow the applicable law in their country)

KNOW ALL MEN BY THESE PRESENTS THAT M/s……., having its registered office at ……..……., …..,..…and M/s ……..…. having its registered office at …….. , (Insert names and registered offices of all Members of the Consortium), the Members of Consortium, have formed a Bidding Consortium named ……. (insert name of the Consortium) (hereinafter called the **"Consortium"**) vide Consortium Agreement dated…….…….. and having agreed to appoint M/s……..… as the Lead Member of the said Consortium do hereby constitute, nominate and appoint M/s…….……..a company incorporated under the laws of …….……and having its Registered / Head Office at ……..…….as our duly constituted lawful Attorney (hereinafter called as **"Lead Member"**) which is one of the Members of the Consortium, to act as the Lead Member and our true and lawful attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to submission of Consortium's Bid for the Project, including signing and submission of the Bid and all documents related to the Bid, including, undertakings, letters, certificates, acceptances, clarifications, guarantees, etc, making representations to the BPC, and providing information / responses to the BPC, representing us and the Consortium in all matters before the BPC, and generally dealing with the BPC in all matters in connection with our Bid for the said Project, till completion of the bidding process in accordance with the RFP and signing of the Share Purchase Agreement by all the parties thereto.

It is expressly understood that in the event of the Consortium being selected as Successful Bidder, this Power of Attorney shall remain valid, binding and irrevocable until the Bidding Consortium achieves execution of all RFP Project Documents.

We, as the Member of the Consortium, agree and undertake to ratify and confirm all whatsoever the said Attorney/Lead Member has done on behalf of the Consortium Members pursuant to this Power of Attorney and the same shall bind us and deemed to have been done by us.

All the terms used herein but not defined shall have the meaning ascribed to such terms under the RFP.

IN WITNESS WHEREOF M/s ……..……., as the Member of the Consortium have executed these presents on this…….. day of .....

For and on behalf of
Consortium Member

…….

(Signature of the Authorized Signatory)

Name: ……
Designation: ..……....
Place: ……
Date: ……..

Name: ……
Designation: ..……....
Place: ……
Date: ……..

Accepted
Specimen signatures of attorney attested

…….
(Signature)

……

……

(Signature of Notary Public)
……

(Name, Designation and Address of the Attorney)

Place: ……
Date: …….

Notes:

1. The mode of execution of the power of attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal of the executant affixed in accordance with the applicable procedure. Further, the person whose signatures are to be provided on the power of attorney shall be duly authorized by the executant(s) in this regard.

2. Also, wherever required, the executant(s) should submit for verification the extract of the charter documents and documents such as a Board resolution / power of attorney, in favour of the Person executing this power of attorney for delegation of power hereunder on behalf of the executant(s).

3. In case of foreign Bidders, refer to clause 2.5.6 (p)

ANNEXURE 5 - FORMAT FOR BIDDER'S COMPOSITION AND OWNERSHIP STRUCTURE

1. Corporate Details:

Please provide the following information for the Bidder. If the Bidder is a Consortium, please provide this information for each Member including the Lead Member:

a. Company's Name, Address, and Nationality:

Name: ……

Address: ……
……
……

Website Address: ……..

Country of Origin: ……

b. Year Organized: ……..

c. Company's Business Activities: …….
.....

d. Status as a Bidder:

i. Bidding Company
ii. Lead Member of the Bidding Consortium
iii. Member of the Bidding Consortium

Note: tick the applicable serial number

e. Company's Local Address in India (if applicable):

…….
…….
…….

f. Name of the Authorized Signatory: .....

g. Telephone Number: …….

h. Email Address: …….

i. Telefax Number: …….

j. Please provide the following documents:

i. Copy of the Memorandum and Articles of Association and certificate of incorporation or other equivalent organizational document (as applicable), including their amendments, certified by the Company Secretary as

Attachment 1 for Bidding Company / each Member of Bidding Consortium including Lead Member.

ii. Authority letter (as per format for authorization given below) in favour of BPC from the Bidder/every Member of the Consortium authorizing BPC to seek reference from their respective bankers & others as **Attachment 2** as per Clause 2.1.6 of the RFP.

2. Details of Ownership Structure:

Equity holding of Bidding Company/ each Member of Bidding Consortium including Lead Member owning 10% or more of total paid up equity.

Name of the Bidding Company / Consortium Member: …….
Status of equity holding as on ……

	Name of the Equity Holder	Type and No. of Shares owned	Extent of Voting Control (%)
1.	.....		
2.	.....		
3.	.....		
4.	.....		
5.	.....		
6.	.....		
7.	.....		
8.	.....		
....	.....		

Notes:

1. The above table is to be filled in separately for each Consortium Member.
2. Status of equity holding should be provided not earlier than thirty (30) days prior to Bid Deadline.

For and on behalf of Bidding Company / Lead Member of the Bidding Consortium
M/s…….

……..
(Signature of authorized representative)
Name: ……..
Designation: ……

……..
(Stamp)

Date: ……
Place: ……

FORMAT FOR AUTHORISATION

(In case of Bidding Consortium, to be given separately by each Member)
(On Non – judicial stamp paper duly attested by notary public. Foreign companies submitting bids are required to follow the applicable law in their country)

The undersigned hereby authorize(s) and request(s) all our Bankers, including its subsidiaries and branches, any person, firm, corporation or authority to furnish pertinent information deemed necessary and requested by **_____[Name of BPC]** to verify our Bid for selection of Bidder as Transmission Service Provider for "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"** through tariff based competitive bidding process or regarding our project development experience, financial standing and general reputation.

For and on behalf of M/s……. (Insert Name of Bidding Company or Member of the Consortium)

.....
(Signature)

Name of Authorized Signatory: …….

(Signature and Name of the authorized signatory of the Company)

Place: ……
Date: ……

……..
(Company rubber stamp/seal)

…….
(Signature of Notary Public)

Place: ……
Date: ……

ANNEXURE 6 - FORMAT FOR CONSORTIUM AGREEMENT

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution. Foreign companies submitting bids are required to follow the applicable law in their country)

THIS CONSORTIUM AGREEMENT executed on this..... day of .....Two thousand.....between M/s....., a company incorporated under the laws of ..... and having its Registered Office at ..... (hereinafter called the "Party 1", which expression shall include its successors, executors and permitted assigns) and M/s.....a Company incorporated under the laws of ..... and having its Registered Office at ..... (hereinafter called the "Party n", which expression shall include its successors, executors and permitted assigns) and for the purpose of submitting the Bid, acquisition of **{Name of the SPV Company or "Project specific SPV to be incorporated by the BPC"}**(in case of award) and entering into other Agreement(s) as specified in the RFP (hereinafter referred to as "Agreements") as may be entered into with the **Maharashtra State Transmission Utility (STU)**

WHEREAS, the BPC had invited Bid in response to RFP issued to …… (insert the name of purchaser of RFP) for selection of the bidder as the Transmission Service Provider to establish Intra-State Transmission System for **"Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"**.

AND WHEREAS, Clause 2.2.4 of the RFP document stipulates that the Bidders qualifying on the strength of a Bidding Consortium will have to submit a legally enforceable Consortium Agreement in a format specified in the RFP document wherein the Consortium Members have to commit equity of a specific percentage in the Project.

AND WHEREAS, Clause 2.2.4 of the RFP document also stipulates that the Bidding Consortium shall provide along with the Bid, a Consortium Agreement as per prescribed format whereby the Consortium Members undertake to be liable for raising the required funds for its respective equity investment commitment as specified in Consortium Agreement.

NOW THEREFORE, THIS INDENTURE WITNESSTH AS UNDER:

In consideration of the above premises and agreement all the parties in this Consortium do hereby mutually agree as follows:

1. In consideration of the selection of the Consortium as the selected bidder by the BPC, we the Members of the Consortium and parties to the Consortium Agreement do hereby unequivocally agree that M/s..... (Insert name of the Lead Member), shall act as the Lead Member as defined in the RFP for self and agent for and on behalf of ……., ..., ..., ... (the names of all the other Members of the Consortium to be filled in here).

2. The Lead Member is hereby authorized by the Members of Consortium and parties to the Consortium Agreement to bind the Consortium and receive instructions for and on behalf of the Members.

3. Notwithstanding anything contrary contained in this Consortium Agreement, the Lead Member shall always be liable for the equity investment obligations of all the Consortium Members, i.e., for both its own equity contribution as well as the equity contribution of other Members.

4. The Lead Member shall be liable and responsible for ensuring the individual and collective commitment of each of the Members of the Consortium in discharging all their respective equity obligations. Each Consortium Member further undertakes to be individually liable for the performance of its part of the obligations without in any way limiting the scope of collective liability envisaged in this agreement.

5. Subject to the terms of this agreement, the share of each Member of the Consortium in the "issued equity share capital of the project company" shall be in the following proportion: (if applicable)

Name	Percentage of equity holding in the Project
Party 1	……..
……..	……..
Party n	……..
Total	**100%**

[**Note:** The percentage equity holding for any Consortium Member in the Project cannot be zero in the above table]

6. The Lead Member shall inter alia undertake full responsibility for liaising with lenders and mobilizing debt resources for the Project and achieving financial closure.

7. In case of any breach of any of the equity investment commitment by any of the Consortium Members, the Lead Member shall be liable for the consequences thereof.

8. Except as specified in the Agreement, it is agreed that sharing of responsibilities as aforesaid and equity investment obligations thereto shall not in any way be a limitation of responsibility of the Lead Member under these presents.

9. It is further specifically agreed that the financial liability for equity contribution of Lead Member shall, not be limited in any way so as to restrict or limit its liabilities. The Lead Member shall be liable irrespective of their scope of work or financial commitments.

10. It is expressly understood and agreed between the Members that the responsibilities and obligations of each of the Members shall be as delineated as annexed hereto as **Appendix-I,** forming integral part of this Agreement. It is further agreed by the Members that the above sharing of responsibilities and obligations shall not in any way be a limitation of joint and several responsibilities and liabilities of the Members, with regards to all matters relating to the Project.

11. It is clearly agreed that the Lead Member shall ensure performance under the Agreements and if one or more Consortium Members fail to perform its /their respective obligations

under the Agreement(s), the same shall be deemed to be a default by all the Consortium Members.

12. This Consortium Agreement shall be construed and interpreted in accordance with the Laws of India and courts at Delhi alone shall have the exclusive jurisdiction in all matters relating thereto and arising there under.

13. It is hereby agreed that, the Lead Member shall furnish the bid bond, as stipulated in the RFP, on behalf of the Consortium Members.

14. It is hereby agreed that in case of selection of Bidding Consortium as the selected bidder, the parties to this Consortium Agreement do hereby agree that they shall furnish the contract performance guarantee on behalf of the TSP in favor of the Maharashtra State Transmission Utility (STU), as stipulated in the RFP and Transmission Service Agreement.

15. It is further expressly agreed that the Consortium Agreement shall be irrevocable and shall form an integral part of the RFP Project Document and shall remain valid till the execution of the Share Purchase Agreement, unless expressly agreed to the contrary by the Maharashtra State Transmission Utility (STU). Over the term of the Transmission Service Agreement, the provisions of TSA and MERC Regulations as amended from time to time shall apply on the Consortium Members.

16. The Lead Member is authorized and shall be fully responsible for the accuracy and veracity of the representations and information submitted by the Consortium Members respectively from time to time in response to the RFP and for the purposes of the Project.

17. It is hereby expressly agreed between the parties to this Consortium Agreement that neither party shall assign or delegate its rights, duties or obligations under this Agreement except with the prior written consent of the Maharashtra State Transmission Utility (STU).

THIS CONSORTIUM AGREEMENT:

a. has been duly executed and delivered on behalf of each party hereto and constitutes the legal, valid, binding and enforceable obligation of each such party,

b. sets forth the entire understanding of the parties hereto with respect to the subject matter hereof;

c. may not be amended or modified except in writing signed by each of the parties and with prior written consent of the Maharashtra State Transmission Utility (STU).

IN WITNESS WHEREOF, the parties to the Consortium Agreement have, through their authorized representatives, executed these present on the Day, Month and Year first mentioned above.

For and on behalf of Consortium Member 1 (Party 1)
M/s…….

.....
(Signature of authorized signatory)

Name: …….
Designation: .....…….
Place: ……..
Date: ……

For and on behalf of Consortium Member n (Party n)
M/s…….

.....
(Signature of authorized signatory)

Name: ……
Designation: .....……...
Place: …….
Date: ……...

Attested:
……..
(Signature)
(Notary Public)

Place: …….
Date: …….

Note: In case of foreign Bidders, refer to clause 2.5.6 (p)

ANNEXURE 7 A - FORMAT FOR QUALIFICATION REQUIREMENT

A. NET WORTH

To,
Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001

Dear Sir,

Sub: Bid for selection of Bidder as Transmission Service Provider to develop Intra-State Transmission Project i.e. "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process

1. [Note: Applicable in case of Bidding Company]

We certify that the Financially Evaluated Entity(ies) had a Networth of Rs. …… Crore or equivalent USD* computed as per instructions in this RFP based on unconsolidated audited annual accounts (refer Note-2 below) of any of the last three (3) financial years as provided in Clause 2.2.3, immediately preceding the Bid Deadline. Also, the Networth of any of the last three (3) financial years is not negative.

Name of Financially Evaluated Entity(ies)	Relationship with Bidding Company**	Financial Year	Networth (Rs. Crore)
1. ……..			
2. ……..			
3. ……..			
….			
Total Networth			

*Equivalent USD shall be calculated as per provisions of Clause 3.4.1.
** The column for "Relationship with Bidding Company" is to be filled in only in case financial capability of Parent/Affiliate has been used for meeting Qualification Requirements.

2. [Note: Applicable in case of Bidding Consortium]

We certify that the Financially Evaluated Entity(ies) had a minimum Networth of Rs. …….. Crore or equivalent USD* computed as per instructions in the RFP and based on unconsolidated audited annual accounts (refer Note-2 below) of any of the last three (3) financial years as provided in Clause 2.2.3, immediately preceding the Bid Deadline. Also, the Networth of any of the last three (3) financial years is not negative.

Name of Consortium Member	Equity Commitment in the Project (%)	Networth of Member (Rs. Crore)	Networth Requirement to be met by Member in proportion to the Equity Commitment (Rs. Crore)	Whether the Member meets the Networth Requirement
(1)	(2)	(3) (As per table below)	(4)= (2 x Total Networth requirement for the Project)	(5)
1. ……				Yes / No
2. ……				Yes / No
..				Yes / No
Total Networth for financial requirement				

Member – I (Lead Member)

[Note: Similar particulars for each Member of the Consortium is to be furnished, duly certified by the Member's Statutory Auditors]

i. Name of Member: .....

ii. Total Networth requirement: Rs …… Crore

iii. Percentage of equity commitment for the Project by the Member: ……%

iv. Networth requirement for the Member***: Rs. ……. Crore

v. Financial year considered for the Member: …….

Name of Financially Evaluated Entity(ies)	Relationship** with Member of Consortium	Financial Year	Networth (Rs. Crore)
1. …….			
2. …….			
3. …….			
Total Networth			

* Equivalent USD shall be calculated as per provisions of Clause 3.4.1;

** The column for "Relationship with Member of Consortium" is to be filled in only in case the financial capability of Parent / Affiliate has been used for meeting Qualification Requirements;

*** Networth requirement to be met by Member should be in proportion to the equity commitment of the Member for the Project.

Yours faithfully

……
(Signature and name of the authorized signatory of the Company and Stamp)

Name: …….
Date: …….
Place: …….

……
(Signature and Stamp of statutory Auditors of Bidding Company / each Member of Consortium)

Name: …….
Date: …….
Place: …….

Date: …….

Notes:

1. Along with the above format, in a separate sheet, please provide details of computation of Networth of last three (3) financial years duly certified by Statutory Auditor.

2. Audited consolidated annual accounts of the Bidder may be used for the purpose of financial criteria provided the Bidder has at least 26% equity in each company whose accounts are merged in the audited consolidated accounts and provided further that the financial capability of such companies (of which accounts are being merged in the consolidated accounts) shall not be considered again for the purpose of evaluation of the Bid.

3. In case Bidder or a Member of Consortium takes recourse to its Parent/Affiliate for meeting technical / financial requirements, then the financial years considered for such purpose should be same for the Bidder / Member of Consortium and their respective Parent / Affiliate.

ANNEXURE 7B - FORMAT FOR TECHNICAL REQUIREMENT

To,

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001

Dear Sir,

Sub: Bid for selection of Bidder as Transmission Service Provider to develop Intra-State Transmission Project i.e. "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process

1. To be used by Bidder using the development experience in infrastructure sector

We certify that M/s. …….. (Insert name of Technically Evaluated Entity(ies)) have experience of development of projects in the Infrastructure sector in the last five (5) years whose aggregate capital expenditure is Rs. ……. Crore or equivalent USD*. We further certify that the capital expenditure of any single project considered for meeting the technical Qualification Requirement is not less than Rs. …… Crore or equivalent USD*. For this purpose, capital expenditure incurred on projects which have been either wholly completed / commissioned or partly completed projects put under commercial operation and for which operation has commenced till at least seven (7) days prior to the Bid Deadline has been considered.

The project(s) considered for the purpose of technical experience (as per table given below) have been executed and owned to the extent as indicated in the table below (to be atleast twenty – six percent (26%)) by the Bidding Company / Lead Member of the Consortium / our Parent / our Affiliate(s) [strike off whichever is not applicable] on operation of the projects.

This technical requirement has been calculated as per the instructions provided in the RFP on the basis of following projects:

Name of Company (which has executed the project at (3)) whose technical capability has been used for Qualification Requirement	Relationship** with Bidding Company / Lead Member	Project name	Nature of Project (BOOT, BOT, BOOM, DBFOT etc.)	Relevant Infrastructure sector	Date of Financial Closure of the Project (in DD / MM / YYYY)	Date of Completion / Commissioning / Commercial Operation of partly completed projects	Project cost (Rs. Crore)	Percentage Equity Holding of Company at (1) in Completed project(s)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
……		……. (Project 1)						
……		…….						

Name of Company (which has executed the project at (3)) whose technical capability has been used for Qualification Requirement	Relationship** with Bidding Company / Lead Member	Project name	Nature of Project (BOOT, BOT, BOOM, DBFOT etc.)	Relevant Infrastructure sector	Date of Financial Closure of the Project (in DD / MM / YYYY)	Date of Completion / Commissioning / Commercial Operation of partly completed projects	Project cost (Rs. Crore)	Percentage Equity Holding of Company at (1) in Completed project(s)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Total (Rs. Crore)								

* Equivalent USD shall be calculated as per provisions of Clause ____

** The column for "Relationship with Bidding Company / Lead Member" is to be filled in only in case technical capability of Parent/Affiliate has been used for meeting Qualification Requirements.

We further certify that the Company(ies) as indicated in column (1) of the above table, whose technical capability has / have been used for meeting the qualification requirement, has / have held shareholding respectively of atleast twenty – six percent (26%)from the date of financial closure till the date of commissioning / completion of the above project(s).

2. To be used by Bidder using construction experience in infrastructure sector.

We certify that M/s. …….. (Insert name of Technically Evaluated Entity(ies)) have received aggregate payments not less than Rs. ……. Crore or equivalent USD (calculated as per provisions in Clause 3.4.1) from its client(s) for construction works fully completed during the last 5(five) financial years. We further certify that the payment received from each project shall not be less than Rs. ……. Crore or equivalent USD (calculated as per provisions in Clause 3.4.1). For this purpose, payments received on projects that have been commissioned/completed at least seven (7) days prior to the Bid Deadline shall be considered. Further only the payments (gross) actually received, during such 5 (five) financial years shall qualify for purposes of computing the technical capacity.

We also confirm that construction works does not include cost of land supply of goods or equipment except when such goods or equipment form part of a turn-key construction contract/ EPC contract for the project.

This technical requirement has been calculated as per the instructions provided in the RFP on the basis of following projects:

Name of Company (which has executed the project at (3)) whose technical capability has been used for	Relationship** with Bidding Company / Lead Member	Project name	Nature of Project (EPC, Turnkey etc)	Relevant Infrastructure sector	Date of award of contract (in dd/mm/yy)	Date of Completion / Commissioning	Payment received (Rs. Crore)

Qualification Requirement							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
……		……. Project 1					
……		…….					
……		…….					
	Total (Rs. Crore)						

Yours faithfully

……..
(Signature and name of the authorized signatory of the Company and stamp)

Name: ……..
Date: ……..
Place: ……..

……
(Signature and Stamp of statutory Auditors of Bidding Company/ Lead Member of Consortium)
Name: ……..
Date: ……..
Place: ……..

Date: …….

Notes:

1. Along with the above format, in a separate sheet, please provide details of computation of capital expenditure of projects duly certified by Statutory Auditor of the project company. In addition, the Statutory Auditor of the project company should also certify that the capital expenditure of projects commissioned or completed 7 days prior to Bid Deadline has been capitalized in the books of accounts.

   Additionally, in case construction experience is used, a certificate(s) from the statutory auditors stating the payments received and the concerned client(s) stating the works commissioned during the past 5 years in respect of the projects specified above. In case a particular job/ contract has been jointly executed by the Bidder (as part of a consortium), it should further support its claim for the share in work done for that particular job/ contract by producing a certificate from its statutory auditor or the client.

2. In case the accounts for the financial year in which the project claimed for meeting qualification requirement has been commissioned are not audited, the Bidder shall give declaration in this regard duly certified by its statutory auditor. In such a case,

Bidder shall provide details of computation of capital expenditure of such project(s) duly certified by Statutory Auditor of the project company and the Statutory Auditor of the project company should also certify that the capital expenditure of projects commissioned or completed shall be capitalized in the books of accounts upon finalization.

3. The unconsolidated audited annual accounts of both the TEE and the Bidding Company / Lead Member for the respective financial years (financial years in which financial closure was achieved to the financial year in which the said project was completed / commissioned) should be submitted.

ANNEXURE 7C - FORMAT FOR TECHNICAL & FINANCIAL REQUIREMENT – RELATIONSHIP & DETAILS OF EQUITY SHAREHOLDING

[To be filled by Bidding Company / each Member of the Bidding Consortium including Lead Member if credentials of Parent and / or Affiliates have been used by them]

To,

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001

Dear Sir,

Sub: Bid for selection of Bidder as Transmission Service Provider to establish Intra-State Transmission Project i.e. "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process

We certify that M/s. ……. (insert name of the **Bidding Company / Consortium Members**) have considered the technical and financial capability of its Parent and / or Affiliates, for the purpose of meeting Qualification Requirements as per the instructions provided in the RFP. The name of Parent and / or Affiliate, nature of relationship(s) with such Parent and / or Affiliate and details of equity holding are as follows:

Name of Company whose credentials considered	Type of credentials considered (technical and / or financial)	Relationship with Bidding Company / Consortium Member (Parent / Affiliate)	Details of equity shareholding (refer notes below)
Company 1			
…….			
…….			
…….			
……..			

NOTES:

i. In case of Parent, the equity holding of the Parent in the Bidding Company / Member of the Bidding Consortium, including the Lead Member of the Consortium, need to be specified.

ii. In case of Affiliate under direct control of Bidder, the equity holding of the Bidding Company / Member of the Bidding Consortium, including the Lead Member of the Consortium in the Affiliate, needs to be specified.

iii. In case of Affiliate under common control of Parent, the equity holding of the Parent in the Affiliate of the Bidding Company / Member of the Bidding Consortium, including the Lead Member of the Consortium, needs to be specified.
iv. Relationship of Parent / Affiliate with Bidding Company / Member of Consortium to be at the most seven (7) days prior to the Bid Deadline (as per Clause 2.1.4 of RFP)

Yours faithfully

……
(Signature and name of the authorized signatory of the Company and stamp)

Name: ……
Date: ……
Place: ……

……
(Signature and Stamp of statutory Auditors of Bidding Company / each Member of Bidding Consortium)

Name: ……..
Date: ……..
Place: ……..
Date: ……..

ANNEXURE 7D - ADDITIONAL INFORMATION FOR VERIFICATION OF FINANCIAL AND TECHNICAL CAPABILITIES OF BIDDERS.

……..…….
(Name of Bidder (Bidding Company/ Bidding Consortium or Technically/Financially Evaluated Entity(ies))

(Note: In case of Consortium, details to be filled in by Lead Member for each Member of the Consortium including the Lead Member and in case of the qualification requirements of Technically / Financially Evaluated Entity(ies) being used, to be filled by each of such entity(ies)

i. Financial capability (Attachment 1):

1. Bidders shall attach unconsolidated / consolidated audited annual accounts, statements, as the case may be, (refer Clause 2.1.3) for the last three (3) financial years as Attachment 1. Such unconsolidated audited annual accounts shall include a Balance Sheet, Profit and Loss Account, Auditors Report and profit appropriation account.

ii. Technical capability (Attachment 2):

a. This attachment shall include details of projects completed/commissioned or partly completed projects for which commercial operation has commenced to be considered for the purpose of meeting Qualification Requirements.

1. To be used by Bidder using development experience in infrastructure sector

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
Name(s) of project(s) from Infrastructure sectors					
Location(s) including country(s) where project was set up					
Nature of Project					
Voltage level (if any)					
Capital cost of project(s) Rs. in Crore					
*Status of the project					
% of equity owned in the project(s)					

***Note 1:** Date of completion/commissioning/commercial operation to be mentioned

Note 2: For each project listed in the table, the Bidder shall furnish an executive summary including the following information:

- Project model, i.e., BOO, BOOT, BOOM;

- Debt financing and equity raised and provided by Bidder/Bidder's Parent/Bidder's Affiliate for the project, including names of lenders and investors;
- Size and type of installation;
- Technical data/information on major equipment installed
- Description of role performed by the Bidder/Bidder's Parent/Bidder's Affiliate on the project
- Clearances taken by the Bidder/Bidder's Parent/Bidder's Affiliate including but limited to right-of-way (RoW), forest clearance and other statutory / Govt. clearances.
- Cost data (breakdown of major components)
- Name of EPC and/or other major contractor
- Construction time for the project
- Names, addresses and contact numbers of owners of the projects
- Operating reliability over the past five (5) years or since date of commercial operation
- Operating environmental compliance history
- Names of supervisory entities or consultant, if any
- Date of commercial operation
- Total duration of operation

2. To be used by Bidder using construction experience in infrastructure sector

Particulars	Year 1	Year 2	Year 3	Year 4	Year 5
Name(s) of project(s) from Infrastructure sectors					
Location(s) including country(s) where project was set up					
Nature of Project					
Voltage level (if any)					
Revenue received Rs. in Crore					
*Status of the project					
% of equity owned in the project(s)					

***Note 1:** Date of completion/commissioning/commercial operation to be mentioned

Note 2: For each project listed in the table, the Bidder shall furnish an executive summary including the following information:

- Project model, i.e., EPC, Turnkey;
- Size and type of installation;
- Technical data/information on major equipment installed
- Description of role performed by the Bidder/Bidder's Parent/Bidder's Affiliate on the project
- Cost data (breakdown of major components)
- Name of sub-contractor
- Construction time for the project
- Names, addresses and contact numbers of owners of the projects

- Operating reliability over the past five (5) years or since date of commercial operation
- Operating environmental compliance history
- Names of supervisory entities or consultant, if any
- Date of commercial operation
- Total duration of operation

iii. Attachment-3:

a. For each project listed in Attachment 2 above, certificates of final acceptance and/or certificates of good operating performance duly issued by owners for the project and the same shall be certified as true by authorized signatory of the Bidding Company or the Lead Member of Consortium). In case the project listed in Attachment 2 is under BOOT / DBFOT mechanism, the certificates of final acceptance and/or certificates of good operating performance must be issued by the authority / independent engineer of the project as defined in the respective project agreement.

For and on behalf of Bidding Company/Consortium

M/s…….

…….
(Signature of authorized signatory)

Name: ……
Designation: ……
Date: ……
Place: ……

ANNEXURE 8 -UNDERTAKING AND DETAILS OF EQUITY INVESTMENT

Format 1: Bidders' Undertakings

[On the Letter Head of the Bidding Company/Lead Member of Bidding Consortium]

Date: .....

To,

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001

Dear Sir,

Sub: Bidders' Undertakings in respect of Bid for selection of Bidder as TSP to develop Intra-State Transmission Project i.e. "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)".

We hereby undertake on our own behalf and on behalf of the TSP, that if selected as the Successful Bidder for the Project:

1. The Project shall comply with all the relevant electricity laws, codes, regulations, standards and Prudent Utility Practices, environment laws and relevant technical, operational and safety standards, and we shall execute any agreements that may be required to be executed as per law in this regard.

2. We confirm that the Project shall also comply with the standards and codes as per Clause 1.6.1.2 of the RFP and the TSP shall also comply with the provisions contained in the MERC (Transmission Open Access) Regulations, 2016 and as amended from time to time.

3. We give our unconditional acceptance to the RFP dated 16.12.2025 issued by the BPC and the RFP Project Documents, as amended, and undertake to ensure that the TSP shall execute all the RFP Project Documents, as per the provisions of this RFP.

4. We have submitted the Bid on the terms and conditions contained in the RFP and the RFP Project Documents. Further, the Financial Bid submitted by us is strictly as per the format provided in Annexure 21 of the RFP, without mentioning any deviations, conditions, assumptions or notes in the said Annexure.

5. Our Bid is valid up to the period required under Clause 2.8 of the RFP.

6. Our Bid has been duly signed by authorized signatory and stamped in the manner and to the extent indicated in this RFP and the power of attorney / Board resolution in requisite format as per RFP has been enclosed with this undertaking.

7. We have assumed that if we are selected as the Successful Bidder, the provisions of the Consortium Agreement, to the extent and only in relation to equity lock in and our liability thereof shall get modified to give effect to the provisions of Clause 2.5.8 of this RFP and Article 18.1 of the Transmission Service Agreement. ***(Note:*** *This is applicable only in case of a Bidding Consortium)*

8. We confirm that our Bid meets the Scheduled COD of each transmission Element and the Project as specified below:

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler-1 No. • 132 kV Bus Coupler-1 No. • 132 kV Transfer Bus Coupler- 1 set	24 months from Effective Date	100%	All Elements are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
	Future Space Provisions: • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.			
2.	LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)			
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.			
4.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) • 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.			
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.			
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.			
Note-				

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations. *In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.*				

We agree that the payment of Transmission Charges for any Element irrespective of its successful commissioning on or before its Scheduled COD shall only be considered after the successful commissioning of Element(s) which are pre - required for declaring the commercial operation of such Element as mentioned in the above table.

Scheduled COD for the Project: 24 Months from Effective Date

9. We confirm that our Financial Bid conforms to all the conditions mentioned in this RFP, and in particular, we confirm that:
   a. Financial Bid in the prescribed format of Annexure 21 has been submitted duly signed by the authorized signatory.
   b. Financial Bid is unconditional.
   c. Only one Financial Bid has been submitted.

10. We have neither made any statement nor provided any information in this Bid, which to the best of our knowledge is materially inaccurate or misleading. Further, all the confirmations, declarations and representations made in our Bid are true and accurate. In case this is found to be incorrect after our acquisition of Sakoli Power Transmission Limited, pursuant to our selection as Selected Bidder, we agree that the same would be treated as a TSP's Event of Default under Transmission Service Agreement, and relevant provisions of Transmission Service Agreement shall apply.

11. We confirm that there are no litigations or other disputes against us which materially affect our ability to fulfill our obligations with regard to the Project as per the terms of RFP Project Documents.

12. Power of attorney/ Board resolution as per Clause 2.5.2 is enclosed.

Signature and name of the authorized signatory of the Company and stamp of Bidding Company or Lead member of Consortium

Note:

1. In case of foreign Bidders, refer to clause 2.5.6 (p)

Format 2: Details of equity investment in Project

1.1.a Name of the Bidding Company/ Bidding Consortium:

1.1.b Name of the Lead Member in the case of a Bidding Consortium:

1.2 Investment details of the Bidding Company/Member of the Bidding Consortium investing in Sakoli Power Transmission Limited as per Clause 2.5.8.2.

S. No.	Name of the Bidding Company/ Member in case of a Bidding Consortium	Name of the Company investing in the equity of the _____[Name of SPV]	Relationship with Bidding Company /Member of the Bidding Consortium	% of equity participation in the _____[Name of SPV]
(1)	(2)	(3)	(4)	(5)
TOTAL				100%

* In case the Bidder proposes to invest through its Affiliate(s) / Parent Company / Ultimate Parent Company, the Bidder shall declare shareholding pattern of such Affiliate(s) / Parent Company / Ultimate Parent Company and provide documentary evidence to demonstrate relationship between the Bidder and the Affiliate(s) / Parent Company / Ultimate Parent Company. These documentary evidences could be, but not limited to, demat account statement(s) / Registrar of Companies' (ROC) certification / share registry book, etc duly certified by Company Secretary.

Members of the Consortium or the Bidding Company making investment in the equity of the Sakoli Power Transmission Limited themselves to fill in their own names in the column (3)

Signature and Name of authorized signatory in whose name power of attorney has been issued

Signature of authorized signatory

Name: …….

Designation: ……...

Date…….

Company rubber stamp

ANNEXURE 9 -AUTHORISATION FROM PARENT / AFFILIATE OF BIDDING COMPANY / MEMBER OF BIDDING CONSORTIUM WHOSE TECHNICAL / FINANCIAL CAPABILITY HAS BEEN USED BY THE BIDDING COMPANY / MEMBER OF BIDDING CONSORTIUM.

[On the Letter Head of the Parent /Affiliate]

Name: …….
Full Address: …….
Telephone No.: ……...
E-mail address: ……...
Fax / No.: ……

To

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001

Dear Sir,

Sub: Authorization for use of Technical / Financial Capability of M/s……. (Insert name of Parent / Affiliate) by M/s …….. (Insert name of Bidding Company / Member of Bidding Consortium).

We refer to the RFP dated 16.12.2025 ('RFP') issued by you for selection of Bidder as Transmission Service Provider for "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)**".

We confirm that M/s. ……. (Insert name of Bidding Company/ Consortium Member) has been authorized by us to use our technical and/or financial capability [strikeout whichever is not applicable] for meeting the Qualification Requirements for "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"**.

We have carefully read and examined in detail the RFP including in particular, Clause 2.1.4 of the RFP, and we are also submitting legally binding undertaking supported by a board resolution that all the equity investment obligations of M/s……. (Insert Name of Bidding Company / Consortium Member), shall be deemed to be our equity investment obligations and in the event of any default the same shall be met by us.
For and on behalf of M/s……. (Insert Name of Parent / Affiliate)

……
(Signature and Name of the authorized signatory of the Company and stamp)

Name: …….

Date: …….
Place: …….

Notes:

1. The above undertaking can be furnished by Ultimate Parent of Technically Evaluated Entity or Financially Evaluated Entity, as the case maybe, if legally binding undertaking is also furnished by the Ultimate Parent on behalf of such Financially Evaluated Entity/Technically Evaluated Entity.

ANNEXURE 10- FORMAT OF UNDERTAKING BY TECHNICALLY / FINANCIALLY EVALUATED ENTITY / ULTIMATE PARENT COMPANY

[On the Letter Head of the Technically / Financially Evaluated Entity / Ultimate Parent Company]

Name: …….

Full Address: ……

Telephone No.: ……

E-mail address: ……

Fax/No.: ……..

To:

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001

Sub: **Undertaking for equity investment**

Dear Sir,

We refer to the Request for Proposal dated 16.12.2025 ('RFP') issued by you regarding setting up of Intra-State transmission Project i.e. "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)**" Project on build, own, operate and transfer basis.

We have carefully read and examined in detail the RFP and the RFP Project Documents, including in particular, Clause 2.1.4 of the RFP and Clauses 2.5.2 and 2.5.8 of the RFP, regarding submission of an undertaking regarding the investment in the equity share capital of Sakoli Power Transmission Limited and provisions for minimum equity holding and equity lock-in. We have also noted the amount of the equity investment required to be made in Sakoli Power Transmission Limited by the ……. [Insert the name of the Bidder or the Consortium Member] for the Project.

In view of the above, we hereby undertake to you and confirm that in the event of failure of ……[Insert the name of the Bidder or the Consortium Member] to invest in full or in part, in the equity share capital of Sakoli Power Transmission Limited as specified in the Bid, we shall invest the said amount not invested by……..[Insert the name of the Bidder or the Consortium Member] in Sakoli Power Transmission Limited by purchase of existing shares or subscribing to the new shares of Sakoli Power Transmission Limited, as stipulated by you.

We have attached hereto certified true copy of the Board resolution whereby the Board of Directors of our Company has approved issue of this Undertaking by the Company.

All the terms used herein but not defined, shall have the meaning as ascribed to the said terms under the RFP.

Certified as true.

……..

(Signature and Name of the authorized signatory of the Company and stamp)

Note:

1. Wherever required, extract of the charter documents and documents such as a Board resolution should be submitted for verification.

ANNEXURE 11 - FORMATS FOR BOARD RESOLUTIONS

Format 1
Format of the Board resolution for the Bidding Company / each Member of the Consortium / investing Affiliate / Parent Company / Ultimate Parent Company, where applicable

[Reference Clause 2.5.2 of the RFP and the illustrations in Annexure 11A]

[Note: The following resolution no.1 needs to be passed by the Boards of each of the entity/(ies) making equity investment]

The Board, after discussion, at the duly convened Meeting on …….. [Insert date], with the consent of all the Directors present and in compliance of the provisions of the Companies Act, 1956/2013, passed the following Resolution:

1. RESOLVED THAT pursuant to the provisions of the Companies Act, 1956 / Companies Act 2013 (as the case may be) and compliance thereof and as permitted under the Memorandum and Articles of Association of the company, approval of the Board be and is hereby accorded for investment of…….% (……per cent) of the total equity share capital of Sakoli Power Transmission Limited representing the entire amount proposed to be invested by the company for the transmission system for "**Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)**", partly by acquisition of the existing equity shares from _____[Name of BPC] and / or partly by subscribing to the new equity shares, as per the terms of the RFP.

[Note: Equity investment obligations by the Bidding Company/each Member of the Bidding Consortium/investing Affiliate or Parent or Ultimate Parent should add up to 100%.]

[Note: In the event the Bidder is a Bidding Consortium, the following Board resolution no. 2 also needs to be passed by the Lead Member of the Bidding Consortium]

2. RESOLVED THAT approval of the Board be and is hereby accorded to contribute such further amount over and above the ;……. percentage (__%) limit to the extent becoming necessary towards the total equity share in the Sakoli Power Transmission Limited, obligatory on the part of the company pursuant to the terms and conditions contained in the Consortium Agreement dated …….executed by the company as per the provisions of the RFP.

[Note: In the event, the investing entity is an Affiliate or Parent or Ultimate Parent of the Bidder, the following Board resolution no. 3 shall also be passed by the Bidder]

3. FURTHER RESOLVED THAT the Board hereby acknowledges the Board Resolution(s) passed by the…….. [Name of the Affiliate(s)/ Parent / Ultimate Parent] regarding the investment of…….(….%) of the equity share capital requirements of Sakoli Power Transmission Limited, which is to be invested by the ……[Name of the Affiliate(s)/ Parent / Ultimate Parent] for the Sakoli Power Transmission Limited, partly by acquisition of the existing equity shares from _____[Name of BPC] and partly by subscribing to the new equity shares, as per the terms of the RFP.

[Note: The following resolution no. 4 is to be provided by the Bidding Company / Lead Member of the Consortium only]

4. FURTHER RESOLVED THAT MR/MS ……..be and is hereby authorized to take all the steps required to be taken by the Company for submission of the Bid, including in particular, signing of the Bid, making changes thereto and submitting amended Bid, all the documents related to the Bid, certified copy of this Board resolution or letter or undertakings etc, required to be submitted to BPC as part of the Bid or such other documents as may be necessary in this regard.

Certified True Copy

Company rubber stamp to be affixed

[Notes:

1) This certified true copy should be submitted on the letterhead of the Company, signed by the Company Secretary or any Whole Time Director/ Manager (supported by a specific board resolution) of the Bidding Company or the Lead Member of Consortium.

2) The contents of the format may be suitably re-worded indicating the identity of the entity passing the resolution, i.e., the Bidding Company, each Member of the Bidding Consortium.

3) This format may be modified only to the limited extent required to comply with the local regulations and laws applicable to a foreign entity submitting this resolution. For example, reference to Companies Act 1956 / Companies Act 2013 (as the case may be) may be suitably modified to refer to the law applicable to the entity submitting the resolution. However, in such case, the foreign entity shall submit an unqualified opinion issued by the legal counsel of such foreign entity, stating that the Board resolutions are in compliance with the applicable laws of the respective jurisdictions of the issuing company and the authorizations granted therein are true and valid.]

Format 2

Format for the Board resolution of Technically / Financially Evaluated Entity / Ultimate Parent Company (in case credentials of such TEE/ FEE has been utilized by the Bidding Company or Bidding Consortium)

The Board, after discussion, at the duly convened Meeting on ……. [Insert date], with the consent of all the Directors present and in compliance of the provisions of the Companies Act, 1956 / 2013, passed the following Resolution:

RESOLVED THAT pursuant to the provisions of the Companies Act, 1956 / Companies Act, 2013 (as the case may be) and compliance thereof and as permitted under the Memorandum and Articles of Association of the company, approval of the Board be and is hereby accorded for issuing an Undertaking to the BPC, in the format specified in the RFP issued by the BPC, draft of which is attached hereto and initialed by the Chairman whereby the company undertakes to invest …….percent (.... %) of the total equity share capital of Sakoli Power Transmission Limited representing the entire amount proposed to be invested by ……[insert the name of the Bidder or Member] for the said Project, in case of failure of ……[Insert the name of the Bidder or Member] to make such investment".

FURTHER RESOLVED THAT .....,be and is hereby authorized to take all the steps required to be taken by the Company, including in particular, signing the said Undertaking, submitting the same to the BPC through ……[Insert name of Bidding Company/Lead Member of the Consortium] of all the related documents, certified copy of this Board resolution or letter, undertakings etc, required to be submitted to BPC as part of the Bid or such other documents as may be necessary in this regard.

Certified True Copy

Company rubber stamp to be affixed

Note:

1. This certified true copy should be submitted on the letterhead of the Company, signed by the Company Secretary or any Whole-time Director/Manager (supported by a specific board resolution) of Bidding Company or Lead Member of the Consortium.

2. The contents of the format may be suitably re-worded indicating the identity of the entity passing the resolution.

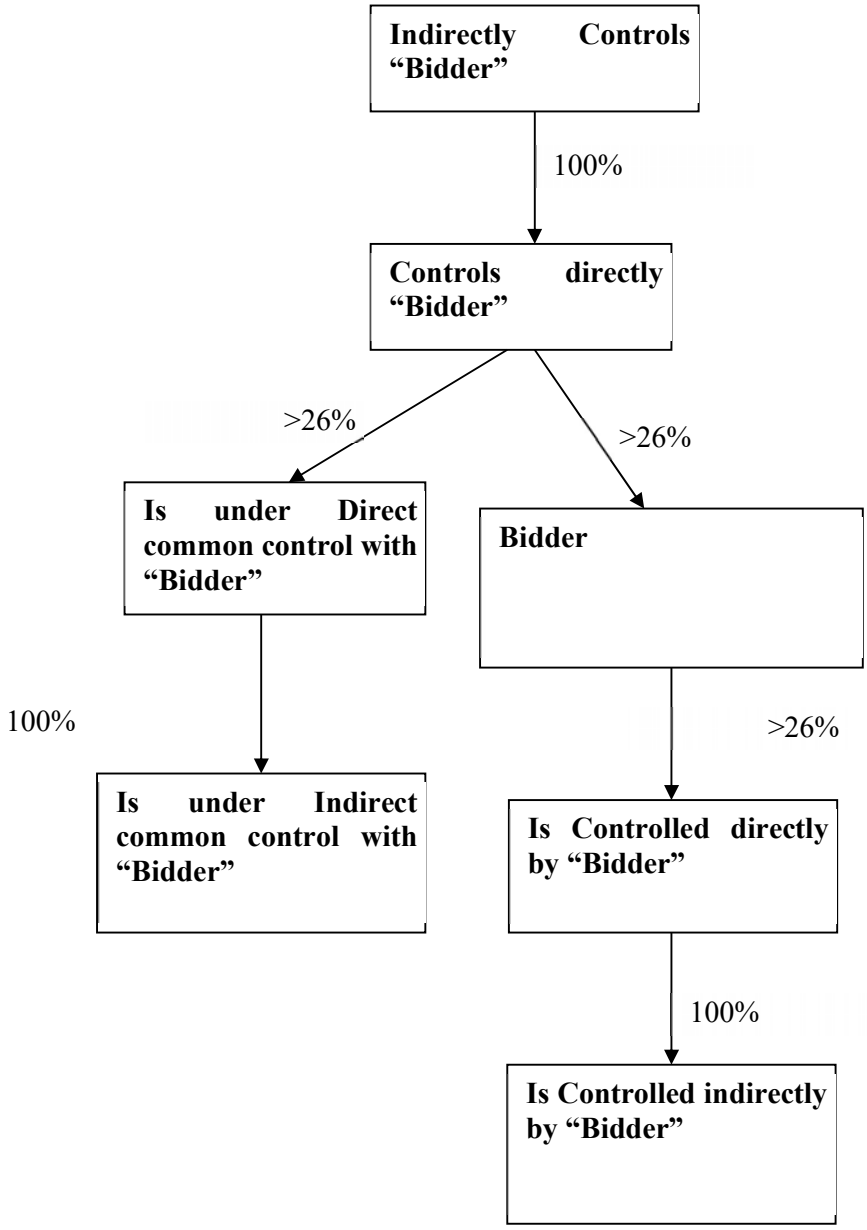
3. This format may be modified only to the limited extent required to comply with the local regulations and laws applicable to a foreign entity submitting this resolution. For example, reference to Companies Act 1956 / Companies Act 2013 (as the case may be) may be suitably modified to refer to the law applicable to the entity submitting the resolution. However, in such case, the foreign entity shall submit an unqualified opinion issued by the legal counsel of such foreign entity, stating that the Board resolutions are in compliance with the applicable laws of the respective jurisdictions of the issuing company and the authorizations granted therein are true and valid.

ANNEXURE 11A – ILLUSTRATION FOR APPLICABLE BOARD RESOLUTION REQUIREMENTS UNDER CLAUSE 2.5.2

Investor in the TSP	Entities (other than Bidder) whose credentials (financial and/or technical) used by the Bidder for meeting RFP criteria	Applicable Board Resolutions	Requirement of Undertaking (Annexure 10)
Bidder himself for 100% equity	None	a) Format 1 of Annexure 11 - Resolution: 1, 2 and 4 from the Bidder	None
Bidder himself for 100% equity	Affiliate and/or Parent Company and/or Ultimate Parent	a) Format 1 of Annexure 11 - Resolution: 1, 2, and 4 from the Bidder b) Format 2 of Annexure 11 by either Technically/ Financially Evaluated Entity(ies) whose credentials have been used, or Ultimate Parent. Provided, if the Bidder himself is the Ultimate Parent, then Format 2 need not be provided.	Yes, by either Technically / Financially Evaluated Entity(ies) Affiliate(s) whose credentials have been used, or Ultimate Parent. Provided, if the Bidder himself is the Ultimate Parent, then the undertaking need not be provided.
Bidder himself + others (Affiliate and/or Parent Company and/or Ultimate Parent) in aggregate holding 100% equity	None	a) Format 1 of Annexure 11 - Resolution: 1,2, 3 and4 from the Bidder. b) Format 1 of Annexure 11 - Resolution: 1 from the Affiliate and /or Parent and /or Ultimate Parent investing in the equity	None
Bidder himself + others (Affiliate and/or Parent Company	Affiliate and/or Parent Company and/or Ultimate Parent	a) Format 1 of Annexure 11 - Resolution: 1,2, 3 and 4 from the Bidder. b) Format 1 of Annexure 11 -	Yes, by either Parent/ Affiliate(s) whose credentials have been used, or Ultimate Parent

Investor in the TSP	Entities (other than Bidder) whose credentials (financial and/or technical) used by the Bidder for meeting RFP criteria	Applicable Board Resolutions	Requirement of Undertaking (Annexure 10)
and/or Ultimate Parent) in aggregate holding 100% equity		Resolution: 1 from the Affiliate and/or Parent and/or Ultimate Parent investing in the equity c) Format 2 of Annexure 11 by either Parent / Affiliate(s) whose credentials have been used and /or Ultimate Parent investing in the equity	

ANNEXURE 12 - FORMAT FOR ILLUSTRATION OF AFFILIATES



NOTE: Bidder to provide the illustration, as applicable in their case, duly certified by the Company Secretary and supported by documentary evidence in this regard.

ANNEXURE 13 - FORMAT FOR DISCLOSURE

[On the letter head of Bidding Company / Each Member in a Bidding Consortium]

Date: ……

DISCLOSURE

We hereby declare that the following companies with which we/ have direct or indirect relationship are also separately participating in this Bid process as per following details

S. No.	Name of the Company	Relationship
1.		
2.		
3.		

In case there is no such company please fill in the column "name of the company" as Nil.

Further we confirm that we don't have any Conflict of Interest with any other company participating in this bid process.

Certified as True

……..
(Signature)

Name: .....

Signature & Name of authorized signatory of the Company and Stamp

The above disclosure should be signed and certified as true by the authorized signatory of the Bidding Company or of the Member, in case of a Consortium).

ANNEXURE 14 - FORMAT OF THE BID BOND

FORMAT OF THE UNCONDITIONAL AND IRREVOCABLE BANK GUARANTEE FOR BID BOND

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)

In consideration of the .....[Insert name of the Bidder] submitting the Bid inter alia for establishing the Intra-State transmission Project i.e. _____[Name of Project] on build, own, operate and transfer basis, in response to the RFP dated _____ issued by _____[Name of BPC], and the Bid Process Coordinator (hereinafter referred to as BPC) agreeing to consider such Bid of …….....[Insert the name of the Bidder] as per the terms of the RFP, the [Insert name and address of the bank issuing the Bid Bond, and address of the Head Office] (hereinafter referred to as "Guarantor Bank") hereby agrees unequivocally, irrevocably and unconditionally to pay to _____[Name of BPC] or its authorized representative at _____[Address of BPC] forthwith on demand in writing from _____[Name of BPC] or any representative authorized by it in this behalf, any amount up to and not exceeding Rupees _____ Only (Rs _____ Crore),on behalf of M/s…….[Insert name of the Bidder].

This guarantee shall be valid and binding on the Guarantor Bank up to and including …… [Date to be inserted on the basis of Clause 2.11 of this RFP] and shall not be terminable by notice or any change in the constitution of the Guarantor Bank or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between concerned parties.

Our liability under this Guarantee is restricted to Rupees _____ Only (Rs ____ Crore). Our Guarantee shall remain in force until ……..[Date to be inserted on the basis of Clause 2.11 of this RFP]. _____[Name of BPC] or its authorized representative shall be entitled to invoke this Guarantee until …… [Insert Date, which is three sixty five days (365) days after the date in the preceding sentence]. The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand from _____[Name of BPC] or its authorized representative, made in any format, raised at the above mentioned address of the Guarantor Bank, in order to make the said payment to _____[Name of BPC] or its authorized representative.

The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection, disputes, or disparities raised by the Bidder or any other person. The Guarantor Bank shall not require _____[Name of BPC] or its authorized representative to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against _____[Name of BPC] or its authorized representative in respect of any payment made hereunder.

This BANK GUARANTEE shall be interpreted in accordance with the laws of India.

The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

This BANK GUARANTEE shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Guarantor Bank.

This BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and accordingly _____[Name of BPC] or its authorized representative shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against the Bidder, to make any claim against or any demand on the Bidder or to give any notice to the Bidder to enforce any security held by _____[Name of BPC] or its authorized representative or to exercise, levy or enforce any distress, diligence or other process against the Bidder.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to Rupees _____ Only (Rs ____ Crore) and it shall remain in force until …… [Date to be inserted on the basis of Clause 2.11 of RFP], with an additional claim period of three hundred sixty five (365) days thereafter. We are liable to pay the guaranteed amount or any part thereof under this BANK GUARANTEE only if _____[Name of BPC] or its authorized representative serves upon us a written claim or demand.

In witness whereof the Bank, through its authorized officer, has set its hand and stamp on this…….. day of ..... at……

Witness:

1……. Signature: ……..
Name and Address Name: ……..……..

2. …….. Designation with Stamp:
Name and Address

Signature …….

Attorney as per power of attorney

No.……

For:
…… [Insert Name of the Bank]

Banker's Stamp and Full Address:

Dated this……day of……. 20……..

Notes:

1. The Stamp Paper should be in the name of the Executing Bank.

ANNEXURE 14 A- FORMAT OF THE SURETY BOND FOR BID SECURITY FORMAT OF THE SURETY BOND

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)

In consideration of the .....[Insert name of the Bidder] submitting the Bid inter alia for establishing the Intra-State transmission system for _____[Name of Project] on build, own, operate and transfer basis, in response to the RFP dated issued by _____ [Name of BPC], and the Bid Process Coordinator (hereinafter referred to as BPC) agreeing to consider such Bid of ..... [Insert the name of the Bidder] as per the terms of the RFP, the [Insert name of Surety Insurer issuing the surety bond and address of Head Office] (hereinafter referred to as "Surety Insurer") hereby agrees unequivocally, irrevocably and unconditionally to pay to ___ [Name of BPC] or its authorized representative at ___ [Address of BPC] forthwith on demand in writing from _____ [Name of BPC] or any representative authorized by it in this behalf, any amount up to and not exceeding Rupees ___ Only (Rs _____ Crore) (the "Surety Bond"),on behalf of M/s.....[Insert name of the Bidder].

This surety bond shall be valid and binding on the Surety Insurer up to and including ..... [Date to be inserted on the basis of Clause 2.11 of this RFP] and shall not be terminable by notice or any change in the constitution of the Surety Insurer or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between concerned parties.

Our liability under this Surety Bond is restricted to Rupees _____Only (Rs ___ Crore). The Surety Bond shall remain in force until .....[Date to be inserted on the basis of Clause 2.11 of this RFP]. _____ [Name of BPC] or its authorized representative shall be entitled to invoke this Surety bond until ..... [Insert Date, which is one hundred eighty (180) days after the date in the preceding sentence]. The Surety Insurer hereby expressly agrees that it shall not require any proof except for the written demand from _____ [Name of BPC] or its authorized representative, made in any format, raised at the above mentioned address of the Surety Insurer, in order to make the said payment to ____[Name of BPC] or its authorized representative.

The Surety Insurer shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection, disputes, or disparities raised by the Bidder or any other person. The Surety Insurer shall not require _____ [Name of BPC] or its authorized representative to justify the invocation of this surety bond, nor shall the Surety Insurer have any recourse against _____ [Name of BPC] or its authorized representative in respect of any payment made hereunder.

This Surety Bond shall be interpreted in accordance with the laws of India.

The Surety Insurer represents that this Surety Bond has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Surety Insurer

in the manner provided herein.

This Surety Bond shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Surety Insurer.

This Surety Bond shall be a primary obligation of the Surety Insurer and accordingly _____ [Name of BPC] or its authorized representative shall not be obliged before enforcing this Surety Bond to take any action in any court or arbitral proceedings against the Bidder, to make any claim against or any demand on the Bidder or to give any notice to the Bidder to enforce any security held by _____[Name of BPC] or its authorized representative or to exercise, levy or enforce any distress, diligence or other process against the Bidder.

The Surety Insurer declares that it has power to issue this Surety Bond and discharge the obligations contemplated herein, the undersigned is duly authorised and has full power to execute this Surety Bond for and on behalf of the Surety Insurer.

Notwithstanding anything contained hereinabove, our liability under this surety bond is restricted to Rupees _____ Only (Rs ___ Crore) and it shall remain in force until ..... [Date to be inserted on the basis of Clause 2.11 of RFP], with an additional claim period of one hundred eighty (180) days thereafter. We are liable to pay the guaranteed amount or any part thereof under this Surety Bond only if _____ [Name of BPC] or its authorized representative serves upon us a written claim or demand.

In witness where of:

Signature.....

Name: .....

Power of attorney No/ Employee No. as applicable.:

For:

. .....[Insert Name of the Surety-Insurance Company]
Banker's Seal and Full Address, including mailing address of the Head Office

Notes:

1. The Stamp Paper should be in the name of the Executing Insurance Company.

ANNEXURE 14B - Format of Payment on Order Instrument to be issued by IREDA/ REC/ PFC

(to be submitted separately for each Project)

No. Date

.....[Insert name of BPC]

Reg: M/s_____(insert name of the bidding entity)- **Issuance of Payment on Order Instrument for an amount of Rs._____**

Dear Sir,

1. At the request of M/s..... (Insert name of the bidding entity), this Payment on Order Instrument (POI) for an amount of Rs..... (Rupees (In words)) is being issued by M/s. (Insert Name of the POI issuing Agency) ('IREDA/REC/PFC'). This Payment on Order Instrument comes into force immediately.
2. In consideration of the …… ……. [Insert name of the Bidding Entity] (hereinafter referred to as 'Bidder') submitting the response to RFP issued by [Insert name of BPC] for the project [Insert name of the project] and [Insert name of BPC] considering such response to the RfP of M/s..... [Insert the name of Bidding Entity] as per the terms of the RFP, the .... [Insert name & address of IREDA/PFC/REC] hereby agrees unequivocally, irrevocably and unconditionally to pay to _____ [Insert name of BPC] at [Insert Name of the Place from the address of the BPC] forthwith without demur on demand in writing from ..... [Insert name of BPC] or any Officer authorized by it in this behalf, any amount up to and not exceeding Rupees [Insert amount not less than the bid bond value indicated in RFP] only, on behalf of M/s. ____[Insert name of the Bidding Entity].
3. In consideration of the above facts, IREDA/REC/PFC, having its registered office at ..... agrees to make payment for the sum of Rs (in words .....) to ..... [Insert name of BPC] on the following conditions:
   (a) IREDA/REC/PFC agrees to make payment of the above said amount unconditionally, without demur and without protest within a period of days of receipt of request from _____ [Insert name of BPC] within the validity period

of this letter as specified herein;

(b) The commitment of IREDA/REC/PFC, under this Payment on Order Instrument will have the same effect as that of the commitment under the Bank Guarantee issued by any Public Sector Bank and shall be enforceable in the same manner as in the case of a Bank Guarantee issued by a Bank and the same shall be irrevocable and shall be honoured irrespective of any agreement or its breach between IREDA/REC/PFC or its constituents notwithstanding any dispute that may be raised by them against _____ [Insert name of BPC];

(c) The liability of IREDA/REC/PFC continues to be valid and binding on IREDA/REC/PFC and shall not be terminated, impaired, and discharged by virtue of change in its constitution and specific liability under this POI shall be binding on its successors or assignors;

(d) The liability of IREDA/REC/PFC shall continue to be valid and binding on IREDA/REC/PFC and shall not be terminated/impaired/discharged by any extension of time or variation and alteration made, given or agreed with or without knowledge or consent of the parties _____ ([Insert name of BPC] and Bidder), subject however to the maximum extent of amount stated herein and IREDA/REC/PFC is not liable to any interest or costs etc.;

(e) This Payment on Order Instrument can be invoked either partially or fully, till the date of validity;

(f) IREDA/REC/PFC agrees that it shall not require any proof in addition to the written demand by _____ [Insert name of BPC] made in any format within the validity period. IREDA/REC/PFC shall not require [Insert name of BPC] to justify the invocation of the POI against the Bidder, to make any claim against or any demand against the Bidder or to give any notice to the Bidder;

(g) The POI shall be the primary obligation of IREDA/REC/PFC and ..... [Insert name of BPC] shall not be obliged, before enforcing the POI, to take any action in any court or arbitral proceedings against the Bidder;

(h) The POI shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other changes in constitution of IREDA/REC/PFC;

(i) Neither the ..... [Insert name of BPC] is required to justify the invocation of this POI nor shall IREDA/REC/PFC have any recourse against the ..... [Insert name of BPC] in respect of the payment made under this POI.

4. Notwithstanding anything contrary contained anywhere in this POI or in any other documents, this POI is and shall remain valid up to _____ [Insert the date of validity of the POI as per Clause 2.11.1 of the RFP], with an additional claim period of three hundred and sixty-five (365) days thereafter and IREDA/REC/PFC shall make payment thereunder only if a written demand or request is raised within the said date and to the maximum extent of Rs..... and IREDA/REC/PFC shall in no case be liable for any interest, costs, charges, and expenses and IREDA's/REC's/PFC's liability in no case will

exceed more than the above amount stipulated.

5. In pursuance of the above, IREDA/REC/PFC and _____ [Insert name of BPC] have signed an Umbrella Agreement dated …… ... setting out the terms and conditions for issue of letter of undertaking by IREDA/REC/PFC to ..... [Insert name of BPC] and the said terms and conditions shall be read as a part of this POI issued for the project of PP mentioned above.

Thanking you,

Yours faithfully For and on behalf of

M/s.....

(Name of the POI issuing agency)

( )

General Manager

Copy to

M/s ..... as per their request

( )

General Manager

ANNEXURE 15 - FORMAT FOR CONTRACT PERFORMANCE GUARANTEE

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution. Foreign entities submitting Bids are required to follow the applicable law in their country)

In consideration of the …… [Insert name of the SPV or Selected Bidder on behalf of SPV or Lead Member in case of the Consortium, with address] agreeing to undertake the obligations under the Transmission Service Agreement dated …… and the other RFP Project Documents and the Maharashtra State Transmission Utility (STU) and ……_[Name of BPC], agreeing to execute the RFP Project Documents with the Selected Bidder, regarding setting up the Project, the……[Insert name and address of the bank issuing the guarantee and address of the head office] (hereinafter referred to as "Guarantor Bank") hereby agrees unequivocally, irrevocably and unconditionally to pay to the Maharashtra State Transmission Utility (STU) at…… [Insert Place and Address of the Maharashtra State Transmission Utility (STU) indicated in TSA] forthwith on demand in writing from the Maharashtra State Transmission Utility (STU) any Officer authorized by it in this behalf, any amount up to and not exceeding Rupees……Crores (Rs…….) only [Insert the amount of the bank guarantee] on behalf of M/s…… [Insert name of the Selected Bidder / SPV].

This guarantee shall be valid and binding on the Guarantor Bank up to and including ……..and shall not be terminable by notice or any change in the constitution of the Bank or the term of the Transmission Service Agreement or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between parties to the respective agreement.

Our liability under this Guarantee is restricted to Rupees ……. Crores (Rs……) only. Our Guarantee shall remain in force until…… [Insert the date of validity of the Guarantee as per Clause 2.12.1 of the RFP]. The Maharashtra State Transmission Utility (STU) shall be entitled to invoke this Guarantee up to three hundred sixty five (365) days of the last date of the validity of this Guarantee.

The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand from the Maharashtra State Transmission Utility (STU), made in any format, raised at the above mentioned address of the Guarantor Bank, in order to make the said payment to the Maharashtra State Transmission Utility (STU).

The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by _____[Name of SPV], …… [Insert name of the Selected Bidder], ……. [Insert name of the TSP] and/or any other person. The Guarantor Bank shall not require the Maharashtra State Transmission Utility (STU) to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against the Maharashtra State Transmission Utility (STU) in respect of any payment made hereunder.

This BANK GUARANTEE shall be interpreted in accordance with the laws of India.
The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.
This BANK GUARANTEE shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Guarantor Bank.

This BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and accordingly the Maharashtra State Transmission Utility (STU) shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against _____[Name of SPV] or the Selected Bidder, to make any claim against or any demand on _____[Name of SPV] or the Selected Bidder, as the case may be, or to give any notice to _____[Name of SPV] or the Selected Bidder, as the case may be, or to enforce any security held by the Maharashtra State Transmission Utility (STU) or to exercise, levy or enforce any distress, diligence or other process against ……_[Name of SPV] or the Selected Bidder, as the case may be.

The Guarantor Bank acknowledges that this BANK GUARANTEE is not personal to the Maharashtra State Transmission Utility (STU) and may be assigned, in whole or in part, (whether absolutely or by way of security) by Maharashtra State Transmission Utility (STU) to any entity to whom the Maharashtra State Transmission Utility (STU) is entitled to assign its rights and obligations under the Transmission Service Agreement.

The Guarantor Bank hereby agrees and acknowledges that the Maharashtra State Transmission Utility (STU) shall have a right to invoke this Bank Guarantee either in part or in full, as it may deem fit.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to Rupees ……..Crores (Rs ……..) only and it shall remain in force until [Date to be inserted on the basis of Article 3.1.2 of TSA], with an additional claim period of three hundred sixty five (365) days thereafter. This BANK GUARANTEE shall be extended from time to time for such period, as may be desired by…… [Insert name of the Selected Bidder or Lead Member in case of the Consortium or SPV]. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if the Maharashtra State Transmission Utility (STU) serves upon us a written claim or demand.

In witness where of:

Signature……..

Name: ….……

Power of attorney No.: ……...

For:

…… [Insert Name of the Bank]
Banker's Seal and Full Address, including mailing address of the Head Office

Notes:
1. The Stamp Paper should be in the name of the Executing Bank.

ANNEXURE 15A - FORMAT FOR SURETY INSURANCE CONTRACT (ISB for CPG)

FORMAT FOR SURETY INSURANCE CONTRACT

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.

Foreign entities submitting Bids are required to follow the applicable law of India)

In consideration of the ..... [Insert name of the SPV or Selected Bidder on behalf of SPV or Lead Member in case of the Consortium, with address] (hereinafter referred to as the **'Principal Debtor'** for the purposes of this Surety Insurance Contract as provided in Section 126 of the Indian Contract Act, 1872) having been selected to undertake the Transmission Project on the terms and conditions contained in the Transmission Service Agreement dated ...../ to be executed as per the Model Transmission Service Agreement provided along with the Request for Proposal **('RFP')** and other RFP Project Documents, subject to the condition of providing a Performance Bank Guarantee or a Surety Insurance Contract guaranteeing/insuring the due performance of the obligations under the Transmission Service Agreement, to the Maharashtra State Transmission Utility [herein after referred to as the Nodal Agency], the [Insert name and address of the Insurance Company issuing the Surety Insurance Contract and address of the head office] (hereinafter referred to as **"Surety")** hereby agrees unequivocally, irrevocably, absolutely and unconditionally, without demur, to pay to the Nodal Agency at _____ [Insert Place and Address of the Nodal Agency indicated in Transmission Service Agreement, or to the designated Bank Account of the Nodal Agency, namely.....] forthwith on demand in writing from the Nodal Agency, or any Officer authorized by it in this behalf, intimated to the Surety at the address mentioned above, any amount as may be decided by the Nodal Agency not exceeding Rupees .....Crores (Rs.....) only [Insert the amount of the Surety Insurance Contract]

The Surety hereby acknowledges, accepts and confirms that the Surety has received from the Principal Debtor, by way of premium the entire consideration for the Surety to execute, in favour of the Nodal Agency, this Surety Insurance Contract, as extended by the Surety from time to time and assuming the obligation to pay to the Nodal Agency the amount in terms hereof, without any requirement for payment of any other consideration to the Surety by the Principal Debtor, or otherwise.

This Surety Insurance Contract shall be valid and binding on the Surety, as the principal obligation of the Surety to pay on demand by the Nodal Agency, and shall not be terminable by notice or any change in the constitution of the Surety or the term of the Transmission Service Agreement or by any other reasons whatsoever and the liability hereunder of the Surety shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed (with or without the knowledge or consent of the Surety)

by or between the Principal Debtor and the Nodal Agency.

The liability of the Surety under this Surety Insurance Contract is restricted to Rupees ..... Crores (Rs) only. The Surety Insurance Contract shall remain in force until [Insert the date of validity of the Surety Insurance Contract]. The Nodal Agency shall be entitled to invoke this Surety Insurance Contract up to three hundred sixty five (365) days after the last date of the validity of this Surety Insurance Contract.

The Surety hereby expressly agrees that it shall not require any proof except for the written demand from the Nodal Agency, containing the statement that the contractor has failed to meet its contractual obligations raised at the above mentioned address of the Surety (address of Surety office should be a place in NCR only) and the Surety shall pay the amount without reference to the Principal Debtor.

Any such demand made by the Nodal Agency on the Surety shall be conclusive and binding not withstanding any difference between the Nodal Agency and the Principal Debtor or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Surety undertakes not to revoke this guarantee during its currency without previous consent of the Nodal Agency and further agrees that the Surety Insurance Contract herein contained shall continue to be enforceable till the Nodal Agency discharges this contract or till the expiry of tenor (including Claim period) whichever is earlier.

The Surety shall make payment hereunder within two (02) working days on first demand without restriction or conditions and notwithstanding any objection by the Principal Debtor, namely, ... [Insert name of SPV], or.....[Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person. The Surety shall not require the Nodal Agency to justify the invocation of this Surety Insurance Contract, nor shall the Surety have any recourse against the Nodal Agency in respect of any payment made hereunder.

This SURETY INSURANCE CONTRACT shall be interpreted in accordance with the laws of India.

This SURETY INSURANCE CONTRACT is being executed by the Surety in terms of the IRDAI (Surety Insurance Contract) Guidelines, 2022 and the Surety hereby acknowledges, accepts and confirms that this Surety Insurance Contract shall be a Contract of Guarantee as provided under Section 126 of the Indian Contract Act, 1872 and further shall be covered by Section 14(3)(b) of the Insolvency and Bankruptcy Code, 2016 (as amended) shall be enforceable as such.

The Surety represents that this Surety Insurance Contract has been established in such form

and with such content that it is fully enforceable in accordance with its terms as against the Surety in the manner provided herein.

This SURETY INSURANCE CONTRACT shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Surety.
In order to give effect to this surety Bond, the Nodal Agency shall be entitled to act as if the surety insurer were the principal debtor and any change in the constitution of the contractor and/or the surety insurer, whether by their absorption with any other body or corporation or otherwise, shall not in any way or manner affect the liability or obligation of the surety insurer under this surety Bond.

This SURETY INSURANCE CONTRACT shall be a primary obligation of the Surety as a Principal to pay on demand by the Nodal Agency and the Nodal Agency shall not be obliged before enforcing this Surety Insurance Contract to take any action in any court or arbitral proceedings against the Principal Debtor, namely, ... [Insert name of SPV], or .....[Insert name of the Selected Bidder], or .....[Insert name of the TSP] and/or any other person, as the case may be, to make any claim against or any demand on the Principal Debtor, namely, ...[Insert name of SPV], or ..... [Insert name of the Selected Bidder], or .....[Insert name of the TSP] and/or any other person, as the case may be, or to give any notice to Principal Debtor, namely..... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or .....[Insert name of the TSP] and/or any other person, as the case may be, or to enforce any security held by the Nodal Agency or to exercise, levy or enforce any distress, diligence or other process against the Principal Debtor, namely, ... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be.

The Surety acknowledges that this Surety Insurance Contract is not personal to the Nodal Agency and may be assigned, in whole or in part, (whether absolutely or by way of security) by Nodal Agency to any entity to whom the Nodal Agency is entitled to assign its rights and obligations under the Transmission Service Agreement Provided that any such assignment shall be in compliance with the relevant provisions of the Insurance Act 1938

The Surety hereby agrees and acknowledges that the Nodal Agency shall have a right to invoke this Surety Insurance Contract either in part or in full, as it may deem fit. In case of invocation of this Surety Insurance Contract in part, besides making payment for the part of Surety Insurance Contract invoked, surety at the request of Nodal Agency shall amend the value of Surety Insurance Contract to the extent of balance amount.

The Surety undertakes not to revoke this Surety Contract during its currency, except with the previous express consent of the Nodal Agency in writing and declares and warrants that it has the power to issue this Surety Contract and the undersigned has full powers to do so on behalf of the Surety

In witness where of:

Signature.....

Name: .....

Power of attorney No/ Employee No. as applicable.: ……

For:

..... [Insert Name of the Surety-Insurance Company]
Banker's Seal and Full Address, including mailing address of the Head Office

Notes:

1. The Stamp Paper should be in the name of the Executing Insurance Company.

ANNEXURE 15B- FORMAT FOR ISSUANCE OF PAYMENT ON ORDER INSTRUMENT (POI for CPG)

Format for Issuance of Payment on Order Instrument

Dear Sir,

1. Indian Renewable Energy Development Agency Limited ('IREDA")/PFC/REC has sanctioned a non-fund based limit loan of Rs. (Rupees..... Only) to M/s. …… [Insert name of SPV or selected Bidder] under the Loan Agreement executed on ..... to execute Transmission System Projects.

2. In consideration of the .....[Insert name of the SPV or Selected Bidder on behalf of SPV or Lead Member in case of the Consortium, with address] for the purposes of this Payment on Order Instrument ("POI") having been selected to undertake the Transmission Project on the terms and conditions contained in the Transmission Service Agreement dated ...../ to be executed as per the draft of the Model Transmission Service Agreement provided along with the Request for Proposal („RFP") and other RFP Project Documents, subject to the condition of providing a POI guaranteeing the due performance of the obligations under the Transmission Service Agreement to the Maharashtra State Transmission Utility ("Nodal Agency"), the.....[Insert name and address of the non-banking financial institutions(IREDA/PFC/REC) issuing the POI and address of the head office] (hereinafter referred to as **"Guarantor")** hereby agrees unequivocally, irrevocably, absolutely and unconditionally, without demur, to pay to the Nodal Agency at ..... [Insert Place and Address of the Nodal Agency indicated in Transmission Service Agreement, or to the designated Bank Account of the Nodal Agency, namely . . . . .] forthwith on demand in writing from the Nodal Agency, or any Officer authorized by it in this behalf, intimated to the Guarantor at the address mentioned above, any amount as may be decided by the Nodal Agency not exceeding Rupees ..... Crores (Rs) only [Insert the amount of Payment on Order Instrument]

3. At the request of .....and on behalf of M/s. ....., [Insert name of SPV or selected Bidder] this Payment on Order Instrument (POI) for an amount of Rs. ..... (Rupees .....) is being issued with IREDA/PFC/REC assuming the obligations to remit such amount to Nodal Agency from the sanctioned loan.

4. This Payment on Order Instrument comes into force immediately and IREDA/PFC/REC confirms that it has sufficient amount out of the sanctioned loan and shall maintain the required amount to pay under this Payment on Order Instrument, during the validity and claim period of this Payment on Order Instrument.

5. This POI has been issued by IREDA/PFC/REC utilizing the credit limit of

M/s.....[Insert name of SPV or selected Bidder] IREDA/PFC/REC confirms that its liability to pay under this Payment on Order Instrument shall be primary and independent of whether at the time of invocation of Payment on Order Instrument, the sanctioned funds are available or not and notwithstanding, the status of M/s_____[Insert name of SPV or selected Bidder] at the relevant time and to whether IREDA/PFC/REC is able to recover the amount advanced by it to the said developer.

6. IREDA/PFC/REC and M/s. …….[Insert name of SPV or selected Bidder] hereby acknowledges, accepts and confirms that this Payment on Order Instrument shall be a Contract of Guarantee as provided under Section 126 of the Indian Contract Act, 1872 and further shall be covered by Section 14(3)(b) of the Insolvency and Bankruptcy Code, 2016 (as amended) shall be enforceable as such.

7. IREDA/PFC/REC liability under this POI is restricted to Rupees Crores (Rs.....) only. This POI shall remain in force until..... [Insert the date of validity of the POI]. The Nodal Agency shall be entitled to invoke this POI up to three hundred sixty-five (365) days after the last date of the validity of this POI. This POI shall be extended from time to time for such period, as may be desired by the TSP.

8. The Guarantor hereby expressly agrees that it shall not require any proof except for the written demand from the Nodal Agency, raised at the above- mentioned address of the Guarantor (address of Guarantor office should be in NCR only) and the Guarantor shall pay the amount to the Nodal Agency without reference to the TSP.

9. Any such demand made by the Nodal Agency on the Guarantor shall be conclusive and binding not withstanding any difference between the Nodal Agency and the TSP or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Guarantor undertakes not to revoke this guarantee during its currency without previous consent of the Nodal Agency and further agrees that the POI herein contained shall continue to be enforceable till the Nodal Agency discharges this contract or till the expiry of tenure or (including Claim period) whichever is earlier.

10. The Guarantor shall make payment hereunder within two (02) working days on first demand without restriction or conditions and notwithstanding any objection or disputes raised by the TSP, namely, ...[Insert name of SPV], or [Insert name of the Selected Bidder], or.....[Insert name of the TSP] and/or any other person. The Guarantor shall not require the Nodal Agency to justify the invocation of this POI, nor shall the Guarantor have any recourse against the Nodal Agency in respect of any payment made hereunder.

11. This POI shall be interpreted in accordance with the laws of India.

12. The Guarantor represents that this POI Contract has been established in such form and

with such content that it is fully enforceable in accordance with its terms as against the Guarantor in the manner provided herein.

13. This POI shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Guarantor.

14. This POI Contract shall be a primary obligation of the Guarantor as a Principal to pay on demand by the Nodal Agency and the Nodal Agency shall not be obliged before enforcing this POI Contract to take any action in any court or arbitral proceedings against the TSP, namely, ... [Insert name of SPV], or..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be to make any claim against or any demand on the TSP, namely, ... [Insert name of SPV], or ..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be, or to give any notice to TSP, namely..... [Insert name of SPV], or..... [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be, or to enforce any security held by the Nodal Agency or to exercise, levy or enforce any distress, diligence or other process against the TSP, namely, ... [Insert name of SPV], or ……. [Insert name of the Selected Bidder], or ..... [Insert name of the TSP] and/or any other person, as the case may be.

15. The Guarantor acknowledges that this POI Contract is not personal to the Nodal Agency and may be assigned, in whole or in part, (whether absolutely or by way of security) by Nodal Agency to any entity to whom the Nodal Agency is entitled to assign its rights and obligations under the Transmission Service Agreement.

16. The Guarantor hereby agrees and acknowledges that the Nodal Agency shall have a right to invoke this POI Contract either in part or in full, as it may deem fit. In case of invocation of this POI Contract in part, besides making payment for the part of POI Contract invoked, Guarantor at the request of Nodal Agency shall amend the value of POI Contract to the extent of balance amount.

IN WITNESS WHERE OF the non- banking financial institutions through its authorized officer, has set its hand and stamp on this..... day of.....at.....

Signature .....

Name:

Power of attorney No.:

.....For:

.....[Insert Name of the non- banking financial institutions Company]

Seal and Full Address, including mailing address of the Head Office

ANNEXURE 16 – FORMAT OF CHECKLIST FOR TECHNICAL BID SUBMISSION REQUIREMENTS

[This format needs to be duly filled in, signed by the authorized signatory of the Bidder (Bidding Company / Lead Member in case of a Bidding Consortium) and submitted along with the Bidder's Technical Bid]

Technical Bid Submission Requirements	Response (Yes / No)
1. Format for the Covering Letter on the letterhead of Bidding Company or Lead Member of the Consortium, as applicable;	
2. Format for Letter of Consent from each Consortium Member, including Lead Member, on their respective letterheads;	
3. Format for evidence of authorized signatory's authority ;	
4. Board resolution from the Bidding Company / Lead Member of the Consortium in favour of the person executing the Power of Attorney as per **Annexure 3**;	
5. Power of Attorney from each Consortium Member in favour of Lead Member to be provided by each of the other Members of the Consortium as per **Annexure 4**;	
6. Board Resolution from each Member of the Consortium, other than the Lead Member, in favour of their respective authorized representatives for executing the POA, Consortium Agreement and signing of the requisite formats;	
7. Format for Bidder's composition and ownership structure, along with status of equity holding (owning ten percent or more of the total paid up equity) not earlier than thirty (30) days prior to the Bid Deadline as per **Annexure 5**;	
8. Consortium Agreement duly signed as per **Annexure 6**, along with Appendix-1, indicating the responsibilities and obligations of each Member of the Consortium;	
9. Format for Qualification Requirement:	
a. Calculation sheets, detailing computation of Networth considered for meeting Qualifying Requirements, duly signed and stamped by the Statutory Auditor of the Bidding Company / each Member in case of a Bidding Consortium / FEE in cases where credentials of FEE is taken;	
b. Calculation sheets, detailing computation of capital expenditure of projects and revenue received in construction projects considered for meeting Qualification Requirements, duly signed and stamped by the Statutory Auditor of the Bidding Company / Lead	

Technical Bid Submission Requirements	Response (Yes / No)
Member in case of Bidding Consortium / TEE in cases where credentials of TEE is taken; c. Last financial year unconsolidated / consolidated audited annual accounts / statements, as the case may be, of the Financially Evaluated Entity / Technical Evaluated Entity d. Unconsolidated audited annual accounts of both the TEE and the Bidding Company/Lead member, as applicable, from the financial years in which financial closure was achieved till the financial year in which the said project was completed / commissioned.	
10. Copy of the Memorandum and Articles of Association and certificate of incorporation or other organizational document (as applicable), including their amendments, certified by the Company Secretary of Bidding Company or each Member in case of a Consortium including Lead Member.	
11. Attachment of **Annexure 7(D)**, detailing projects completed / commissioned and for which commercial operation has commenced including Executive Summary for each project.	
12. For each project listed in the attachment above, certified true copy of the certificates of final acceptance and / or certificates of good operating performance duly issued by owners or clients for the project, duly signed by authorized signatory in support of technical capability as defined in Clause 2.1.2 of RFP.	
13. Authority letter in favour of BPC from the Bidder/every Member of the Consortium authorizing the BPC to seek reference from their respective bankers & others.	
14. Authorization from Parent / Affiliate of Bidding Company / Member of Bidding Consortium whose technical / financial capability has been used by the Bidding Company / Member of Bidding Consortium.	
15. Initialing of all pages of Technical Bid by the Authorized Signatory in whose favour the POA (**Annexure 3**) has been executed.	
16. Format for Illustration of Affiliates at the most seven (7) days prior to the Bid Deadline, duly certified by Company Secretary and supported by documentary evidence.	
17. Certified copy of the Register of Members / Demat Account Statement, Share Certificate, Annual Return filed with ROC	

	Technical Bid Submission Requirements	Response (Yes / No)
	etc. submitted as documentary evidence along with **Annexure 12**.	
18.	Format for Disclosure by Bidding Company / each Member of the Consortium.	
19.	Format for Affidavit by the Bidding Company / each Member of the Consortium	
20.	Format for Authorization submitted in Non-Judicial stamp paper duly notarized.	
21.	Bidders Undertaking and details of Equity Investment	
22.	Proof of Payment of RFP Fees	
23.	Bid Bond/ ~~Bid Security Declaration (As applicable)~~	
24.	Board Resolution as per Annexure 11 (If required)	

[**Note:** The checklist is not exhaustive. Bidders are required to submit all the information/documents as per requirement of RFP]

For and on behalf of Bidder

M/s. …….

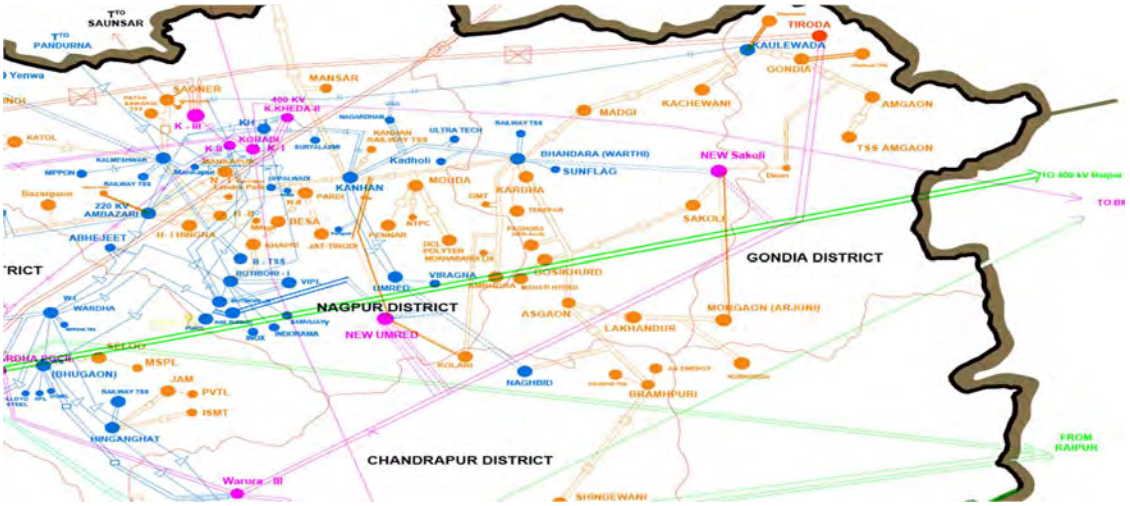
……..
(Signature of authorized signatory)

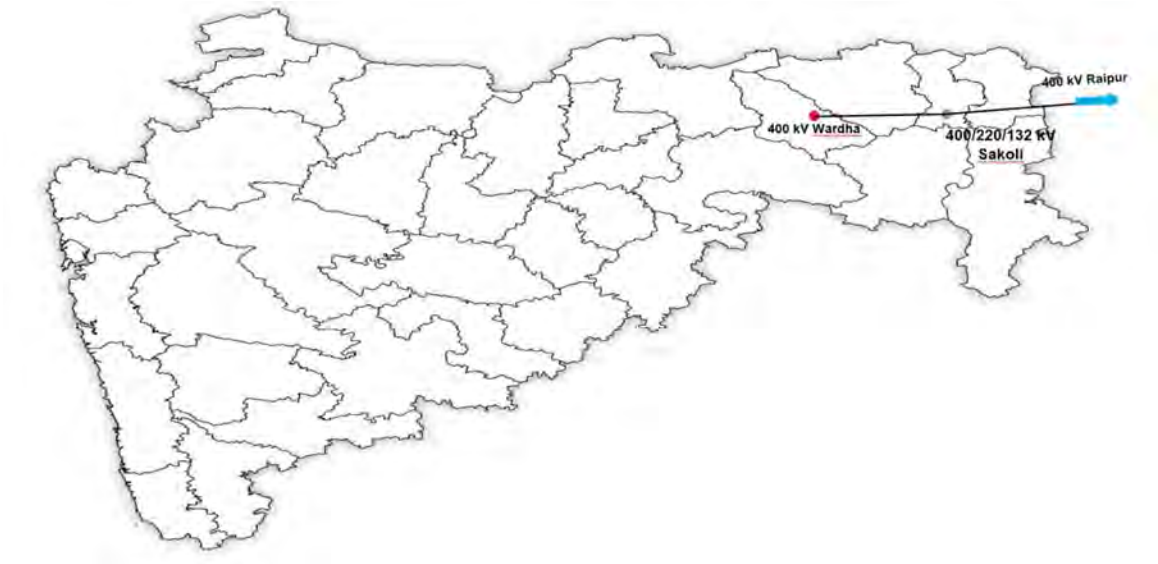
ANNEXURE 17 – LIST OF BANKS

The list of banks shall include all Scheduled Commercial Banks as per Second Schedule of RBI Act-1934 and any amendments thereof.

Note:
The above list of banks is indicative and can be modified by the BPC as required and any such change shall not be construed as a deviation from this document.

ANNEXURE 18 - GRID MAP OF THE PROJECT





ANNEXURE 19 - FORMAT FOR CLARIFICATIONS / AMENDMENTS ON THE RFP / RFP PROJECT DOCUMENTS

S. No.	Name of the Document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment

Signature ……

Name……...

For

Bidder's Rubber Stamp and Full Address.

(Note: This format shall be used for submission of requests for clarifications/ amendments on the draft RFP Project Documents as per the provisions of Clause 2.3.1)

ANNEXURE 20 - LIST FOR RFP PROJECT DOCUMENTS

ENCLOSURE 1: TRANSMISSION SERVICE AGREEMENT (Provided separately)

ENCLOSURE 2: SHARE PURCHASE AGREEMENT (Provided Separately)

……..

[To be inserted by the BPC]

ANNEXURE 21 - FORMAT FOR FINANCIAL BID

[To be uploaded online]

Quoted Transmission Charges ……..

Notes

1. The Bidders are required to ensure compliance with the provisions of Clause 2.5.3 of this RFP.

2. Quotes to be in Rupees Millions and shall be up to two (2) decimal points.

3. The contents of this format shall be clearly typed.

4. The Financial Bid shall be digitally signed by the authorized signatory in whose name power of attorney as per Clause 2.5.2 is issued.

5. Ensure only one value for annual Transmission Charges is quoted. The same charge shall be payable every year to TSP for the term of TSA.

ANNEXURE 22 – FORMAT FOR AFFIDAVIT

[On non-judicial stamp paper. Foreign companies submitting bids are required to follow the applicable law in their country]

AFFIDAVIT

We [including any of our Affiliate and Consortium Member & any of its Affiliate], hereby declare that as on Bid Deadline:

a. the Bidder & any of its Affiliate including any Consortium Member & any of its Affiliate, their directors or key personnel have not been barred or included in the blacklist by any government agency or authority in India, the government of the jurisdiction of the Bidder or Members where they are incorporated or the jurisdiction of their principal place of business, any international financial institution such as the World Bank Group, Asian Development Bank, African Development Bank, Inter-American Development Bank, Asian Infrastructure Investment Bank etc. or the United Nations or any of its agencies; or

b. the Bidder & any of its Affiliate including any Consortium Member & any of its Affiliate or their directors have not been convicted of any offence in India or abroad.

We further declare that following investigations are pending / no investigation is pending [strike off whichever is not applicable] against us [including any of our Consortium Member or Affiliate or Parent or Ultimate Parent or Affiliate] or CEO or any of our directors/ manager/key managerial personnel of the Applicant /Consortium Member or their Affiliates.

We further undertake to inform the BPC of any such matter as mentioned above on its occurrence after the date of this affidavit till the Effective Date.

We undertake that, in case, any information provided in relation to this affidavit is found incorrect at any time hereafter, our BID / Letter of Intent / contract (if entered) would stand rejected / recalled / terminated, as the case may be.

…….
Signature and Name of the authorized signatory of the Company Bidding Company / Lead Member of the Bidding Consortium

……..
(Signature of Notary Public)

Place:……
Date:……

Note: In case any investigation is pending against the Applicant, including any Consortium Member or Affiliate, or CEO or any of the directors/ manager/key managerial personnel of the Applicant /Consortium /Member or their Affiliates, full details of such

investigation including the name of the investigating agency, the charge/offence for which the investigation has been launched, name and designation of persons against whom the investigation has been launched and other relevant information should be disclosed under this affidavit.

ANNEXURE A

Technical Details with respect to electronic bidding

Registration Methodology

In order to submit online bids in the e-bidding process for selection of Transmission Service Provider, interested Bidders are required to register themselves with the e-procurement website of MSTC Limited namely www.mstcecommerce.com/eprochome/tsp/index.jsp. To register with the website, the Bidder is required to fill up the online form available under the link Register as Vendor in the above website and fill up the same and click on Submit.

During this process, the bidder shall create his user id and password and keep note of the same. The bidder shall ensure that the secrecy of his user id and password is maintained at all time and he/she shall alone be responsible for any misuse of the user id and password.

The bidder may check the details entered by it before final submission. On successful submission of the online registration Form, the bidder shall receive a confirmation mail in the registered email address advising the bidder to submit the following documents.

i. Self attested Income Tax PAN Card. In case of a registered Company or Firm, the Firm's PAN card and in case of a proprietorship firm, proprietor's personal PAN card is required. In case of partnership firm, PAN of the firm and that of the authorized partner are to be submitted.
ii. Copy of the confirmation email Letter received from MSTC after successful completion of on-line registration..
iii. A non refundable registration fee of Rs 10,000/- plus applicable GST to be paid online.

Please provide details of payment made like UTR No, remitting bank name, date of payment and amount in the covering letter.

The bidder shall have to submit all the above documents to MSTC Limited for verification and activation of their login ids. The bidders should send scanned copies of the above documents to the designated email id only which is given below.

tsp@mstcindia.co.in

It may be noted that bidders need not visit any of the offices of MSTC Limited for submission of the documents.

Contact persons of MSTC Limited: **Mr. Setu Dutt Sharma, 7878055855**

Once the complete set of documents and requisite registration fee are received from a bidder, MSTC shall activate the bidder's login after verification / scrutiny of the documents. MSTC Limited reserves the right to call for additional documents from the bidder if needed and the bidder shall be obliged to submit the same.
On completion of the above stated registration process, a bidder shall be able to login to MSTC's website.

ANNEXURE B

Draft Pre-Award Integrity Pact

[Can be suitably modified by BPC]

GENERAL

This pre-bid contract Agreement (herein after called the Integrity Pact) is made on …….. day of the month of ……. 20……., between, on one hand, ……. [Insert name of BPC] through Shri …….. [Insert Name & designation of representative of BPC] (hereinafter called the "Bid Process Coordinator/ BPC", which expression shall mean and include, unless the context otherwise requires, his successors in the office and assigns) of the First Part and M/s …… represented by Shri …….. [Insert Name & Designation of Authorized Signatory of the Bidder/ Lead Member of Consortium] (hereinafter called the "Bidder" which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the BPC is conducting the bidding process for selection of bidder as Transmission Service Provider (TSP) to develop Intra-State Transmission Project i.e. "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)", who will be responsible to set up the transmission project on build, own, operate and transfer (BOOT) basis and to provide Transmission Service.

WHEREAS the Bidder is a Private Company/Public Company/Government Undertaking/ Partnership, constituted in accordance with the relevant law in the matter and the BPC is a Public Sector Undertaking (PSU) performing its function on behalf of the Ministry of Power, Government of India.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings during the complete bidding process with a view to:-

Enabling the BPC to select the bidder as TSP in conformity with the defined procedures by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling Bidder to abstain from bribing or indulging in any corrupt practice in order to emerge as selected bidder by providing assurance to them that their competitors will also abstain from bribing and other practices and the BPC will commit to prevent corruption, in any form, by its officials by following transparent procedures.
The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Commitments of BPC

1.1 The BPC undertakes that no official of the BPC, connected directly or indirectly with the bidding process, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the bidding process in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

1.2 The BPC will, during the bidding stage, treat all bidders alike, and will provide to all bidders the same information and will not provide any such information to any particular bidder which could afford an advantage to that particular bidder in comparison to the other bidders.

1.3 All the officials of the BPC will report the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

2. In case of any such preceding misconduct on the part of such official(s) is reported by the Bidder to the BPC with the full and verifiable facts and the same is *prima facie* found to be correct by the BPC, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BPC and such a person shall be debarred from further dealings related to the bidding process. In such a case while an enquiry is being conducted by the BPC the proceedings under the bidding process would not be stalled.

Commitments of Bidder

3. The Bidder commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre award stage in order to emerge as Selected Bidder or in furtherance to secure it and in particular commits itself to the following:-

3.1 The Bidder will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BPC, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the bidding process in exchange for any advantage in the bidding, evaluation, contracting and implementation of the bidding process.

3.2 The Bidder further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BPC or otherwise in bidding process or for bearing to do or having done any act in relation to bidding process or any other contract with the

Government for showing or forbearing to show favour or disfavour to any person in relation to the bidding process or any other contract with the Government.

3.3 The Bidder shall disclose the name and address of agents and representatives and Indian Bidder shall disclose their foreign principals or associates.

3.4 The Bidder shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid .

3.5 The Bidder further confirms and declares to the BPC that the Bidder has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BPC or any of its functionaries, whether officially or unofficially for selection of Bidder as TSP, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

3.6 The Bidder, either while presenting the bid or during pre-award negotiations or before signing the Share Purchase Agreement, shall disclose any payments he has made, is committed to or intends to make to officials of the BPC or their family members, agents, brokers or any other intermediaries in connection with the bidding process and the details of services agreed upon for such payments.

3.7 The Bidder will not collude with other parties interested in the bidding process to impair the transparency, fairness and progress of the bidding process.

3.8 The Bidder will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

3.9 The Bidder shall not use improperly, for purpose of competition or personal gain, or pass on to others, any information provided by the BPC as part of the business relationship, regarding plans, technical proposal and business details, including information contained in any electronic data carrier. The Bidder also undertakes to exercise due and adequate care lest any such information is divulged.

3.10 The Bidder commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

3.11 The Bidder shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

3.12 The Bidder shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BPC.

4. Previous Transgression

4.1 The Bidder declares that no previous transgression occurred in the last three years

immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify Bidder's exclusion from the bidding process.

4.2 The Bidder agrees that if it makes incorrect statement on this subject, Bidder can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

5. Bid Bond (Security Deposit)

5.1 Along with the technical bid, the Bidder shall submit Bid Bond for an amount of Rs. ……. (as per the amount specified in Request for Proposal (RFP) Document) issued by …… [Insert Name of the Banks from the list provided in RFP Document] as Earnest Money/Security Deposit, with the BPC.

5.2 The Earnest Money/Security Deposit shall be valid & retained by the BPC for such period as specified in the RFP Document.

5.3 No interest shall be payable by the BPC to the Bidder on Earnest Money/Security Deposit for the period of its currency.

6. Sanctions for Violations

6.1 Any breach of the aforesaid provisions by the Bidder or any one employed by it or acting on its behalf (whether with or without the knowledge of the Bidder) shall entitle the BPC to take all or anyone of the following actions, wherever required:-

(i) To immediately call off the pre-award negotiations without assigning any reason or giving any compensation to the Bidder. However, the proceedings with the other Bidder (s) would continue.

(ii) The Bid Bond (in pre-award stage) shall stand forfeited either fully or partially, as decided by the BPC and the BPC shall not be required to assign any reason therefore.

(iii) To immediately cancel the award, if already awarded, without giving any compensation to the Bidder.

(iv) To cancel all or any other contracts with the Bidder. The Bidder shall be liable to pay compensation for any loss or damage to the BPC resulting from such cancellation/rescission.

(v) To debar the Bidder from participation in any tender or RFP issued by any BPC for an indefinite period.

(vi) To recover all sums paid in violation of this Pact by Bidder to any middleman or agent or broker with a view to securing the award.

6.2 The BPC will be entitled to take all or any of the actions mentioned at para 6.1 (i) to (vi) of this Pact also on the Commission by the Bidder or anyone employed by it or acting on its behalf (whether with or without the knowledge of the Bidder), of an offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

6.3 The decision of the BPC to the effect that a breach of the provisions of this Pact has been committed by the Bidder shall be final and conclusive on the Bidder. However, the Bidder can approach the Independent Monitor(s) appointed for the purposes of this Pact.

7. Independent Monitors

7.1 The BPC has appointed Independent Monitors (hereinafter referred to as Monitors) for this Pact in consultation with the Central Vigilance Commission (Names and Addresses of the Monitors to be given).

1. Smt. Sobhana Kamala Sudarsana Rao IFS (Retd), Procurement and Contract Management (PCM) Division, REC Limited, I-4, Sector-29, Gurugram, Haryana, INDIA, mail: sobhanarao[at]yahoo[dot]co[dot]in.
2. Shri. Hareshwar Sharma IRS (Retd), Procurement and Contract Management (PCM) Division, REC Limited, I-4, Sector-29, Gurugram, Haryana, INDIA, mail: hareshwarsharma62[at]gmail[dot]com.
3. Shri. Sanjay Chander IPS (Retd), Procurement and Contract Management (PCM) Division, REC Limited, I-4, Sector-29, Gurugram, Haryana, INDIA, mail: dgrpf1963[at]gmail[dot]com.

7.2 The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

7.3 The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

7.4 Both the parties accept that the Monitors have the right to access all the documents relating to the project/procurement, including minutes of meetings.

7.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the BPC.

7.6 The Bidder accepts that the Monitors has the right to access without restriction to all Project documentation of the BPC including that provided by the Bidder. The Monitor shall be under contractual obligation to treat the information and documents of the Bidder /Subcontractors(s) with confidentially. [As all the bid documents are with BPC

only]

7.7 The BPC will provide to the Monitors sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the monitor the option to participate in such meetings.

7.8 The Monitor will submit a written report to the designated Authority of the BPC/Secretary in the Department within 8 to 10 weeks from the date of reference or intimation to him by the BPC / Bidder and, should the occasion arise, submit proposals for correcting problematic situations.

8. Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BPC or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder and the Bidder shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

9. Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the BPC.

10. Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the any extent law in force relating to any civil or criminal proceedings.

11. Validity

11.1 The validity of this Integrity Pact shall be from date of its signing and upto 6 months from the date of transfer of project specific SPV i.e. signing of Share Purchase Agreement with BPC. In case Bidder is unsuccessful, this Integrity Pact shall expire after 15 days from the date of transfer of project specific SPV to successful bidder.

11.2 Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact shall remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

12. The Parties hereby sign this Integrity Pact at on _____

Bid Process Coordinator (BPC)	BIDDER
Name of the Officer Designation Name of the BPC with address Witness: 1._____ 2. _____	Name of Whole time Director/Authorized Signatory Name of the Bidder with address Witness: 1._____ 2. _____

ANNEXURE C

Technical Specifications of Transmission System

A. SPECIFIC TECHNICAL REQUIREMENTS FOR TRANSMISSION LINES

A.1.0 The design, routing and construction of transmission lines shall be in accordance with Chapter V, Part A of CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations 2022, as amended from time to time. Other CEA Regulations and MoP guidelines, as applicable, shall also be followed.

A.2.0 Selection of tower type shall be made as per CEA Regulations, however in case lattice type towers are used, the following shall also be applicable:

A.2.1 Steel section of grade E 250 and/or grade E 350 as per IS 2062, only are permitted for use in towers, extensions, gantry structures and stub setting templates. For towers in snowbound areas, steel sections shall conform to Grade-C of IS-2062.

A.2.2 Towers shall be designed as per IS-802:2015, however the drag coefficient of the tower shall be as follows: -

Solidity Ratio	Drag Coefficient
Up to 0.05	3.6
0.1	3.4
0.2	2.9
0.3	2.5
0.4	2.2
0.5 and above	2.0

A.3.0 Transmission Service Provider (TSP) shall adopt any additional loading/design criteria for ensuring reliability of the line, if so desired and /or deemed necessary.

A.4.0 Transmission line shall be designed considering wind zones as specified in wind map given in National Building Code 2016, Vol.1. The developer shall also make his own assessment of local wind conditions and frequent occurrences of high intensity winds (HIW) due to thunderstorms, dust-storms, downburst etc. along the line route and wherever required, higher wind zone than that given in wind map shall be considered for tower design for ensuring reliability of line. Further, for transmission line sections passing within a distance of 50 km from the boundary of two wind zones, higher of the two wind zones shall be considered for design of towers located in such sections.

A.5.0 Selection of reliability level for design of tower shall be as per CEA Regulation (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations 2022, as amended from time to time.

A.6.0 For power line crossings, following should be followed:

a. Under crossing of the existing transmission line of same Voltage shall not be allowed. In the case where it is inevitable to under-cross the existing transmission line then TSP shall seek prior approval from Chief Electrical Inspector, CEA with detailed study ensuring that all statutory electrical clearances and Electric Field limit of 10 kV/m at 1 m and 1.8 m from ground level is not violated.

b. For power line crossing of 400 kV or above voltage level, large angle and dead end towers (i.e. D/DD/QD) shall be used on either side of power line crossing.

c. For power line crossing of 132 kV and 220 kV (or 230 kV) voltage level, angle towers (B/C/D/DB/DC/DD/QB/QC/QD) shall be used on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement.

d. For power line crossing of 66 kV and below voltage level, suspension/tension towers shall be provided on either side of power line crossing depending upon the merit of theprevailing site condition and line deviation requirement.

e. For crossing of railways, national highways and state highways, the rules/regulations of appropriate authorities shall be followed.

A.7.0 The relevant conductor configuration shall be as follows: -

(a) For all 400 kV lines under present scope

Type of conductor: ACSR / AAAC / AL59

Transmission line	**ACSR Conductor specified**	**EquivalentAAAC conductor based on 53% conductivity of Al Alloy**	**Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy***	**Sub-conductor Spacing**
400 kV D/C (Quad Bundle) transmission lines	**Moose: Stranding** 54/3.53mm-Al + 7/3.53 mm- Steel, 31.77 mm diameter 528.5 mm^2, Aluminium area, Maximum DC Resistance at	**Stranding details:** 61/3.55(61/3.66) mm 31.95 (32.94) mm diameter; 604 (640) mm^2 Aluminium alloy area	**Stranding details:** 61/3.31mm 29.79 mm diameter; 525 mm^2 Aluminium alloyarea Maximum DC Resistance at 20°C (Ω/km): 0.0566	457 mm

Transmission line	ACSR Conductor specified	EquivalentAAAC conductor based on 53% conductivity of Al Alloy	Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy*	Sub-conductor Spacing
	20°C (Ω/km): 0.05552 Minimum UTS: 161.20 kN	Maximum DC Resistance at 20°C (Ω/km): 0.05506 (0.0534) Minimum UTS: 159.80 (178.43) kN	Minimum UTS: 124.70 kN	

(b) For all 200 kV lines under present scope

Transmission line	ACSR Conductor specified	Equivalent AAAC conductor based on 53% conductivity of Al Alloy	Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy*	Sub-conductor Spacing
220 kV D/C (Zebra) transmission lines	Zebra: Stranding 54/3.18 mm-Al + 7/3.18 mm-Steel, 428 sq mm, Aluminium area, 28.62 mm diameter	Stranding Details: 61/3.19 mm 28.71 mm diameter; 487.5 sq.mm Aluminum alloy area	Stranding Details: 61/3.08 mm 27.7 mm diameter; 454 sq.mm Aluminium alloy area	NA

(c) For all 132 kV lines under present scope

Transmission line	ACSR Conductor specified	Equivalent AAAC conductor based on 53% conductivity of Al Alloy	Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy*	Sub- conductor Spacing
132 kV D/C (Panther) transmission lines	**Panther : Stranding** 30/3.0mm-Al + 7/3.0 mm- Steel, 21.00 mm diameter	**Stranding details:** 37/3.15mm, 22.05mm diameter;	**Stranding details:** 37/3.08 mm, 21.56 mm diameter; 275.66 sq. mm, Aluminium alloy area	NA

	212.05 sq mm, Aluminium area, Maximum DC Resistance at 20°C (Ω/km): 0.1390 Minimum UTS : 89.67 kN	288.3 sq. mm, Aluminium alloy area Maximum DC Resistance at 20°C (Ω/km) : 0.1182 Minimum UTS : 84.71 kN	Maximum DC Resistance at 20°C (Ω/km) : 0.1075 Minimum UTS : 66.47 kN	

Note: *1. To select any size above the minimum, the sizes mentioned in the relevant Indian standard i.e. IS-398 (part-6) shall be followed.

2. The transmission lines shall have to be designed for a maximum operating conductor temperature of 85 deg C.

A.8.0 The required phase to phase spacing and horizontal spacing for 400 kV line shall be governed by the tower design as well as minimum live metal clearances for 400 kV voltage level under different insulator swing angles. However, the phase to phase spacing for 400 kV lines shall not be less than 8 m.

A.9.0 All electrical clearances including minimum live metal clearance, ground clearance and minimum mid span separation between earth wire and conductor as given below shall be considered.

I. <u>Minimum live metal clearances for 400 kV line:</u>

a) (i) Under stationary conditions:

From tower body: 3.05 m

(ii) Under Swing conditions

Wind Pressure Condition	Minimum Electrical Clearance
a) Swing angle (22º)	3.05 m
b) Swing angle (44º)	1.86 m

b) Minimum ground clearance for 400 kV line: 8.84 m

c) Minimum mid span separation between earth wire and conductor for 400 kV line: 9.0 m

II. Minimum live metal clearances for 220 kV line:

(a) <u>Under stationary conditions</u>

From tower body: 2.13 m

(b) Under swing conditions

Wind pressure Condition	Minimum electrical clearance
a) Swing angle (15º)	1.98 m
b) Swing angle (30º)	1.83 m
c) Swing angle (45º)	1.675 m

(c) Minimum ground clearance: 7.015 m

(d) Minimum mid span separation between earth-wire and conductor: 8.5 m

III. Minimum live metal clearances for 132 kV line:

(a) Under stationary conditions

From tower body: 1.53 m

(b) Under swing conditions

Wind pressure Condition	Minimum electrical clearance
a) Swing angle (15º)	1.53 m
b) Swing angle (30º)	1.37 m
c) Swing angle (45º)	1.22 m
d) Swing angle (60º)	1.07 m

(c) Minimum ground clearance: 6.1 m

(d) Minimum mid span separation between earth-wire and conductor: 6.1 m

A.10.0 Shielding angle shall not exceed 20 deg for 400 kV D/C Line transmission line and shall not exceed 30 deg for 220 kV & 132 kV transmission lines.

A.10.01 Transposition is to be done for all transmission lines whose length is greater than 100 km. Transposition should be carried out at 1/3 and 2/3 of line length tower positions. Transposition of the transmission line after construction of LILO shall be maintained by developer.

A.11.0 The Fault current for design of line shall be 63 kA for 1 sec for 400 Kv, 50kA for 1sec for 220kV & 40kA for 1 sec for 132kV.

A.12.0 In case of 400 kV voltage class lines, at least one out of two earth wires shall be OPGW and second earth wire, if not OPGW, shall be either of galvanized stranded steel (GSS) or Aluminum Alloy Conductor Steel Reinforced (AACSR) conductor type or any other suitable conductor type depending upon span length and other technical consideration.

In case of 220 kV and 132 kV voltage class transmission lines support towers with single peak, only one OPGW has to be installed.

A.13.0 Each tower shall be earthed such that tower footing impedance does not exceed 10 ohms. Pipe type or Counterpoise type earthing shall be provided in accordance with relevant IS. Additional earthing shall be provided on every 7 to 8 kms distance for direct earthing of

both shield wires. If site condition demands, multiple earthing or use of earthing enhancement compound shall be used.

A.14.0 Pile type foundation shall be used for towers located in river or creek bed or on bank of river having scourable strata or in areas where river flow or change in river course is anticipated, based on detailed soil investigation and previous years' maximum flood discharge of the river, maximum velocity of water, highest flood level, scour depth and anticipated change in course of river based on river morphology data of at least past 20 years to ensure availability and reliability of the transmission line.

A.15.0 Transmission line route shall be finalized, in consultation with appropriate authorities so as to avoid the habitant zones of endangered species and other protected species. Bird diverters, wherever required, shall be provided on the line.

A.16.0 Wherever, transmission lines are passing through cyclone prone areas i.e. areas up to 60 km from coast following shall also be applicable:

a) Terrain category-I, with terrain roughness factor (K2) of 1.08 shall be considered for tower design for exposed open terrain with few or no obstruction which also includes open sea coasts, open stretch of water, desert and flat treeless plains.

b) Importance factor for cyclonic region (K4) of 1.3 shall be considered for tower design.

c) The number of consecutive spans between the section points/ angle point shall not exceed 10 spans or 3 km instead of conventional practice of 15 spans or 5 km, in order to reduce the failure of such towers in coastal areas due to cascading effect. The section shall be terminated with tension tower/ angle tower and angle of deviation should be based on the site requirement.

A.17.0 Wherever, transmission lines are passing through cyclone prone areas (i.e. areas up to 60 km from coast)/ creek regions/ aggressive soil areas following shall also be applicable:

a) The fabricated tower parts and stubs shall have a minimum overall zinc coating of 900 g/m^2 of surface area except for plates and sections below 5 mm which shall have a minimum overall zinc coating of 610 g/m^2 of surface area. The average zinc coating for all sections and plates 5 mm and above shall be maintained as 127 microns and that for plates and sections below 5 mm shall be maintained as 87 microns.

b) Ready mix concrete of M30 Grade shall be used to avoid use of locally available saline water. However, design mix concrete of M30 Grade conforming to IS 456 with potable water can be used at locations where transportation of ready-mix concrete is not feasible. Minimum cement content in any case shall not be less than 330 kg/m^3.

c) The surface of the reinforced steel shall be treated with epoxy-based coating to enhance corrosion performance of foundation. Use of epoxy coated

reinforcement in foundation shall be as per IS 13620. In addition, two (2) coats of bituminous painting of minimum 1.6 kg/m^2 per coat shall be applied on all exposed faces of foundation (i.e. pedestal and base slab).

d) Double coat of 20 mm thick cement plaster shall be provided on all exposed concrete surface as well up to 300 mm below ground level to give protection to concrete surface from environmental and saline effect.

e) Before coping of chimney top portion, three coats of anti-corrosive paint of minimum 30-35 microns dry film thickness each shall be applied on the stub in the 50 mm coping portion as well as up to 350 mm above CL portion.

A.18.0 The raised chimney foundation is to be provided in areas prone to flooding/water stagnation like paddy field /agricultural field and undulated areas to avoid direct contact of water with steel part of tower. The top of the chimney of foundation should be at least above HFL (High Flood Level) or the historical water stagnation/ logging level (based on locally available data) or above High Tide Level or 500 mm above Natural Ground level (whichever is higher).

A.19.0 Routing of transmission line through protected areas of India shall be avoided to the extent possible. In case, it is not possible to avoid protected areas, the towers of the transmission line up to 400 kV level which are installed in protected areas shall be designed for Multi-circuit (4 circuits) configuration of same voltage level considering reliability level of at least two (2). The top two circuits of these multi-circuit towers shall be used for stringing of the transmission line under present scope and the bottom two circuits shall be made available for stringing of any future transmission line of any transmission service providers/ State transmission utilities/Central transmission utilities passing through the same protected area. Further, the configuration and coordinates of such transmission towers shall be submitted to STU/CTU and BPC by the TSP.

A.20.0 The TSP shall abide by the Guidelines of CEA w.r.t. shifting of transmission lines for NHAI projects and other projects.

A.21.0 Safety precautions in regard to gas/oil pipe lines in vicinity of Transmission lines shall be taken in coordination with gas/ petroleum authorities.

B. SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION

The proposed 400/220/132kV Sakoli S/s shall be AIS generally conforming to the requirements of CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations 2022, as amended from time to time.

Other CEA Regulations/guidelines as amended up to date and MoP guidelines, as applicable, shall also be followed.

LOCATION DETAILS OF EXISTING / PROPOSED SUBSTATIONS:

a) 400/220/132 kV AIS Sakoli (Proposed) - New substation which is to be implemented under present scheme. : Lattitude-20°57'24.19"N, Longitude-79°50'34.72"E

b) 132 kV Sakoli (Existing) : Latitude- 21°05'24.9"N, Longitude-80°00'02.2"E

c) 132 kV Morgaon Arjuni (Existing): Latitude-20°49'09.3"N, Longitude-80°00'56.2"E

Note: *The above coordinates/location of substation indicated is approximate in the substation area. Exact coordinates for the corresponding bays/gantry for termination of the respective line may be verified and finalized in coordination with actual site.*

Other CEA Regulations/guidelines as amended up to date and MoP guidelines, as applicable, shall also be followed.

B.1.0 Salient features of Substation Equipment and Facilities

The design and specification of substation equipment are to be governed by the following factors:

B.1.1 Insulation Coordination

The system design parameters for substations/switchyards shall be as given below:

Sl. No	Description of Parameters	400/220/132 kV Sakoli		
		400 kV System	**220 kV System**	**132 kV System**
1.	System Operating Voltage	400 kV	220 kV	132 KV
2.	Maximum voltage of the system (rms)	420 kV	245 kV	145KV
3.	Rated Frequency	50 Hz	50 Hz	50 Hz
4.	No. of Phases	3	3	3
5.	Rated Insulation Levels			

Sl. No	Description of Parameters	400/220/132 kV Sakoli		
		400 kV System	**220 kV System**	**132 kV System**
i)	Lightning Impulse withstand voltage for (1.2/50 micro sec.) - for Equipment other than Transformer and Reactors - for Insulator String	1425 kVp 1550 kVp	1050 kVp 1050 kVp	650 kVp 650 kVp
ii)	Switching Impulse withstand voltage (250/2500 micro sec.) dry and wet	1050 kVp	460 kVp	-
iii)	One minute power frequency dry withstand voltage (rms)	630 kV		
iv)	One minute power frequency dry and wet withstand voltage (rms)			
6.	Corona Extinction Voltage	320 kV	156 kV	105 kV
7.	Max. radio interference voltage for frequency between 0.5 MHz and 2 MHz	1000 micro-volts at 266 kV rms	1000 micro-volts at 156 kV rms	1000 micro- volts at 266 kV rms
8.	Minimum creepage distance for insulator string/ longrod insulators/ outdoor bushings	13020 mm (31 mm/kV)	7595 mm (31 mm/kV)	4495mm (31 mm/kV)
9.	Minimum creepage distance for switchyard equipment	10500 mm (25 mm/kV)	6125 mm (25 mm/kV)	3625mm (25 mm/kV)
10.	Max. Fault Current	63 kA	50 kA	40KA
11.	Duration of fault	1 sec	1 Sec	1 sec

B.1.2 Switching Scheme

The switching schemes, as mentioned below, shall be adopted at various voltage levels of substation/switchyard:

Voltage/Type of Substation AIS	400 kV	220 kV	132 kV
400/220/132 kV Sakoli	One and Half breaker	Double main and Transfer	Double Main and Transfer

Notes: -

i) *For one and half breaker switching scheme, any double circuit line consisting of two numbers feeders and originating from the same transmission or generating switchyard shall not be terminated in one diameter.*

ii) *Two transformers of same HV rating shall not be connected in the same diameter and similarly two bus reactors of same HV rating shall also not be connected in the same diameter.*

iii) *A diameter in one and half breaker scheme is a set of 3 circuit breakers with associated isolators, earth switches, current transformers etc. for controlling of 2 numbers feeders.*

iv) *Connection arrangement of Switchable Line reactors shall be such that it can be used as Line reactor as well as Bus reactor with suitable NGR bypass arrangement.*

v) *Space for 400 kV, 220 kV & 132 kV future line bays shall be kept considering provision of switchable line reactors*

vi) *TSP shall plan distribution of line and transformer feeders to bus bar in such a way that all power can be evacuated successfully without crossing thermal limit at any point of bus-bar.*

vii) *For AIS type substation, TSP shall keep space provisions for future elements such that interconnection arrangement to the corresponding future bays can be done with overhead AIS type connection without any cable/ GIS duct.*

viii) *TSP shall plan connectivity of lines and transformers to bus bar in such a way that all power can be evacuated successfully without crossing the thermal limit at any point.*

ix) ***400/220/132 kV AIS Sakoli*** *:*

400 kV bay configurations (one and half breaker scheme) shall be as follows:

Configuration	Number of Bays (1-1/2 CB system)
a) ICT bay- Tie- Line bay b) Bus Reactor – Tie- future space* c) Space Provision for Future ICT* – Tie- future Space*	4 (four) 1 (One) 1 (One)

220 kV bay configurations (Double main & Transfer bus scheme) shall be as follows:

Configuration	Number of Bays (Double Main & Transfer bus System)
Main–I ICT Bay Line Bay main –II ICT Bay Line Bay	 01 No. 01 No. 01 No. 01 No.

132 kV bay configurations (Double main bus scheme) shall be as follows:

Configuration	Number of Bays (Double Main bus System)
Main Bus-I a) ICT Bay b) 132 kV line bays c) Space provision for Future ICT* Main Bus-II d) ICT Bay e) 132 kV line bays	 1 (One) 3 (Three) 1 (One) 1 (One) 3 (Three)

B.2.0 Substation Equipment and facilities (Voltage level as applicable):

The switchgear shall be designed and specified to withstand operating conditions and duty requirements. All equipment shall be designed considering the following capacity.

Sl.No	Description of bay	400/220/132 kV Sakoli		
		400 kV	**220 kV**	**132 KV**
1.	Bus Bar	4000 A	3000 A	3000 A
2.	Line bay	3150 A	1600 A	2000 A
3.	ICT bay	3150 A	1600 A	2000 A
4.	Bus Reactor Bay	3150 A	N/A	N/A
5.	Bus Coupler Bay	N/A	3000 A	3000 A
6.	Transfer Bus coupler bay	N/A	1600 A	2000 A

B.2.1 Power Transformers

B.2.1.1 Autotransformer

500 MVA, 400 /220 kV and 315 MVA, 400/132 kV, 3-Phase Auto Transformer shall conform to CEA's "Standard Specifications and Technical Parameters for Transformers and Reactors (66 kV and above)" available on CEA website.

B.2.2 Shunt Reactors

B.2.2.1 420 kV, 3-Phase, Shunt Reactor

125 MVAR, 420 KV, 3-Phase Reactor shall conform to CEA's "Standard Specifications and Technical Parameters for Transformers and Reactors available on CEA website.

B.2.3 400 kV, 220 kV and 132kV AIS Substation equipment (as applicable)

B.2.3.1 Circuit Breakers (AIS)

The circuit breakers and accessories shall conform to IEC: 62271-100, IEC: 62271-1 and shall be of SF6 Type. The circuit breakers shall be of class C2-M2 (as per IEC) with regard to restrike probability during capacitive current breaking and mechanical endurance. The rated break time shall not exceed 40 ms for 400 (420) kV circuit breakers, 60 ms for 220 kV &132 kV circuit breakers. 400 (420) kV and 220 kV Circuit breakers shall be provided with single phase and three phase auto reclosing. Each breaker would have two sets of trip circuits which would be connected to separate DC supplies for greater reliability. The Circuit breakers controlling 400 kV lines shall be provided with pre insertion closing resistor of about 400 ohms with 8 ms insertion time or Controlled Switching Device (CSD) for lines longer than 200 km. The short line fault capacity shall be same as the rated capacity and this is proposed to be achieved without use of opening resistors. The controlled switching device shall be provided in Circuit breakers of switchable line reactor bay and in Main and Tie bay circuit breakers of line with non-switchable line reactors, Bus reactors and Transformers of voltage class 400 kV and above.

B.2.3.2 Isolators (AIS)

The isolators shall comply with IEC 62271-102 in general. 400 kV and 220 kV isolators shall be double break type. All Isolators and earth switches shall be motor operated. Earth switches shall be provided at various locations to facilitate maintenance. Isolator rated for 400 kV, 220 kV,132 kV shall be of extended mechanical endurance class - M2 as per IEC-62271-102. Isolator rated for 220 kV shall be suitable for bus transfer current switching duty as per IEC-62271-102. Main blades and earth blades shall be interlocked and interlock shall be fail safe type. 400 kV, 220 kV, 132 kV earth switch for line isolator shall be suitable for induced current switching duty as defined for Class-B.

B.2.3.3 Current Transformers (AIS)

Current Transformers shall comply with IEC 61869 in general. All ratios shall be obtained by secondary taps only. Generally, Current Transformers (CT) for 400 kV shall have six

cores (four for protection and two for metering) and 220 kV Current Transformers shall have five cores (four for protection and one for metering). The burden and knee point voltage shall be in accordance with the requirements of the system including possible feeds for telemetry. The accuracy class for protection core shall be PX and for metering core it shall be 0.2S. The rated burden of cores shall be closer to the maximum burden requirement of metering and protection system (not more than 20 VA for metering core) for better sensitivity and accuracy. The instrument security factor shall be less than 5 for CTs up to 400 kV voltage class.

B.2.3.4 Capacitive Voltage Transformers (AIS)

Capacitive Voltage Transformers shall comply with IEC 61869 in general. These shall have three secondaries out of which two shall be used for protection and one for metering. The accuracy class for protection cores shall be 3P and for metering core shall be 0.2. The Capacitive Voltage Transformers on lines shall be suitable for Carrier Coupling. The Capacitance of CVT for 400 kV and 220 kV shall be of 4400/8800 pF depending on PLCC requirements. The rated burden of cores shall be closer to the maximum burden requirement of metering and protection system (not more than 50 VA for metering core) for better sensitivity and accuracy.

B.2.3.5 Surge Arresters (AIS)

336 kV Station High (SH) duty and 216 kV Station Medium (SM) duty gapless type Surge Arresters with thermal energy (W_{th}) of minimum 12 kJ/kV and 7 kJ/kV conforming to IEC 60099-4 in general shall be provided for 400 kV and 220 kV systems respectively. Other characteristics of Surge Arrester shall be chosen in accordance with system requirements. Surge arresters shall be provided at line entrances near Transformers and Reactors so as to achieve proper insulation coordination. Surge Arresters shall be provided with porcelain/ polymer housing fitted with pressure relief devices. A leakage current monitor with surge counter shall be provided with each surge arrester.

B.2.4 Protection Relaying and Control System

The protective relaying system proposed to be provided for transmission lines, auto-transformers, reactors and bus bars to minimize the damage to the equipment in the events of faults and abnormal conditions, is dealt in this section. All main protective relays shall be numerical type with IEC 61850 (Edition-II) communication interface. All numerical relays shall have built in disturbance recording feature. The auto transformer protection should be provided with two no. differential relays of different make & algorithm.

The protection circuits and relays of transformer and reactor shall be electrically and physically segregated into two groups each being independent and capable of providing uninterrupted protection even in the event of one of the protection groups failing, to obtain redundancy, and to take protection systems out for maintenance while the equipment remains in service.

a) Transmission Lines Protection

400kV and 220kV lines shall have MAIN-I numerical four zones distance protection scheme with carrier aided inter-tripping feature. The fourth zone shall be the reverse zone. 400 kV and 220 kV lines shall also have MAIN-II numerical distance protection scheme like Main-I but from different make that of MAIN-I. 132kV lines shall have MAIN-I numerical four zones distance protection scheme with carrier aided inter-tripping feature. The fourth zone shall be the reverse zone. 132 kV lines shall also have independent back up over current & earth fault protection. However, Line Current Differential relay (with back up distance protection feature) as Main–I & Main-II may be considered, for short lines (line length less than 10 KM) having Fibre Optic communication link for which line differential relay have to be arrange by Transmission Service Provider (TSP) for remote end also. In case of loop in loop out of transmission lines, the existing protection scheme shall be studied and suitable up-gradation (if required) shall be carried out. The Main-I and Main-II protection relays of same make may be provided only if they are of different hardware, manufacturing platform or different principle of operation. Associated power & control cabling and integration with SAS at remote end shall be provided by respective bay owner. All 400kV lines shall also be provided with two stages over voltage protection. Further, all 400kV & 220kV lines shall be provided with single and three phase auto-reclosing facility to allow reclosing of circuit breakers in case of transient faults. 132kV lines should not have auto-reclosing facility. These lines shall also be provided with distance to fault locators to identify the location of fault on transmission lines.

Over voltage protection & distance to fault locator may be provided as in-built feature of Main-I & Main-II protection relays. Auto reclose as built in function of Bay Control Unit (BCU) is also acceptable.

The Main-I and Main-II protection relays shall be fed from separate DC sources and shall be mounted in separate panels. For 400kV, 220kV and 132kV transmission lines, directional IDMT earth fault relay should be provided as standalone unit or in-built feature of Main-I and Main -II feature.

b) Auto Transformer Protection

These shall have the following protections:

i) Numerical Differential Protection

(400/220 KV and 220/132 KV ICTs shall have two differential protection relays. The second differential relay shall be provided on IV side C&R panel to avoid congestion on HV side C&R panel. The differential relay shall have different make and algorithm.)

ii) Numerical Restricted Earth Fault Protection

iii) Numerical Back-up Directional Over-Current and Earth Fault Protection on High Voltage (HV) and Intermediate Voltage (IV) side

iv) Numerical Over Fluxing Protection on HV and IV side

v) Numerical Overload Alarm

Further, numerical back-up over-current and earth fault protection on HV and IV side of autotransformer shall not be combined with other protective functions in the main relays

and shall be independent relays. Besides these, power transformers shall also be provided with Buchholz relay, Magnetic Oil Gauge (MOG) with low oil level alarm, protection against high oil and winding temperature and pressure relief device etc.

Suitable monitoring, control (operation of associated circuit breaker and isolator) and protection for LT auxiliary transformer connected to tertiary winding of auto-transformer for the purpose of auxiliary supply shall be provided. The over current and other necessary protection shall be provided for the auxiliary transformer. These protection and control may be provided as built in feature either in the bay controller to be provided for the auxiliary system or in the control and protection IEDs to be provided for autotransformer.

c) 400 kV Reactor Protection

Reactor shall be provided with the following protections:

i) Numerical Differential Protection.

ii) Numerical Restricted Earth Fault Protection

iii) Numerical Back-up Impedance Protection

Besides these, reactors shall also be provided with Buchholz relay, Magnetic Oil Gauge (MOG) with low oil level alarm, protection against oil and winding temperatures and pressure relief device, etc.

d) Bus Bar Protection

The high speed low impedance type bus bar differential protection, which is essential to minimize the damage and maintain system stability at the time of bus bar faults, shall be provided for 400 kV, 220 and 132 kV buses. Duplicated bus bar protection is envisaged for 400 kV bus-bar protection. Bus bar protection scheme shall be such that it operates selectively for each bus and incorporates the necessary features required for ensuring security.

Bus Bar protection system for new substation shall be de-centralized (distributed) type.

The scheme shall have complete bus bar protection for present as well as envisaged future bays i.e. input / output modules for future bays for the bus sections under present scope and PUs shall be provided by the respective bay owners.

In case the bus section is provided, then each side of bus section shall have separate set of bus-bar protection schemes.

For existing substations, the existing bus bar protection shall be augmented as per requirement.

e) Local Breaker Back-up Protection

This shall be provided for each 400 kV , 220kV and 132 kV circuit breakers and will be connected to de-energize the affected stuck breaker from both sides.

Notes:

1. *LBB and REF relays shall be provided separately from transformer differential relay.*
2. *LBB relay may also be provided as built-in protection function of distributed bus bar protection scheme; however, in such case separate LBB relay shall be provided for tie bays (in case of One and Half breaker scheme).*
3. *Over fluxing and overload protection can be provided as built-in feature of differential relay.*
4. *In 400 kV switchyard, if spare bay of half diameter is identified as future, Tie CB relay panel shall be with Auto-reclosure feature.*

B.2.5 Substation Automation System

a) For all the new substations, state of art Substation Automation System (SAS) conforming to IEC-61850 shall be provided. The distributed architecture shall be used for Substation Automation System, where the controls shall be provided through Bay control units. The Bay control unit is to be provided bay wise for voltage level 400 kV,220 kV & 132 kV and above. All bay control units as well as protection units are normally connected through an Optical fiber high speed network. The control and monitoring of circuit breaker, dis-connector, re-setting of relays etc. can be done from Human Machine Interface (HMI) from the control room.

The functions of control, annunciation, disturbance recording, event logging and measurement of electrical parameters shall be integrated in the Substation Automation System.

At new substations, the Substation Automation System (SAS) shall be suitable for the operation and monitoring of the complete substation including proposed future bays/elements.

In the existing substations with a Substation Automation System (SAS), augmentation of existing SAS shall be done for bays under the present scope.

In the existing Substations where substation automation is not provided, control functions shall be done through control panels.

Necessary gateway and modems (as required) shall be provided to send data to RLDC/SLDC as per their requirement and shall be provisioned with 2+2 redundancy i.e. 2 channels for Main Control Centre and 2 channels for Backup Control Centre. In order to meet this requirement, suitable redundancy at port and card level need to be ensured by the TSP to avoid any single point of failure which may lead to interruption in real-time grid operation. Accordingly, all the hardware for communication services of station as stated above shall support dual redundancy for data transmission of station to respective main and backup RLDCs. Any augmentation work at RLDC/SLDC is excluded from TSP's scope. However, all the configuration work at substation end required to send data to RLDC/SLDC shall be in the scope of TSP.

b) Time Synchronization Equipment

Time synchronization equipment complete in all respects including antenna, cable and processing equipment required to receive time signal through GPS or from National Physical Laboratory (NPL) through INSAT shall be provided at new substations. This equipment shall be used to synchronize SAS and IEDs etc.

B.3.0 Substation Support Facilities

Certain facilities required for the operation and maintenance of substations as described below shall be provided at the new substation. In existing substation, these facilities have already been provided and will be extended/ augmented as per requirement.

B.3.1 AC and DC power supplies

For catering the requirements of three phase and single phase AC supply and DC supply for various substation equipment (for present and future scope), the following arrangement is envisaged:-

(i) For LT Supply at each new Substation, two (2) Nos. of auxiliary Transformers (minimum 630 kVA for substations with highest voltage rating as 400 kV) shall be provided which shall be fed from two independent sources as per the CEA (Technical Standards for Connectivity to the Grid) Regulations, 2007.

Metering arrangement with Special Energy Meters (SEMs) shall be provided by TSP at 33 kV tertiary of Transformer for drawing auxiliary supply at new substation.Such SEMs shall be provided by STU at the cost of the TSP. Accounting of such energy drawn by the TSP shall be done by SLDC as part of Regional Energy Accounting.

Additionally, Active Energy Meters may be provided at the same point in the 33 kV tertiary of Transformer by local DISCOM for energy accounting.

(ii) 2 sets of 220 V battery banks for control and protection and 2 sets of 48 V battery banks for PLCC/ communication equipment shall be provided at each new Substation. Each battery bank shall have a float-cum-boost charger.

At new substation, sizing of 220 V battery and battery charger shall be done based on the number of bays specified (including future bays) as per CEA Regulations and relevant IS. Two (2) sets of 48 V battery banks for PLCC and communication equipment for present and future scope shall be provided at each new Substation with at least 10-hour battery backup and extended backup, if required. 48 V DC can be achieved from 220 V DC battery bank using adapter, if so desired by TSP, without compromising backup time.

(iii) Suitable AC and DC distribution boards and associated LT Switchgear shall be provided at new substation.

For new substation, following switch boards shall be considered with duplicate supply with bus coupler/ sectionalizer and duplicate outgoing feeders except for Emergency lighting distribution board which shall have only one incoming feeder:

(a) 415 V Main Switch board – 1 No.
(b) AC distribution board – 1 No.
(c) Main lighting distribution board – 1 No.
(d) Emergency lighting distribution board – 1 No.
(e) 220 Volt DC distribution board – 2 Nos.
(f) 48 Volt DC distribution board – 2 Nos.

Sizing of LT Switchgear shall be suitable to cater the requirement for all present and future bays. AC and DC distribution boards shall have equipped modules for all the feeders (including future as specified).

(iv) At new Substation, one No. of DG set (minimum 250 kVA for substations with highest voltage rating as 400 kV) shall be provided for emergency applications.

(v) At new substation, sizing of battery and battery charger shall be done based on the number of bays specified (including future bays).

(vi) For substation extensions, existing facilities shall be augmented as required.

B.3.2 Fire Fighting System

Fire-fighting system for substation including Transformer and Reactor shall conform to CEA (Measures Relating to Safety and Electric Supply) Regulations, 2023 as amended from time to time.

Further, adequate water hydrants and portable fire extinguishers shall be provided in the substations. The main header of the firefighting system shall be suitable for extension to bays covered under the future scope; necessary piping interface in this regard shall be provided.

At existing substations, the fire-fighting systems as available shall be extended to meet the additional requirements.

B.3.3 Oil Evacuating, Filtering, Testing and Filling apparatus

To monitor the quality of oil for satisfactory performance of transformers, shunt reactors and for periodical maintenance necessary oil evacuating, filtering, testing and filling apparatus would be provided at new substations. Oil storage tanks of adequate capacities for storage of transformer oil would be provided.

Online Transformer Oil Drying Out System shall be provided in line with the provisions of Standard Specification and Technical Parameters for Transformers and Reactors (66 kV and above Voltage Class) as amended up to date available on CEA website.

B.3.4 Illumination

Normal and emergency AC and DC illumination shall be provided adequately in the control room and other buildings of the substation. The switchyard shall also be provided

with adequate illumination.

The lighting of the entire control room building, fire-fighting pump house, other building (if any) and switchyard shall be done by LED based low power consumption luminaries.

B.3.5 Control Room

For the new substation, substation control room shall be provided to house substation work stations for station level control (SAS) along with its peripheral and recording equipment, AC and DC distribution boards, DC batteries and associated battery chargers, Fire Protection panels, Telecommunication panels and other panels as per requirements. Air conditioning shall be provided in the building as functional requirements. Main cable trenches from the control room shall have adequate space provision for laying of cables from the control room forall the future bays.

At existing substations, the adequacy of size of control room shall be ascertained and the same shall be augmented as per requirement.

B.3.6 Control Concept

All the EHV circuit breakers in substation/switching stations shall be controlled and synchronized from the switchyard control room/remote control center. All the isolators shall have control from remote/local whereas the earth switches shall have local control only.

B.3.7 Visual Monitoring System (VMS) for watch and ward of substation premises:

Visual Monitoring System for effective watch and ward of substation premises shall coverall the transformers and reactors, all other major AIS Equipment (such as CB, isolators, CT,CVT, SA etc. as applicable), panel room, all the gates of switchyard and all entry and exit points of control room building and accordingly the location of cameras shall be decided. In addition to the gates of the switchyard, the cameras shall also be located around the boundaries at suitable locations. The camera shall be high definition color CCD camera with night vision feature. The VMS data partly/completely shall be recorded (minimum for 15 days) at least @25fps (or better) and stored on network video recorder. The system shall use video signals from various cameras installed at different locations, process them for viewing on workstations/monitors in the control room and simultaneously record all the cameras. The VMS data should go only to the intended personnel/facility and not to the remote server of the Camera (VMS supplier).

Mouse/keyboard controllers shall be used for pan, tilt, zoom and other functions of the desired camera. The Visual Monitoring System shall have provision of WAN connectivity for remote monitoring.

All camera recordings shall have Camera ID and location/area of recording as well as date/time stamp. The equipment should generally conform to Electromagnetic compatibilityrequirement for outdoor equipment in EHV substation.

At existing substations, the visual monitoring system if available shall be augmented as per existing or better specification as required.

B.4.0 General Facilities

a) Line Gantry/Towers are envisaged for bays under the present scope only. However, for the adjacent future line bay, tower shall be designed for extension (considering Quad conductors for 400 kV future lines and Twin conductor for 220 kV future lines) wherever applicable.

b) Bay extension works at existing substation shall be executed by TSP in accordance with the requirements/provisions mentioned above. However, interface points shall be considered keeping in view the existing design/arrangement at the substation.

c) TSP has to arrange for construction power and water on its own.

d) All outdoor steel structures including anchor/foundation bolts shall be fully galvanized. The weight of the zinc coating shall be at least 610 g/m^2. However, for coastal/creek regions it shall be at least 900 g/m^2 (if applicable).

e) In 400 kV switchyard, if spare bay of half diameter is identified as future, all the equipment for Tie and Future bay shall be designed considering the current rating of line bay i.e. 3150 A.

f) Boundary wall shall be brick masonry wall with RCC frame or Stone masonry wall or Precast RCC wall under present scope along the property line of the complete substation area including future switchyard area to prevent encroachment and unauthorized access. The minimum height of the boundary wall shall be of 1.8 m from Finished Ground Level (FGL).

g) All electrical equipment shall be installed above the Highest Flood Level (HFL) and where such equipment is not possible to be installed above Highest Flood Level, it shall be ensured that there is no seepage or leakage or logging of water.

h) As per CEA Manual on Transmissions Planning criteria 2023, Line approaching substation shall normally be perpendicular to the substation boundary for a stretch of 2-3 kms. Accordingly, TSP shall ensure that line terminations at substations are arranged in a manner to avoid hindrance to future line terminations at the substations.

SPECIFIC TECHNICAL REQUIREMENTS FOR COMMUNICATION

The communication requirement shall be in accordance to CEA (Technical Standards for Communication System in Power System Operations) Regulations, 2020, CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022, CERC (Communication System for inter-State transmission of electricity) Regulations, 2017, and CEA (Cyber Security in Power Sector) Guidelines, 2021, all above documents as amended from time to time.

The protections for transmission line and the line compensating equipment shall have hundred percent back up communication channels i.e. two channels for tele- protection in addition to one channel for speech plus data for each direction.

The communication services viz. SCADA, AGC (wherever applicable), VoIP, AMR and PMU have been identified as critical services and therefore shall be provisioned with 2+2 redundancy i.e. 2 channels for Main Control Centre and 2 channels for Backup Control Centre. In order to meet this requirement, suitable redundancy at port and card level need to be ensured by the TSP to avoid any single point of failure which may lead to interruption in real-time grid operation.
PMU to PDC communication (wherever required) shall be through 2 channels to the PDC (main) as there is no backup PDC at present.

Accordingly all the hardware for communication services of station as stated above shall support dual redundancy for data transmission of station to respective main and backup SLDCs/RLDCs.

The complete InSTS communication system commissioned by TSP under the RFP shall be the asset of InSTS and shall be available for usage of InSTS requirements as suggested by Maharashtra STU/CTU from time to time.

In order to meet the requirement for grid management and operation of substations, Transmission Service Provider (TSP) shall provide the following**:**

C.1.0 Establishment of 400/220/132 kV Sakoli with 2 x 500 MVA, 400/220 kV ICTs with 125 MVAr Bus Reactor at 400 kV Level

(I) TSP shall supply, install and commission 3 No. FODP (96F or higher) and 1 No. FODP (48F or higher) along with panel and approach Cable (48F each), Joint Box etc. with all associated hardware fittings from gantry tower to Control Room for all the incoming lines / Bays envisaged under the present scope.

(II) TSP shall supply, install and commission One or more STM-16 (FOTE) equipment along with panel/s supporting minimum Thirteen (13) directions with MSP (Multiplex Section Protection – 1+1). These directions shall exclude protected (1+1) local patching among equipment (if any). Communication Equipment shall be provided with necessary interfaces to meet the voice and data communication requirement among all remote end substations & 400/220 kV AIS Sakoli. The suitable DC Power Supply and backup to be provided for communication equipment.

(III) FODP and FOTE equipment with panels shall be provided in Control Room of 400/220/132 kV AIS Sakoli. FOTE and FODP Equipment can be accommodated in same panel to optimize space.

(IV) The new communication equipment under the present scope shall be compatible for integration with existing regional level centralized NMS. The local configuration of the new communication equipment shall be the responsibility of TSP. The configuration work in the existing centralized NMS for integration of new Communication equipment shall be done by Regional ULDC Team, however all the necessary support in this regard shall be ensured by TSP.

(V) TSP shall supply, install and commission Firewall in redundant mode (1+1) in line with the specification attached at **Annexure F.1**.

(VI) The maintenance of all the communication equipment and software thereof including FOTE, FODP, PMU, approach cable, DCPS along with Battery Bank and Firewall shall be the responsibility of TSP.

C.2.0 400/220/132 kV lines at 400/220/132 kV AIS Sakoli (New)

(i) 400/220/132 kV lines at at 400/220/132 kV AIS Sakoli (New), TSP shall supply, install and commission One (1) No. OPGW cable containing 48 Fibres (48F) on one E/W peak and conventional earth wire on other E/W peak.

(ii) The TSP shall install this OPGW from gantry of 400/220/132 kV Sakoli up to the gantry of all substations connected to the 400/220/132 kV Sakoli with all associated hardware including Vibration Dampers, mid-way and gantry Joint Boxes (called OPGW Hardware hereafter) and finally terminate in Joint Boxes at end Substations.

However, TSP shall finalize the requirement and location of repeater station depending upon the actual site conditions. Further TSP shall comply to the requirements mentioned as per **Appendix-F.1**

(iii) Maintenance of OPGW Cable and OPGW Hardware shall be responsibility of TSP.

C.3.0 FOTE requirement at 400/220/132 kV Lines

(I) TSP shall supply, install and commission 1 No. FODP (72F or higher) along with panel and required Approach Cable (48F) with all associated hardware fittings from gantry tower to Bay Kiosk and from the Bay Kiosk to Control room.

(II) TSP shall supply, install and commission One STM-16 (FOTE) equipment along with panel/s supporting minimum three (3) directions with MSP (Multiplex Section Protection – 1+1) with necessary interfaces to meet the voice and data communication requirement between 400/220/132kV lines at 400/220/132 kV Sakoli (New) The suitable DC Power Supply and backup to be provided for communication equipment.

(III) If required, FOTE/FODP panel shall be installed in the new Bay Kiosk (Switchyard Panel Room (SPR)). The FOTE under present scope shall be integrated by TSP with the existing FOTE at control room of Wardha (PG) and Raipur (PG) which shall be communicating with respective control center. If require, TSP to provide necessary FODP sub rack / Splice trays/ Patch cords etc. and optical interfaces/equipment in the existing FOTE/FODP panels in control room for integration with the existing FOTE for onwards data transmission.

In case spare optical direction is not available in the existing FOTE at the control room, the TSP shall coordinate with station owner to reconfigure the directions in existing FOTE at control room. Alternatively, The TSP may integrate the FOTE under the present scope with existing FOTE in the nearby Kiosk connected to the control room FOTE (if available with spare direction). For this purpose, TSP shall provide necessary FODP sub rack / Splice trays/ Patch cords etc. and suitable optical interfaces/ equipment in the existing FOTE/FODP panels in another Kiosk (SPR).

(IV) FOTE and FODP can be accommodated in same panel to optimize space.

(V) The maintenance of all the communication equipment and software thereof including FOTE, FODP, approach cable, PMU, DCPS along with Battery Bank shall be the responsibility of TSP.

C.4.0 Specific Requirement for Phasor Measurement Units (PMUs)

TSP shall supply, install and commission required No. of Phasor Measurement Units (PMUs) at all the locations under the scope this RFP as per CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 (along with all amendments if any), and all the applicable Regulations, Standards, Guidelines issued time to time. These PMUs shall be provided with GPS clock and LAN switch and shall connect with LAN switch of control room of respective substations/ generating stations with Fibre Optic cable. These PMUs shall be connected with the FOTE at Substation/ generating stations for onwards data transmission to the PDC (Phasor Data Concentrator) located at respective RLDC. Configuration work in existing PDC at RLDC for new PMU integration shall be done by respective RLDC, however all the necessary support in this regard shall be ensured by TSP. The maintenance of all the PMUs and associated equipment shall be the responsibility of TSP.

Annexure-F.1

Next Generation Firewall (NGFW)

TSP shall provide 2 NGFW one in Main and another in Standby mode having electrical ethernet interfaces/ports and placed between FOTE and SAS gateway/s at the substation. All ethernet based applications shall be terminated in the firewall ports directly (e.g. PMU, AMR, VOIP, SAS/SCADA etc.). Each port of firewall shall work as a separate zone. Firewall shall be hardware based with features of Block/Allow/drop and IPSec VPN (network encryption).

The number of ports/interfaces in each firewall (i.e. Main and Standby) shall be minimum 16 Nos. TSP shall provide either single firewall or multiple firewalls to meet this interfaces requirement, each for main as well as standby firewall. Minimum throughput of firewall shall be 300 Mbps.

The Firewall shall be managed/ configured as standalone at present and shall also have compatibility to manage/configure through Centralized Management Console (CMC) remotely in future.

Firewall shall be tested and certified for ISO15408 Common Criteria for least EAL4+. Further, the OEM must certify that it conforms to Secure Product Development Life Cycle requirements as per IEC62443-4-1. The firewall shall generate reports for NERC-CIP Compliance.
The specifications for the firewalls are given at **Annexure-F.2** and schematic diagram showing firewall placement given at **Figure F.2**.

Annexure-F.2

Specifications of Next Generation Firewall (NGFW)

1. NGFW shall have following features including but not limited to:
   Encryption through IPSec VPN (Virtual Private Network), Deep Packet Inspection (DPI), Denial of service (DoS) and Distributed Denial of Service (DDoS) prevention, Port Block/ Allow, rules/ policies for block/allow, IP (Internet Protocol) and Media Access Control (MAC) spoofing protection, threat detection, Intrusion Prevention System (IPS), Anti-Virus, Anti-Spyware, Man In The Middle (MITM) attack prevention.
2. The proposed firewall shall be able to handle (alert, block or allow) unknown /unidentified applications e.g. unknown TCP and UDP packets. It shall have the provision to define application control list based on application group and/or list.
3. Firewall shall have feature and also have capability to update the definition/ Signatures of Anti-Virus online as well as offline. Firewall shall also be compatible to update the definitions/signatures through CMC. There shall be a defined process for security patching and firmware up-gradation. There shall be a feature to field validate firmware checksum. The same shall also be validated before using the OEM provided file/binary in the process of firmware up-gradation and security patching
4. Firewall shall have Management Console port to configure remotely.
5. Firewall shall be EMI/EMC compliant in Substation environment as per IEC 61850-3.
6. Firewall shall be rack mounted in existing standard equipment cabinets.
7. Firewall shall have support of SCADA applications (IEC-60870-5-104), ICCP, PMU (IEEE C37.118), Sub-Station Automation System (IEC 61850), Ethernet and other substation environment protocols.
8. Client based Encryption/ VPN must support different Operating System platforms e.g. Windows, Linux and Mac.
9. The solution must have content and comprehensive file detection policies, blocking the files as function of their types, protocols and directions.
10. Firewall shall have logging facility as per standard logs/events format. Firewall shall have features to export the generated/stored logs/events in csv (Comma Separated Value) and also any other standard formats for offline usage, analysis and compliance. Firewall shall have suitable memory architecture and solution to store and be enable to export all logs/events for a period of last 90 days at any given time.
11. Firewall shall have features and be compatible with local as well as central authentication system (RADIUS, LDAP, or TACACS+) for user account and access right management. It shall also have Role Based User management feature.
12. Firewall shall have the capability to configure sufficient number of VLANs.
13. Firewall shall have the capability to support sufficient number of sessions.
14. Firewall shall have provision to configure multiple IP Sec VPNs, at least 100 Nos., (one-to-many or many-to-one). Shall support redundant operation with a similar router after creation of all the IP Sec VPN. IPSec VPN shall support encryption protocols as AES128, AES256 and hashing algorithms as MD5 and SHA1. IPSec VPN throughput shall support at least 300 Mbps

15. Firewall shall be capable of SNMP v3 for monitoring from Network Management system. It shall also have SNMPv3 encrypted authentication and access security
16. Firewall shall support in Active/Passive or Active-Active mode with High Availability features like load balancing, failover for firewall and IPsec VPN without losing the session connectivity.
17. Firewall should have integrated traffic shaping (bandwidth, allocation, prioritisation, etc.) functionality
18. Shall support simultaneous operation with both IPv4 and IPv6 traffic
19. Firewall shall be compatible with SNTP/NTP or any other standards for clock synchronization
20. Firewall shall have the features of port as well as MAC based security
21. Firewall shall support exporting of logs to a centralized log management system (e.g. syslog) for security event and information management.
22. Firewall time shall be kept synchronised to official Indian Timekeeping agency, time.nplindia.org.
23. Firewall product shall be provided with all applicable updates at least until 36 months since the applicable date of product shipping to the concerned utility.

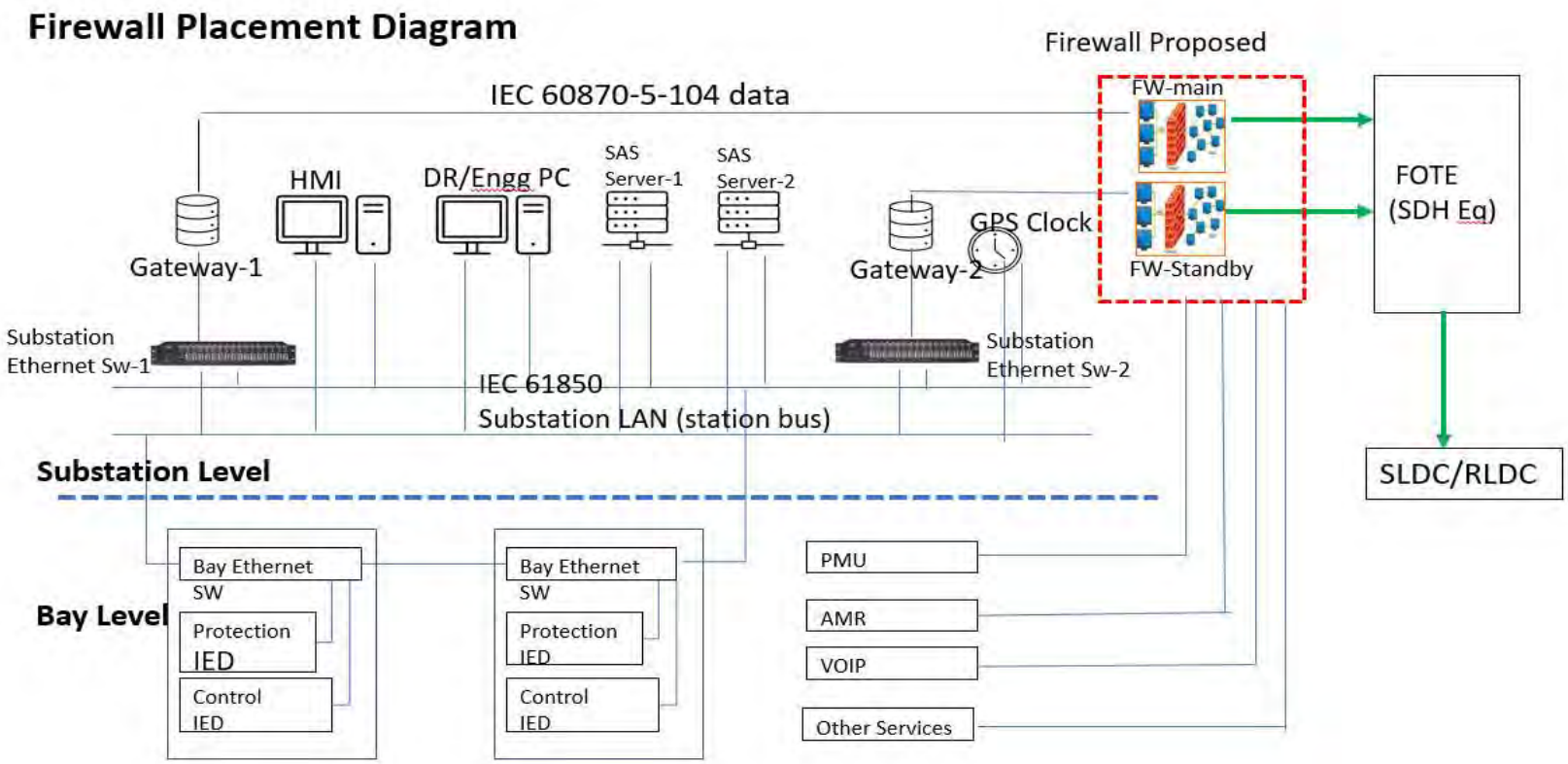

Firewall Placement Diagram
Firewall Proposed
IEC 60870-5-104 data
FW-main
FW-Standby
FOTE
(SDH Eq)
HMI
DR/Engg PC
SAS
Server-1
SAS
Server-2
GPS Clock
Gateway-1
Gateway-2
Substation
Ethernet Sw-1
Substation
Ethernet Sw-2
IEC 61850
Substation LAN (station bus)
Substation Level
SLDC/RLDC
Bay Ethernet
SW
Protection
IED
Control
IED
Bay Level
PMU
AMR
VOIP
Other Services

Figure F2

Annexure F.3

C.5.0 PLCC and PABX:

Power Line Carrier Communication (PLCC) equipment complete for speech, tele-protection commands and data channels shall be provided on each transmission line. The PLCC equipment shall in brief include the following:

(i) Coupling device, Coupling filters, line traps, carrier terminals, protection couplers, HF cables, PABX (if applicable) and maintenance and testing instruments.

(ii) At new substation, a telephone exchange (PABX) of 48 lines shall be provided at as means of effective communication among various buildings of the substation, remote end substations and with control centres (RLDC/SLDC) etc.

(iii) Coupling devices shall be suitable for phase-to-phase coupling for 400 kV Transmission lines. The pass band of coupling devices shall have sufficient margin for adding communication channel in future if required. Necessary protection devicesfor safety of personnel and low voltage part against power frequency voltages and transient over voltage shall also be provided.

(iv) The line traps shall be broad band tuned suitable for blocking the complete range of carrier frequencies. Line Trap shall have necessary protective devices such as lightning arresters for the protection of tuning device. Decoupling network consisting of line traps and coupling capacitors may also be required at certain substation in caseof extreme frequency congestion.

(v) The carrier terminals shall be of Single Side-Band (SSB) Amplitude Modulation (AM) type and shall have 4 kHz band width. PLCC Carrier terminals and Protection couplers shall be considered for both ends of the line.

(vi) PLCC equipment for all the transmission lines covered under the scheme (consisting of one set of analog PLCC channel along with circuit protection coupler and one setof Digital protection coupler for both ends) shall be provided by TSP. PLCC to be provided for following lines under present scope:

Sl. No	Line name	PLCC configuration
1	All 400/220/132 transmission lines at 400/220/132 kV Sakoli (New)	1 set Analog PLCC + 1 set Digital Protection Coupler for each circuit at both ends.

Further, CVT and Wave trap for all 400 kV and 220 kV line bays under present scope shall be provided by TSP.

(vii) All other associated equipment like cabling, coupling device and HF cable shall also be provided by the TSP.

(viii) 2 sets of 48V battery banks for PLCC and communication equipment shall be provided at each new Substation with at least 10 hours battery backup and extended backup, if required.

Amendment-I dated 16.02.2026 to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

<table>
<tr><th>Sl. No</th><th>Clause No.</th><th>Existing Clause</th><th>New/Revised Clause</th></tr>
<tr><td>1.</td><td>Clause No A.9.0 of RfP and TSA</td><td>...
I. Minimum live metal clearances for 400 kV line:
...
II. Minimum live metal clearances for 220 kV line:
a. ...
b. ...
c. ...
d. ...
III. Minimum live metal clearances for 132 kV line:
a. ...
b. ...
c. ...
d. ...</td><td>...
I. Minimum live metal clearances for 400 kV line:
...
II. Minimum live metal clearances for 220 kV line:
a. ...
b. ...
c. ...
d. ...
e. <u>The phase spacing for 220 kV D/C Line shall be not less than 5.0 m</u>
III. Minimum live metal clearances for 132 kV line:
a. ...
b. ...
c. ...
d. ...
e. <u>The phase spacing for 132 kV D/C Line shall be not less than 4.0 m</u></td></tr>
<tr><td>2.</td><td>Clause No A.7.0 of RfP and TSA</td><td>....
(b) For all 200 kV lines under present scope
<table>
<tr><th>Transmission line</th><th>ACSR Conductor specified</th><th>Equivalent AAAC conductor based on 53% conductivity of Al Alloy</th><th>Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy*</th><th>Sub-conductor Spacing</th></tr>
</table></td><td>....
(b) For all 200 kV lines under present scope
<table>
<tr><th>Transmission line</th><th>ACSR Conductor specified</th><th>Equivalent AAAC conductor based on 53% conductivity of Al Alloy</th><th>Equivalent minimum size of AL59 conductor based on 59% conductivity of AL Alloy*</th><th>Sub-conductor Spacing</th></tr>
</table></td></tr>
</table>

Amendment-I dated 16.02.2026 to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No	Clause No.	Existing Clause					New/Revised Clause				
		220 kV D/C (Zebra) transmission lines	Zebra: Stranding 54/3.18 mm-Al + 7/3.18 mm-Steel, 428 sq mm, Aluminium area, 28.62 mm diameter	Stranding Details: 61/3.19 mm 28.71 mm diameter; 487.5 sq.mm Aluminum alloy area	Stranding Details: 61/3.08 mm 27.7 mm diameter; 454 sq.mm Aluminium alloy area	NA	220 kV D/C (Zebra) transmission lines	Zebra: Stranding 54/3.18 mm-Al + 7/3.18 mm-Steel, 428 sq mm, Aluminium area, 28.62 mm diameter **Maximum DC Resistance at 20°C (Ω/km): 0.06868 Minimum UTS: 130.32 kN**	Stranding Details: 61/3.19 mm 28.71 mm diameter; 487.5 sq.mm Aluminum alloy area **Maximum DC Resistance at 20°C (Ω/km): 0.06815 Minimum UTS: 135.60 kN**	Stranding Details: 61/3.08 mm 27.7 mm diameter; 454 sq.mm Aluminium alloy area **Maximum DC Resistance at 20°C (Ω/km): 0.0653 Minimum UTS: 108 kN**	NA
		.....					.....				

Amendment-I dated 16.02.2026 to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

<table>
<tr><th>Sl. No</th><th>Clause No.</th><th>Existing Clause</th><th>New/Revised Clause</th></tr>
<tr><td>3.</td><td>Scope of the Transmission Scheme RFP & TSA</td><td>
<table>
<tr><th colspan="3">Establishment of 400/220/132 kV Sakoli (Dist. Bhandara)</th></tr>
<tr><th>Sl. No.</th><th>Scope of the Transmission Scheme</th><th>Scheduled COD in months from Effective Date</th></tr>
<tr><td>1</td><td>Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level.
• 400 / 220 kV, 500 MVA, ICTs – 02 Nos.
• 400 / 132 kV, 315 MVA, ICTs – 02 Nos.
• 400 kV ICT Bays – 04 Nos.
• 220 kV ICT Bays – 02 Nos.
• 132 kV ICT Bays – 02 Nos.
• 400 kV Line Bays – 04 Nos.
• 220 kV Line Bays – 02 Nos.
• 132 kV Line Bays – 06 Nos.
• 220 kV Transfer Bus Coupler- 1 set
• 220 kV Bus Coupler-1 No.
• 132 kV Bus Coupler-1 No.</td><td>24 months from the effective date</td></tr>
</table>
</td><td>
<table>
<tr><th colspan="3">Establishment of 400/220/132 kV Sakoli (Dist. Bhandara)</th></tr>
<tr><th>Sl. No.</th><th>Scope of the Transmission Scheme</th><th>Scheduled COD in months from Effective Date</th></tr>
<tr><td>1</td><td>Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level.
• 400 / 220 kV, 500 MVA, ICTs – 02 Nos.
• 400 / 132 kV, 315 MVA, ICTs – 02 Nos.
• 400 kV ICT Bays – 04 Nos.
• 220 kV ICT Bays – 02 Nos.
• 132 kV ICT Bays – 02 Nos.
• 400 kV Line Bays – 04 Nos.
• 220 kV Line Bays – 02 Nos.
• 132 kV Line Bays – 06 Nos.
• 220 kV Transfer Bus Coupler- 1 set
• 220 kV Bus Coupler-1 No.
• 132 kV Bus Coupler-1 No.
• 132 kV Transfer Bus Coupler- 1 set</td><td>24 months from the effective date</td></tr>
</table>
</td></tr>
</table>

Amendment-I dated 16.02.2026 to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No	Clause No.	Existing Clause	New/Revised Clause
		• 132 kV Transfer Bus Coupler- 1 set **Future Space Provisions:** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No. 2 …… 3 …… 4 …… 5 …… 6 …… **Note-** ……	• **125 MVAr, 400 kV Bus Reactor-1 No** • **400 kV Bus Reactor bay-1 No** **Future Space Provisions:** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No. 2 …… 3 …… 4 …… 5 …… 6 …… **Note-** ……

Amendment-I dated 16.02.2026 to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No	Clause No.	Existing Clause					New/Revised Clause				
		Sl. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are prerequired for declaring the commercial operation (COD) of the respective Element	Sl. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are prerequired for declaring the commercial operation (COD) of the respective Element
4.	Clause 2.6 Annexure 8 of RFP and Schedule 2 of TSA	1	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos.	24 months from the effective date	100%	All Elements are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.	1	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs	24 months from the effective date	100%	All Elements are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.

Amendment-I dated 16.02.2026 to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No	Clause No.	Existing Clause	New/Revised Clause
		• 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos.	– 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos.

Amendment-I dated 16.02.2026 to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No	Clause No.	Existing Clause	New/Revised Clause
		• 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler- 1 No. • 132 kV Bus Coupler- 1 No. • 132 kV Transfer Bus Coupler- 1 set • **Future Space Provisions:** • 400/132 kV, 315 MVA, ICT-01 No.	• 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV

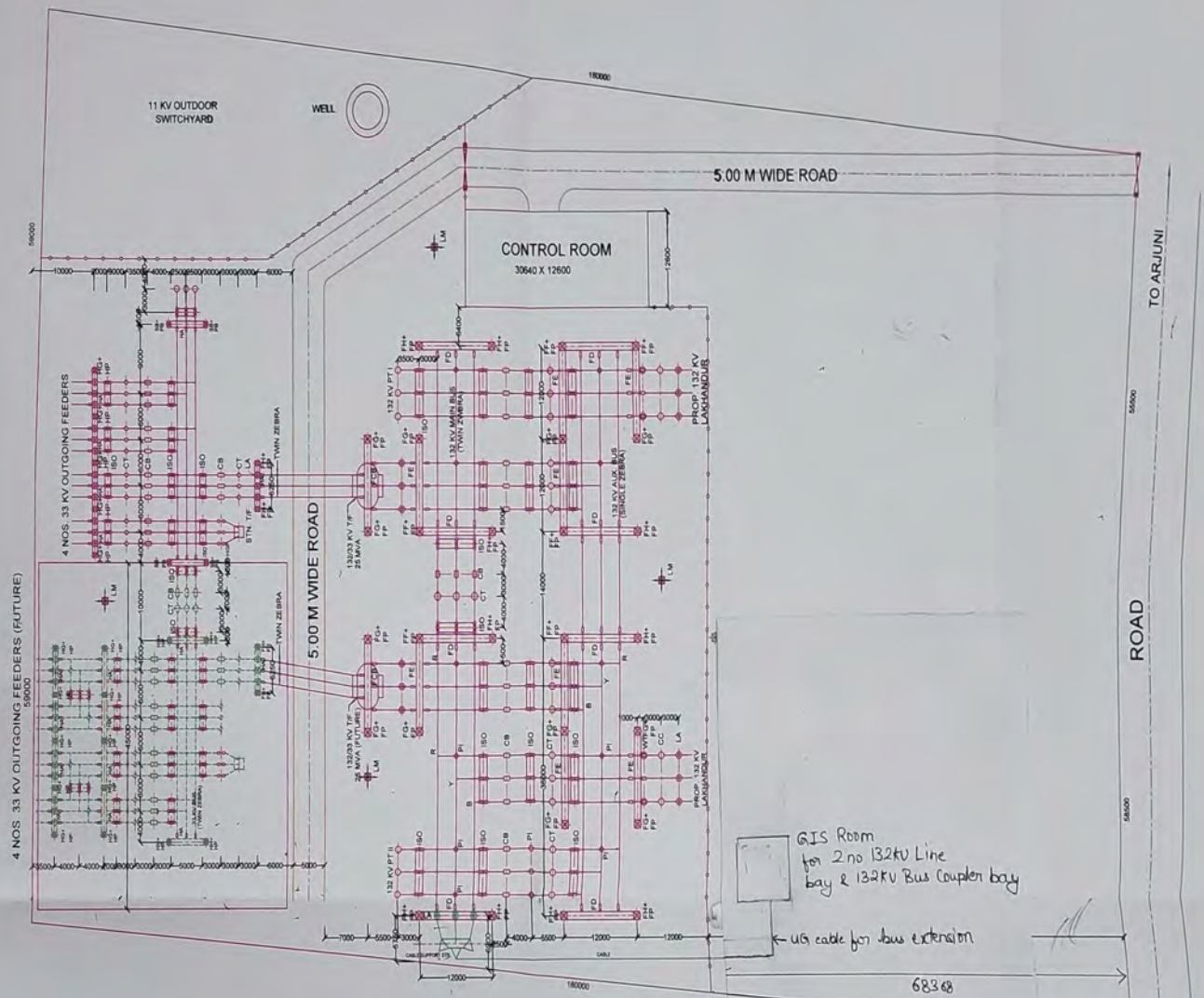
Sl. No	Clause No.	Existing Clause	New/Revised Clause
		• 400 kV ICT Bay- 1 No. • 132 kV ICT Bay- 1 No. 2 …… 3 …… 4 …… 5 …… 6 …… **Note-** …….	Bus Coupler-1 No. • 132 kV Bus Coupler-1 No. • 132 kV Transfer Bus Coupler- 1 set • **<u>125 MVAr, 400 kV Bus Reactor- 1 No</u>** • **<u>400 kV</u>**

Amendment-I dated 16.02.2026 to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No	Clause No.	Existing Clause	New/Revised Clause				
				<u>Bus Reactor bay-1 No</u> • <u>Future Space Provisions:</u> • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.			
			2	.....			

Amendment-I dated 16.02.2026 to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No	Clause No.	Existing Clause	New/Revised Clause
			3 ..... 4 ..... 5 ..... 6 ..... Note- .....



REQUIREMENT OF STRUCTURE

132KV				33KV			
COLUMN		BEAM		COLUMN		BEAM	
TYPE	QTY.	TYPE	QTY.	TYPE	QTY.	TYPE	QTY.
FF	06	FE	07	HH	00	HA	05
FG	09	FD	08	HG	05		
FH	12	FCB	01	HP	05		
FP	27						

LM - 04 NOS.

STRUCTURE MARKING AND SCHEDULE FOR REQUIREMENT OF STRUCTURE HAVE BEEN SCRUTINISED

Jr. D'Man (D&E-I) E.E.(D&E-I)

NOTE:-

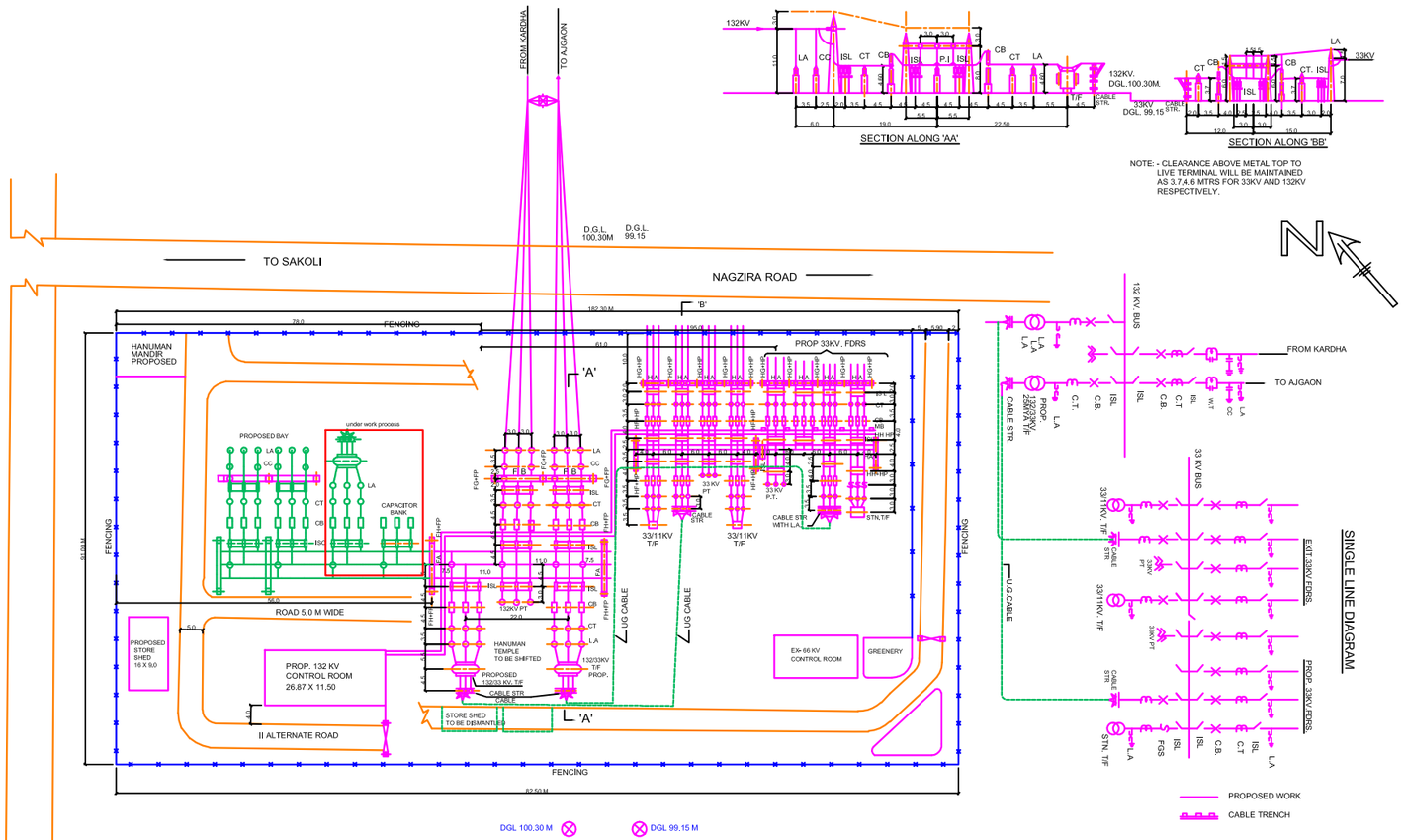
1) 66 KV EXISTING SWITCHYARD (TO BE DISMENTALED)

MAHATRANSCO

MAHARASHTRA STATE ELECTRICITY TRANSMISSION Co.Ltd.
SUB. STN. CONST DN. NAGPUR

LAY-OUT OF
132/33 KV MORGAON ARJUNI
SUB-STN

DRN	CKD	RECOMM	APPD
	DY. E.E.	E.E.	
SCALE :- 1:400	NAGPUR Dt. 18 - 09 - 09	DRG. No. D&E-II/393	



NOTE: - CLEARANCE ABOVE METAL TOP TO LIVE TERMINAL WILL BE MAINTAINED AS 3.7,4.6 MTRS FOR 33KV AND 132KV RESPECTIVELY.

1. OVER CURRENT EARTH FAULT PROTECTION.
2. DIFFERENTIAL PROTECTION.
3. BUCHHOIZ RELAY PROPOTECTION.
4. REF PROPOTECTION.
5. DISTANCE PROPOTECTION.
6. CAPACITY OF T/F OIL -

EQUIPMENT WILL BE CONNECTED TO EXISTING EARTH MAT.

NOTE : - AS PER C.C NAGPUR`S DRG.

1. THIS DRAWING TRACED FROM EHV, O&M DN DATE - 1/3/96 DRG NO. EE / EHV O&M BHR 029 SCALE 1:500
2. APPROVAL FOR DISMENTLING OF TYPE - II - QTR RECEIVED FROM CE (NZ). VIDE L. NO. T/RC/13/766 DT. 11.11.02

TRACED IN SUB STN. CONST. DN. NAGPUR.
DT. 6-2-2003

R3	REVISION DT. 15-10-2007	R2	REVISION DT. 15-6-2003		R1	REVISION DT. 4-01-2003
1.	FOR 33KV. FEEDER BAYS OLD 66KV. MADGI AND SAKOLI BAYS ALONG WITH ALL EQUIPMENTS ARE TO BE DISMENTALED.	1.	AS PER L. NO. EE/EHY (C) NGP. TECH/ 597 DT 6-5-03 66 KV EXITING BAY IS 15.0 MTR FROM CHAINLINK FENCING AND HOT 100M WAS SHOWN IN LAYOUT MAP.	TRD SD CHD SD SUB. APPD.	1.	TWO STAGE LEVEL DIFFERENCE SHOWN IN SECTIONAL VIEW AND PLAN.
2.	66KV.T/F ONE NO DUMY AND ANOTHER ONE IS HAVING EXITING LOAD ARE TO BE ALSO DISMENTALED.				2.	CONTROL ROOM SHIFTED FROM PREVIOUS POSITION NEAR 66 KV. CONTROL ROOM TO OPEN SPACE ON 132KV. SIDE
					3.	CABLE TRENCH MARKING DONE.

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MAHARASHTRA STATE ELECTRICITY TRANSMISSION Co.Ltd.
SUB. STN. CONST DN. NAGPUR

PROPOSED LAY-OUT OF
132/33 KV SAKOLI SUB.Stn.
(BHANDARA DIST.)

DRN	CKD	RECOMM.	APPD
	DY.E.E.	E.E.	
SCALE :- 1:500	NAGPUR Dt. 19 - 04-02	DRG. No. SE/CC/NGP/2002/551	

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SYSTEM PARAMETER

SR NO.	DESCRIPTION OF PARAMETER	SYSTEM VOLTAGE 132kV	SYSTEM VOLTAGE 33kV
01	SYSTEM OPERATING VOLTAGE	132kV	33kV
02	MAXIMUM OPERATING VOLTAGE	145kV	36kV
03	RATED FREQUENCY	50Hz	50Hz
04	NO. OF PHASE	3	3
05	FULL WAVE IMPULSE WITHSTAND VOLTAGE (1.2/50 MICRO SEC.)	650kVP	170kVP
06	ONE MINUTE POWER FREQUENCY DRY & WET WISTAND VOLTAGE (rms)	275kV	70kV
07	CORONA EXTINCTION VOLTAGE	N/A	N/A
08	MAX. RADIO INTERFERENCE VOLTAGE FOR FREQUENCY BETWEEN 0.5MHz & 2MHz AT 156kV RMS FOR 220kV SYSTEM	N/A	N/A
09	MINIMUM CREEPAGE DISTANCE	25mm/kV (3625mm)	25mm/kV (900mm)
10	RATED SHORT CIRCUIT CURRENT FOR 1 SEC. DURATION	40kA	25kA
11	MINIMUM CLEARANCE:		
i	PHASE TO PHASE	1300mm	320mm
ii	PHASE TO EARTH	1300mm	320mm
iii	SAFETY CLEARANCE	3500mm	3000mm
iv	GROUND CLEARANCE	4600mm	3700mm
12	CONDUCTOR DETAILS:		
i	MAIN BUS & SECTIONLISER BAY	TWIN ZEBRA ACSR	TWIN ZEBRA ACSR
ii	AUXILLIARY BUS	SINGLE ZEBRA ACSR	---
iii	EQUIPMENT INTERCONNECTION	SINGLE ZEBRA ACSR	SINGLE ZEBRA ACSR
iv	LINE BAYS	SINGLE ZEBRA ACSR	SINGLE ZEBRA ACSR
v	TRANSFORMER BAY	SINGLE ZEBRA ACSR	TWIN ZEBRA ACSR
vi	CAPACITOR BAY	SINGLE ZEBRA ACSR	SINGLE ZEBRA ACSR
13	SUB-CONDUCTOR SPACING	225mm	140mm
14	DISC INSULATOR PER STRING-ANTIFOG TYPE:		
i	TENSION	120kN (10 Nos.)	120kN (04 Nos.)
ii	SUSPENSION	70kN (09 Nos.)	70kN (04 Nos.)

BOM 132kV STRUCTURE

TOWER WITH PEAK		BEAM	
TYPE	QTY.	TYPE	QTY.
FH+FP	07	FD	06
FG+FP	14	FE	09
FF+FP	05	FC	02

BOM 33kV STRUCTURE

TOWER WITH PEAK		BEAM	
TYPE	QTY.	TYPE	QTY.
FH+FP	04	HA	21
HH+HP	06		
HG+HP	20		

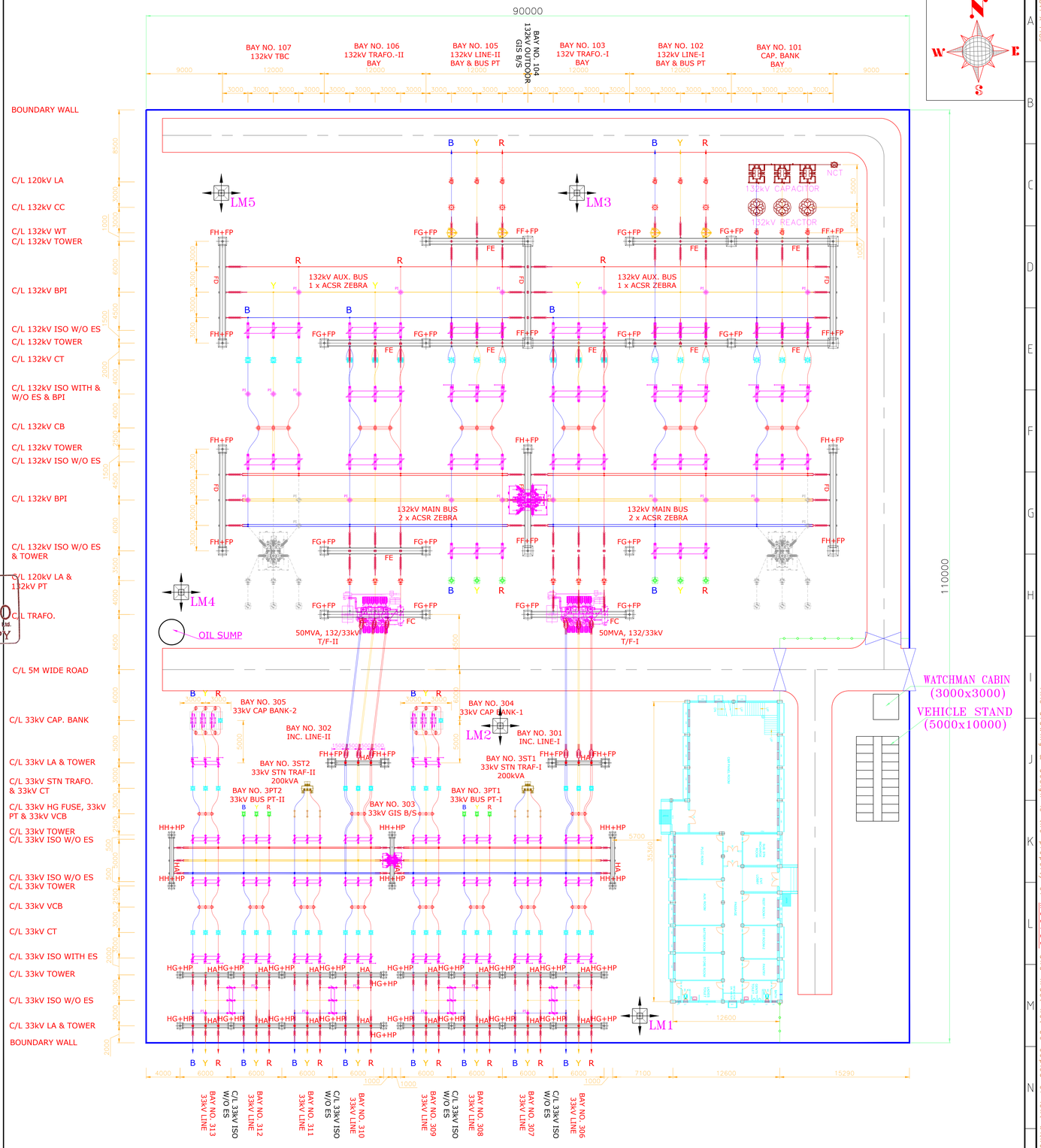
MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd.
CONTROLLED COPY

BILL OF MATERIAL (132kV YARD)

SR NO.	ITEM DESCRIPTION	LEGENDS	QTY.
01	145kV SF6 CIRCUIT BREAKER 2000A, 40KA, 3 SEC. (3 ph.)		7 SET
02	145kV ISOLATOR WITH EARTHING BLADE 1250A, 40KA, 3 SEC. (3 ph.) (LINE/CAP.)		3 SET
03	145kV OUTDOOR GIS BUS SECTIONALISER 2000A, 40KA, 3 SEC. (3 ph.) (BUS SECT.)		1 SET
04	145kV ISOLATOR WITHOUT EARTHING BLADE 1250A, 40KA, 3 SEC. (3 ph.) (TRAFO./TBC /LINE/PT)		16 SET
05	145kV CURRENT TRANSFORMER 40KA, 1 SEC. 1600-800/1 A, 5C (1 ph.) (BUS SECT.)		0 NOS.
06	145kV CURRENT TRANSFORMER 40KA, 1 SEC. 800-400/1 A, 5C (1 ph.) (TRAFO./TBC/LINE)		18 NOS.
07	145kV POTENTIAL TRANSFORMER (1 PH.) 132kV/√3 / 110V/√3 / 110V/√3 / 110V/√3		6 NOS.
08	120kV, 10kA STATION CLASS, LIGHTNING ARRESTOR (PORCELAIN) (1 ph.) (LINE)		9 NOS.
09	120kV, 10kA, STATION CLASS, LIGHTNING ARRESTOR (POLYMER) (1 ph.) (TRAFO.)		6 NOS.
10	145kV, COUPLING CAPACITOR, 6600pf (1 ph.) (FOR R & B PHASE)		4 NOS.
11	145kV, WAVE TRAP, 1250A, 0.5mH (1 ph.) (FOR R & B PHASE)		4 NOS.
12	145kV BUS POST INSULATOR, 4kN		17 NOS.
13	132/33kV, 50MVA, YNyn0, Z=15% POWER TRANSFORMER		2 NOS.
14	132kV, 15MVAR CAPACITOR BANK ALONG WITH ASSOCIATED ACCESSORIES		1 NOS.

BILL OF MATERIAL (33kV YARD)

SR NO.	ITEM DESCRIPTION	LEGENDS	QTY.
01	36kV VACCUM CIRCUIT BREAKER 1600A, 25 kA, 3 SEC. (3 ph.)		12 SET
02	36kV ISOLATOR WITH EARTHING BLADE 800A, 25 kA, 3 SEC. (3 ph.) (LINE/CAP.)		10 SET
03	36kV ISOLATOR WITHOUT EARTHING BLADE 1600A, 25 kA, 3 SEC. (3 ph.) (TRAFO/BUS SECT.)		2 SET
04	36kV ISOLATOR WITHOUT EARTHING BLADE 800A, 25 kA, 3 SEC. (3 ph.) (LINE/STF/PT)		18 SET
05	36kV CURRENT TRANSFORMER 26.2 kA, 1 SEC. 1600-800/1 A, 4C (1 ph.) (TRAFO/BUS SECT.)		6 NOS.
06	36kV CURRENT TRANSFORMER 26.2 kA, 1 SEC. 400-200/1 A, 3C (1 ph.) (LINE)		30 NOS.
07	36kV POTENTIAL TRANSFORMER (1 ph.) 33kV/√3 / 110V/√3 / 110V/√3 / 110V/√3		6 NOS.
08	30kV, 10kA, STATION CLASS, LIGHTNING ARRESTOR (PORCELAIN) (1 ph.) (LINE)		30 NOS.
09	30kV, 10kA STATION CLASS, LIGHTNING ARRESTOR (POLYMER) (1 ph.) (TRAFO)		06 NOS.
10	33kV/433V, 200kVA, DY11, Z=5% STATION TRANSFORMER		2 NOS.
11	36kV HORN GAP FUSE (3 ph.), 10A		2 SET
12	36kV BUS POST INSULATOR, 4kN		8 NOS.
13	33kV, 5MVAR CAPACITOR BANK ALONG WITH ASSOCIATED ACCESSORIES		2 NOS.
14	33kV OUTDOOR GIS BUS SECTIONALISER 1600A, 25KA, 3 SEC. (3 ph.) (BUS SECT.)		1 SET



LEGENDS :

PRESENT SCOPE
FUTURE / NOT IN SCOPE
BOUNDARY WALL
FENCE
TENSION INSULATOR
SUSPENSION INSULATOR

REV. NO.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
R0	17.10.2025	RELEASED BASED ON DETAILS OF PLOT PLAN, LINE ORIENTATION, APPROACH ROAD AS RECEIVED FROM SE, EHV PC, NAGPUR	DY.E.E.	AD.E.E.	E.E.

REVISION HISTORY

PROJECT : ESTABLISHMENT OF 132/33kV DEORI AIS SUBSTATION, DIST. GONDIA ALONG WITH LILO ON 132kV GONDIA-AMGAON (CKT-II) ON TURNKEY BASIS AGAINST TENDER NO. T-2547 [RFx No. 6000001401]

LOA NO. : MSETCL/CO/Pojects/Pre-tender/Substaton/T-2547/9160 DTD: 17.10.2025

AGENCY : M/s MANIPAL ENERGY AND INFRATECH LTD., MANIPAL (KARNATAKA)

MAHATRANSCO

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
PLOT NO. C-19, 'E' BLOCK, PRAKASHGANGA, BANDRA - KURLA COMPLEX
BANDRA (E), MUMBAI - 400 051

DESIGN DEPARTMENT

TITLE : ELECTRICAL LAYOUT PLAN

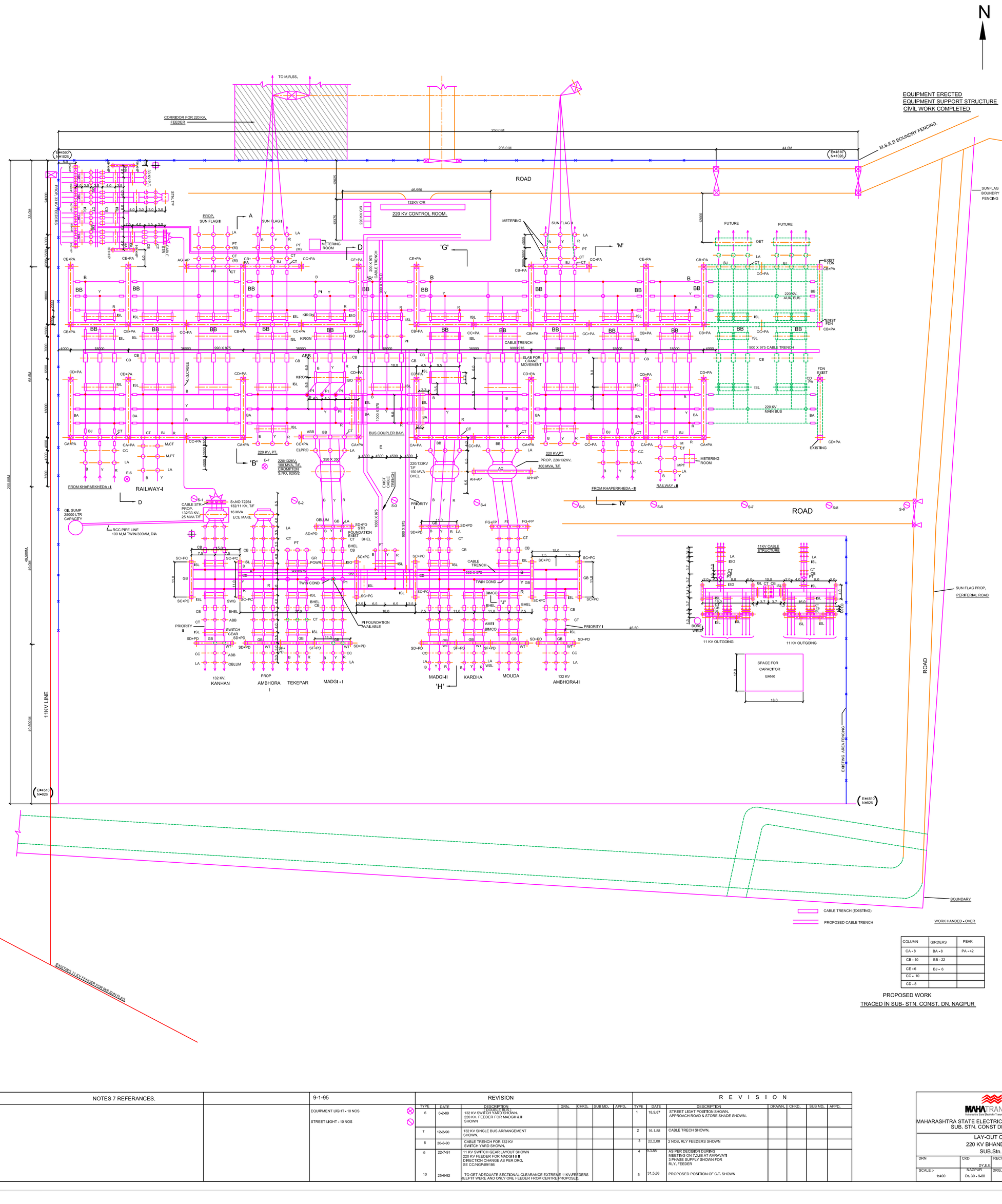
	NAME	SIGN	DATE
APPROVED	E.E.		17.10.2025
CHECKED	AD.E.E.		17.10.2025
DRAWN	DY.E.E.		17.10.2025

DRG. NO. : MSETCL/DESIGN-G2/DEORI/886 REV. R0

SCALE : 1:1000

SHEET NO. : 01 OF 01

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COLUMN	GIRDERS	PEAK
CA - 8	BA - 8	PA - 42
CB - 10	BB - 22	
CE - 6	BJ - 6	
CC - 10		
CD - 8		

PROPOSED WORK
TRACED IN SUB- STN. CONST. DN. NAGPUR

NOTES 7 REFERANCES.

9-1-95

EQUIPMENT LIGHT - 10 NOS

STREET LIGHT - 10 NOS

REVISION

TYPE	DATE	DESCRIPTION	DRN.	CHKD.	SUB MD.	APPD.
6	6-2-89	DOUBLE BUS. 132 KV SWITCH YARD SHOWN, 220 KV. FEEDER FOR MADGI I & II SHOWN				
7	12-2-90	132 KV SINGLE BUS ARRANGEMENT SHOWN.				
8	30-8-90	CABLE TRENCH FOR 132 KV SWITCH YARD SHOWN.				
9	22-7-91	11 KV SWITCH GEAR LAYOUT SHOWN 220 KV FEEDER FOR MADGI I & II DIRECTION CHANGE AS PER DRG. SE CC/NGP/89/186				
10	25-6-92	TO GET ADEQUATE SECTIONAL CLEARANCE EXTREME 11KV FEEDERS KEEP IT WERE AND ONLY ONE FEEDER FROM CENTRE PROPOSED.				

R E V I S I O N

TYPE	DATE	DESCRIPTION	DRAWN.	CHKD.	SUB MD.	APPD.
1	18.9.87	STREET LIGHT POSITION SHOWN, APPROACH ROAD & STORE SHADE SHOWN.				
2	16.1.88	CABLE TRECH SHOWN.				
3	22.2.88	2 NOS. RLY FEEDERS SHOWN				
4	9.3.88	AS PER DECISION DURING MEETING ON 7.3.88 AT AMRAVATI 3 PHASE SUPPLY SHOWN FOR RLY. FEEDER				
5	31.5.88	PROPOSED POSITION OF C.T. SHOWN				

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MAHARASHTRA STATE ELECTRICITY TRANSMISSION Co.Ltd.
SUB. STN. CONST DN. NAGPUR

LAY-OUT OF
220 KV BHANDARA
SUB.Stn.

DRN	CKD	RECOMM.	APPD
	DY.E.E	E.E.	

SCALE :-	NAGPUR	DRG. No.
1:400	Dt. 30 - 9-88	287.51

Information of End Bays for Establishment of 400/220/132kV Sakoli Substation				
Sr No	**Particulars**	**Details**		
		220 kV Bhandara Stn	**132kV Sakoli Stn**	**132kV Morgaon Arjuni Stn**
1	Space availability for end bays (Give details Space availibility in existing Substation / Space available for GIS bays/ purchase of land for end bays)	Space available at 220 kV Bhandara for 02 nos AIS 220 kV bays (Note-220 KV Line termination is feasible by U/G cable only at Bhandara S/stn end as 33/11 KV Discom S/stn is falling in Line corridor)	Space is available at 132 kV Sakoli Ss for 02 nos 132kV AIS bays subject to shifting of MSEDCL store after which AIS arrangement is possible. (Note-1) Existing bus is single coductor which needs to upgrade to twin conductor 2) 132 KV Line termination is feasible by U/G cable only at Sakoli end)	Space is not available for 132 KV AIS bays. 2 no 132 KV GIS Line bays with GIS Bus Coupler bay can be accomodated at existing available space by extension of 132 KV Bus by UG Cable
2	Is there any land development required	Yes	Yes	Yes
3	Details of cable trenches required (i.e. size and length)	size-900x900 , length-36 mtr	size-900x900 , length-24 mtr	size-900x900 , length-36 mtr
4	Details of chainling fencing requirement for swithyard	Not required	Not required	Not required
5	Requirement of BCR if any	No	No	No
6	Availability of space for C&R Panels in existing Control room(Yes/No)	Yes	No (Space for C&R Panels in existing CR is not available. Extension of CR is required))	Yes
7	Availability of spare feeders in ACDB and DCDB(Yes/No)	Yes	Yes	Yes
8	Availability of space in existing cable trench for extension work(Yes/No)	Yes	Yes	Yes
9	Make and model of Busbar protection scheme	220 KV BB protection- Make- NR Model- PCS-915 132 KB BBprotection- Make NR, Model- PCS- 915	Bus bar protection is not provided.	Make : GE T&D Model: B 90
10	Make and model of SAS and VMS with drawing if any	SAS is not available. SIMENS make RTU DC SCADA is available for real time visibility to LD VMS make - Axis Communication	SAS and VMS not available	SAS - Make : Alstom Model: DS Agile VMS not available
	Whether the existing VMS System has sufficient capacity for augmentation of cameras to be supplied under present scope(Yes/No)	Yes	No	No
11	Availability of CU and PU for the bays under present scope of extension work.(Yes/No)	Yes	Bus bar protection is not provided.	Yes
12	Sufficiency of existing battery, DG set, battery charger and LT transformer capacity for extension work(Yes/No)	Yes	Yes	Yes

13	Space in existing cable trench(Yes/No)	Yes	Yes	Yes
14	Whether the adjacent gantry is suitable for Bay extension or not.(Yes/No)	Yes	Yes	NA
15	At existing busbar protection provision for future bays and also PUs for future bays(Yes/No)	Yes	Bus bar protection is not provided.	Yes
16	i) Details regarding existing FOTE: *1. Make:* *2. Model:* *3. Capacity:* *4. Spare optical port availability:* *ii) Availability of PLCC if yes provide the details* *1. Make:* *2. Model:* *3. Capacity:* *4. Spare optical port availability:*	No	No	No
17	OPGW availability (Yes/No) / OPGW-fibre Nos	No	No	No
18	Whether The main header of the firefighting system shall be suitable for extension to bays covered under the future scope.(Yes/No)	Not provided	Not provided	Not provided
19	Whether the existing Fire Protection panels shall have sufficient spare modules for integration of bays to be extended under present scope(Yes/No).	Not provided	Not provided	Not provided
20	Spacing of existing Earthmat.(Yes/No)	15 mtr	8 mtr	10 mtr
	Require Drawings/Documents of Following			
21	GA , SLD and Layout of the existing Substation with scope of work clearly marked on it.	Attached	Attached	Attached
22	Earthmat layout, General arrangement diagram, SAS Architecture, DSLP, Layout, EKD, Cable trench, structure, for existing substations.	Earthmat layout attached	Earthmat layout attached	Earthmat layout attached
23	Details of D/C LILO line 400 kV Wardha (PG)- Raipur (PG)			
	1) Technical specifications of Conductor	ACSR Moose Quad		
	2) OPGW	OPGW not provided		
		EHV O&M DN Bhandara	EHV O&M DN Bhandara	EHV O&M DN Bhandara
		EHV O&M Circle Nagpur	EHV O&M Circle Nagpur	EHV O&M Circle Nagpur
		EHV PC O&M Zone Nagpur	EHV PC O&M Zone Nagpur	EHV PC O&M Zone Nagpur

Dated: 16.02.2026

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
1.	RFP	"Final Offer" shall mean the Quoted Transmission Charges, required to be submitted as part of the Financial Bid on the electronic bidding platform during the e-reverse bidding stage. In case, no Final Offer is received during the e-reverse bidding stage then the lowest "Initial Offer" shall be deemed to be the Final Offer;	Presently, details of L-1 bidder are not displayed on conclusion of e-RA if there is no receipt of counterbids. In case, two bidders have quoted the same L1, they would be under false impression of having L1 tariff of their own and may not offer further competitive offer. In such scenario, e-RA shall end resulting in premature conclusion of e-RA process. It is requested to update the e-RA platform accordingly to reflect the status of L1 bidder under the above scenario.		For transparency of the competitive price discovery through e-RA	As per provisions of RFP, bidders have to quote transmission charges up to 2 decimal points. Therefore, it is practically not possible to have same Initial Offer from two or more bidders. However, if such situation arises, appropriate decision will be taken by the competent authority.
2.	**RFP document** **and TSA**	**Provisions of RFP** Clause 1.5 .... The TSP shall ensure transfer of all project assets along with substation land, right of way and clearances to STU or its successors or an agency as decided by the State Government after 35 years from COD of project at zero cost and free from any encumbrance and liability. The transfer shall be completed within 90 days after 35 years from COD of project failing which STU shall be entitled to take over the project	Query-1 Treatment of tax application at the end of the life of assets. As per section 50C of Income tax act, in case sale consideration received or claimed to be received by seller on sale of land or building or both is less than value adopted by stamp valuation authority (SVA), such value adopted by SVA would become actual sale consideration received or accruing to the seller. Therefore, capital gain would be Valuation as per stamp valuation authority reduced by cost/indexed cost of acquisition.			Query-1, 2 and 5 The TSP shall ensure transfer of all project assets along with substation land, right of way and clearances to STU or its successors or an agency as decided by the Government of Maharashtra after 35 years from COD of project at zero cost and free from any encumbrance and liability.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		assets Suo moto. **Provisions of TSA** Definitions: "Project Assets" shall mean all physical and other assets relating to and forming part of the Project including: (a) rights over the Site for substations, ROW for transmission lines; (b) tangible & intangible assets such as civil works and equipment including foundations, embankments, pavements, electrical systems, communication systems, relief centres, administrative offices, Substations, software, tower and sub-stations designs etc; (c) project facilities situated on the Site; (d) all rights of the TSP under the project agreements; **(e) financial assets, such as receivables, security deposits etc;** **(f) insurance proceeds; and** (g) Applicable Permits and authorisations relating to or in respect of the Transmission System;"	Treatment of Capital tax and applicable TDS to be clarified. Query-2 Modality of transfer of assets to be defined. In case only assets to be transferred then application of stamp duty & other taxes and its treatment to be clarified. Query-3 Modalities for O&M, other expenditure etc. for the transition period of 90 days may be confirmed. Availability calculation for the said period? Query-4 There could be delay in receipt of payment against receivables. Further, the TSP might have some pending claims against insurance company. How shall TSP receive these legitimate pending claim or charges after transfer of asset? Query-5			Any taxes, stamp duties and liabilities, as may be applicable, has to be borne by the TSP. Query-3 and 6 The transfer of all project assets along with substation land, right of way and clearances shall be completed at the end of 35 years from COD of the Project. All the expenditure till the transfer of all project assets along with substation land, right of way and clearances shall be borne by TSP. Query-4 The same shall be taken up during the transfer stage.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		2.2.2 Post the Expiry Date of this Agreement, the TSP shall ensure transfer of Project Assets to MSTU or its successors or an agency as decided by the Government of Maharashtra at zero cost and free from any encumbrance and liability. The transfer shall be completed within 90 days of expiry of this Agreement failing which MSTU or its successors or an agency as decided by the Government of Maharashtra shall be entitled to take over the Project Assets Suo moto.	Please confirm that any taxes or charges or cost to be borne by the TSP at the transfer time including sale at value lower than fair value shall be reimbursed to the TSP. These costs are not known at this point of time and might be significant in amount. TSP cannot be exposed such charges. Query-6 Modalities for O&M, other expenditure etc. for the transition period of 90 days may be confirmed.			
3.	RFP	Clause 2.7.2	The important timelines are mentioned in the table including shortlisting and announcement of Qualified bidder, proposed date of issuance of LoI, transfer of SPV etc. It is observed in the past that in case, there is extension in bid submission date, the revised timelines are not being provided regarding issuance of LoI, transfer of SPV etc. Further, in case of delay in shortlisting of qualified bidders, it is requested to provide the updated dates of financial bid opening and date of conduction of e-RA etc., atleast 1 week prior to financial bid opening, to enable bidders to take		For clarity and to comply with SBD requirement	The qualification status is being informed to the bidders invariably. Further, all relevant dates are informed to the bidders, as per provisions of RFP.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			appropriate action for participation in e-RA It is requested to kindly provide the updated table in case of extension in bid submission date/ delay in shortlisting of qualified bidders.			
4.	RFP	2.15.3 After the date of acquisition of the equity shareholding of .... **(Insert the name of SPV)** ..., along with all its related assets and liabilities, by the Selected Bidder, i. the authority of the BPC in respect of this Bid Process shall forthwith cease and any actions to be taken thereafter will be undertaken by the Nodal Agency,	Role of BPC has to be complete.	i. the authority of the BPC in respect of this Bid Process shall forthwith cease and any actions to be taken thereafter will be undertaken by the Long-Term Transmission Customer, save for those which are related to and consequent to the bidding process adopted by the BPC	The BPC shall not relinquish its role after the acquisition but shall have to undertake all activities including providing the certification from the Bid Evaluation Committee etc., and other requirements to enable the Bidder to obtain Transmission license and adoption of Transmission charges. Furthermore, any activity which has an origin traced to the BPC activity/ process has to be owned by BPC and the TSP / LTTC is neither aware nor can be made responsible.	The role of BPC is as per the SBD and hence no change is envisaged. However, it may be noted that the BPC shall fulfil its responsibility of providing the certification from the Bid Evaluation Committee to enable the TSP to obtain Transmission license and adoption of Transmission charges. The details of the contractual obligations (if any) of BPC to be fulfilled by the TSP shall be provided to the bidders along with the tentative Acquisition price of SPV.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
5.	RFP	2.15.3 d. contractual obligations undertaken by the BPC shall continue to be fulfilled by the TSP.	What are the obligations that the BPC has undertaken which needs to be fulfilled by the TSP?	2.15.3 iv. Contractual obligations undertaken by the BPC shall continue to be fulfilled by the TSP if only such contractual obligations have been made available to the bidders 15 days prior to the bid deadline.	Nature of contractual obligations cannot be left open as the same is to be fulfilled by the TSP.	The details of the contractual obligations (if any) of BPC to be fulfilled by the TSP shall be provided to the bidders along with the tentative Acquisition price of SPV.
6.	RFP & TSA	**Provision of RFP** 2.15.4 Within five (5) working days of the issue of the acquisition of the SPV by the Successful Bidder, the TSP shall apply to the State Commission for grant of Transmission License and make an application to the State Commission for the adoption of Transmission Charges, as required under Section – 63 of The Electricity Act 2003 Provision of TSA	Query-1 We request you to consider at least 30 days' time for completion of these activities. Query-2 Definition of working day is not defined in the TSA. Therefore, it is requested to define working day to avoid ambiguity and litigation later on	Within thirty (30) working days of the issue of the acquisition of the SPV by the Successful Bidder, the TSP shall apply to the Commission for grant of Transmission License and make an application to the Commission for the adoption of		Query-1 This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged. Query-2 For this purpose, working day shall mean a day on which the office of the State Electricity Regulatory Commission i.e. MERC is functioning.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		3.1.1.....The TSP shall, within five (5) working days from the date of acquisition of SPV by the Selected Bidder, undertake to apply to the State Commission for the grant of Transmission License and for the adoption of tariff as required under section-63 of the Electricity Act		Transmission Charges, as required under Section – 63 of The Electricity Act 2003		
7.	RFP	2.15.6 If the TSP fails to obtain the Transmission License from the State Commission, it will constitute sufficient grounds for-annulment of award of the Project.	In case TSP fails to obtain the Transmission License the reasons for the same have to be examined.	2.15.6 If the TSP fails to obtain the Transmission License from the Appropriate Commission, the treatment shall be as per provisions 3.3 of the TSA.	Provisions of 3.3 of TSA provides for consequences for non-fulfilment of conditions subsequent. The provisions of RFP as such have to be reflective of TSA.	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.
8.	RFP	General	Kindly confirm: whether the Project / Elements are covered under "Generation linked Project" or "System Strengthening Project"			Refer Clause 1.3 of Section- 1 of RfP.
9.	RFP & TSA	General	In case the Transmission project / elements achieve completion and Interconnection facilities are not ready then			Provisions of RFP Document is amply clear in this regard and shall prevail.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			i) who shall be liable to pay the transmission charges ? ii) what are the regulations in case of mismatch between the transmission projects/elements and between upstream or downstream?			
10.	RFP and TSA	**The definition of Contract Year in RFP is as under:** "Contract Year" shall mean the period beginning on the **Scheduled COD**, and ending on the immediately succeeding March 31 and thereafter each period of 12 ...: And the definition of Contract Year in TSA is as under: "Contract Year", for the purpose of payment of Transmission Charges, shall mean the period beginning **on the COD**, and ending on the immediately ..."	As per RFP, the Contract Year shall start from the Scheduled CoD whereas as per TSA, the Contract Year shall start the CoD. As such, both the definitions are contradictory in nature. It is requested to clarify the correct definition of Contract Year.		To avoid ambiguity	The provisions of TSA are amply clear in this regard and shall prevail.
11.	TSA	Connection Agreement	A draft copy of the Connection Agreement may be furnished. Alternatively, the webpage link may be provided.			Provisions of RFP Documents are amply clear in this regard and shall prevail. Please also refer Clause 2.5.7 of RFP Document.
12.	TSA	"Connection Agreement" shall mean the agreement between the CTU or Maharashtra STU or any other concerned parties and the TSP, setting out the	It is understood the transmission system is Intra-state, kindly confirm whether the *Inter State Transmission System* as per the provisions of the IEGC shall be		For better clarity of Post Winning activities to be carried out by the	Provisions of RFP Documents are amply clear in this regard and shall prevail.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		terms relating to the connection of the Project to the Inter-connection Facilities and use of the Inter State Transmission System/ Intra State Transmission System (as the case may be) as per the provisions of the IEGC/ State Grid Code, as the case may be;	applicable for the subject Intra-state Transmission system as well.		Successful bidder onbehalf of TSP	Please also refer Clause 2.5.7 of RFP Document.
13.	**TSA**	Clause no 2.3: Conditions prior to the expiry of the Transmission License In order to continue the Project beyond the expiry of the Transmission License, the TSP shall be obligated to make an application to the State Commission at least two (2) years before the date of expiry of the Transmission License, seeking the State Commission's approval for the extension of the term of the Transmission License up to the Expiry Date. 2.3.1 The TSP shall timely comply with all the requirements that may be laid down by the State Commission for extension of the term of the Transmission License beyond the initial term of twenty-five (25) years & upto the Expiry Date and the TSP shall keep the Long Term Transmission	There should be a provision in the TSA to cover the revenue loss that may be incurred by the TSP, in the case of the Appropriate Commission not granting extension of the Transmission License beyond the period of 25 years.		The Transmission Charges to be quoted by the bidders would be based on the cash flow generated from the Project for 35 years and if, for any reason not attributable to the TSP (including any change in law), the Transmission License is not extended by the Appropriate Commission beyond 25 years the TSP will suffer significant losses. The RFP / TSA should be suitably modified to provide security of continuation of the transmission	This is as per the SBD and amendments thereof, issued by the Ministry of Power. Bidders are requested to refer Clause 2.5.7 of RFP Document and guidelines of appropriate commission in this regard.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		System User fully informed about the progress on its application for extension of the term of the Transmission License.			business for at least 35 years.	
14.	TSA	3.1.3 The TSP agrees and undertakes to duly perform and complete the following activities **within six (6) months** from the Effective Date (except for c) below), ... c) To submit to the Nodal Agency & Independent Engineer, the Project Execution Plan, immediately after award of contract(s) and maximum within one hundred and twenty (120) days from the Effective Date.. .... h) **To award the Engineering, Procurement and Construction contract ("EPC contract") for the design and construction of the Project and** shall have given to such Contractor an irrevocable notice to proceed; and	As per clause 3.1.3 (viii), the EPC contracts to be awarded in 6 months. Whereas as per clause 3.1.3 (iii), TSP is required to submit Project Execution Plan after awards of Contracts within 120 days. TSP shall not be in a position to submit project plan within 120 days from effective date if the award of EPC contract is awarded after 120 days, but before 6 months period. As such, the timelines mentioned in above clauses are contradictory and the same may be reviewed.		For clarity	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.
15.	**TSA**	Clause 3.3.1: If any of the conditions specified in Article 3.1.3 is not duly fulfilled by the TSP even within three (3) Months..... in		Suggested text to be added at the end of this Article: "..... The additional	The additional CPG is for specific default(s) and once such default(s) cease to exist, this additional amount of	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		accordance with the provisions of this Agreement		Contract Performance Guarantee, if any provided by the TSP for delay in fulfilment of condition subsequent, shall be returned by the STUIL on fulfilment of conditions subsequent by the TSP"	CPG should be returned. Additional CPG cannot be held back by the STUIL till COD of the Project.	
16.	TSA	Clause no 3.3.4: In case of inability of the TSP to fulfil the conditions specified in Article 3.1.3 due to any Force Majeure Event, the time period for fulfilment of the condition subsequent as mentioned in Article 3.1.3, may be extended for a period of such Force Majeure Event. Alternatively, if deemed necessary, this Agreement may be terminated by the Nodal Agency by giving a Termination Notice to the TSP, in writing, of at least seven (7) days, with a copy to the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of	The terms and conditions for termination of the TSA under this Article, including the termination payment and status of the SPV, need to be provided in the TSA.		In case the Force majeure event continues, the TSA will be terminated and the CPG will be returned. Other expenses that would have been incurred till the date of termination of the TSA including the Acquisition Price paid for Acquiring the SPV and other incurred costs shall also be explicitly stated. There should be an explicit provision for refund of the Acquisition Price, along with the	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		this Agreement and the Contract Performance Guarantee shall be returned as per the provisions of Article 6.5.1.			other expenses incurred by the TSP / Selected Bidder till such date of termination.	
17.	TSA	3.3.4 ..... Provided, that due to the provisions of this Article 3.3.4, any increase in the time period for completion of conditions subsequent mentioned under Article 3.1.3, shall lead to an equal increase in the time period for the Scheduled COD. If the Scheduled COD is extended beyond a period of one hundred eighty (180) days due to the provisions of this Article 3.3.4, the TSP will be allowed to recover the interest cost during construction corresponding to the period exceeding one hundred eighty (180) days by adjustment in the Transmission Charges in accordance with Schedule 9 11.7 Available Relief for a Force Majeure Event ..... (e) For avoidance of doubt, the TSP acknowledges that for extension of Scheduled COD a	In case project suffers from Force Majeure event for a period less than 6 months, interest cost during construction may be considered.		For project viability.	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		period up to one hundred eighty (180) days due to Force Majeure event, no compensation on the grounds such as interest cost,.....				
18.	TSA	4.6 Interconnection Facilities: 4.6.1 Subject to the terms and conditions of this Agreement, the TSP shall be responsible for connecting the Project with the interconnection point(s) specified in Schedule 1 of this Agreement. The Interconnection Facilities shall be developed as per the scope of work and responsibilities assigned in Schedule 1 of this Agreement. The Nodal Agency shall be responsible for coordinating to make available the Interconnection Facilities. 4.6.2 In order to remove any doubts, it is made clear that the obligation of the TSP within the scope of the project is to construct the Project as per Schedule-1 of this Agreement and in particular to connect it to the Interconnection Facilities as specified in this Agreement.	It is understood that if interconnection facilities at the interconnection point is not available, whereas TSP has completed rest of the scope of the project, the project shall be considered as deemed COD and TSP shall be entitled to all the benefits envisaged under the TSA.		For clarity.	The provisions of TSA are amply clear in this regard and shall prevail.
19.	Section-I of RFP	**6.1 Connection with the Inter-connection Facilities:**	Reference is drawn to the Order of CERC 4/ADP/2016 dated		Order of CERC 4/ADP/2016 dated 23.03.2016.	Provisions of RFP documents are amply clear. Bidders are

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	And TSA	6.1.1 The TSP shall give the Maharashtra SLDC/ RLDC/MSTU/CTU, as the case may be, and any other agencies as required, at least sixty (60) days advance written notice of the date on which it intends to connect an Element of the Project, which date shall not be earlier than its Scheduled COD or Schedule COD extended as per Article 4.4.1 & 4.4.2 of this Agreement, unless mutually agreed to by Parties. Further, any preponing of COD of any element prior to Scheduled COD must be approved by the Nodal Agency. ..... 6.2.1 An Element of the Project shall be declared to have achieved COD twenty four (24) hours following the connection of the Element with the Interconnection Facilities pursuant to Article 6.1 or seven (7) days after the date on which it is declared by the TSP to be ready for charging but is not able to be charged for reasons not attributable to the TSP subject to Article 6.1.2. Provided that an Element shall be declared to have achieved	23.03.2016. Relevant extract of the Order is reproduced hereunder: "In the event the inter-connection facilities are not ready by SCOD or by revised SCOD (as may be revised by the petitioner and the LTTCs for the purpose of availing incentive as per MOP Policy) on account of non-readiness of the upstream or downstream transmission assets while the petitioner`s transmission system is ready for commissioning, the COD of the transmission assets of the petitioner may be declared in accordance with the provisions of Article 6.2 of the TSA (to be known as "deemed COD") and the LTTCs/developers of the upstream and downstream assets shall be liable to pay the transmission charges from the deemed COD till the transmission assets are put into actual use." From above, it is seen that even in case of SCOD when the systems are declared deemed COD as per Article 6.2 of TSA, till the transmission assets are put into actual use, the transmission charges are liable to be paid by DICs/developers of the upstream and downstream assets.			request to refer to the clause 2.5.7 and guidelines of appropriate commission for further information.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		COD only after all the Element(s), if any, which are pre-required to have achieved COD as defined in Schedule 2 of this Agreement, have been declared to have achieved their respective COD. 6.2.2 Once any Element of the Project has been declared to have achieved deemed COD as per Article 6.2.1 above, such Element of the Project shall be deemed to have Availability equal to the Target Availability till the actual charging of the Element and to this extent, TSP shall be eligible for the Monthly Transmission Charges applicable for such Element.	In such situations, it shall be construed that BPC has obtained consent of the DICs/ Upstream / Downstream / Generators (as applicable) for payment of transmission charges. Further, as per CERC order no. 104/MP/2018 dated 18th September 2018, downstream was directed to pay transmission charges to TSP.			
20.	**TSA**	**Clause 6.3.1 (b)** In case of delay due to Indirect Non Natural Force Majeure Event or Natural Force Majeure Event affecting the Nodal Agency, TSP is entitled for payment for debt service which is due under the Financing Agreements, subject to a maximum of Transmission Charges calculated on Target Availability, for the period of such events in excess of three (3) continuous or non-	Clause 6.3.1 (ii) covers the loss on debt amount which includes, due to Indirect Non-Natural Force Majeure Event or Natural Force Majeure Event affecting the LTTC, TSP is entitled for payment for debt service which is due under the Financing Agreements. However, any loss on the equity is not covered in the above clause. In order to compensate for the loss due to Indirect Non-Natural Force Majeure Event or Natural Force Majeure Event affecting the Long Term Transmission Customer,			Referred clause is as per SBD and amendments thereof, issued by Ministry of Power, Government of India, and shall prevail.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		continuous Months in the manner provided in (c) below.	compensation to both equity as well as debt to be covered as per clause 6.3.1 (a).			
21.	TSA	ARTICLE: 10 BILLING AND PAYMENT OF TRANSMISSION CHARGES Clause no. 10.1: Subject to provisions of this Article 10, the Monthly Transmission Charges shall be paid to the TSP, in Indian Rupees, on monthly basis as per the provisions of the MERC MYT Regulations, from the date on which an Element(s) has achieved COD until the Expiry Date of this Agreement, unless terminated earlier and in line with the provisions of Schedule 4 of this Agreement.		Subject to provisions of this Article 10, the Monthly Transmission Charges shall be paid to the TSP, in Indian Rupees, on monthly basis as per the provisions of the Sharing Regulations, from the date on which an Element(s) has achieved COD **or deemed to have achieved COD** until the Expiry Date of this Agreement, unless terminated earlier and in line with the provisions of Schedule 4 of this Agreement.	As per clause 6.2 of the TSA, the TSP is eligible for payment of Transmission charges from the date of deemed COD.	Referred clause is as per SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
22.	TSA	ARTICLE: 10 BILLING AND PAYMENT OF TRANSMISSION CHARGES 10.2 The Monthly Transmission Charges for each Contract Year including Incentive & Penalty payment shall be calculated in accordance with the provisions of Schedule 4 of this Agreement . 10.3 Rebate & Late Payment Surcharge: The rebate and late payment surcharge shall be governed as per MERC MYT Regulations.	As per Schedule 4 of TSA, calculation for Monthly Transmission charges including incentive or penalty has been illustrated. It is understood that clause 10.2 is the governing agreement regarding availability and incentive. Kindly confirm the same As per MERC (MYT Regulations), it is understood from the clause that rebate is limited to only 1%. Kindly confirm the same.		To assess the risk of the project	The provisions of TSA Document are amply clear in this regard and shall prevail.
23.	TSA	ARTICLE: 10 BILLING AND PAYMENT OF TRANSMISSION CHARGES 10.4 Any Disputed Bill, Default in payment by the LTTUs & Annual Reconciliation shall be governed as per MERC MYT Regulations and Transmission Pricing Framework in the State of Maharashtra	Article 10 i.e., Billing and payment of transmission charges is silent on parameters inter-alia **Payment Security Mechanism & Establishment of Letter of Credit.** In case of default in payment by LTTSU to TSP, kindly provide the detailed clauses Article 10 explicitly stating the parameters viz. **Payment Security Mechanism & Establishment of Letter of Credit**		To assess the risk of the project	The provisions of TSA Document are amply clear in this regard and shall prevail. Please also refer Clause 2.5.7 of RFP Document and guidelines of appropriate commission in this regard.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			as generally being mentioned for Intra-state projects in Madhya Pradesh, Odisha etc.			
24.	TSA	11.4 Force Majeure Exclusions 11.4.1 (g) Any error or omission in the survey report provided by BPC during the bidding process.	The survey report furnished by BPC has to be accurate and any error or omission has to be owned by the BPC. Professional fees including fees for survey report is also claimed by BPC.			This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged. Please also refer Clause 2.5.7 of RFP Document.
25.	TSA Clause 12.1.1	Clause 12.1.1 Change in Law means the occurrence of any of the following **after the Bid Deadline** resulting into any additional recurring / non-recurring expenditure by the TSP or any savings of the TSP....	It is mentioned that in case any change in law event occurs on bid submission date or just prior to bid submission date, the bidders shall not have adequate time to understand the cost implication of such change in law event. Bidders cannot be exposed to such uncertainties and thereafter it is requested to consider any event **after 7 days prior to bid deadline as Change in Law event.** Furthermore, the bid submission is fixed at 12 noon. Whereas change in event could happen during the day even after 12 noon. Such clause can have serious implications on the viability of the project.			This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged. Please also refer Clause 2.5.7 of RFP Document.
26.	**TSA**	12.1.2 Notwithstanding anything contained in this	Any tax applied on the income or profits of the TSP need to be covered under change in law.		Tax is an element beyond the control of the TSP.	This is as per the SBD and amendments thereof, issued by the

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		Agreement, Change in Law shall not cover any change: a. Taxes on corporate income; and; Withholding tax on income or dividends distributed to the shareholders of the TSP.			Change in tax or introduction of any tax is covered under change in law. Tax rate applicable on the income or profits of the TSP is beyond the control of the TSP and to assume the same for 35 years shall be a risk which is best assumed by the LTTCs accordingly this is to be reviewed.	Ministry of Power and hence, no change is envisaged. Please also refer Clause 2.5.7 of RFP Document.
27.	**TSA**	**Clause 13.7** If Agreement is terminated on account of Force Majeure Events, non-requirement of any Element or Project during Construction, Nodal Agency's non-fulfilment of Role & TSP's Event of Default, the TSP shall be entitled for Termination Payment equivalent to valuation of Project Assets. Upon payment, the Nodal Agency shall take over the Project Assets .	Kindly furnish the methodology of calculation of valuation of project asset.		For clarity	Valuation of project assets shall be done as per the prevailing industry practices. Further, please refer Clause 18.2 e) of TSA.
28.	RFP	Clause 2.1.2	As per QR, the capital expenditure under reference shall be as		For more clarity for submission of	The provisions of RFP Document are amply

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		"Experience of development of projects in the Infrastructure Sector in the last five (5) years with aggregate capital expenditure of not less than Rs..... Crore or equivalent USD (calculated as per provisions in Clause 3.4.1). However, the capital expenditure of each project shall not be less than Rs..... Crore or equivalent USD (calculated as per provisions in Clause 3.4.1). For this purpose, capital expenditure incurred on projects that have been commissioned/ completed at least seven (7) days prior to Bid Deadline shall be considered. The capital expenditure discussed above shall be as capitalized and reflected in the audited books of accounts of the Technically Evaluated Entity....."	capitalised and reflected in the audited books of accounts of Technically Evaluated Entity. In above regard, please clarify the following: Whether entire capital expenditure of various Project(s), meeting the value-wise threshold requirements of QR, as capitalised in last five years in the audited books of accounts of Technically Evaluated Entity, shall be considered. OR Whether only the capital expenditure incurred in the last five years of such Project(s), capitalised in last five years in the audited books of accounts of Technically Evaluated Entity, shall be considered.		appropriate QR credentials	clear in this regard and shall prevail.
29.	RFP	Clause 2.11 2.11.1 Each Bidder shall submit the Bid accompanied by Bid Bond issued by any of the Banks listed in Annexure-17. The Bid Bond shall be valid for a period of thirty (30) days beyond the validity of the Bid.	Verification of issued bid bond is done by the beneficiary bank of the BPC through SFMS platform from the issuing bank of the bidder. In above regard, BPC is requested to provide following details.		Bidder needs information for issuance of Bid Bond	Requisite details have already been provided in the RFP document.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			- Bank account detail of beneficiary along with IFSC code and Branch address Unique Identifier of the beneficiary (if applicable) (The unique identifier needs to be incorporated by the issuing bank in Field 7037 of the IFIN 760 COV/IFIN COV while transmitting verification messages to the Beneficiary Bank through SFMS).			
30.	RFP	Annexure 14 (Format of the Bid Bond) Addressee details are not mentioned in the beginning of the format Annexure 14 (Format of the Bid Bond) "....In consideration of the....."	Addressee details to whom Bid Bond is to be addressed are not mentioned in the Bid Bond Format. It is requested to mention the followings at starting of the format: Annexure 14 (Format of the Bid Bond) ***" To,*** ***Designation of officer*** ***Name of BPC*** ***Address of BPC*** In consideration of the....."			This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged. Further, the particulars of BPC are mentioned at Pg. no. 7 of RFP.
31.	RFP	Clause 1.6.2.2 – The details and documents as may be obtained by the BPC/ project specific SPV in relation to the Project shall be handed over to the TSP on an as-is-where-is basis, so that it may	BPC to get the **GST registration and GST TAN** registration in the name of SPV in the State of Project execution where supply of Goods and Services shall take place.		For immediate commencement of execution of work by the SPV upon acquisition by the successful bidder.	BPC will complete its responsibilities as listed in the RFP documents. Please also refer to Clause 1.6 & 2.5.7 of the RFP document.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		take further actions to obtain **Consents, Clearances and Permits**				
32.	SPA	Clause 1.2 (i) "Acquisition Price" shall mean INR _____ (Rupees _____ __ only) [Insert the value of the Acquisition Price, both in figures and in words respectively], which is the aggregate consideration payable by the Selected Bidder towards purchase of the Sale Shares at par along with assets and liabilities of the Company as on the Closing Date subject to adjustment as per the **audited accounts of the Company** as on the Closing Date;	As per clause 1.2 (i) of the Share Purchase agreement, BPC is required to provide audited financial statement as on the closing date for adjustment, if any, in regard to aggregate consideration for acquisition of the SPV. It is requested to BPC to furnish **audited financial statement within 15 days** of the closing date.		Audited financial statement is required for accounting in the books of successful bidder to ascertain acquisition price on closing date. An undertaking that the audited financial statements shall be provided within 15 days from the closing date may be furnished by BPC for making the payment of acquisition price by successful bidder.	Provisions of SPA shall prevail.
33.	ANNEXURE 3 - FORMAT FOR EVIDENCE OF AUTHORIZED SIGNATORY 'S AUTHORITY	...Know all men by these presents, We ....(**name and address of the registered office of the Bidder**...	As per the format of Power of Attorney, the bidder is required to mention the name and registered office of the bidder. In case corporate office of the bidder is in different state than that of its registered office, can the bidder execute the Power of Attorney in the state of its corporate office?		For clarity and simplification of bidding process	PoA will be given on stamp paper of the State where the person is executing it and getting it notarized. Since corporate office is generally the functional office of the company, Bidder can execute the PoA in the state of its corporate office if that is

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						the seat of the Principal executing the PoA.
34.	Clause No. 2.5, Section – II of RFP Documents	2.5 The Bidding Process ... ... The initial period for conducting the e-reverse bidding should be 2 hours which will be extended by **30 minutes** from the last received bid time, if the bid is received during the last **30 minutes** of the scheduled or extended bid time. Subsequently, it will be extended again by **30 minutes** from the latest received bid time.		2.5 The Bidding Process .... The initial period for conducting the e-reverse bidding should be 2 hours which will be extended by **15 minutes** from the last received bid time, if the bid is received during the last **15minutes** of the scheduled or extended bid time. Subsequently, it will be extended again by **15 minutes** from the latest received bid time. **In case e-Reverse**	As per revised Standard Bidding Documents, the bidders are required to quote single annual Transmission Charge from the date of SCOD of the project till expiry date in initial bid and in the e-RA. During e-RA, the initial time period for e-RA is 2 hours with extension of 30 minutes from last bid. In this regard, it is submitted that the bidder is required to quote single number as annual transmission charges. Further, there is option for automatic reduction in e-RA portal. Therefore, the extension of 30 minutes from last bid submission may be reduced to 15 minutes. Further, in case the bidding extends	This is as per the SBD and amendments thereof, issued by the Ministry of Power. Hence, no change is envisaged.

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				Bidding is not completed by 20:00 Hrs (IST), then the e-Reverse Bidding shall be paused and will resume on the next working day at 10:00 Hrs (IST). The prevailing L1 bidder at the time of pause on the previous day shall continue to be the L1 bidder at resumption of e-Reverse Auction. On resuming, the e-Reverse Bidding shall conducted for 60 minutes, which will be extended by 15 minutes from the last received bid time, if the bid is received during the last	beyond office hours, the e-RA may be paused and resumed on the next working day as being followed by major eps providers including Mjunction etc.	

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				15minutes. Subsequently, it will be extended again by 15 minutes from the latest received bid time. **The above shall continue till the e-Reverse Bidding gets concluded.** …. ….		
35.	RFP	1.5 The objective of the bidding process is to select a Successful Bidder pursuant to this RFP, who shall acquire one hundred percent (100%) of the equity shares of ……. (Insert the name of SPV), along with all its related assets and liabilities as per the provisions of the Share Purchase Agreement, at the Acquisition Price to be intimated by the BPC, twenty (20) days prior to the Bid Deadline.	RfP bid submission shall be scheduled accordingly.		For preparation and submission of RfP Bid on time.	Bidder's understanding is correct
36.	RFP	**2.3 Clarifications and Pre-Bid Meeting**	The response for clarifications sought by prospective bidders shall be provided at least 2 weeks prior to bid deadline, so that price		For preparation and submission of RfP Bid on time.	Timelines as specified in the RFP Document shall prevail.

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		2.3.1 The Bidders may seek clarifications or suggest amendments to the RFP by sending an email to the BPC at the email id indicated in Clause 2.14 within the date and time mentioned in Clause 2.7.2. For any such clarifications or amendments, the Bidders should adhere to the format as per Annexure – 19.	implications, if any, can be accounted for in the RfP bid.			
37.	RFP	**2.5 The Bidding Process** The entire bidding process shall be conducted on electronic bidding platform created by **MSTC Limited**...	The event of Bid Submission shall be kept live on the MSTC portal at least 1 week prior to bid deadline.		For preparation and submission of RfP Bid on time.	Sufficient time shall be given to the bidders after creation of event on the MSTC portal.
38.	**TSA**	1.3 SLDC Fee & Charges The payment of SLDC fee & charges, in accordance with relevant regulations of MERC, shall be the responsibility of the TSP.	It is understood from MERC, MYT Regulations that SLDC charges & fee are to be payable by the LTTSUs and the TSP is not required to pay any fee & charges. In case of requirement of SLDC fee & charges, then kindly provided the SLDC fee & charges to be paid by TSP to SLDC.		For realistic estimation of the tariff	Payment of SLDC fees and charges as per relevant Regulations of MERC if applicable for TSP shall be borne by TSP only.
39.	RfP	.... The TSP will be required to establish the following Intra State Transmission Project, i.e., Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)..	Kindly confirm whether 400/220/132 kV AIS Sakoli (Dist. Bhandara) is generation pooling substation or load serving substation or intermediate Substation.		For clarity and determination of tariff.	The information is already provided in survey report.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply

Name of the Transmission Element	Scheduled COD
Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level..	24 months
...	
....	
....	

....

1.6.1.1 ... ...
Further, the actual location of Greenfield substations (Switching Stations or HVDC Terminal or Inverter Stations) in the scope of TSP:

- For a Generation Pooling Substation shall not be beyond 3 Km radius of the location proposed by the BPC in their Survey Report.
- For Load Serving Substation within the scope of TSP shall not be beyond 5 Km radius of the location proposed by the BPC in their Survey Report.

For an Intermediate Substation shall not be beyond 10 Km

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		radius of the location proposed by the BPC in their Survey Report.				
40.	Cl. 5.1.4 of TSA	…….. d) Seeking access to the Site and other places where the Project is being executed, at its own risk and costs, including payment of any crop, tree compensation or any other compensation as may be required.	As per guidelines of revised policy issued by Govt of Maharashtra dated 02/11/2022 about giving compensation for land occupied for execution of very high-tension transmission lines in state: *1) The compensation should be given at the double rate of the average determined by district/ sub divisional level evaluation committee for the area occupied by high tension tower on the basis of rates prevailing at that time in that concerned area as per ready reckoner or the average rate of land sell purchase in last 3 years.* *2) The compensation should be given at the rate of 15% of the average determined by district/ sub divisional level evaluation committee for the area occupied by line corridor of very high-tension lines on the basis of rates prevailing at that time in that concerned area as per ready reckoner or the average rate of land sell purchase in last 3 year whichever is more.* *3) In addition to compensation mentioned in above 2, compensation should be given*		Bidder needs information for Proper estimation	Refer to Clause 2.5.7 of the RFP.

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			at the rate of 15% of the average determined by district/ sub divisional level evaluation committee for the area occupied by line corridor of very high-tension lines as 'No Use Allowance' on the basis of rates prevailing at that time in that concerned area as per ready reckoner or the average rate of land sell purchase in last 3 year whichever is more. 4) *In brief, for the area occupied by line corridor of very high-tension lines 15% as per above 2 and additional 15 % as per above 3 thus total 30% compensation will be payable.* It is gathered that land sell purchase of last 3 years is not available, however, ready reckoner rate of concerned area is made available by Govt. of Maharashtra through https://igreval. maharashtra.gov.in/eASR2.0/frmMap.aspx. Accordingly, we understand that available ready reckoner rate of concerned area shall be considered while preparing the tariff bid. However, at the time of execution of project, in case of, increase in ready reckoner rate/ increase in average			

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			rate determined by district/ sub divisional level evaluation committee w.r.t. prevailing ready reckoner rate considered during bidding to determine the land compensation, the same shall be claimable under 'Change in law'. Kindly confirm our understanding.			
41.	RFP	**Clause 1.6.2.1 (2):** To obtain approval for laying of overhead transmission lines under Section 68 of Electricity Act, from the Government at least twenty (20) days prior to Bid Deadline.	It is requested you to kindly provide present status of process initiated by BPC with regard to section 68 approval.			The approval u/s 68 of Electricity Act will be shared with the successful bidder.
42.	RFP	**Clause 1.6.2.1 (4):** To initiate process of seeking forest clearance, if required.	It is requested you to kindly provide present status of Forest Clearances if any transmission line corridor area falling in wildlife forest / reserve forest/ mangroves.			BPC will complete its responsibilities as listed in the RFP documents. Please also refer Clause 1.6 & 2.5.7 of the RFP document.
43.	RFP	**Clause 1.6.2.2:** The details and documents as may be obtained by the BPC/ project specific SPV in relation to the Project shall be handed over to the TSP on an as-is-where-is basis, so that it may take further actions to obtain Consents, Clearances and Permits	Please provide copy of all such document available with you from the State Government and/or Ministry of Power and/or kindly facilitate for State Support Agreement.			Pursuant to the selection of the TSP, the support will be provided on case-to-case basis, within applicable laws and regulatory framework.
44.	RFP	Clause 1.10	We request you to share all such documents or correspondence			Pursuant to the selection of the TSP, the support

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		The Ministry of Power and the appropriate state government(s) shall provide their support to the TSP, on best endeavor basis, in enabling the TSP to develop the Project.	happened with MOP and State Government, this will help the TSP is taking further approvals for the project.			will be provided on case-to- case basis, within applicable laws and regulatory framework.
45.	RFP	Clause 2.15.2 Within ten (10) days of the issue of the Letter of Intent, the Selected Bidder shall: a) provide the Contract Performance Guarantee in favour of the Nodal Agency as per the provisions of Clause 2.12 b) execute the Share Purchase Agreement and the Transmission Service Agreement acquire, for the Acquisition Price, one hundred percent (100%) equity shareholding of [Insert the name of the SPV] from REC Power Development and Consultancy Limited, who shall sell to the Selected Bidder, the equity shareholding of	BPC will appreciate that the completion of said activities by the Selected Bidder within ten (10) days after issuance of LoI is very stringent. Also, execution of SPV / signing of share purchase agreement is not within the control of TSP as it is dependent on certain regulatory approvals as well. We therefore request to consider at least 30 days' time for completion of these activities as well as provide a carve out for consequences if the delay is not on account of TSP.			Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		on the part of the Selected Bidder shall constitute sufficient grounds for cancellation of the Letter of Intent. In such cases, the BPC / its authorized representative(s) shall be entitled to invoke the Bid Bond of the Selected Bidder.				
49.	RFP	**Clause 2.4.3** The amendment to the RFP shall be notified to all the Bidders through the electronic bidding platform and shall be binding on them.	We understand that the BPC will also continue to share amendments / corrigendum through emails as per the current practice.			Bidder's understanding is correct.
50.	RFP	**Clause 3.6.1** However, if no bid is received during the e-reverse bidding stage then the Bidder with lowest quoted initial transmission charges ("Initial Offer") during e-bidding stage shall be declared as the Successful Bidder, ...	We request you to clarify, if two or more bidders quote the same initial offer which turns out to be prevailing lowest levelized tariff and no further discount is offered by any bidder during e-reverse auction. In such case what will be the modality BPC will follow for award of project. BPC to confirm			As per provisions of RFP, bidders have to quote transmission charges up to 2 decimal points. Therefore, it is practically not possible to have same Initial Offer from two or more bidders. However, if such situation arises, appropriate decision will be taken by the competent authority.
51.	RFP	General	1) We request you to kindly accept the Board resolutions passed by Management Committees formed by the Board		The board meeting of Bidding Company / TEE may not be	1) No Change. The provisions of RFP Document are amply clear in this regard and shall prevail.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			of Directors of Bidding Company and TEE / affiliate respectively and duly authorized by the Board of Directors for participation in various tenders issued by Govt. authorities in response to the RFP submission. 2) We request you to clarify whether there are any deviations/addition in the RFP/TSA documents from the Standard Bidding documents (SBD) and if any, whether approval for the same has been taken or not. Please provide the list of the same, if any.		scheduled till RFP submission. Thus, we request you to kindly consider the board resolution passed by the management committee formed by the board of directors' w.r.t. Authorization from Bidding Company and TEE.	2) The RFP/ TSA Documents are as per the Standard Bidding Documents (SBDs) and subsequent amendments issued by the Ministry of Power, GoI; however, wherever required, the provisions have been amended/ modified to align the same to meet the Intra State Rules and Regulations stipulated by the GoM and applicable to the Project.
52.	**RFP**	ANNEXURE 22 – FORMAT FOR AFFIDAVIT	We understand that the declaration and details with respect to conviction and investigation is to be provided for Affiliate / Parent company of the Bidding company only if such an Affiliate / Parent company is being used for meeting financial / technical qualification requirements.			The declaration and details with respect to Clause 2.1.9 of RFP documents is to be provided by the bidding company including Affiliate / Parent company of the Bidding company being used for meeting financial / technical qualification requirements as per Annexure 22 of the RFP document.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		[Insert the name of the SPV], along with all its related assets and liabilities;				
46.	RFP	Clause 2.15.2 Stamp duties payable on purchase of one hundred percent (100%) of the equity shareholding of [Insert the name of the SPV], along with all its related assets and liabilities, shall also be borne by the Selected Bidder.	We request you to provide Applicable Stamp Duty Charges and Amount of Stamp Paper for the following agreements: i. Transmission Service Agreement ii. Share Purchase Agreement iii. Power of Attorney iv. Share Transfer Form It will be helpful if you can specify the name of 1st party and 2nd party for purchase of stamp papers.			Please refer Clause 2.5.7 of the RFP Document. Name of the 1st party and 2nd party would be as per respective document /agreement.
47.	RFP	Clause 2.15.4 Within five (5) working days of the issue of the acquisition of the SPV by the Successful Bidder, the TSP shall apply to the Commission for grant of Transmission License and make an application to the Commission for the adoption of Transmission Charges, as required under Section – 63 of The Electricity Act 2003.		Clause 2.15.4 may be reworded as below - Within ten (10) working days of the issue of the acquisition of the SPV by the Successful Bidder, the TSP shall apply to the Commission for grant of	The condition to apply for grant of transmission license and make application for adoption of transmission charges within 5 days is onerous. Request to please change the relevant provisions as per the suggested text in RFP and TSA	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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				Transmission License and make an application to the Commission for the adoption of Transmission Charges, as required under Section – 63 of The Electricity Act 2003.		
48.	RFP	Clause 2.15.5 If the Selected Bidder / TSP fails or refuses to comply with any of its obligations under Clauses 2.15.2, 2.15.3 and 2.15.4, and provided that the other parties are willing to execute the Share Purchase Agreement and REC Power Development and Consultancy Limited is willing to sell the entire equity shareholding of [Insert the name of the SPV], along with all its related assets and liabilities, to the Selected Bidder, such failure or refusal	It is requested to kindly clarify as to what will be the consequences if the Selected Bidders fails to comply with any of Its obligations under 2.15.2, 2.15.3 and 2.15.3 due to reasons beyond the control of or not attributable to Selected Bidder / TSP. As the consequences for failure to comply the obligations under 2.15.2, 2.15.3 and 2.15.3 is the cancellation of Letter of Intent (LOI). We request you to reconsider the same as it would be unfair if LOI of selected bidder is cancelled due to reasons beyond its control.			The provisions of RFP Document are amply clear in this regard and shall prevail.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
53.	TSA	**Clause 1.6.1.5** The TSP shall seek approval under Section 164 of Electricity Act, from CEA after acquisition of [Insert the name of the SPV], The approval shall be granted by CEA generally within 30 days but in no case later than 45 days from the date of receipt of application (complete in all aspects).	It is requested you to kindly clarify whether process of obtaining authorization U/s 164 of Electricity Act, 2003 would be initiated by BPC.	It is suggested that BPC may initiate the process for obtaining approval U/s 164 based on the survey undertaken by BPC.	It may be appreciated that obtaining approval U/s 164 takes considerable time. In the interest of timely completion of project, it is suggested that BPC may initiate the process U/s 164.	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power and hence, no change is envisaged. However, BPC will complete its responsibilities as listed in the RFP documents.
54.	TSA	If any of the conditions specified in Article 3.1.3 is not duly fulfilled by the TSP even within three (3) Months after the time specified therein, then on and from the expiry of such period and until the TSP has satisfied all the conditions specified in Article 3.1.3, the TSP shall, on a monthly basis, be liable to furnish Long Term Transmission System Users additional Contract Performance Guarantee Rupees One Crore and Sixty-Seven Lakh (Rs. 1.67 Crore Only) within two (2) Business Days of expiry of every such Month. Such additional Contract Performance Guarantee shall be provided to Long Term Transmission System Users in the manner	In view of the rationale provided here, it is requested to amend the provision regarding refund of additional CPG on fulfillment of Conditions Subsequent.		Additional CPG shall be recovered for the non-fulfillment of Conditions Subsequent. However, this additional CPG is then forming part of CPG and is being retained by Nodal Agency. Considering the fact that additional CPG is consequential guarantee for performance related to condition subsequent, it is requested to review the provision and amend the provision	This is as per SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		provided in Article 3.1.1 and shall become part of the Contract Performance Guarantee and all the provisions of this Agreement shall be construed accordingly. Long Term Transmission System Users shall be entitled to hold and / or invoke the Contract Performance Guarantee, including such additional Contract Performance Guarantee, in accordance with the provisions of this Agreement			to refund the additional CPG on fulfillment of Conditions Subsequent.	
55.	**TSA**	**Article 4.4 Extension of Time**	TSP is required to obtain certain clearances/ approval such as authorization u/s 164, Forest clearance, Grant of Transmission License and approval for adoption of tariff etc. In case if there is any delay in these approvals beyond stipulated time, such delay shall be considered for extension of SCOD of the project and any consequential increase in cost shall be allowed through appropriate adjustment in the tariff.		Clearances/ approval such as authorization u/s 164, Forest clearance, Grant of Transmission License and approval for adoption of tariff are not within the control of TSP once it has been applied after fulfilling all the necessary compliance, any consequential delay is required to be allowed.	This is as per SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.
56.	**TSA**	**Article 5.1.2** The TSP acknowledges and agrees that it shall not be	TSP cannot be burdened with impact of unsuitability of the site or transmission line route due to reasons beyond control. Therefore,		There may be number of reasons for unsuitability of the site or transmission	This is as per SBD and amendments thereof, issued by the Ministry of

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		relieved from any of its obligations under this Agreement or be entitled to any extension of time or any compensation whatsoever by reason of the unsuitability of the Site or Transmission Line route(s).	suitable revision may be carried out in clause 5.1.2.		line route which are beyond control of the TSP. For such instances, suitable extension of time and appropriate adjustment in tariff shall be provided.	Power and hence, no change is envisaged. Further, bidders are requested to refer clause 2.5.7 of the RFP.
57.	TSA	**Article 5.6** **Site regulations and Construction Documents** The TSP shall abide by the Safety Rules and Procedures as mentioned in Schedule 3 of this Agreement The TSP shall retain at the Site and make available for inspection at all reasonable times copies of the Consents, Clearances and Permits, construction drawings and other documents related to construction.	Inspection of Construction drawings and other documents related to construction may be deleted from clause no. 5.6.		Construction drawings and few specific documents may be proprietary/ confidential and is against commercial interest of the TSP.	This is as per SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.
58.	TSA	**Article. 6.4.1** Liquidated Damages for Delay in achieving COD of Project by TSP.	If the TSP fails to achieve COD for any Element of the Project or for the Project by SCOD, then the TSP is required to pay liquidated damages. It is noted that, Clause 6.4.1 of the TSA does not exclude delays caused due to a Force Majeure or			This is as per SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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			Nodal Agency's default. This may well be a drafting oversight and may be clarified. The TSP should also not be liable to pay liquidated damages in the event the delay is not attributable to the TSP. Accordingly, it may be clarified that no damages will be payable in the event the delay is on account of Force Majeure or Nodal Agency's default.			
59.	**TSA**	**Article 11.3 Force Majeure** A 'Force Majeure' means any event or circumstance or combination of events and circumstances including those stated below that wholly or partly prevents or unavoidably delays an Affected Party in the performance of its obligations/ roles under this Agreement, but only if and to the extent that such events or circumstances are not within the reasonable control, directly or indirectly, of the Affected Party and could not have been avoided if the Affected Party had taken reasonable care or complied with Prudent Utility Practices:		Underlined text may be added under Article 11.3 : A 'Force Majeure' means any event or circumstance or combination of events and circumstances including those stated below that wholly or partly prevents or unavoidably delays an Affected Party or **makes performance of obligation**	TSA	This is as per SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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				commercially unviable for the Affected Party in the performance of its obligations/ roles under this Agreement, but only if and to the extent that such events or circumstances are not within the reasonable control, directly or indirectly, of the Affected Party and could not have been avoided if the Affected Party had taken reasonable care or complied with Prudent Utility Practices:		
60.	**TSA & RFP**	**Provisions in TSA** *(Provision related to non fulfilment of condition subsequent)*			The blacklisting of TSP for a period of 5 years for default, failure to complete conditions subsequent &	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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		3.3.6 The Nodal agency, on the failure of the TSP to fulfil its obligations, if it considers that there are sufficient grounds for so doing, apart from invoking the Contract Performance Guarantee under para 3.3.3 may also initiate proceedings for blacklisting the TSP as per provisions of Article 13.2 of TSA. *(Termination procedure for TSP event of default)* **13.2** Further, the Nodal Agency may also initiate proceedings to blacklist the TSP & its Affiliates from participation in any RFP issued by BPCs for a period of 5 years. **Provisions in RFP** *(Non fulfilment of Obligations by TSP post issuance of LoI and post acquisition of SPV)* **2.15.8**			annulment of award, and for indefinite period for error in online and physical submission is onerous and harsh on TSP. TSP's event of default covers a lot of activities, and if TSP fails to comply with even one activity, TSP is at risk of getting blacklisted. Further, TSA provides discretionary right to Nodal agency to decide whether TSP would be blacklisted. In case of discrepancy in submission, it is requested that BPC shall seek	

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		The annulment of the award, under Clause 2.15.5 or 2.15.6 of this RFP, shall be sufficient grounds for blacklisting the bidder, whose award has been annulled, for a period of five years or more, as decided by the National Committee on Transmission, provided that the blacklisting shall be done only after giving the bidder an opportunity for showing cause. (*Discrepancy in online and physical submission of selected bidder)* **3.6.1** In case, there is a discrepancy between the online submission and physical documents, the bid would be out rightly rejected and the bidder shall be construed to have engaged in the fraudulent practice as defined in Clause 2.19.3 with consequences as mentioned in Clause 2.19.2. Further, in such a case, the provisions of Clause 2.5.6 (j) shall apply.			clarification from bidder and upon failure to provide clarification and complete investigation only, should construe such activity as fraudulent practice. Hence it is requested to include blacklisting only in extreme cases and provide definite guidelines on Nodal Agency's right to blacklist bidders. Also in RFP, blacklisting for annulment of project award would be done by government, while in other cases it would done by Nodal Agency. It is requested that blacklisting rights shall only reside with government.	

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61.	TSA	**13.3 Procedure for Nodal Agency's non-fulfilment of Role** a. Upon the Nodal Agency not being able to fulfil its role under Article 4.2. the TSP may serve notice on the Nodal Agency, with a copy to CEA and the Lenders' Representative (a "TSP's Preliminary Notice"), which notice shall specify in reasonable detail the circumstances giving rise to such non-fulfillment of role by the Nodal Agency.		**13.3 Procedure for Nodal Agency's non-fulfilment of Role** a. Upon the Nodal Agency not being able to fulfil its role under Article 4.2. the TSP may serve **TERMINATION** notice on the Nodal Agency, with a copy to CEA and the Lenders' Representative (a "TSP's Preliminary **Termination** Notice").	The contract clauses as per TSA favors the Nodal Agency. All the termination rights are provided to Nodal Agency and the agreement does not provide the other party (TSP) right to terminate in case of default of Nodal Agency. In absence of termination right, TSP is at risk commercially, if Nodal agency fails to fulfill its assigned responsibilities, for example failure of Nodal Agency to pay the quoted transmission charges. Also, the methodology for computation of compensation to	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
					TSP, in case of mutual agreement to terminate, should be defined upfront.	
62.	TSA	3.3.4 In case of inability of the TSP to fulfil the conditions specified in Article 3.1.3 due to any Force Majeure Event, the time period for fulfilment of the condition subsequent as mentioned in Article 3.1.3, may be extended for a period of such Force Majeure Event. Alternatively, if deemed necessary, this Agreement may be terminated by the Nodal Agency by giving a Termination Notice to the TSP, in writing, of at least seven (7) days, with a copy to CEA and the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of this Agreement and the Contract Performance Guarantee shall be returned as per the provisions of Article 6.5.1.		3.3.4 In case of inability of the TSP to fulfil the conditions specified in Article 3.1.3 due to any Force Majeure Event, the time period for fulfilment of the condition subsequent as mentioned in Article 3.1.3, may be extended for a period of such Force Majeure Event. **In case the Force Majeure Event continues even after a period of one hundred and eighty (180)**	In case of delay in SCOD due to FM event, the provision gives discretionary right to Nodal Agency to terminate TSA after occurrence of FM event. There should be gestation period of at least 6 months after start of FM event. Post completion of 6 months, both parties may decide to terminate the contract on mutual agreement. In case of FM, there should not be any unilateral right to terminate. Also, the methodology for computation of compensation to TSP, in case of mutual agreement to terminate, should be defined upfront.	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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		4.4.2 In the event that an Element or the Project cannot be commissioned by its Scheduled COD on account of any Force Majeure Event as per Article11, the Scheduled COD shall be extended, by a 'day to day' basis for a period of such Force Majeure Event. **Alternatively, if deemed necessary, the Nodal Agency may terminate the Agreement as** per the provisions of Article 13.4 by giving a Termination Notice to the TSP, in writing, of at least seven (7) days, with a copy to CEA and the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of this Agreement. 13.4 Termination due to Force Majeure 13.4.1 In case the Parties could not reach an agreement pursuant to Articles 3.3.4 and 4.4.2 of this Agreement and the		**days if deemed necessary, the Nodal Agency or TSP, upon mutual agreement may terminate the Agreement as** per the provisions of Article 13.4 by giving a Termination Notice to **the other party**, in writing, of at least seven (7) days, with a copy to CEA and the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance		

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		Force Majeure Event or its effects continue to be present, the Nodal Agency shall have the right to cause termination of the Agreement. In case of such termination, the Contract Performance Guarantee shall be returned to the TSP as per the provisions of Article 6.5.1.		with Article 15.3 of this Agreement and the Contract Performance Guarantee shall be returned as per the provisions of Article 6.5.1. 4.4.2 In the event that an Element or the Project cannot be commissioned by its Scheduled COD on account of any Force Majeure Event as per Article11, the Scheduled COD shall be extended, by a 'day to day'		

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
				basis for a period of such Force Majeure Event. **In case the Force Majeure Event continues even after a period of one hundred and eighty (180) days if deemed necessary, the Nodal Agency or TSP, upon mutual agreement may terminate the Agreement as** per the provisions of Article 13.4 by giving a Termination Notice to **the other party**, in writing, of at		

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		Event of Default, the TSP shall be entitled for Termination Payment equivalent to valuation of Project Assets. Upon payment, the Long Term Transmission System User shall take over the Project Assets			project, guidelines on valuation of assets in such event to be provided.	
65.	**TSA**	13.5 Termination or amendment due to non-requirement of any Element or Project during construction 13.5.1 In case any Element or Project, which is under construction, is no longer required due to any reason whatsoever, the Nodal Agency may issue a notice to this effect to the TSP. 13.5.2 Nodal agency may also issue notice to the TSP seeking their response to the proposed termination/ amendment (as the case may be) of the Agreement. The Nodal Agency shall issue copy of such notice to Lenders. In the notice, Nodal Agency shall also include an			Guidelines on amendment of TSA in case of non-requirement of any element during construction should be clearly specified, especially the treatment of Quoted Transmission Charges and capital cost of element no longer required. For example, if 50% construction of an element is completed and that element is not required, how would the TSP be compensated for the capital cost of the element.	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power.

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		assessment of the physical progress made by TSP in the Element/ Project (as the case may be) that is no longer required. 13.5.3 The TSP shall neither carry out further Investment nor carry out any work on the Element/ Project (as the case may be) that is no longer required after delivery of the notice. 13.5.4 After taking into account the comments of the TSP, the Nodal Agency may terminate the Agreement or amend it if both Parties agree to the amendment.				
66.	**TSA**	12. Change in Law	Inclusion of change in acquisition price in Change in Law		As SPV acquisition price is part of capital cost of project, any change in Acquisition price after bidding would directly affect the bidder commercially and it is totally beyond the control of TSP. Hence, it is requested to kindly allow change in	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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					acquisition price under CIL event.	
67.	**TSA**	D)The TSP has agreed to make an application for a Transmission License to the Commission for setting up the Project on **build, own, operate and transfer basis.**		D)The TSP has agreed to make an application for a Transmission License to the Appropriate Commission for setting up the Project **on build, own, operate and maintain basis**.	As per revised TSA, asset to be transferred to Nodal agency post 35 years (BOOT). The assets created would be **Financial assets instead of Fixed assets**. Under IndAS accounting rules, **depreciation** of financial assets is **not allowed**. Further, TSP would be at risk of authorities levying 18% GST upfront on construction revenue recognized on COD. **Higher taxation** would impact the project economics eventually leading to higher tariff for the Consumers.	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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					Under BOOT model, **asset condition may degrade** towards end of concession period due to lack of incentive for developer to maintain the asset by incurring some capex. Hence it is requested to continue with the BOOM model.	
68.	**TSA**	5.5.6 For any delay in commissioning any critical Element(s), as identified in Schedule 1 & Schedule 2 of this Agreement, **beyond a period of 45 days** shall lead to a sequestration of 10% of the Contract Performance Guarantee. 6.4.5 For avoidance of doubt, it is clarified that amount payable by TSP under this Article is over and above the penalty payable by TSP under Article 5.5.6 of this Agreement.		5.5.6 For any delay in commissioning any critical Element(s), as identified in Schedule 1 & Schedule 2 of this Agreement, **beyond a period of 6 months (as per clause 13.1.b) unless extended by Nodal Agency due to FM/CIL as per provisions of**	Clause 13.1.b of TSA allows upto 6 months' delay in commissioning of element after SCOD. 10% sequestration clause does not cover any delay due FM or CIL event. If in case all the elements of projects are declared as "critical elements", TSP is liable for 10% CPG sequestration. It is requested to kindly extend period	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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				this agreement, shall lead to a sequestration of 10% of the Contract Performance Guarantee.	beyond which CPG sequestration shall occur to 6 months. Further, TSP should not be made liable for LD payments on account of delay in project / element commissioning more than as identified under clauses 6.4.1 and 6.4.2	
69.	**TSA**	**1.2 Computation of Monthly Transmission Charges** AA- Actual Availability ; MTC- Monthly transmission charges; Tmn = transmission charges for month "m" in contract year "n" *For incentive* *a. If 98%< AA < 98.5%; MTC= Tmn*1;* *b. If 98.5% < AA < 99.75% ;* *MTC= Tmn* (AA / 98.5 %);* *c. If AA> 99.75%; MTC = Tmn* (99.75 % /98.5 %);*		*Incentive = 0.02 x Annual Transmission Charges x (Actual Annual Availability – Target Availability)* Target Availability: AC -98% & HVDC -95% *Incentive = 0.02 x Annual Transmission Charges x (Actual Annual Availability –*	The tariff for projects under TBCB has seen a reduction of 30%-50% as compared to RTM projects. The incentive for maintaining availability above target availability aids in increasing reliability of the transmission system. As the incentive is reduced as per revised provisions, developers may increase the Quoted tariffs to compensate which may result in	This is as per the SBD and amendments thereof, issued by the Ministry of Power and the applicable laws of Maharashtra and guidelines of appropriate commission in this regard from time to time and hence, no change is envisaged.

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		For Penalty *d. If 95 % < AA < 98 %* *MTC = Tmn* (AA / 98 %);* *e. If AA < 95 %* *MTC = Tmn* (AA/98 %) – 0.02* (Tmn* (AA/98%))*		*Target Availability)* Target Availability: AC -98% & HVDC -95%	increased cost of electricity to end consumer. Further there is no incentive for maintaining actual availability between 98% and 98.5%. Hence it is requested to continue with existing provisions for penalty and incentive calculation.	
70.	**TSA**	3.3.4 Provided, that due to the provisions of Article 3.3.4, any increase in the time period for completion of conditions subsequent mentioned under Article 3.1 .3, shall lead to an equal increase in the time period for the Scheduled COD. **If the Scheduled COD is extended beyond a period of one hundred eighty (180) days due to the provisions of this Article 3.3.4, the TSP will be allowed to recover the interest cost during construction corresponding to the period exceeding one hundred eighty (180) days by adjustment in the**		3.3.4 Provided, that due to the provisions of Article 3.3.4, any increase in the time period for completion of conditions subsequent mentioned under Article 3.1 .3, shall lead to an equal increase in the time period for the Scheduled COD. **The TSP will be allowed to**	In event of FM/CIL event, provisions under revised TSA do not provide for any adjustment in transmission charges for a period of 180 days. TSP is allowed to recover interest cost during construction for period exceeding 180 days. As large portion (70%) of project cost	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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				least seven (7) days, with a copy to CEA and the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of this Agreement.		
63.	TSA	Clause 5.8 "Remedial Measures: The TSP shall take all necessary actions for remedying the shortfall in achievement of timely progress in execution of the Project, if any, as intimated by the Independent Engineer and/ or CEA and/ or the Nodal Agency. However, such intimation by the Independent Engineer and/ or CEA and/ or the Nodal Agency and the subsequent effect of such remedial measures carried out by the TSP shall not			This is very stringent clause and provides for agreement termination at the subjective discretion of Nodal Agency. Request to modify the clause as: **..... If the shortfalls as intimated to the TSP are not remedied to the satisfaction of the CEA and/ or the**	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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		relieve the TSP of its obligations in the Agreement. Independent Engineer and/ or CEA and/ or the Nodal Agency may carry out random inspections during the Project execution, as and when deemed necessary by it. **If the shortfalls as intimated to the TSP are not remedied to the satisfaction of the CEA and/ or the Nodal Agency, this Agreement may be terminated by the Nodal Agency by giving a Termination Notice to the TSP, in writing, of at least seven (7) days, with a copy to CEA and the Lenders' Representative in order to enable the Lenders to exercise right of substitution in accordance with Article 15.3 of this Agreement ."**			**Nodal Agency, it may refer the same to the Appropriate Commission for appropriate action.**	
64.	**TSA**	13.7 Termination Payment 13.7.1 If Agreement is terminated on account of Force Majeure Events, non-requirement of any Element or Project during Construction, Long Term Transmission System User's non-fulfilment of Role & TSP's			Guidelines on valuation of project assets conducted should be provided to ensure there is no ambiguity. Further if TSA is terminated during operating period of	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power.

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		Transmission Charges in accordance with Schedule 9.		**recover the interest cost during construction correspondin g for the period of FM/CIL event by adjustment in the Transmission Charges in accordance with Schedule 9.**	is funded through debt, repayment of which does not start till COD, any delay in SCOD leads to higher interest built up. This severely affects the project economics of developer. Hence it is requested to allow for recovery of interest cost during construction for entire period of FM/CIL event.	
71.	**TSA**	18. 1 The Nodal Agency shall appoint an agency/ company as Independent Engineer (IE)..... Responsibilities of IE include progress monitoring, ensuring quality, determine costs of works/services, determine valuation of project assets, assist parties in dispute resolution.		-	It is requested to not appoint an external agency (Independent Engineer-IE) and the Nodal Agency to execute the functions such as progress monitoring, quality assurance, determination of works/services, valuation of projects assets. Any delay in appointment of IE	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and Amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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					would delay the project execution. Further addition of an external agency would also be an additional expense which would eventually result in tariff increase.	
72.		3.1 Satisfaction of Conditions Subsequent by the TSP c. Execute this Agreement;			Since the execution of TSA will require coordination with the CTU, it is requested that the TSA be executed before project acquisition by the project SPV in the interest of saving time. This will also facilitate early completion of the project critical activities	As per revised TBCB Guidelines and SBDs issued by MOP, GoI, TSP on the date of acquisition of SPV from the BPC will enter into a Transmission Service Agreement (TSA) with the Nodal Agency.
73.		3.1.3 The TSP agrees and undertakes to duly perform and complete the following activities within six (6) months from the Effective Date ..... To obtain the Transmission License for the Project from the Commission;	While the TSP will apply to the respective commission for grant of license, time required for the issuance is beyond the control of TSP once the application is made. We request to modify the clause suitably to incorporate the above.			This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

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74.	**SPA**	Clause 3.5 The Selected Bidder hereby acknowledges and agrees that after the date of acquisition of one hundred percent (100%) of the Shares of the Company by the Selected Bidder as per Clause 3.3, (a) the authority of the BPC in respect of the Bid Process shall forthwith cease and any actions to be taken thereafter regarding the Bid Process will be undertaken by the Central Transmission Utility of India Limited themselves, (b) all rights and obligations of the BPC shall cease forthwith, (c) all other rights and obligations of the Company shall be of the TSP and (d) any decisions taken by the BPC on behalf of the Company prior to the date of acquisition, shall continue to be binding on the Company and/or Central Transmission Utility of India Limited as the case may be.	We understand that acquisition price towards acquisition of one hundred percent (100%) of the equity shareholding of the Company, communicated to bidder would include all liabilities pertaining to SPV prior to closing date. Please confirm			Bidder's understanding is generally in order.
75.	TSA	Article 10. Billing And Payment of Transmission Charges of TSA 10.1 Subject to provisions of	We request authority to clarify and share Procedure to be adopted for the billing and payment of Transmission charges including Payment security mechanism.		This will provide clarity / understanding to TSP upfront for	The provisions of TSA Document are amply clear in this regard and shall prevail.

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		this Article 10, the Monthly Transmission Charges shall be paid to the TSP, in Indian Rupees, on monthly basis as per the provisions of the MERC MYT Regulations, from the date on which an Element(s) has achieved COD until the Expiry Date of this Agreement, unless terminated earlier and in line with the provisions of Schedule 4 of this Agreement.	MYT regulations do not specifically cover the Procedure to be adopted for the billing and payment of Transmission charges specifically for the TBCB Projects. In MYT regulation it is not mentioned whether STU/Nodal agency will open letter of credit in favour of TSP.		potential impact of such regulations.	Please also refer Clause 2.5.7 of RFP Document.
76.	RFP	**1.6.1.5** The TSP shall seek approval under Section 164 of Electricity Act, from Government of Maharashtra after acquisition of Sakoli Power Transmission Limited.. The approval shall be granted by Government of Maharashtra upon receipt of application (complete in all aspects).	Please share the procedure for obtaining approval under Section 164 of the Electricity Act for a Transmission Service Provider (TSP). Additionally, kindly specify the role of the Bid Process Coordinator (BPC) in securing this approval.		This approval is very crucial before start the execution work.	Please refer clause 1.6 and 2.5.7 of the RFP.
77.	RFP	**Scope of Bid Process Coordinator (BPC)** To obtain approval for laying of overhead transmission lines under Section 68 of Electricity Act, from the State Government at least twenty (20) days prior to Bid Deadline.	Kindly provide the status of approval for laying of overhead transmission lines under Section 68 of Electricity Act for this project.		This approval is very crucial before start the execution work.	The approval u/s 68 of Electricity Act will be shared with the successful bidder.
78.	TSA	12.1 Change in Law • a change in the interpretation	1. We understand that any change in the guidelines related to Right of Way (RoW) / land compensation		This will provide clarity / understanding to	RFP documents are amply clear.

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		or application of any Law by any Indian Governmental Instrumentality having the legal power to interpret or apply such Law, or any Competent Court of Law; • the imposition of a requirement for obtaining any Consents, Clearances and Permits which was not required earlier; • a change in the terms and conditions prescribed for obtaining any Consents, Clearances and Permits or the inclusion of any new terms or conditions for obtaining such Consents, Clearances and Permits;	issued by the Central Government, State Government, District Magistrate, or any other Government Authority shall be treated as a Change in Law. Accordingly, the TSP shall be entitled to claim the resulting financial impact. 2. We understand that any change in MERC guidelines regarding SLDC/RLDC charges or any other regulatory charges shall also be treated as a Change in Law, and the TSP shall be entitled to claim the impact. Kindly clarify.		TSP upfront for potential impact of such changes.	
79.	RFP	Sr No. 12 of Clause No. 2.5.2 Technical Bid comprising Format for Illustration of Affiliates at the most seven (7) days prior to Bid Deadline, duly certified by Company Secretary and supported by documentary evidence (Annexure 12). Certified copy of the Register of Members / Demat Account Statement, Share Certificate, Annual Return filed with ROC etc. submitted as documentary evidence along with Annexure 12	As per the requirement, the Format for Illustration of Affiliates (Annexure 12) must be submitted along with duly certified documentary evidence, such as the Register of Members, Demat Account Statement, Share Certificate, Annual Return filed with the ROC, etc. We are participating in the bid through our parent company; however, the entire amount is being invested by our affiliates/Wholly Owned Subsidiary. Therefore, we are required to submit the documents of our affiliate as mentioned above.			Yes, Bidder's understanding is correct for the given case. The Bidder shall submit all the supporting documents required documents except the Annual Return filed with the ROC for the given case.

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			We wish to inform you that our affiliate company was newly incorporated on 19.07.2025, and its first Financial Year will close on 31.03.2026. Accordingly, the Annual Return with the ROC has not yet been filed, and is therefore currently not available. In this regard, we presume that the Annual Return is not applicable for submission at this stage, as it has not yet become due for filing. We will submit all the required documents except the Annual Return filed with the ROC. Kindly confirm the same.			
80.	RFP_Sakoli_ Page no 107 to 108	ANNEXURE 14 - FORMAT OF THE BID BOND FORMAT OF THE UNCONDITIONAL AND IRREVOCABLE BANK GUARANTEE FOR BID BOND		We request to provide the below details of the department for preparation of the Bank Guarantee, without below details the Bank will not issue the BG and Structured Financial Messaging System (SFMS). Bank Account	Amendment	Requisite details have already been provided in the RFP document.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
				Holder Name : Bank Account Number: Bank Name: IFSC Code:		
81.	RFP_Sakoli_ Page no 109 to 110	ANNEXURE 14 A- FORMAT OF THE SURETY BOND FOR BID SECURITY FORMAT OF THE SURETY BOND	We envisiged that we can submit SURETY BOND FOR BID SECURITY for any IRDA approved insurance company or any list will be give by BPC. Please confirm .		Clarification	Yes, Bidders understanding is generally in order.
82.	General	2.2 Submission of Bid by the Bidder	We understand that since this tender is being submitted entirely through the online mode, there is no requirement for signing each page of the RFP issued by BPC by the authorized signatory of the bidder.		Clarification	Yes, Bidders understanding is generally in order.
83.	RFP_Sakoli_ Page no 83	Note : Additionally, in case construction experience is used, a certificate(s) from the statutory auditors stating the payments received and the concerned client(s) stating the works commissioned during the past 5 years in respect of the projects specified above. In case a particular job/ contract has been jointly executed by the Bidder (as part of a consortium), it should further support its claim for the share in work done for that particular job/ contract by producing a certificate from its statutory auditor or the client.	Kindly confirm whether construction experience payment received during the last five financial years can be considered, even if the project has been completed in the current financial year.		Clarification	Please refer Clause 2.1.2 of RFP, which is amply clear in this regard.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
84.	RFP_Sakoli_ Page no 131	ANNEXURE 21 - FORMAT FOR FINANCIAL BID Quoted Transmission Charges	Kindly confirm whether bidder to quote the Transmission Changes Including GST or Excluding GST Please confirm		Clarification	RFP documents are amply clear.
85.	TSA	Clause 5.1.2 The TSP acknowledges and agrees that it shall not be relieved from any of its obligations under this Agreement or be entitled to any extension of time or any compensation whatsoever by reason of the unsuitability of the Site or Transmission Line route(s).	BPC to clarify, what are the determining factors/criteria for deciding the unsuitability of site and transmission line route?		Bidder needs information for proper estimation	Provisions of RFP Document are amply clear in this regard and shall prevail. Please also refer Clause 2.5.7 of the RFP document and Clause 5.1.4 of TSA document.
86.	TSA	Clause 5.5.6 For any delay in commissioning any critical Element(s), as identified in Schedule 1 & Schedule 2 of this Agreement, beyond a period of 45 days shall lead to a sequestration of 10% of the Contract Performance Guarantee.	As a general practice, the CERC considers any request for extension of time post COD of the Project. BPC to clarify that whether the 10% of CPBG will be invoked even when such delay is caused due to FM events and without adjudication on the validity of such claims?		Bidder needs the information for proper estimation	The provisions of RFP Document are amply clear in this regard and shall prevail.
87.	TSA	Clause 2.2.2 Post the Expiry Date of this Agreement, the TSP shall	BPC to clarify the following:		Bidder needs the information for proper estimation	The transfer of all project assets along with substation land, right of

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		ensure transfer of Project Assets to MSTU or its successors or an agency as decided by the Government of Maharashtra at zero cost and free from any encumbrance and liability. The transfer shall be completed within 90 days of expiry of this Agreement failing which MSTU or its successors or an agency as decided by the Government of Maharashtra shall be entitled to take over the Project Assets Suo moto	a. Who will be responsible for O&M of the Project post Expiry Date till the Project is transferred as the Agreement will automatically terminate on Expiry Date? Whether the TSP will be paid for the O&M for the period post Expiry Date till the Project is transferred if the TSP will manage the O&M post Expiry Date?			way and clearances shall be completed at the end of 35 years from COD of the Project. All the expenditure till the transfer of all project assets along with substation land, right of way and clearances shall be borne by TSP.
88.	TSA	Clauses 4.1(f) and 4.2.1(e) These clauses provide assistance by TSP to the Arbitrators as required for the performance of their duties and responsibilities.	BPC to provide the definition of Arbitrators used as defined term		Bidder needs the information for proper estimation	This is as per the SBD and amendments thereof, issued by the Ministry of Power.
89.	TSA and SPA	Execution of the TSA and SPA.	As per the provisions of the Indian Stamp Act, the execution of the Share Purchase Agreement ('**SPA**') and the Transmission Service Agreement ('**TSA**') should be made on the stamp papers of INR 1200 and INR 500 respectively. The relevant provisions of the Indian Stamp Act are provided below:		Bidder needs the information for proper estimation	Kindly refer Clause 2.5.7 of the RFP Document.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

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<tr><th>Sl. No.</th><th>Name of the document</th><th>Clause No. and Existing provision</th><th>Clarification required</th><th>Suggested text for the amendment</th><th>Rationale for the Clarification or Amendment</th><th>RECPDCL Reply</th></tr>
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<tr><th>SN.</th><th>Document</th><th>Stamp Paper for Execution (in INR)</th><th>Indian Stamp Act, 1899 ('Act') read with Delhi Schedule 1A ('Schedule')</th></tr>
<tr><td>1.</td><td>Share Purchase Agreement</td><td>1200</td><td>Section 5 of Act read with (i) Item no. 5(b) of Schedule - sale of shares in an incorporated company: Rs. 1000/-, (ii) Item 5(c) Arbitration: Rs. 50/-, (iii) Item No. 34 Indemnity: Rs. 100/-.</td></tr>
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Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			2. Transmission Service Agreement — 500 — Section 5 of Act read with (i) Item 5(c), agreement (other): Rs. 50/-, (ii) Item No. 37, guarantee: Rs. 50/-, (iii) Item No. 34, indemnity: Rs. 100/-, and others. BPC to confirm the amount of stamp papers on which the execution of the SPA and TSA will be executed.			
90.	RFP for Selection of Bidder as Transmission Service Provider	RFP, Clause 1.6. Clause no. 1.6.1.5 – **Scope of Transmission Service Provider**	We request BPC to confirm the timelines within which the Government of Maharashtra shall grant the section 164 to the TSP.		Bidder needs the information for proper estimation	Referred clause of the RFP issued dated 16.12.2025 is as per SBD and amendments thereof, issued by the Ministry of Power and

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		The TSP shall seek approval under Section 164 of Electricity Act, from Government of Maharashtra after acquisition of (Sakoli), The approval shall be granted by Government of Maharashtra.	Further, in case of delay in grant of section 164 approval beyond the specified days by Government of Maharashtra, will this qualify as Force Majeure (FM) event under TSA, and we can get relief as per TSA.			hence, no change is envisaged.
91.	Transmission Service Agreement	Clause 5.1.2 The TSP acknowledges and agrees that it shall not be relieved from any of its obligations under this Agreement or be entitled to any extension of time or any compensation whatsoever by reason of the unsuitability of the Site or Transmission Line route(s).	BPC to clarify, what are the determining factors/criteria for deciding the unsuitability of site and transmission line route? BPC to clarify that in case of unsuitability of the spaces that are provided by the existing TSP for the scope of work, who shall be held responsible?		Bidder needs the information for proper estimation.	Provisions of RFP Document are amply clear in this regard and shall prevail.
92.	RFP for Selection of Bidder as Transmission Service Provider	Request for Proposal Notification, Disclaimer This RFP may be withdrawn or cancelled by the BPC at any time without assigning any reasons thereof. BPC further reserves the right, at its complete discretion to reject any or all of the Bids without assigning any reasons whatsoever."	We would like to mention that it will be unreasonable on the part of BPC to reject a bid without assigning any reason. Since the BPC can be construed as 'state' under the Constitution, conduct of BPC ought to be transparent and as such BPC cannot take any decision without assigning proper reason/ justification.		Bidder needs the information for proper estimation.	This is as per the SBD and amendments thereof, issued by the Ministry of Power. The provisions of RFP shall prevail.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
93.	RFP for Selection of Bidder as Transmission Service Provider	Definition: Conflict of Interest" A Bidder shall be considered to be in a Conflict of Interest with one or more Bidders in the same bidding process if they have a relationship with each other, directly or through a common company, that puts them in a position to have access to information about or influence the Bid of another Bidder	It needs to be noted that this definition is vague and wide in as much as it only requires that an entity is able to have access; it is immaterial whether information was accessed or not, just the fact that a party is in a position to access information or influence bid of another party is enough. As far as this aspect is concerned, this definition should be amended. This should further cover any conflict-of-interest situation between the BPC and any of the bidder.		Bidder needs the information for proper estimation.	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.
94.	RFP for Selection of Bidder as Transmission Service Provider	Annexure-B, Clause 3.3 provides that "the Bidder shall disclose the name and address of agents and representatives, and Indian Bidder shall disclose their foreign principals or associates". Clause 3.4 states that "the Bidder shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid".	BPC is requested to clarify the rationale for having this clause? We understand that The Bidder is free to engage any consultant as long as it is under the purview of applicable law.		Bidder needs the information for proper estimation	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.
95.	Transmission Service Agreement	TSA ARTICLE: 11 Clause no. 11.4.1 ..... (g) Any error or omission in the survey report provided by BPC during the bidding process	We request BPC to remove the point no g form the Force Majeure Exclusions.		Bidder needs the information for proper estimation	Referred clause of the RFP documents issued dated 16.12.2025 is as per SBD and amendments thereof, issued by the Ministry of

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
						Power and hence, no change is envisaged.
96.	Transmission Service Agreement	TSA ARTICLE: 13 Clause no.13.7 Termination Payment - If Agreement is terminated on account of Force Majeure Events, non-requirement of any Element or Project during Construction, Nodal Agency non-fulfilment of Role & TSP's Event of Default, the TSP shall be entitled for Termination Payment equivalent to valuation of Project Assets. Upon payment, the Nodal Agency shall take over the Project Assets.	As there is no mechanism for termination payment. We request BPC to provide the mechanism for compensating the cost incurred by the TSP for construction of asset, in case of non-requirement of any element during construction stage.		Bidder needs the information for proper estimation.	Provisions of the TSA are amply clear in this regard and shall prevail.
97.	Transmission Service Agreement	TSA ARTICLE: 3 Clause No. 3.3.4 Provided, that due to the provisions of this Article 3.3.4, any increase in the time period for completion of conditions subsequent mentioned under Article 3.1.3, shall lead to an equal increase in the time period for the Scheduled COD. If the Scheduled COD is extended beyond a period of one hundred eighty (180) days due to the provisions of this Article 3.3.4, the TSP will be allowed to recover the interest cost during construction corresponding to the period	What is the rationale for only IDC recovery and no other expenditure like project cost overrun (such as overheads & price variation etc.)		Bidder needs the information for billing purpose.	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		exceeding one hundred eighty (180) days by adjustment in the Transmission Charges in accordance with Schedule 9.				
98.	Transmission Service Agreement	TSA ARTICLE: 8 8.2 Target availability The Target Availability of each Element and the Project shall be 98%.	As per previous TSA, target availability was at project level not for each element. We request BPC to maintain target availability at Project level only.		Bidder needs the information for proper estimation.	RFP documents (including TSA) are amply clear in this regard.
99.	Transmission Service Agreement	TSA ARTICLE: 12 Payment on account of Change in Law 12.4.1 The payment for Change in Law shall be through a separate Bill. However, in case of any change in Monthly Transmission Charges by reason of Change in Law, as determined in accordance with this Agreement, the Bills to be raised by the Nodal Agency after such change in Transmission Charges shall appropriately reflect the changed Monthly Transmission Charges.	BPC is requested to provide the format and timeline for submission of sperate bill of sperate bill for settlement of CIL events?		Bidder needs the information for proper estimation.	The provisions of TSA are amply clear in this regard and shall prevail.
100.	Transmission Service Agreement	Schedule 9 Methodology for determining the Relief Under Force Majeure Event & Change in Law during Construction Period. The relief in the form of revision in tariff due to Force Majeure Event leading to extension of Scheduled COD for a period beyond one hundred eighty	What is the rationale for the increase in Transmission Charges as stated above shall be applicable only if the value of increase in Transmission Charges as calculated above exceeds 0.30% (zero-point three percent) of the quoted Transmission Charges of the TSP.		Bidder needs the information for proper estimation	This is as per the SBD and amendments thereof, issued by the Ministry of Power.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		(180) days and/ or Change in Law during the construction period shall be as under: ΔT = [(P x d)]÷[1-(1+ d)^(-n)]				
101.	RFP for Selection of Bidder as Transmission Service Provider	ANNEXURE 22 – FORMAT FOR AFFIDAVIT	We would like to mention that with reference to the RFP Clause 2.1.9 Bidders shall confirm a notarized affidavit as per Annexure 22. Please note for large conglomerates signing on behalf of all the affiliates can run into hundreds of numbers and different geographies, is practically impossible. We request you to allow Annexure-22 to be signed by the Authorized signatory of the Bidding company on behalf of Bidding entity only.		Bidder needs the information for preparation of techno-commercial bid.	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.
102.	RFP for Selection of Bidder as Transmission Service Provider	Annexure no. 15- format for Contract Performance Guarantee/ Last Para Notwithstanding anything ..... (365) days thereafter. This BANK GUARANTEE shall be extended from time to time for such period, as may be desired by..... [Insert name of the Selected Bidder or Lead Member in case of the Consortium or SPV].	Kindly note that the Government banks are not issuing the contract Performance Guarantee. We request BPC to modify the last Para of the Performance Guarantee format as highlighted in red font below: Notwithstanding anything ..... (365) days thereafter. This BANK GUARANTEE ~~shall~~ may be extended from time to time for such period, as may be desired by..... [Insert name of the Selected Bidder or Lead Member in case of the Consortium or SPV and ..... [Insert name of the Bank].		Bidder needs the information for proper estimation	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
103.	Transmission Service Agreement	TSA ARTICLE: 1 Definitions and Interpretations Independent Engineer" shall mean an agency/ company, appointed by Nodal Agency in accordance with the Guidelines for Encouraging Competition in Development of Transmission Projects TSA ARTICLE: 18 18.3 Remuneration of Independent Engineer	We understand that as the Independent Engineer to be appointed by Nodal Agency (MSTU), The fee and charges of the Independent Engineer shall be paid by MSTU and TSP does not have to consider any fee and charges of the Independent Engineer in its bid.		Bidder needs the information for proper estimation	Please refer Article 18 of TSA, which is amply clear in this regard.
104.	Transmission Service Agreement	TSA ARTICLE: 1 Definitions and Interpretations Definition of Nodal Agency Nodal Agency" shall mean Maharashtra State Transmission Utility (MSTU) , which shall execute and implement the Transmission Service Agreement (TSA);	The proviso to the definition states that while taking major decisions, MSTU shall consult CEA on technical matters and any other matter if it feels necessary. BPC is requested to provide clarity on what would constitute 'major decisions'; further, what would be the nature of consultation is not clear, whether such consultation would be binding or just advisory in nature? Further, there is an element of discretion as well on the part of MSTU, which should be done away with.		Bidder needs the information for proper estimation	This is as per the SBD and amendments thereof, issued by the Ministry of Power and hence, no change is envisaged.
105.	Transmission Service Agreement	As per the TSA, the counter signing authority is LTTCs	As per MYT 2024 – "STU is responsible for raising transmission bills, collection and disbursement of transmission charges to InSTS transmission licensees." Therefore, we request that for TSA also, the counter signing authority		Bidder needs information for proper estimation	Please refer TSA which has already been issued, wherein counter signing authority is MSETCL (STU)

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			should be STU to collect payments and disburse to the selected TSP.			
106.	General	General Queries	We have gone through the BPC report on various utilities payment track and have observed "C" rating for MSEDCL. Therefore, we request to kindly provide the payment security mechanism for TSP's.		Bidder needs information for proper estimation	Provisions of RFP documents are amply clear bidders are further requested to refer clause 2.5.7 of RFP and the regulations of appropriate commission.
107.	Transmission Service Agreement & MYT Regulation	Payment Security Mechanism	As per the TSA, MYT Regulation 2024 shall govern the "Disputed Bills, Default in payment by Nodal Agency & Annual Reconciliation", however, TSA and MYT regulation 2024 doesn't specify any clause regarding the payment security mechanism in MYT. Therefore, we request you to kindly provide the applicable clause regarding the payment security mechanism in MYT Regulations 2024.		Bidder needs information for proper estimation	Please refer Clause 2.5.7 of RFP Document.
108.	Transmission Service Agreement & MYT Regulation	Payment Security Mechanism	As per the TSA, MYT Regulation 2024 shall govern the "Disputed Bills, Default in payment by Nodal Agency & Annual Reconciliation", however, TSA and MYT regulation 2024 doesn't specify any clause regarding the payment security mechanism in MYT. In view of the above, do we need to adopt the payment security mechanism for this project as adopted by MSEDCL by		Bidder needs information for proper estimation	As per provisions of MERC MYT Regulations, 2024, STU raises monthly bill for Intra-State Transmission Charges on every Transmission System User (TSU) and all TSUs are making payment of Transmission Tariff to STU. Upon receipt of payment from TSUs,

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			Transmission Open Access regulation? Further, what are the next steps if a beneficiary defaults in payments, how the TSPs payment can be secured?			STU makes the payment to Transmission Licensees on monthly basis. Further, as per the provisions of MERC Regulations, TSUs provide Letter of Credit to STU for 2 months estimated billing. MERC in its Order dated 28 March, 2025 in Case
109.	Survey report of BPC	Page 162 & 163 of 177	With reference of survey report provided by BPC, from AP 52 onwards TSP has to construct 2 nos of single circuit lines, in place of one 220 kV D/C line for 220 D/c line from Sakoli(New) to Bhandara. BPC requested to confirm the same.			The route provided by the survey report is indicative in Nature. TSP shall carry out the detail survey of the proposed transmission line and can optimise the ROW acquisition requirement by using the double circuit towers as applicable. Bidders are requested to refer clause 2.5.7 of the RFP for all other required information.
110.	Survey Report	In Survey Report Scope of work Sl. No-5	In Survey report MC 39 to MC 43 is mentioned in angle schedule, we understand that MC means Multi circuit towers please confirm.		Bidder needs the information for proper estimation	RFP documents are amply clear in this regard. Further, the route

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing)	BPC also requested to Confirm below queries if MC 39 to MC 43 are multicircuit towers 1. Whether the Multi circuit towers from MC 39 to MC 43 line are mandatorily required and to be routed through the existing 132 kV D/C line corridor. 2. If so then the owner of the existing 132 kV D/C line will provide permission to modify the existing towers from double circuit to new multi-circuit configuration. 3. Who will be responsible for availing shutdown and dismantling Existing 132 D/C towers. 4. Whether bidders are permitted to use an underground cable from MC 39 to Gantry (Existing Sakoli S/s) within the same existing 132 kV D/C line corridor.			provided by the survey report is indicative in Nature. TSP shall carry out the detail survey of the proposed transmission line and can optimise the ROW acquisition requirement by using the double circuit towers as applicable. Bidders are requested to refer clause 2.5.7 of the RFP for all other required information.
111.	Survey Report	In Survey Report Scope of work Sl No-3 220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing)	BPC is requested to clarify: 1.Between AP-52E and AP-52F, the proposed route passes at an approximate distance of 14–15 meters from an existing tower. Further, between AP-52E and AP-52F, after crossing an existing 220 kV power line, the proposed route connects with an existing 132 kV		Bidder needs the information for proper estimation	The route provided by the survey report is indicative in Nature. TSP shall carry out the detail survey of the proposed transmission line and can optimise the ROW acquisition requirement by using the double circuit towers as applicable. Bidders are

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			line, which is technically not feasible. BPC is requested to kindly provide a revised route and survey report. 2. Three existing power lines are crossing between AP-54 and AP-55. BPC is requested to confirm whether it is permitted for the proposed overhead crossing for existing lines to cross multiple existing power lines within a single span.			requested to refer clause 2.5.7 of the RFP for all other required information.
112.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	Space shall be provided by existing/proposed utility for following. However, In case of land constraints TSP may opt for GIS bays /Acquire suitable land adjacent to the substations)	In order to have equal platform for bidding it is requested BPC may specify requirement of AIS or GIS bays at existing substation. At present we understand that at 220 kV AIS Bhandara (Existing), 132 kV AIS Sakoli (Existing), 132 kV AIS Morgaon Arjuni (Existing) & 132 kV AIS Deori (Proposed) substation, AIS bays are envisaged, kindly confirm our understanding.		Bidder needs information for proper estimation	Bidders Understanding is correct . However, in case of land constraint TSP may opt for GIS bays or procure adjacent land. Scope of RFP shall prevail
113.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"	General Queries	Coordinates Sakoli S/s is provided we understand this land is already in possession of STU/BPC and shall be provided to TSP, kindly confirm our understanding		Bidder needs information for proper estimation	Survey Report alongwith Proposed location of Sakoli S/s has been issued to the bidders. The acquisition of land for new substation is in

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	dated 16.12.2025					the scope of TSP. Further, the substation (Intermediate sub-station) shall not be beyond 10 km radius of the proposed location.
114.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries	We understand that for extension of 220 kV Bhandara SS (Existing), 132 kV Sakoli (Existing) SS,132 kV Morgaon Arjuni (Existing) SS, 132 kV Deori (New) SS, TSP does not require any engineering approval from owner of the S/s, TSP can construct bays under present scope as per CEA construction guidelines.		Bidder needs information for proper estimation	Execution of work in the existing substations shall be as per RFP and in coordination with the substation in charge. However, CEA construction guidelines shall be followed.
115.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 220 KV Bhandara SS Extension	Kindly provide the below-mentioned existing drawings for extension of 220 kV Existing Bhandara AIS Substation: - 1. SLD including present scope 2. General arrangement indicating present scope 3. Electrical layout plan and section drawing 4. Earthmat Layout 5. Structure layout plan and section 6. VMS layout		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation in charge.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			7. ACDB & DCDB feeder distribution layout 8. Control room building layout 9. Cable trench layout 10. DSLP Layout 11. Existing SAS Make Model and SAS Architecture 12. Existing Bus Bar configuration			
116.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 132 KV Sakoli SS Extension	Kindly provide the below-mentioned existing drawings for extension of 132 kV Existing Sakoli AIS Substation: - 1. SLD including present scope 2. General arrangement indicating present scope 3. Electrical layout plan and section drawing 4. Earthmat Layout 5. Structure layout plan and section 6. VMS layout 7. ACDB & DCDB feeder distribution layout 8. Control room building layout 9. Cable trench layout 10. DSLP Layout 11. Existing SAS Make Model and SAS Architecture Existing Bus Bar configuration		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation in charge.
117.	RFP for Establishment of 400/220/132	General Queries of 132 KV Morgaon Arjuni SS Extension	Kindly provide the below-mentioned existing drawings for extension of 132 kV Existing Morgaon Arjuni AIS Substation: -		Bidder needs information for proper estimation	Please refer **Appendix A** for available information.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025		1. SLD including present scope 2. General arrangement indicating present scope 3. Electrical layout plan and section drawing 4. Earthmat Layout 5. Structure layout plan and section 6. VMS layout 7. ACDB & DCDB feeder distribution layout 8. Control room building layout 9. Cable trench layout 10. DSLP Layout 11. Existing SAS Make Model and SAS Architecture 12. Existing Bus Bar configuration			For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation in charge. Please also refer Clause no 2.5.7 of the RFP Document
118.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries	We understand that 220kV & 132 kV Gantry support structure drawings at 220 kV Bhandara SS (Existing), 132 kV Sakoli (Existing) SS,132 kV Morgaon Arjuni (Existing) SS, 132 kV Deori (New) SS are suitable for extension. Kindly confirm		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation in charge. Please also refer Clause no 2.5.7 of the RFP Document

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
119.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 132 KV Deori (New) SS	Kindly provide the below-mentioned drawings for 132 kV Deori (New) AIS Substation: - 1. SLD including present scope 2. General arrangement indicating present scope 3. Electrical layout plan and section drawing 4. Earthmat Layout 5. Structure layout plan and section 6. VMS layout 7. ACDB & DCDB feeder distribution layout 8. Control room building layout 9. Cable trench layout 10. DSLP Layout 11. SAS Make Model and SAS Architecture 12. Bus Bar configuration		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document
120.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	B.1.1 Insulation Coordination of SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION Page-150 7 Given Parameters Max. radio interference voltage for frequency between 0.5 MHz and 2MHz 132 kV: - 1000 micro- volts at 266 kV rms	As per standard Practice Max. radio interference voltage for frequency between 0.5 MHz and 2MHz 132 kV: - 500 µV at 92kV rms All Equipment's in transmission sector are being supplied with these parameters. We understand that TSP can consider equipment complying with parameters as per CEA construction guidelines.		Bidder needs information for proper estimation	Bidders understanding is correct.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
121.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	B.1.1 Insulation Coordination of SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION Page-150 5(ii): - Switching Impulse withstand voltage (250/2500 micro sec.) dry and wet 220 KV: - 460 KVp	Switching impulse is applicable only for 400kV and above. The value 460kVp given for 220 kV against Switching Impulse withstand voltage is the value applicable for one minute power frequency dry and wet withstand voltage (rms) Kindly Confirm		Bidder needs information for proper estimation	Specifications provided in RFP shall be followed. Further, relevant CEA technical specifications shall be followed.
122.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	B.1.1 Insulation Coordination of SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION Page-150 (6) Corona Extinction Voltage 220 kV: - 156 kV 132 kV: - 105 kV	Corona extinction voltage is applicable only for 400kV and above.		Bidder needs information for proper estimation	Specifications provided in RFP shall be followed.
123.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	B.2.3.2 Isolators (AIS) 400 kV, 220 kV, 132 kV earth switch for line isolator shall be suitable for induced current	Not applicable for 145kV isolators. Kindly Confirm		Bidder needs information for proper estimation	Specifications provided in RFP shall prevail.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		switching duty as defined for Class-B.				
124.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	B.1.2 (ix) Switching scheme of SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION Page-151-152	TSP understand that provided configuration diameter for present and future bays for 400 kV is indicative only. In order to optimum utilization of land TSP may modify the configuration keeping overall scope intact.		Bidder needs information for proper estimation	Bidders understanding is correct.
125.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 220 KV Bhandara SS Extension	Please confirm availability of Peripheral Unit in case of Distributed Bus bar at 220kV Bhandara AIS substation. Also confirm availability of Port in Central Unit for integration of extension Bays.		Bidder needs information for proper estimation.	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
126.	RFP for Establishment of 400/220/132	General Queries of 132 KV Sakoli SS Extension	Please confirm availability of Peripheral Unit in case of Distributed Bus bar at 132 kV Sakoli AIS substation.		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025		Also confirm availability of Port in Central Unit for integration of extension Bays.			ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
127.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	B.1.2 (ix) Switching scheme of SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION Page-151-152	TSP understand that provided configuration diameter for present and future bays for 400 kV is indicative only. In order to optimum utilization of land TSP may modify the configuration keeping overall scope intact.		Bidder needs information for proper estimation	Bidders understanding is correct.
128.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 220 KV Bhandara SS Extension	Please confirm availability of Peripheral Unit in case of Distributed Bus bar at 220kV Bhandara AIS substation. Also confirm availability of Port in Central Unit for integration of extension Bays.		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
129.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 132 KV Sakoli SS Extension	Please confirm availability of Peripheral Unit in case of Distributed Bus bar at 132 kV Sakoli AIS substation. Also confirm availability of Port in Central Unit for integration of extension Bays.		Bidder needs information for proper estimation	Please refer **Appendix A** for available information . For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
130.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 132 KV Sakoli SS Extension	Kindly confirm availability of space in existing kiosk for 132 kV Bays at 132 kV Existing Sakoli AIS Substation		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
131.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"	General Queries of 132 KV Morgaon Arjuni SS Extension	Kindly confirm availability of space in existing kiosk for 132 kV Bays at 132 kV Existing Morgaon Arjuni AIS Substation		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	dated 16.12.2025					Please also refer Clause no 2.5.7 of the RFP Document.
132.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 132 KV Deori (Proposed) SS	Kindly confirm availability of space in existing kiosk for 132 kV Bays at 132 kV Deori (Proposed) AIS Substation		Bidder needs information for proper estimation	132 kV Deori is Proposed Substation, information regarding the same can be available after completion. Please also refer Clause no 2.5.7 of the RFP Document.
133.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 220 KV Bhandara SS Extension	Kindly Confirm availability of ACDB & DCDB feeder for extension bays at 220 kV Bhandara (Existing) SS.		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
134.	RFP for Establishment of 400/220/132 kV AIS Sakoli	General Queries of 132 KV Sakoli SS Extension	Kindly Confirm availability of ACDB & DCDB feeder for extension bays at 132 kV Sakoli (Existing) SS.		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	(Dist. Bhandara)" dated 16.12.2025					details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
135.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 132 KV Morgaon Arjuni SS Extension	Kindly Confirm availability of ACDB & DCDB feeder for extension bays at 132 kV Morgaon Arjuni (Existing) SS.		Bidder needs information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
136.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries of 132 KV Deori (Proposed) SS	Kindly Confirm availability of ACDB & DCDB feeder for extension bays at 132 kV Deori (Proposed) SS.		Bidder needs information for proper estimation	132 kV Deori is Proposed Substation, information regarding the same can be available after completion. Please also refer Clause no 2.5.7 of the RFP Document.

Dated: 16.02.2026

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
137.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	B1.2.v) Space for 400 kV, 220 kV & 132 kV future line bays shall be kept considering provision of switchable line reactors	As per practice for 220kV & 132kV Lines Reactors are not generally envisaged, hence we understand that Space provision for future switchable line reactors is to be kept for 400kV Lines only. Please confirm.		Bidder needs information for proper estimation	Bidders understanding is correct.
138.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	General Queries	Kindly confirm the total route length for • 220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Deori (new)		Bidder needs information for proper estimation	The survey report has already been issued to the bidders with all relevant details. However, the bidder shall finalize the route after their detailed survey considering the requirement of RFP and CEA regulations. Bidder may visit the site and acquaint themselves with the site conditions. Please also refer to Clause no 2.5.7 of the RFP Document.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)			
139.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	Annexure-F.1 Next Generation Firewall (NGFW) TSP shall provide 2 NGFW one in Main and another in Standby mode having electrical ethernet interfaces/ports and placed between FOTE and SAS gateway/s at the substation. All ethernet based applications shall be terminated in the firewall ports directly (e.g. PMU, AMR, VOIP, SAS/SCADA etc.). Each port of firewall shall work as a separate zone. Firewall shall be hardware based with features of Block/Allow/drop and IPSec VPN (network encryption).	Separate Firewalls/RCFs to be considered for SAS/SCADA data and data PMU, AMR, VOIP.	TSP shall provide 2 **Firewall/RCF** one in Main and another in Standby mode having electrical ethernet interfaces/ports and placed between FOTE and SAS gateway/s at the substation.	Considering that NGFW requires centralized management for updates and connectivity to the Internet which is not feasible for air-gapped networks, RCF (Router cum Firewall) should also be allowed. Also, the attack surface associated with SAS/SCADA system differs significantly from that of PMU, AMR, and VOIP system. SAS/SCADA system carries greater risk and impact because it's closely tied to core operational systems and has device controls. Accordingly, Firewall shall be segregated as per type of system being handled and	Bidder understanding is correct. Scope of RFP shall prevail.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
					the level of protection it demands.	
140.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	Annexure-F.1 Next Generation Firewall (NGFW) Firewall shall be tested and certified for ISO15408 Common Criteria for least EAL4+. Further, the OEM must certify that it conforms to Secure Product Development Life Cycle requirements as per IEC62443-4-1. The firewall shall generate reports for NERC CIP Compliance.	Applicability of EAL 4+ Common Criteria certification for electrical Substation environment	Firewall shall be tested and certified for ISO15408 Common Criteria for least EAL4+. ***-This Clause to be deleted***	EAL 4+ certification is not available for OT environment Firewalls/RCF. The OT specific devices conform to IEC 62443-4- 1 standard.	TSP shall deploy Cyber Security System in compliance with CEA (Cyber Security in Power Sector) Guidelines, 2021 and CEA (Cyber Security in Power Sector) Regulation, from its date of publication/ notification and their amendments thereof.
141.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	Annexure F.2 Specifications of Next Generation Firewall (NGFW) 1. ...Deep Packet Inspection...Anti-Virus, Anti-Spyware...		Deep Packet Inspection, Anti-Virus, Anti-Spyware ***-These features to be deleted***	The specified features (Deep Packet Inspection, Anti-Virus, Anti-Spyware etc.) are generally not available with OT specific ruggedized) firewalls/RCF as these features are not relevant in OT specific data communication protocols such as IEC 104. Further, these features	TSP shall deploy Cyber Security System in compliance with CEA (Cyber Security in Power Sector) Guidelines, 2021 and CEA (Cyber Security in Power Sector) Regulation, from its date of publication/ notification and their amendments thereof.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
					require internet connection for signature updates, which shall defeat the requirement of Air-gap between OT & IT networks as envisaged in CEA cyber security guidelines.	
142.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	Annexure F.2 Specifications of Next Generation Firewall (NGFW) 3. Firewall shall have feature and also have capability to update the definition/ Signatures of Anti-Virus online as well as offline.	Applicability of Anti-Virus feature	To be deleted	The Anti-Virus feature asked is not relevant in OT specific data communication protocols such as IEC 104. Further providing internet connection to S/s firewall is not practically feasible and defeats the core purpose of Air-gap between OT & IT networks as envisaged in CEA cyber security guidelines.	TSP shall deploy Cyber Security System in compliance with CEA (Cyber Security in Power Sector) Guidelines, 2021 and CEA (Cyber Security in Power Sector) Regulation, from its date of publication/ notification and their amendments thereof.
143.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist.	Annexure F.2 Specifications of Next Generation Firewall (NGFW)	Mounting of Firewalls	Firewalls shall be rack/DIN mounted in existing standard	OT specific (ruggedized) firewalls/RCF usually come in DIN mounting. Both type of mounting should be allowed.	TSP shall deploy Cyber Security System in compliance with CEA (Cyber Security in Power Sector) Guidelines, 2021 and CEA (Cyber Security

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	Bhandara)" dated 16.12.2025	6. Firewall shall be rack mounted in existing standard equipment cabinets		equipment cabinets.		in Power Sector) Regulation, from its date of publication/ notification and their amendments thereof.
144.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	Annexure F.2 Specifications of Next Generation Firewall (NGFW) 7. Firewall shall have support of SCADA applications (IEC-60870-5-104), ICCP, PMU (IEEE C37.118), Sub-Station Automation System (IEC 61850), Ethernet and other substation environment protocols.	Support for ICCP, Sub-Station Automation System (IEC 61850) in Firewall/RCF	Firewall/RCF shall have support of SCADA applications (IEC-60870-5-104) and PMU (IEEE C37.118) protocols	The Firewall acts as perimeter security 21 towards RLDC/SLDC communication rom substation. Hence, support of IEC-60870-5-104 is only to be specified. The Other specified protocols "IEEE C37.118, ICCP, IEC 61850, Ethernet and other substation environment protocols" are not relevant for this placement. Moreover, OT specific firewalls/RCF do not support all these specified protocols	TSP shall deploy Cyber Security System in compliance with CEA (Cyber Security in Power Sector) Guidelines, 2021 and CEA (Cyber Security in Power Sector) Regulation, from its date of publication/ notification and their amendments thereof.
145.	RFP for Establishment of	Annexure F.2	Requirement of synchronization With time.nplindia.org	Firewall/RCF time shall be	The firewall shall be synchronized	TSP shall deploy Cyber Security System in compliance with CEA

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025	Specifications of Next Generation Firewall (NGFW) Firewall time shall be kept synchronised to official Indian Timekeeping agency, time.nplindia.org.		kept synchronized to GPS available at substation	with GPS available in substation. The connectivity to time.nplindia.org is not feasible for OT Air gap network.	(Cyber Security in Power Sector) Guidelines, 2021 and CEA (Cyber Security in Power Sector) Regulation, from its date of publication/ notification and their amendments thereof.
146.	RFP	220 kV line end bays at 220 kV Bhandara (existing)-02 Nos. 132 kV line end bays at 132 kV Deori (proposed)-02 Nos. 132 kV line end bays at 132 kV Sakoli (existing)-02Nos. 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos. Sl. No. 3, 4, 5& 6	BPC to share the existing SLD & Layout with marking on present scope of work for better clarity.			132 kV Deori is proposed Substation information regarding the same can be available after completion. Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		General Scope of work				
147.	RFP	220 kV line end bays at 220 kV Bhandara (existing)-02 Nos. 132 kV line end bays at 132 kV Deori (proposed)-02 Nos. 132 kV line end bays at 132 kV Sakoli (existing)-02Nos. 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos. B.2.4 d)	It is understood that existing busbar protection has provision for future bays and PUs are also available for the same. BPC to confirm. BPC to also provide the make and Model of Bus bar protection.			132 kV Deori is proposed Substation information regarding the same can be available after completion. Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
148.	RFP	220 kV line end bays at 220 kV Bhandara (existing)-02 Nos. 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.	It is understood that existing substation is having sufficient capacity of LT Trafo, DG set, Battery and battery charger to cater load of bays under present scope and TSP need not consider new			132 kV Deori is proposed Substation information regarding the same can be available after completion. Please refer **Appendix A** for available information.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		132 kV line end bays at 132 kV Sakoli (existing)-02Nos. 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos. B.3.1	Trafo, DG set & Battey & Battery Charger. BPC to confirm the understanding.			For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
149.	RFP	220 kV line end bays at 220 kV Bhandara (existing)-02 Nos. 132 kV line end bays at 132 kV Deori (proposed)-02 Nos. 132 kV line end bays at 132 kV Sakoli (existing)-02Nos. 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.	BPC to confirm the availability of AC & DC feeder in existing ACDB & DCDB for present scope of work			132 kV Deori is proposed Substation information regarding the same can be available after completion. Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.

Dated: 16.02.2026

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		B.3.1 iii)				
150.	RFP	220 kV line end bays at 220 kV Bhandara (existing)-02 Nos. 132 kV line end bays at 132 kV Deori (proposed)-02 Nos. 132 kV line end bays at 132 kV Sakoli (existing)-02Nos. 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos. B.4 a)	BPC to confirm whether the adjacent gantry is suitable for Bay extension or not.			132 kV Deori is proposed Substation information regarding the same can be available after completion. Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
151.	RFP	220 kV line end bays at 220 kV Bhandara (existing)-02 Nos. 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.	BPC to confirm Main cable trenches from the control room building to switchyard shall have adequate space provision for laying of cables under the present scope of work.			132 kV Deori is proposed Substation information regarding the same can be available after completion. Please refer **Appendix A** for available information. For further details the bidders are requested to

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		132 kV line end bays at 132 kV Sakoli (existing)-02Nos. 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos. B.3.5				visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
152.	RFP	220 kV line end bays at 220 kV Bhandara (existing)-02 Nos. 132 kV line end bays at 132 kV Deori (proposed)-02 Nos. 132 kV line end bays at 132 kV Sakoli (existing)-02Nos. 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos. B.3.2 Fire Fighting System	A separate FFPH system is not included in the current scope of work. Extension from the existing system has been considered. BPC to confirm our understanding.			Bidders' understanding is correct. Further, bidders' are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
153.	RFP	220 kV line end bays at 220 kV Bhandara (existing)-02 Nos. 132 kV line end bays at 132 kV Deori (proposed)-02 Nos. 132 kV line end bays at 132 kV Sakoli (existing)-02Nos. 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos. Note:- Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.	We request BPC to confirm that land for Bhandara, Deori, Sakoli (existing) & Morgaon Arjuni SS will be provided free of cost to the TSP. Further, in case of any land constraints at Bhandara, Deori, Sakoli (existing) & Morgaon Arjuni SS, BPC is expected to clarify to the TSP either to procure additional land or to consider opting for GIS. We request BPC to freeze the requirement of Bays at Bhandara, Deori, Sakoli (existing) & Morgaon Arjuni SS SS AIS or GIS for bringing all the bidders on the same cost level.			Space shall be provided for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) by existing utilities free of cost. In case of land constraint, it is up to the discretion of the bidder whether to opt for GIS bays or purchase adjacent land. However, bidders are requested to visit the site and ascertain the site availability/ condition in coordination with the substat ion incharge.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
154.	RFP	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. SL No. 1 Scope of work	As per the provided scope of work, the bus reactor and its associated bay is not explicitly mentioned. However, Note (ix) specifies the inclusion of one number bus reactor. Based on this, we understand that one number of bus reactor and associated bay is included within the current scope of work. BPC to kindly confirm our understanding.			Bidders understanding is correct.
155.	RFP	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. SL No. 1 Scope of work	As per the scope of work, 220kV & 132kV Transfer Bus Coupler Bay – 01 Set is mentioned. Our understanding is that 1 set of bus coupler bay corresponds to 1 number. Kindly confirm our interpretation			The Bidders understanding is correct.
156.	RFP	B.2.3.3 Current Transformers (AIS)	As per Current transformer specifications, number of cores mentioned for 400kV & 220kV CT. BPC to kindly provide the number of cores for 132kV system.			132 kV Current Transformers shall have five cores (four for protection and one for metering).
157.	RFP	B.1.1 Insulation Coordination	As per clause B.1.1, Switching Impulse withstand voltage (250/2500 micro sec.) dry and wet mentioned for 220kV system. However, as per CEA guidelines			The 460 kVp mentioned for switching impulse voltage should be read as power frequency

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			switching impulse voltage is not applicable for 220kV system. In view of this, we request BPC to kindly delete the requirement for switching impulse voltage for the 220 kV system.			voltage for 220 kV system.
158.	RFP	Connection arrangement of Switchable Line reactors shall be such that it can be used as Line reactor as well as Bus reactor with suitable NGR bypass arrangement. Note- iv)	As per note iv) "Connection arrangement of Switchable Line reactors shall be such that it can be used as Line. reactor as well as Bus reactor with suitable NGR bypass arrangement." As this project doesn't involve any line reactor, we understand this clause is not applicable for this project. BPC to confirm our understanding.			Bidders understanding is correct.
159.	RFP	Space for 400 kV, 220 kV & 132 kV future line bays shall be kept considering provision of switchable line reactors. Note- v)	As per note v) "Space for 400 kV, 220 kV & 132 kV future line bays shall be kept considering provision of switchable line reactors." As this project doesn't involve any future line, we understand that this clause may not be applicable for this project.			Bidders understanding is correct
160.	RFP Sakoli,C. SPECIFIC TECHNICAL REQUIREMENT FOR COMMUNICATION	C 3.0 - FOTE requirement at 400/220/132 kV Lines	1. BPC to provide clarity for the requirement of FOTE panels for the LILO lines. 2. All remote ends are having or being installed STM 4/16.3. If All remote ends are having or being installed STM 4/16 then whether that STM MSP is including this new direction or not. If STM is			1. Requirement of FOTE panels for the LILO lines shall be as per actual site Requirement(if any)/situations . It is in the scope of TSP. 2. TSP requested to ascertain

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			there then line cards for this new line direction are available or not.			information by visiting actual site. Please refer clause 2.5.7 of RFP
161.	RFP Sakoli	Establishment of 400/220/132 kV AIS Sakoli, Scope Table, Clause-2, Page - 3 & 4 Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.	BPC to firm the availability of space at respective location for bay extension works. Clarity to be give to the bidders as AIS or GIS station is required, this is to bring all the bidders at par.			132 kv Deori is proposed substation information regarding the same can be available after completion. Bidders are requested to visit the site and ascertain the site availability/condition in coordination with the substation Incharge. In case of land constraint TSP may opt for GIS bay or procure adjacent land.
162.	RFP Sakoli, B 1.2	Point- v), Space for 400 kV, 220 kV & 132 kV future line bays shall be kept considering provision of switchable line reactors	Is Line reactor space required for 220 & 132kV future lines. BPC to provide clarity.			The scope of RFP shall prevail.
163.	RFP Sakoli	Existing drawings	BPC to provide the existing/proposed station 220 & 132kV substations layouts/elevations with present Bay termination marked – 1. 220 kV Bhandara (existing) 2. 132 kV. Deori (proposed)			132 kV Deori is proposed substation information regarding the same can be available after completion.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			3. 132 kV Sakoli (existing) 4. 132 kV Morgaon Arjuni (existing)			Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
164.	RFP Sakoli	Existing Auxiliary system drawings	It is understood that the existing/proposed 220 & 132kV substations (remote end) are designed with the additional ACDB & DCDB feeders required for the scope as per the RFP. Please confirm.			132 kV Deori is proposed substation information regarding the same can be available after completion. Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.Please also

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
						refer Clause no 2.5.7 of the RFP Document.
165.	RFP Sakoli	Existing Auxiliary system drawings	It is understood that the existing/proposed 220 & 132kV substations (remote end) are having sufficient capacity of LT Trafo, DG set, battery and battery charger to cater the load requirement for the present scope. Please confirm.			132 kV Deori is proposed substation information regarding the same can be available after completion. Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
166.	RFP Sakoli	Existing Auxiliary system drawings	We understand that no new FFPH system is required on existing substations. TSP will extend the existing hydrant pipe for bays as per the scope.			The Bidders understanding is correct.
167.	RFP Sakoli	Scope of Work	BPC to provide the following drawings for the proposed/existing (remote end) substations – a. SLD (with new bays assigned) b. Cable Trench layout c. Drain Layout d. Earthmat layout / Resistivity value			132 kV Deori is proposed substation information regarding the same can be available after completion.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			e. Substation Automation system (Make/Model) f. PLCC/FOTE make/model in the existing substations g. FFPH system layout h. Existing Busbar make/model The same is required to understand the extension scope for earthmat/cable trench/drain etc. Please provide.			Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
168.	RFP Sakoli	Existing SCADA System	We have not considered HMI for the remote end substations. Please confirm.			The provisions of RfP shall prevail. However, bidders are advised to visit the site and acquaint themself with the provisions/facilities available at substation and the quantum of necessary work involved for accommodating the necessary bays in existing substations. These works shall be in the scope of the TSP.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
						Please also refer Clause no 2.5.7 of the RFP Document.
169.	RFP Sakoli	B.3.7 Visual monitoring system (VMS) for watch and ward of substation premises	BPC to provide the VMS make for the existing/proposed (remote end) substations.			132 kV Deori is proposed substation information regarding the same can be available after completion. Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
170.	RFP	Clause 2.0, Page no 4. Sr no 2	BPC requested to provide conductor and OPGW parameters for following LILO line as it is difficult to get existing line details for bidders officially from respective authorities. LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG)			Bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			400 kV D/C line at 400 kV AIS Sakoli (New)			Please also refer Clause no 2.5.7 of the RFP Document.
171.	TSA_Sakoli page no 86		We envisage that the 132 kV transmission lines shall be designed for a maximum operating conductor temperature of 75°C, in line with standard practice. Kindly confirm.		Clarification	The provision of RFP shall prevail.
172.	RFP	Clause 1.2 □ 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.	BPC is requested to provide following details related to extension work at Bhandara (existing): 1. Space is control room for panels to be supplied under present scope of work 2. Make and model of SCADA 3. Make and model of Busbar protection scheme 4. Availability of CU and PU for extension bays		Bidder needs the information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			5. Sufficiency of existing battery, battery charger, LT aux system, FFPH for current scope of work 6. Availability of space for spare storage 7. Please provide the contact details of Nodal officer of existing SS 8. Availability of VMS at existing SS 9. Availability of space for feeders in ACDB and DCDB Availability of gateway for communication to LDC.			
173.	RFP	Clause 1.2 □ 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.	BPC is requested to provide following drawings/documents for the extension work at Bhandara (existing): 1. GA and SLD with scope of work clearly demarcated on it. 2. Coordinates of take-off gantry 3. Earthmat drawing 4. Soil investigation report 5. Contour survey Section drawing of the substation		Bidder needs the information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
174.	RFP	Clause 1.2	Bidder understands that existing Wardha (OG) – Raipur (PG) has		Bidder needs the information for proper estimation	Bidders are requested to visit the site and ascertain the necessary

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.	OPGW and FOTE equipment existing in it. Please confirm. BPC is also requested to share the existing OPGW technical specifications.			details in coordination with the line owner. Please also refer Clause no 2.5.7 of the RFP Document.
175.	RFP	Clause 1.2 □ 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.	BPC is requested to provide following details related to extension work at Deori (Proposed): 1. Space is control room for panels to be supplied under present scope of work 2. Make and model of SCADA 3. Make and model of Busbar protection scheme 4. Availability of CU and PU for extension bays 5. Sufficiency of existing battery, battery charger, LT aux system, FFPH for current scope of work 6. Availability of space for spare storage		Bidder needs the information for proper estimation	132 kV Deori is proposed substation information regarding the same can be available after completion. Bidders are requested to visit the site and ascertain the necessary details in coordination with the substation owner. Please also refer Clause no 2.5.7 of the RFP Document.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			7. Please provide the contact details of Nodal officer of existing SS 8. Availability of VMS at existing SS 9. Availability of space for feeders in ACDB and DCDB Availability of gateway for communication to LDC.			
176.	RFP	Clause 1.2 □ 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.	BPC is requested to provide following drawings/documents for the extension work at Deori (Proposed)- 1. GA and SLD with scope of work clearly demarcated on it. 2. Coordinates of take-off gantry 3. Earthmat drawing 4. Soil investigation report 5. Contour survey Section drawing of the substation		Bidder needs the information for proper estimation	132 kV Deori is proposed substation information regarding the same can be available after completion. For further details regarding proposed substations, the TSP to coordinate with the substation owner.
177.	RFP .	Clause 1.2 Note- Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at	BPC is requested to clearly mention if space is available or not at the existing substations for the extension work under current bid. Further BPC is requested to demarcate the proposed land in the provided GA drawing for the .		Bidder needs the information for proper estimation .	Bidders are requested to visit the site and ascertain the site availability/condition in coordination with the substation owner.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		132 kV Sakoli (Existing) shall be provided by existing Utility. **However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.**	extension work for proper clarity on scope of work involved. Further, BPC to clearly mention if the extension work is with AIS or GIS. If the extension is of GIS type, please share the technical specifications for GIS. Bidder wants to mention that proper clarity on space availability and technology (AIS or GIS) is required for proper estimation of work and making scope of work same for all bidders.			For further details, TSP to coordinate with the substation owner. In case of space constraint TSP may opt for GIS bays or procure adjacent land.
178.	RFP	Clause 1.2 □ 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.	BPC is requested to provide following details related to extension work at Sakoli(Existing): 1. Space is control room for panels to be supplied under present scope of work 2. Make and model of SCADA 3. Make and model of Busbar protection scheme 4. Availability of CU and PU for extension bays 5. Sufficiency of existing battery, battery charger, LT aux system, FFPH for current scope of work 6. Availability of space for spare storage		Bidder needs the information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			7. Please provide the contact details of Nodal officer of existing SS 8. Availability of VMS at existing SS 9. Availability of space for feeders in ACDB and DCDB Availability of gateway for communication to LDC.			
179.	RFP	Clause 1.2 □ 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.	BPC is requested to provide following drawings/documents for the extension work at Sakoli (existing)- 1. GA and SLD with scope of work clearly demarcated on it. 2. Coordinates of take-off gantry 3. Earthmat drawing 4. Soil investigation report 5. Contour survey Section drawing of the substation		Bidder needs the information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
180.	RFP	B. SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION	Bidder understands that all the existing SS for extension work under current bid are of AIS type. Please confirm.		Bidder needs the information for proper estimation	The Bidders understanding is correct. However in case of land constraint TSP may opt for GIS bays or procure adjacent suitable land.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
181.	RFP	Clause 1.2 □ 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.	BPC is requested to provide following details related to extension work at Morgaon Arjuni (existing): 1. Space is control room for panels to be supplied under present scope of work 2. Make and model of SCADA 3. Make and model of Busbar protection scheme 4. Availability of CU and PU for extension bays 5. Sufficiency of existing battery, battery charger, LT aux system, FFPH for current scope of work 6. Availability of space for spare storage 7. Please provide the contact details of Nodal officer of existing SS 8. Availability of VMS at existing SS 9. Availability of space for feeders in ACDB and DCDB Availability of gateway for communication to LDC.		Bidder needs the information for proper estimation	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
182.	RFP	Clause 1.2	BPC is requested to provide following drawings/documents for		Bidder needs the information for proper estimation	Please refer **Appendix A** for available information.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		□ 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.	the extension work at Morgaon Arjuni (existing) 1. GA and SLD with scope of work clearly demarcated on it. 2. Coordinates of take-off gantry 3. Earthmat drawing 4. Soil investigation report 5. Contour survey Section drawing of the substation			For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
183.	RFP	B.1.1 Insulation Coordination	BPC is requested to provide insulation coordination data for Sakoli existing, Morgaon Arjuni, Deori, wardha and Bhandara SS extension work.		Bidder needs the information for proper estimation	Bidders requested to ascertain information themselves by visiting remote end substations. Please refer RFP clause 2.5.7
184.	RFP	B.1.2 Switching Scheme	BPC is requested to provide switching scheme details for Sakoli existing, Morgaon Arjuni, Deori, wardha and Bhandara SS extension work.		Bidder needs the information for proper estimation	132 kV Deori is proposed substation information regarding the same can be available after completion. Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
						details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
185.	RFP	A.8.0 The required phase to phase spacing and horizontal spacing for 400 kV lines shall be governed by the tower design as well as minimum live metal clearances for 400 kV voltage level under different insulator swing angles. However, the phase-to-phase spacing for 400 kV lines shall not be less than 8 m..	Phase to Phase Spacing is mentioned for 400kV lines only in RFP. As per clause 7.3.1 of IS 5613 Part 2/ Sec1, minimum phase to phase spacing for 220kV & 132 kV line is mentioned as 4.9m & 3.9 m. Hence it is understood that bidder can consider minimum phase to phase spacing for 220kV & 132kV as per the IS 5613.		Bidder needs the information for proper estimation	The phase spacing for 220 kV D/C and 132 kV Line shall be not less than 5.0 m and 4.0 m respectively. Please refer **Amendment 1** in this regard.
186.	RFP	Clause A.7.0 Conductor bundle for 220kV & 132kV D/C transmission lines.	Since conductor bundle for 220 kV & 132kV line is not provided, it is understood that Single conductor shall be used. BPC is requested to clarify.		Bidder needs information for proper estimation.	Bidders understanding is correct.
187.	RFP	Clause A.7.0 (b) For all 200 kV lines under present scope & Clause A.7.0 (c) For all 132 kV lines under present scope	Maximum DC resistance and Minimum UTS values are mentioned for all 400kV lines only under present scope. It is requested to specify the maximum DC resistance and Minmum UTS for all conductor		Bidder needs information for proper estimation.	Please refer **Amendment 1** in this regard.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			types suitable for 220kV and 132kV lines under present scope			
188.	RFP	Clause 1.3 In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.	For "LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)" , BPC is requested to provide the conductor and OPGW parameters of existing "Wardha- Raipur 400kV D/C line" such as ,Conductor type, Conductor diameter, Conductor Ampacity, Maximum DC resistance of conductor, Minimum UTS of conductor, OPGW diameter, OPGW UTS etc		Bidder needs information for proper estimation.	Bidders are requested to visit the site and ascertain the necessary details in coordination with the line owner. Please also refer Clause no 2.5.7 of the RFP Document.
189.	RFP	Annexure – D Technical Specifications of Transmission System	As per latest revision of IS 1893 (Part 1): 2025 (Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures — Code of Practice Part 1 General Provisions) There are major changes in earthquake zones (zone VI added with higher zone factors) further zone factors are also increased which shall have significant increase in foundation & RCC structure BOQs. Specially updates in liquefaction potential calculation of soil, most of the foundations will become heavier requiring large diameter RCC piles, wherever soil is loose to medium dense. IS 1893 (Part 1): 2025: Issued in November 2025.		Bidder needs the information for proper estimation	Specifications provided in RFP/relevant CEA guidelines to be followed.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			IS 1893 (Part 8): Steel towers: Not issued yet. Please confirm whether IS 1893 (Part 1): 2025 to be strictly followed or IS 1893 (Part 1): 2016 can be followed till Part 8 Steel towers of latest code is issued.			
190.	RFP	Specific Technical Requirements for Transmission Line	For transmission line, no special requirement is specified for type of Insulator and creepage in RFP document. Hence it is understood that bidder can decide the type of insulator along with creepage requirement based on general CEA regulations and relevant standards. Kindly confirm.		Bidder needs information for proper estimation.	Bidders understanding is correct.
191.	Survey Report	In Survey Report Scope of work Sl No-2 LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)	"BPC is requested to clarify : LILO tapping point mentioned in survey report, whether it is fixed or at the discretion of the bidder."		Bidder needs information for proper estimation.	Bidder can optimize the tapping point in coordination with line owner, while complying with all the terms & conditions and scope of work in the RFP.
192.	Survey Report	In Survey Report Scope of work Sl No-2 LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)	BPC please share the technical specifications of OPGW for existing lines		Bidder needs information for proper estimation.	Bidders are requested to visit the site and ascertain the necessary details in coordination with the line owner.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
						Please also refer Clause no 2.5.7 of the RFP Document.
193.	Survey Report	In Survey Report Scope of work Sl No-3,5&6 3. 220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) 5. 132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) 6. 132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing)	BPC is requested to share the following details for Bhandara S/s, Sakoli S/s and Morgaon Arjuni S/s 1.Coordinates of proposed Malegaon S/s 2.GA drawing with the marking of terminating Bay inside the substation. 3.Soil investigation Report. 4.Earth Mat Layout. 5.SLD		Bidder needs information for proper estimation.	The survey report has been already issued to the bidders with relevant details. For further information. bidders are requested to visit the site and ascertain in coordination with the substation owner. Please also refer Clause no 2.5.7 of the RFP Document.
194.	TSA	Schedule 1 **Note:** #: Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire	What is the timeline for providing the land by the Utility? Whether the space shall be provided free of cost? If there is any delay in providing the land then who shall be held responsible and whether such delay shall be covered under Force Majeure?			Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. For further information. bidders are requested to

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		suitable land adjacent to the substations.				coordination with the substation incharge. In case of land constraint bidders may opt for GIS bays or acquire adjacent land parce. Please also refer Clause no 2.5.7 of the RFP Document.
195.	RFP_Sakoli	B.2.4 a) Transmission Lines Protection	We are considering Line Distance Relay for 400kV, 220kV and 132 KV Line Bays. Kindly Confirm.			Scope of work shall be as per RFP.
196.	RFP_Sakoli	B.2.4 a) Transmission Lines Protection – Line Current Differential relay (with back up distance protection feature) as Main–I & Main-II may be considered, for short lines (line length less than 10 KM)	If any line length is less than 10 km then Please provide Other End Line Differential relay details.			Bidders are requested to visit the site and ascertain the necessary details in coordination with the line owner. Please also refer Clause no 2.5.7 of the RFP Document.
197.	RFP_Sakoli	B.2.3.2 Isolators (AIS)	Kindly confirm the moving blade material whether it is Aluminum/Copper			copper
198.	RFP_Sakoli	B.3.1 AC and DC power supplies	Kindly confirm if we can consider VRLA battery in place of Tubular lead acid battery.			It is upon the discretion of the bidder
199.	RFP_Sakoli	B.3.1 AC and DC power supplies	Kindly confirm if we can consider Thyristor based charger in place of SMPS based charger.			It is upon the discretion of the bidder
200.	RFP_Sakoli	SECTION 1, 1.3 - Space for 220 kV line bay at Bhandara	Please provide Existing substation Layout. Also Confirm that if Land not			

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		(Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However, in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.	Available for acquisition of Land and ROW is not in TSP scope.			Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.
201.	RFP_Sakoli	C.4.0 Specific Requirement for Phasor Measurement Units (PMUs)	Please confirm PMU will be installed in Stand-alone type panel or in CRP panel.			Scope of work shall be as per RFP. However, bidders are advised to visit the site and acquaint themself with the provisions/facilities available at substation and the quantum of necessary work involved for accommodating the necessary bays in existing substations. These works shall be in the scope of the TSP. Please also refer Clause no 2.5.7 of the RFP Document.
202.	RFP_Sakoli	B.2.5 - Substation Automation System - In the existing substations with a	Please provide Existing SAS OEM and Model No of the existing Substation Also inform the			132 kV Deori is proposed substation information regarding the same can

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		Substation Automation System (SAS), augmentation of existing SAS shall be done for bays under the present scope.	philosophy of integration of SAS for 132kV line end bays at Deori(proposed)			be available after completion. Please also refer Clause no 2.5.7 of the RFP Document.
203.	pg. no. 4 of RFP_Sakoli Note	In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters	In ANNEXURE-C clause no. A.7.0 a) various kinds of conductors are specified for400kV lines under present scope. Please confirm whether any type of conductors as specified above can be used for LILO lines or else we have to exactly match the specification of the existing 400kV Line parameters (from where we have to tap the 400kV line).If so, then please indicate specification of existing line parameters of 400kV line and OPGW .			It is confirmed that for LILO lines, the technical specifications of Conductor and OPGW should be matching with existing line parameters. For further details, bidders are requested to visit the site and ascertain in coordination with the line owner. Please also refer Clause no 2.5.7 of the RFP Document.
204.	clause no. B.1.1 of annexure-C	switching impulse withstand voltage for 220kV is mentioned where as, one minute dry & wet power frequency withstand voltage is not mentioned for 220kV & 132kV voltage system	Please clarfy			The 460 kVp mentioned for switching impulse voltage should be read as power frequency voltage for 220 kV system.
205.	General	Requirement of wave trap & switchable line reactor	Do we have to consider switchable line reactor for all 4 nos. of 400kV line bays?			Scope of work shall be as per RFP. However, bidders are advised to visit the site and acquaint

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			Do we have to consider wave traps(two phase only) for all the 400 kV,220kV & 132kV line bays ?			themself with the provisions/facilities available at substation and the quantum of necessary work involved for accommodating the necessary bays in existing substations. These works shall be in the scope of the TSP. Please also refer Clause no 2.5.7 of the RFP Document.
206.	**RFP**	**General**	Kindly confirm: Whether the Project/ Elements are eligible for early commissioning incentive as per MoP, GoI order dated 15.07.2015.			Project/ Elements are not eligible for early commissioning incentive as per MoP, GoI order dated 15.07.2015.
207.	ANNEXURE 8 - UNDERTAKING AND DETAILS OF EQUITY INVESTMENT	.... We confirm that our Bid meets the Scheduled COD of each transmission Element and the Project as specified below: **Name of the Transmission Element** / **Scheduled COD** Establishment of AIS Sakoli with 2x 500 MVA, 400/220 kV ICTs & 2x315 MVA, 400/132 kV ICTs / 24 MONTHS	Kindly provide the element wise break up for determining the transmission charges based on availability.		For clarity and determination of tariff during operation.	Provisions of RFP/TSP shall prevail. Further, all Elements are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		with 1x125 MVAr Bus Reactor at 400kV level..... LILO of Both circuit of 400 kV Wardha (PG)-Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) 220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) 132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) 132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) 132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing)				
208.	RfP	....The TSP will be required to establish the following Intra State Transmission System for	**Space for bay extension works at Bhandara (existing), Deori**		For clarity and determination of tariff.	Space shall be provided for 220 kV line bay at Bhandara (Existing), 132

<table>
<tr><th>Sl. No.</th><th>Name of the document</th><th>Clause No. and Existing provision</th><th>Clarification required</th><th>Suggested text for the amendment</th><th>Rationale for the Clarification or Amendment</th><th>RECPDCL Reply</th></tr>
<tr>
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<td>"Establishment of400/220/132 kV AIS Sakoli (Dist. Bhandara)"... ....
<table>
<tr><th>Name of the Transmission Element</th><th>Scheduled COD</th></tr>
<tr><td>Establishment of AIS Sakoli with 2x 500 MVA, 400/220 kV ICTs & 2x315 MVA, 400/132 kV ICTs with 1x125 MVAr Bus Reactor at 400kV level.....</td><td rowspan="6">24 MONTHS</td></tr>
<tr><td>LILO of Both circuit of 400 kV Wardha (PG)-Raipur (PG) 400kV D/C line at 400 kV AIS Sakoli (New)</td></tr>
<tr><td>220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing)</td></tr>
<tr><td>132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed)</td></tr>
<tr><td>132 kV D/C line from 400 kV AIS Sakoli (New) to</td></tr>
</table>
</td>
<td>(proposed), Sakoli (existing) and Morgaon Arjuni (existing):

• Whether the space shall be provided on "free of cost basis" or "on lease basis".

• In case Space is provide 'on lease basis', what will be charges?

• In case Space is provide 'on lease basis', what will be terms & condition of lease agreement?

• The space for bay extension works at Bhandara (existing), Deori (proposed), Sakoli (existing) and Morgaon Arjuni (existing) will be provided to TSP on an 'as-is, where-is' basis or if the land will be levelled prior to transfer.

• What is the timeline for handling over of land for construction?

In case no clarity is provided, it is presumed that TSP shall be deemed to have completed its scope of works on the SCODs for other elements and shall be entitled to receive transmission charges in case the land for bay extension works at Bhandara (existing), Deori (proposed), Sakoli (existing) and Morgaon Arjuni (existing) is not provided within 3 (three) months of</td>
<td></td>
<td></td>
<td>kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) by existing/proposed utilities free of cost on an 'as-is, where-is' basis.

For further details, bidders are requested to coordination with the substation owner.</td>
</tr>
</table>

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		132 kV Sakoli (existing) 132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) *Note:* *1. Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However, in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.* *2. In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.*	acquisition of subject project SPV by the successful bidder.			
209.	RfP	....The TSP will be required to establish the following Intra State Transmission System for "Establishment of400/220/132 kV AIS Sakoli (Dist. Bhandara)"...	Kindly confirm whether O&M of bays at Bhandara (existing), Deori (proposed), Sakoli (existing) and Morgaon Arjuni (existing) are in the scope of TSP. However, in case O&M is to be carried out by the existing owner on		The bidder can submit the realistic tariff bid.	The O&M is to be carried out the Owner on the behalf of TSP. The O&M Charges shall be applicable as per the

Sl. No.	Name of the document	Clause No. and Existing provision		Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		Name of the Transmission Element	**Scheduled COD**	behalf of TSP, it is understood that TSP shall be liable to pay O&M Charges as per CEA guideline issued on 22/06/2023 in line with prevailing practice in ISTS TBCB projects. Kindly confirm.			provisions of MERC Regulations as amended from time to time. Please refer MERC Order dated 28.03.2025 in Case No. 178 of 2024.
		Establishment of AIS Sakoli with 2x 500 MVA, 400/220 kV ICTs & 2x315 MVA, 400/132 kV ICTs with 1x125 MVAr Bus Reactor at 400kV level.....	24 MONTHS				
		LILO of Both circuit of 400 kV Wardha (PG)-Raipur (PG) 400kV D/C line at 400 kV AIS Sakoli (New)					
		220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing)					
		132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed)					
		132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing)					

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) *Note:* *1. Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However, in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.* *2. In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.*				
210.	RfP Documents	....The TSP will be required to establish the following Intra State Transmission System for "Establishment of400/220/132 kV AIS Sakoli (Dist. Bhandara)"... .... **Name of the Transmission Element** / **Scheduled COD**	As per the provisions of RfP, *Space for* bay extension works at Bhandara (existing), Deori (proposed), Sakoli (existing) and Morgaon Arjuni (existing) shall be provided by existing/ Future Utility. *However, in case of land constraints TSP may opt for GIS bays / procure*		Bidder needs information for proper estimation	132 kV Deori is proposed substation information regarding the same can be available after completion. In case of land constraints TSP may opt

Sl. No.	Name of the document	Clause No. and Existing provision		Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		Establishment of AIS Sakoli with 2x 500 MVA, 400/220 kV ICTs & 2x315 MVA, 400/132 kV ICTs with 1x125 MVAr Bus Reactor at 400kV level..... LILO of Both circuit of 400 kV Wardha (PG)-Raipur (PG) 400kV D/C line at 400 kV AIS Sakoli (New) 220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) 132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) 132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) 132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV	24 MONTHS	*suitable land adjacent to the substations* Considering the uncertainty about the availability of land and uncertainty in scope of work, i.e, construction of AIS/GIS bays at Bhandara (existing), Deori (proposed), Sakoli (existing) and Morgaon Arjuni (existing), it will be very difficult to firm up the price for preparation of RfP bid. The same will also create undue advantage to some participants. In order to ensure level playing field for all the bidders, following may be clarified: (i) Based on availability of land area identified for bay extension works at Bhandara (existing), Deori (proposed), Sakoli (existing) and Morgaon Arjuni (existing) the type of bays AIS or GIS shall be clearly defined in the scope of work. In case of GIS, technical specifications etc. may also be issued.			for GIS bays or procure adjacent land.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
		Morgaon Arjuni (existing) | *Note:* *1. Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However, in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.* *2. In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.*				
211.	RFP	B.2.0 Substation Equipment and facilities (Voltage level as applicable):	As per Clause B.2.0, the current rating specified for the 132 kV ICT bay, TBC bay, and line bay is 3000 A. However, as per standard TBCB practice, current rating of 1250 A is typically considered for ICT, TBC, and line bays in a 132 kV system. In view of this, we request BPC to kindly revise the current rating for the ICT bay, line bay, and TBC bay accordingly.			Scope of RFP shall prevail.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
212.	RFP_Sakoli_ Page no 4	Note- Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations. In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.	Kindly confirm whether land are available for all end bays or not		Clarification	Bidders are requested to visit the site and ascertain the site availability/condition in coordination with the substation owner. Please refer clause 2.5.7 of RFP
213.	RFP_Sakoli_ Page no 4	Note-Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations. In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.		1. Kindly provide the SLD of existing Sub Station ,where additional bays to be prepared.2. Also please provide the as build drwaing copy.2. Kindly provide the details of SAS and bus bar protection in existing Sub Station	Amendment	Please refer **Appendix A** for available information. For further details the bidders are requested to visit the site and ascertain the necessary details in coordination with the substation incharge. Please also refer Clause no 2.5.7 of the RFP Document.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
214.	Survey Report_Sakoli page no 78	Note: The exact coordinates for construction of 132 kV line bays at Deori substation (Proposed) for termination of 132 kV Deori (Proposed) – Sakoli (New) D/c line is to be obtained from the developer of the substation during execution stage.	Kindly confirm whether the proposed 132 kV Deori Substation is scheduled to be completed before the completion date of the subject project or beyond the project completion date. In case the completion of the 132 kV Deori Substation is beyond the completion date of this project, kindly clarify the proposed commissioning methodology			132 kV Deori(Proposed): Site handover to TSP for completion of project in Nov 2025 Work under Progress Completion date : March-2027
215.	RFP for Selection of Bidder as Transmission Service Provider & TSA	Section-2, clause no. 2.6. Project Schedule Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project & TSA: Schedule-4 Computation of Transmission Charges	Please note that there are 6 nos. of Transmission elements in the subject project. We understand that all elements of the scheme are required to be commissioned simultaneously as their utilization is dependent on each other and hence considering the same percentage of quoted transmission charges are clubbed and mentioned as single percentage (100%) for all these elements. BPC will appreciate that during Operation of the of the asset, if any outages happen to any element/elements of said asset or any scenarios occurs which are illustrated in schedule-4 of TSA then it will be difficult to compute payment of Transmission Charges under various scenarios based on the availability of each element.		Bidder needs information for proper estimation.	Provisions of RFP/TSP shall prevail. Further, all Elements are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			In view of the above, BPC is requested to provide break-up of each element.			
216.	Survey report	In Survey Report Scope of work Sl No-4 132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed)	BPC please clarify, the location of proposed Deori S/s is fixed or may change		Bidder needs information for proper estimation	132 kV Deori(Proposed): Site handover to TSP for completion of project in Nov 2025 Work under Progress Completion date : March-2027
217.	Survey Report	In Survey Report Scope of work Sl No-4 132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed)	BPC is requested to share the following details for Deori (Proposed) S/s 1.Coordinates of proposed Deori S/s 2.GA drawing with the marking of terminating Bay inside the substation. 3.Soil investigation Report. 4.Earth Mat Layout. 5.SLD			132 kV Deori(Proposed): Site handover to TSP for completion of project in Nov 2025 Work under Progress Completion date : March-2027 The survey report has been already issued to the bidders with relevant details. For further information. Bidders are requested to visit the site and ascertain in coordination with the substation owner.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
						Please also refer Clause no 2.5.7 of the RFP Document.
218.	Survey report of BPC	Page 106 & 107 of 177 of survey report.	As per BPC survey report, route of the line **132 kV D/C New Sakoli to Sakoli Existing SS** provided on existing 132 kV D/C line locations MC 39 to MC 43. Currently at these locations double circuit towers are there. With reference of survey report provided, we are considering that existing 132 kV D/C towers will be dismantled and new multi circuit towers will be installed at locations MC 39, MC 40, MC 41, MC 42, MC 43 by MSETCL. MSETCL will share locations of multi circuit towers MC 39, MC 40, MC 41, MC 42, MC 43 with TSP and TSP has to install both circuit of 132 kV D/C New Sakoli to Sakoli Existing SS,on multi circuit towers newly installed by MSETCL. BPC requested to clarify the same.			The route provided by the survey report is indicative in Nature. TSP shall carry out the detail survey of the proposed transmission line and can optimise the ROW acquisition requirement by using the double circuit towers as applicable. Bidders are requested to refer clause 2.5.7 of the RFP for all other required information.
219.	General	Survey detail of 220 kV Sakoli (New) to Bhandara (Existing)	220 kV Sakoli (New) to Bhandara (Existing) As per site visit executed, we come to know that at provided line route, GIS is planned.			The transmission route mentioned in the survey report is indicative. Bidder shall finalize the route after their detailed survey considering the requirement of RFP.

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

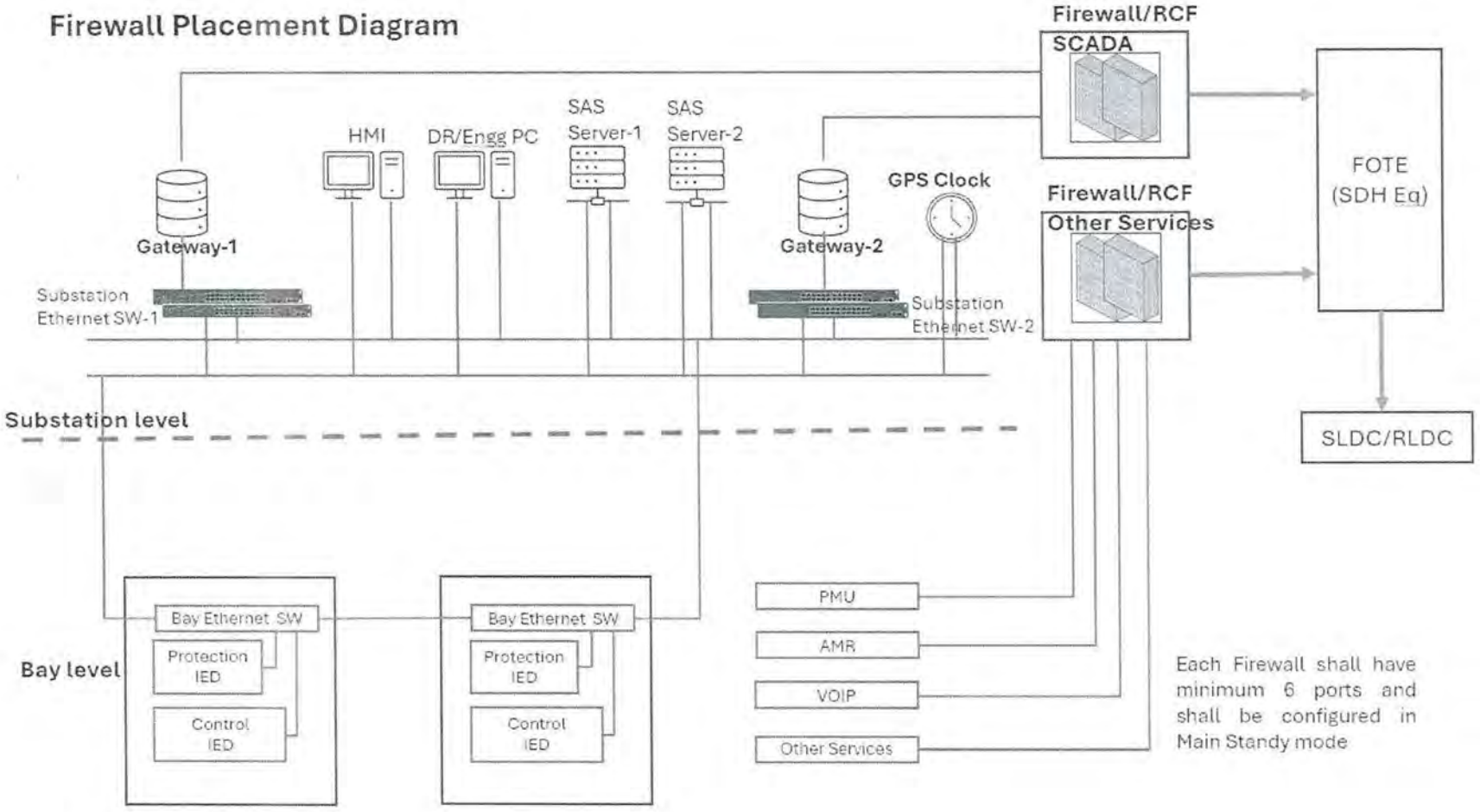
Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			BPC requested to arrange confirmation and layout of GIS to finalize route. If GIS is planned, dead end to overhead gantry connection cannot be executed as per provided route and underground cable shall be required. As this is critical change, BPC requested to arrange clarity of modification planned in existing substation, so TSP can considered underground cable requirement accordingly. 			Bidder may visit the site and acquaint themselves with the site conditions. Please also refer Clause 2.5.7 of the RFP Document.
220.	General	Survey details of 400 kV LILO of Wardha- Raipur	400 kV LILO of Wardha to Raipur. With reference of survey report provided, there is 3.8 kM distance			No major dismantling is envisaged. However, dismantling if envisaged by TSP any in future TSP

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			between Line in connecting point and line out connecting point. As both circuits to be lilo at Sakoli new, there is no use of 3.8 kM of existing line portion between LILO points. We are considering dismantling of this 3.8 km existing line not included in scope of TSP. BPC requested to confirm.			shall be required to coordinate with the owner of the respective line for obtaining the required information. The transmission route mentioned in the survey report is indicative. Bidder shall finalize the route after their detailed survey considering the requirement of RFP. Bidder may visit the site and acquaint themselves with the site conditions. Please also refer Clause 2.5.7 of the RFP Document.
221.	General	Scheduled COD - **24 months** from the effective date	As the project involves multiple forest patches, there is a potential delay in obtaining the necessary clearances. BPC hereby requests a revision of the completion schedule from 24 months to **36 months**.			No change in SCOD is envisaged.
222.	RFP for Establishment of 400/220/132 kV AIS Sakoli	Annexure F.2	Segregation of SCADA data and other type of data	Modified Firewall Placement	Firewalls should be separated as per type of data being handled and	TSP shall deploy Cyber Security System in compliance with CEA (Cyber Security in Power Sector) Guidelines, 2021 and CEA (Cyber Security

Clarifications to the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for " Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the document	Clause No. and Existing provision	Clarification required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	(Dist. Bhandara)" dated 16.12.2025			diagram attached to Annexure F.2	the level of protection it demands. Accordingly, modified architecture is proposed.	in Power Sector) Regulation, from its date of publication/ notification and their amendments thereof. Scope of RFP shall prevail.

Annexure F.2


Firewall Placement Diagram
Firewall/RCF
SCADA
FOTE
(SDH Eq)
HMI
DR/Engg PC
SAS
Server-1
SAS
Server-2
GPS Clock
Firewall/RCF
Other Services
Gateway-1
Gateway-2
Substation
Ethernet SW-1
Substation
Ethernet SW-2
Substation level
SLDC/RLDC
Bay level
Bay Ethernet SW
Protection
IED
Control
IED
Bay Ethernet SW
Protection
IED
Control
IED
PMU
AMR
VOIP
Other Services
Each Firewall shall have minimum 6 ports and shall be configured in Main Standy mode

Amendment-II dated 17.02.2026 to the RFP Documents for selection of Bidder as Transmission Service Provider to establish Intra-State Transmission project namely "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" to be implemented through tariff based competitive bidding process.

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Opening of Envelope (Technical Bid): 1530 hours (IST) on 17.02.2026
.....
Opening of Initial Offer: Initial Offer shall be opened by the Bid Opening Committee in presence of the Bid Evaluation Committee at 1530 hours (IST) on 26.02.2026 in the office of Maharashtra STU.</td><td>.....
Opening of Envelope (Technical Bid): 1530 hours (IST) on 03.03.2026
.....
Opening of Initial Offer: Initial Offer shall be opened by the Bid Opening Committee in presence of the Bid Evaluation Committee at 1530 hours (IST) on 12.03.2026 in the office of Maharashtra STU.</td></tr>
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Amended 17/02/2026 17/2/26

Amendment-III dated 03.03.2026 to the RFP Documents for selection of Bidder as Transmission Service Provider to establish Intra-State Transmission project namely "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" to be implemented through tariff based competitive bidding process.

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Additional Clarifications dated 09.03.2026 on the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the Document	Clause No. and Existing provision	Clarification Required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
1.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	Space is available at 132 kV Sakoli Ss for 02 nos 132kV AIS bays subject to shifting of MSEDCL store after which AIS arrangement is possible.	At Present, a tin shed for Store & Temple is located at extension area at 132 kV Sakoli SS. TSP understands that same will shifted by MSEDCL and encumbrance free land shall be handed over to TSP.		Bidder needs information for proper estimation	The land for construction of end bays at 132 kV Sakoli Substation will be provided on 'as is as where basis' by existing utility, TSP shall take necessary efforts to construct the bays in consultation with existing utility. Bidders shall visit the site and get acquainted themselves with the information. Please refer RFP clause 2.5.7
2.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	132 kV Sakoli Ss (Note-1) Existing bus is single conductor which needs to upgrade to twin conductor	Kindly confirm existing 132kV Towers are designed for stringing of twin conductor.		Bidder needs information for proper estimation	Please refer clarification no. 2 dated 03.03.2026
3.	RFP for Establishment of	132 kV Sakoli SS	TSP understands that Bus Conductor upgradation will be		Bidder needs information	Please refer clarification no. 1 dated 03.03.2026

Additional Clarifications dated 09.03.2026 on the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

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	400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	(Note-1) Existing bus is single conductor which needs to upgrade to twin conductor	done by MSEDCL for existing Bays. & TSP only needs to extend Bus for the present 02 No of Extension Line Bays with twin conductor.		for proper estimation	
4.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	132 kV Proposed Deori	In the Electrical layout plan space provision for present scope extension bays are not marked. As per Electrical layout plan, space of AIS as well as GIS bays is not available. Please provide GA including present scope of 132 kV Deori Substation.		Bidder needs information for proper estimation	132 kV Deori is a proposed substation and the electrical layout provided is only for present scope of 132 kV Deori (Proposed) substation excluding termination of 132 kV D/C line from 400 kV Sakoli to 132 kV Deori (Proposed). For further information bidders requested to visit the actual site and ascertain the in consultation with existing utility officials.

Additional Clarifications dated 09.03.2026 on the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the Document	Clause No. and Existing provision	Clarification Required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
5.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	132 kV Moregaon Arjuni	TSP understand that 132 kV extension bays at Moregaon Arjuni will be GIS bays as provided in Appendix-A Kindly confirm If yes, please provide Specific technical parameters for GIS bays & EHV Cables.		Bidder needs information for proper estimation	Bidder understanding is correct. Latest CEA guidelines regarding Technical specifications along with relevant and updated IS /IEC standards shall prevail for technical parameters for GIS Bays & EHV Cables.
6.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	132 kV Moregaon Arjuni	TSP understand that 132 kV Bus coupler Bay at Moregaon Arjuni is not under present scope as provided in Appendix-A. TSP understands that 132 kV GIS Bus system will be single main type and no bus coupler bay will be required. Kindly Confirm		Bidder needs information for proper estimation	SLD and layout of Moregaon Arjuni Substation is already provided for bay extension. The 132 kV morgaon arjuni Substation is AIS type further land for construction of 02 nos. of 132 KV line end bays is available for the same to extend existing bus for connection of 02 nos. of 132 kV GIS bays, bidders may adopt prudent Engineering practices in line with CEA guidelines/IS/IEC standards.
7.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist.	132 kV Sakoli SS	TSP understand space for C&R Panels in existing Control room is not available. TSP may provide Bay Kiosk Room/SPR for present		Bidder needs information for proper estimation	Reply submitted in earlier clarifications and provisions of RfP shall prevail.

Additional Clarifications dated 09.03.2026 on the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the Document	Clause No. and Existing provision	Clarification Required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
	Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	Availability of space for C&R Panels in existing Control room Appendix-A of Clarification dated 16.02.2026	scope instead of extension of existing control room. Kindly confirm			
8.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	132 kV Sakoli SS Appendix-A of Clarification dated 16.02.2026	Existing Fire Protection system is not available at 132 kV Sakoli Station. TSP understands that Fire protection system is not required for present scope also. Please confirm.		Bidder needs information for proper estimation	Bidders understanding is correct.
9.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	132 kV Moregaon Arjuni SS Appendix-A of Clarification dated 16.02.2026	Existing Fire Protection system is not available at 132 kV Moregaon Arjuni Station. TSP understands that Fire protection system is not required for present scope also. Please confirm.		Bidder needs information for proper estimation	The safety guidelines for GIS bays as per CEA shall be followed.

Additional Clarifications dated 09.03.2026 on the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

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10.	RFP for Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" dated 16.12.2025 & Appendix-A of Clarification dated 16.02.2026	220 kV Bhandara SS Appendix-A of Clarification dated 16.02.2026	Line orientation & bay configuration for present scope showing in Appendix-A is indicative only. TSP may use different line orientation and bay configuration to optimize the cost. Kindly Confirm.		Bidder needs information for proper estimation	Bidders understanding is correct. However, bidders shall coordinate with the existing utility for further information.
11.	RFP B. SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION	RFP Clause no. B.2.1.1 – Auto Transformer "500 MVA, 400 /220 kV and 315 MVA, 400/132 kV, 3-Phase Auto Transformer shall conform to CEA's "Standard Specifications and Technical Parameters for Transformers and Reactors (66 kV and above)" available on CEA website."	BPC referred CEA's "Standard Specifications and Technical Parameters for Transformers and Reactors (66 kV and above). Accordingly same has been followed by POWERGRID for prebid tie-up tender. It is gathered that Dynamic Short Circuit (DSC) Test reports for 315 MVA, 400/132/33 kV Auto Transformers (as per CEA Standard specifications) is not available with any transformer manufacturer. It also needs to be mentioned that as per CEA guidelines only bidders who have		Bidder needs information for proper estimation.	Dynamic Short Circuit test to be performed on 315 MVA, 400/132 kV of Auto transformer, successful bidder/manufacturer shall carry out the test before commissioning of the project in line with CEA guidelines.

Sl. No.	Name of the Document	Clause No. and Existing provision	Clarification Required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
			successfully carried out DSC test are eligible for participating in tenders for 400kV class transformers. Furthermore, the DSC withstand test conducted on 500MVA 400/220 kV class transformers does not meet the criteria for selection of similar reference transformer (as per CEA spec) for the DSC withstand test of 400/132 kV transformer. In view of the above, it is requested that acceptance of the DSC withstand test based on calculation may be considered for this rating (315MVA 400/132kV) in consultation with Maharashtra.			
12.	Clarifications received dtd. 16.02.2026	BPC Response Sr. No 218.	For 132 kV D/C New Sakoli to Sakoli Existing, BPC requested to response for the scope of multi circuit towers with clarity as this is critical point for substation connectivity at Sakoli (Existing).			Please refer clarification no. 10 dated 03.03.2026

Additional Clarifications dated 09.03.2026 on the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

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			After the clarification from BPC dated 16.02.2026, we have once again checked the possible way for Sub-station connectivity. It seems that provision of Multi Circuit towers after uninstallation of existing double circuit towers only feasible solution. We request BPC to get clarification from MSTU regarding the provision of multi circuit towers and clarify the same through corrigendum so that all the bidders can consider the same.			
13.	Clarifications received dtd. 16.02.2026	BPC response Sr. No 170.	BPC has been once again requested the necessary conductor and OPGW details from the existing line owners for LILO lines. During site visits, we were informed that the relevant data has already been submitted to RECPDCL and that we should obtain the same from RECPDCL. As these details are critical for accurate estimation, BPC is urged to facilitate the required details.			Please refer clarification no. 170 dated 16.02.2026.

Additional Clarifications dated 09.03.2026 on the RFP Documents for Selection of Bidder as Transmission Service Provider to establish Intra-State Transmission system for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process.

Sl. No.	Name of the Document	Clause No. and Existing provision	Clarification Required	Suggested text for the amendment	Rationale for the Clarification or Amendment	RECPDCL Reply
14.	Additional clarification Dtd. 03.03.2026	Appendix A Morgaon Arjuni GA drawing	As per the scope of work at Morgaon Arjuni, the existing AIS configuration comprises Main and Auxiliary buses. Under the proposed scope, this arrangement is being extended to a GIS bus configuration. We understood that, the bus extension from AIS to the single bus GIS configuration shall be executed through GIB (Gas Insulated Bus) duct, and only 02 Nos. Line GIS Bays are envisaged under the present scope of work.			Please refer clarification no. 6 above.

Amendment-IV dated 10.03.2026 to the RFP Documents for selection of Bidder as Transmission Service Provider to establish Intra-State Transmission project namely "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" to be implemented through tariff based competitive bidding process.

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Opening of Envelope (Technical Bid): 1530 hours (IST) on 17.03.2026
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(ROHIT ARORA)

Amendment-V dated 17.03.2026 to the RFP Documents for selection of Bidder as Transmission Service Provider to establish Intra-State Transmission project namely "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" to be implemented through tariff based competitive bidding process.

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Opening of Envelope (Technical Bid): 1530 hours (IST) on 17.03.2026
.....
Opening of Initial Offer: Initial Offer shall be opened by the Bid Opening Committee in presence of the Bid Evaluation Committee at 1530 hours (IST) on 01.04.2026 in the office of Maharashtra STU.</td><td>.....
Opening of Envelope (Technical Bid): 1530 hours (IST) on 30.03.2026
.....
Opening of Initial Offer: Initial Offer shall be opened by the Bid Opening Committee in presence of the Bid Evaluation Committee at 1530 hours (IST) on 08.04.2026 in the office of Maharashtra STU.</td></tr>
</table>

Amendment-VI dated 30.03.2026 to the RFP Documents for selection of Bidder as Transmission Service Provider to establish Intra-State Transmission project namely "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" to be implemented through tariff based competitive bidding process.

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Amendment-VIII dated 20.04.2026 to the RFP Documents for selection of Bidder as Transmission Service Provider to establish Intra-State Transmission project namely "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" to be implemented through tariff based competitive bidding process.

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</table>

REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited, a 'Maharatna CPSE'
under Ministry of Power, Govt. of India)

REC
Power Development

संदर्भ सं: आरईसीपीडीसीएल/इंट्रा-स्टेट/टीबीसीबी/सकोली(जिला भंडारा)/25-26/4192 Date: 18.12.2025

सेक्रेटरी,

महाराष्ट्र विद्युत विनियामक आयोग

वर्ल्ड ट्रेड सेंटर नंबर 1

13वीं मंज़िल, कफ परेड

मुंबई-400005

Subject: Global Invitation for selection of Transmission Service Provider (TSP) to establish Intra-State Transmission system namely "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through Tariff Based Competitive Bidding process. - **Copy of RFP Documents.**

महोदय,

Kind reference is invited to the Govt. Order No. Sankirna-0125/P.R.32/Urja-4 dated 09.04.2025, issued by Government of Maharashtra wherein REC Power Development and Consultancy Limited has been appointed as Bid Process Coordinator (BPC) for selection of Transmission Service Provider to establish Intra-State Transmission system on Build, Own, Operate & Transfer (BOOT) basis.

In this regard, we would like to intimate that the RFP process for the subject project has been initiated by way of Global Invitation in National/International newspapers i.e. Times of India Package and Financial Times Package on 16.12.2025. The important timelines in this regard are as below. :-

Sr. No.	Name of the Project	Last date of RFP Purchase	Last date for submission of response to RFP
1.	Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)	16.02.2026	17.02.2026 up to 1500 Hrs (IST)

The RfP notification and RfP document for the above project has also been uploaded on our websites www.recindia.nic.in and www.recpdcl.in.

In this regard, Copy of Request for Proposal (RfP), Transmission Service Agreement (TSA), Share Purchase Agreement (SPA) along with copies of newspaper notification of the subject project are enclosed herewith for your kind information and reference please.

धन्यवाद,

भवदीय,

18/12/25

(विजय कुलकर्णी)

वरिष्ठ महाप्रबंधक एवं विभागाध्यक्ष (टी & डी)

संलग्न :जैसा कि ऊपर बताया गया है

Annexure A-6

Date: 23.06.2026

CERTIFICATE BY BID EVALUATION COMMITTEE

Subject: Selection of Successful Bidder as Transmission Service Provider through Tariff Based Competitive Bidding Process for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"

It is certified that:

a. The entire bid process has been carried out in accordance with the "Tariff based Competitive Bidding Guidelines for Transmission Service" and "Guidelines for encouraging competition in development of the Transmission Projects" issued by Ministry of Power, Govt. of India under Section 63 of the Electricity Act, 2003 as amended from time to time.

b. M/s Ashoka Buildcon Limited, with the lowest annual transmission charges of Rs. 1,265.37 million, emerged as the successful Bidder after the conclusion of electronic reverse auction.

c. The transmission charges of Rs. 1,265.37 million discovered after electronic reverse auction is acceptable.

(Peeyush Sharma)
Chief Engineer (STU)
MSETCL
Chairman, BEC

(Rajesh)
Deputy Director (PSPM),
CEA
Member, BEC

(Girish Pantoji)
Chief Engineer (In-Charge),
MSLDC
Member, BEC

(Sandeep Patil)
Chief Engineer (Power Purchase), MSEDCL
Member, BEC

(Navita Dubal)
Chairman – (SPV)
Convener – Member, BEC

REC Power Development and Consultancy Limited
(Formerly known as REC Power Distribution Company Limited,
A wholly owned subsidiary of REC Limited, a 'Maharatna CPSE'
under Ministry of Power, Govt. of India)

REC Power Development

Ref. No.: RECPDCL/TBCB/Sakoli/2026-27/2281 Date: 13.08.2026

ORIGINAL

M/s Ashoka Buildcon Limited
S. No. 861, Ashoka House, Ashoka Marg
Vadala, Nasik, Maharashtra - 422011

Kind Attention: Soumya Saurav Kumar, Assistant Manager, Business Development (Power & Energy)

Subject: "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through Tariff Based Competitive Bidding (TBCB) Process – **Letter of Intent.**

Dear Sir,

We refer to:

1. The Request for Proposal (RfP) dated 16.12.2025 comprising RfP, Draft Transmission Service Agreement, Share Purchase Agreement and Survey Report dated 14.01.2026 issued to M/s Ashoka Buildcon Limited, as regards participation in the Global Invitation for Bids for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through Tariff Based Competitive Bidding (TBCB) Process including all correspondence/clarifications/ amendments/errata/corrigendum issued by REC Power Development and Consultancy Limited in regard thereto (hereinafter collectively referred to as the 'Final RFP') till the submission Bid Deadline and as listed below:

   (i) Amendment-I and Clarification dated 16.02.2026,
   (ii) Amendment-II dated 17.02.2026,
   (iii) Amendment-III & Additional Clarification dated 03.03.2026,
   (iv) Additional Clarification dated 09.03.2026
   (v) Amendment-IV dated 10.03.2026,
   (vi) Amendment-V dated 17.03.2026,
   (vii) Amendment-VI dated 30.03.2026,
   (viii) Amendment-VII dated 15.04.2026,
   (ix) Amendment-VIII dated 20.04.2026,

2. The offer of M/s Ashoka Buildcon Limited by way of a Technical Bid pursuant to (1) above submitted on 28.04.2026 in response to the Final RFP.

3. The Initial Price Offer of M/s Ashoka Buildcon Limited as submitted on 28.04.2026 in response to the Final RFP.

4. The Final offer of M/s Ashoka Buildcon Limited, discovered during e-Reverse Auction, conducted on 16.06.2026 in response to the Final RFP.

5. The Technical Bid as in (2) above, the Initial Price Offer as in (3) above and the Final Offer as in (4) above hereinafter collectively referred to as the 'Bid'.

We are pleased to inform you that your proposal and offer received by way of the 'Bid' has been accepted and M/s Ashoka Buildcon Limited is hereby declared as Successful Bidder as per

REC Power Development and Consultancy Limited Gurugram

D- Block, REC Headquarter, Plot No. I-4, Sector-29, Gurugram, (Haryana) -122001,
E-mail: co@recpdcl.in | Tel.: 01224-4441300 | www.recpdcl.in | CIN No. RECPDCL-U40101DL2007GOI165779 | GST No. 06AADCR7399K1ZP

clause 3.6.1 of the Final RFP for the above project and consequently, this Letter of Intent (hereinafter referred to as the 'LoI') is being issued in 2 copies, One original plus One copy. This LoI is based on the Final RFP and is further contingent upon you satisfying the following conditions:

(a) Acknowledging its issuance and unconditionally accepting its contents and recording 'Accepted unconditionally' under the signature and stamp of your authorized signatory on each page of the duplicate copy of this letter attached herewith and returning the same to REC Power Development and Consultancy Limited within 7 (Seven) days from the date of issuance of LoI.

(b) Completion of various activities as stipulated in the RFP including in particular Clause 2.15.2, Clause 2.15.3 and Clause 2.15.4 of the Final RFP within the timelines as prescribed therein.

(c) Provide the Contract Performance Guarantee of Rs. 16.70 Crore (Rupees Sixteen Crore and Seventy Lakh Only) within 10 (Ten) days from issue of this LoI, in favour of the Nodal Agency, as per the provisions of Clause 2.12.

It may be noted that REC Power Development and Consultancy Limited has the rights available to them under the Final RFP, including rights under clause 2.15.5 and 3.6.3 thereof, upon your failure to comply with the aforementioned conditions.

As you are aware, the issuance and contents of this LoI are based on the Bid submitted by you as per the Final RFP including the Transmission Charges and other details regarding the Scheduled COD as contained therein. The Quoted Transmission Charges as submitted by you and the Scheduled COD of transmission elements as agreed by you in your Bid, as per Annexure 21 and Format-1 of Annexure-8 respectively of the Final RFP is enclosed herewith as Schedule-A and incorporated herein by way of reference.

Further, please note that relationship of Ashoka Buildcon Limited with the REC Power Development and Consultancy Limited & Nodal Agency will be governed solely on the basis of the Final RFP.

You are requested to unconditionally accept the LoI, and record on one copy of the LoI, 'Accepted unconditionally', under the signature of the authorized signatory of your Company and return such copy to us within 7 (Seven) days of issue of LoI.

Yours faithfully

REC Power Development and Consultancy Limited Gurugram

13.08.26

(Ratnesh Kumar)
General Manager (Engg.)

Enclosures:

1. Schedule A: Quoted Transmission Charges and the scheduled COD of transmission element submitted in your Bid, as per Annexure 21 and Format-1 of Annexure-8 respectively of the Final RfP.

Copy for kind information to:

1. **Additional Chief Secretary (Energy), Government of Maharashtra, Industry, Energy, Labour and Mining Department,** Madam Cama Road, Hutama Rajguru Chowk, Mantralaya, Mumbai – 400 032.

2. **Secretary, Maharashtra Electricity Regulatory Commission,** World Trade Centre, Centre No. 1, 13th Floor, Cuffe Parade, Mumbai 400 005

3. **Chairman & Managing Director, Maharashtra State Electricity Transmission Company Limited,** 'Prakashganga', Plot No. C-19, E- Block, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051

4. **Chief Engineer (STU), Maharashtra State Electricity Transmission Company Limited,** Prakashganga, 4th floor/ 'A' Wing, Plot C-19, E-block, BKC, Bandra (E), Mumbai-400 051

REC Power Development and Consultancy Limited
Gurugram

ANNEXURE 21 - FORMAT FOR FINANCIAL BID

Quoted Annual Transmission Charges: Rs. 1,265.37 Million

Notes:

1. The Bidders are required to ensure compliance with the provisions of Clause 2.5.3 of this RFP.
2. Quotes to be in Rupees Millions and shall be up to two (2) decimal points.
3. The contents of this format shall be clearly typed.
4. The Financial Bid shall be digitally signed by the authorized signatory in whose name power of attorney as per Clause 2.5.2 is issued.
5. Ensure only one value for annual Transmission Charges is quoted. The same charge shall be payable every year to TSP for the term of TSA.

REC Power Development and Consultancy Limited ★ Gurugram

ASHOKA

Ashoka Buildcon Limited

ANNEXURE 8 -UNDERTAKING AND DETAILS OF EQUITY INVESTMENT

Format 1: Bidders' Undertakings

Date :28-03-2026

To,

Chief Executive Officer,
REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001

Dear Sir,
Sub: Bidders' Undertakings in respect of Bid for selection of Bidder as TSP to develop Intra-State Transmission Project i.e. "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)".

We hereby undertake on our own behalf and on behalf of the TSP, that if selected as the Successful Bidder for the Project:

1. The Project shall comply with all the relevant electricity laws, codes, regulations, standards and Prudent Utility Practices, environment laws and relevant technical, operational and safety standards, and we shall execute any agreements that may be required to be executed as per law in this regard.

2. We confirm that the Project shall also comply with the standards and codes as per Clause 1.6.1.2 of the RFP and the TSP shall also comply with the provisions contained in the MERC (Transmission Open Access) Regulations, 2016 and as amended from time to time.

3. We give our unconditional acceptance to the RFP dated 16.12.2025 issued by the BPC and the RFP Project Documents, as amended, and undertake to ensure that the TSP shall execute all the RFP Project Documents, as per the provisions of this RFP.

4. We have submitted the Bid on the terms and conditions contained in the RFP and the RFP Project Documents. Further, the Financial Bid submitted by us is strictly as per the format provided in Annexure 21 of the RFP, without mentioning any deviations, conditions, assumptions or notes in the said Annexure.

5. Our Bid is valid up to the period required under Clause 2.8 of the RFP.

REC Power Development and Consultancy Limited Gurugram

ASHOKA BUILDCON LIMITED NASHIK

6. Our Bid has been duly signed by authorized signatory and stamped in the manner and to the extent indicated in this RFP and the power of attorney / Board resolution in requisite format as per RFP has been enclosed with this undertaking.

7. ~~We have assumed that if we are selected as the Successful Bidder, the provisions of the Consortium Agreement, to the extent and only in relation to equity lock-in and our liability thereof shall get modified to give effect to the provisions of Clause 2.5.8 of this RFP and Article 18.1 of the Transmission Service Agreement.~~ (Note: This is applicable only in case of a Bidding Consortium)

8. We confirm that our Bid meets the Scheduled COD of each transmission Element and the Project as specified below:

S. No.	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre required For declaring the commercial Operation (COD) of the respective Element
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler-1 No. • 132 kV Bus Coupler-1 No. • 132 kV Transfer Bus Coupler- 1 set	24 months from Effective Date	100%	All Elements are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.

REC Power Development and Consultancy Limited Gurugram

	• 125 MVAr ,400 kV Bus Reactor -1 No • 400 kV Bus Reactor bay -1 No **Future Space Provisions:** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.			
2.	LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)			
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.			
4.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) • 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.			
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.			
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.			

Note
Space for 220 kV line bay at Bhandara (Existing), 132 kV line end bays at 132 kV Deori, 132 kV line end bays at 132 kV Moregaon Arjuni (Existing) and 132 kV line end bays at 132 kV Sakoli (Existing) shall be provided by existing Utility. However in case of land constraints TSP may opt for GIS bays or acquire suitable land adjacent to the substations.

In case of LILO lines the technical specifications of Conductor and OPGW should be matching with existing line parameters.

REC Power Development and Consultancy Limited Gurugram

We agree that the payment of Transmission Charges for any Element irrespective of its successful commissioning on or before its Scheduled COD shall only be considered after the successful commissioning of Element(s) which are pre - required for declaring the commercial operation of such Element as mentioned in the above table.

Scheduled COD for the Project: 24 Months from Effective Date

9. We confirm that our Financial Bid conforms to all the conditions mentioned in this RFP, and in particular, we confirm that:
a. Financial Bid in the prescribed format of Annexure 21 has been submitted duly signed by the authorized signatory.
b. Financial Bid is unconditional.
c. Only one Financial Bid has been submitted.

10. We have neither made any statement nor provided any information in this Bid, which to the best of our knowledge is materially inaccurate or misleading. Further, all the confirmations, declarations and representations made in our Bid are true and accurate. In case this is found to be incorrect after our acquisition of Sakoli Power Transmission Limited, pursuant to our selection as Selected Bidder, we agree that the same would be treated as a TSP's Event of Default under Transmission Service Agreement, and relevant provisions of Transmission Service Agreement shall apply.

11. We confirm that there are no litigations or other disputes against us which materially affect our ability to fulfill our obligations with regard to the Project as per the terms of RFP Project Documents.

12. Power of attorney/ Board resolution as per Clause 2.5.2 is enclosed.

(Signature of authorized signatory)
Name : Mr. Ajay A Kankariya
Designation: General Manager (Business Development)
Date :28-03-2026
Place : Nashik

REC Power Development and Consultancy Limited
Gurugram

Annexure A-8

फा.सं./F. No. 27-44/1/2024-REC DESK
भारत सरकार/Government of India
विद्युत मंत्रालय/Ministry of Power
***

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated 17th September, 2026

To

The CEO, RECPDCL
Plot No. I-4, Sector-29,
Gurugram (Haryana)-122001.

Subject: Approval of the Government for transfer of shares held by RECPDCL in various SPVs, incorporated for development of Inter/Intra State transmission systems to the Successful Bidder(s), selected through Tariff-Based Competitive Bidding process.

Sir,

I am directed to refer to RECPDCL's letters SEC No. 1/219/2026/2567 dated 31.08.2026, and SEC No. 1/219/2026/2651 dated 03.09.2026 on the subject mentioned above and to convey the approval of Competent Authority for divesting the shareholding of RECPDCL and its nominee in following Special Purpose Vehicles(SPVs), incorporated for carrying out bidding of various Inter/Intra-State transmission projects under Tariff Based Competitive Bidding(TBCB) mode, to the respective successful bidder(s), as indicated in below table, with a view to facilitate transfer of the SPV to the successful bidder, as required under Ministry of Heavy Industries, Department of Public Enterprises O.M. No. 22(I)12009-GM dated 04.02.2010:

Sl. No.	Name of the Project	Name of SPV	Successful Bidder
1	Establishment of 400/220/132 kV AIS Sakoli (Distt. Bhandara)	Sakoli Power Transmission Limited	M/s Ashoka Buildcon Limited
2	Establishment of 765/400/220 kV AIS Balsane (Distt. Dhule)	Balsane Power Transmission Limited	M/s Resonia Limited
3	Construction of 220/132/33 kV AIS substation, Ranipur (Mau) and 220/132/33 kV AIS substation, Chunar (Mirzapur) with their associated lines	Ranipur Chunar Power Transmission Limited	M/s H G Infra Engineering Limited
4	Transmission System for Evacuation of Power Rajasthan REZ Ph-IV (Part-5: 6 GW) Barmer Complex, Barmer-II: 6 GW (Solar) (LCC Configuration)	Barmer HVDC Power Transmission Limited	M/s Power Grid Corporation of India Limited

5	Common Transmission system for evacuation of power from Lakadia (Phase-II: 7.5 GW), Jam Khambhaliya (Phase-II: 5.5 GW) and Jamnagar (Phase-I: 1GW)-Part B	Jam Khambhaliya Jamnagar Power Transmission Ltd	M/s Ceigall India Limited
6	Transmission system for Integration of Power from RE Projects in Lakadia REZ in Gujarat-Phase II (750 MW)	Lakadia II Power Transmission Limited	M/s Power Grid Corporation of India Limited

Yours faithfully,

(Nidhi Juneja)
Under Secretary to the Govt. of India
email: juneja.n13@nic.in /
sopfcrec-mop@gov.in
Tel: 011-23711302

Copy for information and necessary action to:

i. CMD, REC Ltd.

ii. US (Trans), MoP. with the request that transmission wing should also write to concerned states informing about the project for extending all possible help in assessment of compensation to be paid to landowners and also expediting forest clearance, if involved in the project.

iii. Sr. PPS to Secretary (Power)/JS (Distt. &Reforms)/Dir (Distt.), Ministry of Power

REC Power Development and Consultancy Limited
(A wholly owned subsidiary of REC Limited, a 'Maharatna CPSE'
under Ministry of Power, Govt. of India)

REC Power Development

संदर्भ संख्या: आरईसीपीडीसीएल/टीबीसीबी/Sakoli/2026-27/2978 **दिनांक**: 22.09.2026

M/s Ashoka Buildcon Limited
S. No. 861, Ashoka House, Ashoka Marg
Vadala, Nasik, Maharashtra - 422011

Kind Attention: Soumya Saurav Kumar, Assistant Manager, Business Development (Power & Energy)

विषय: "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)" through tariff based competitive bidding process – **Extension of LoI-** regarding

संदर्भ: Letter of Intent (LOI) No. RECPDCL/TBCB/Sakoli/2026-27/2281, dated 13.08.2026

महोदय,

This is in reference to above referred Letter of Intent dated 13th August, 2026 issued to M/s Ashoka Buildcon Limited for "Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)".

In this regard, in accordance with clause 2.15.2 of RFP, the validity of LoI is extended till 23.09.2026.

Further, as per clause 2.15.4 of RFP, the TSP shall apply to the Commission for grant of Transmission License and make an application to the Commission for adoption of Transmission Charges, as required under Section – 63 of the Electricity Act 2003, within 5 working days from the date of acquisition of SPV.

धन्यवाद।

भवदीय,

22/09/2026

अनिल कुमार पेराला
उप महाप्रबंधक (अभियांत्रिकी)

Copy to:

1. **Chief Engineer (STU), Maharashtra State Electricity Transmission Company Limited,** Prakashganga, 4th floor/ 'A' Wing, Plot C-19, E-block, BKC, Bandra (E), Mumbai-400 051

Annexure A-10

ASHOKA

Ashoka Buildcon Limited

Ref: ABL/BD/P&E/RECPDCL/2026-27/107A

Date: 21.09.2026

To,
The Chief Engineer,
Maharashtra State Transmission Utility (STU),
Prakashganga, 4th Floor/'A' Wing Plot No. C-19,
E-Block, BKC Complex, Bandra (E),
Mumbai- 400051

Subject: Submission of Bank Guarantee towards Performance Guarantee for **"Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"** project

Ref: RECPDCL/TBCB/Sakoli/2026-27/2281 Dated 13-08-2026

Dear Sir,

With reference to the above-mentioned project, we are pleased to submit herewith the Bank Guarantee towards the Performance Guarantee for **"Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"**, in accordance with the terms and conditions of the Contract Agreement.

The details of the Bank Guarantee are as follows:

S. No	Bank Guarantee No	Amount (Rs)	Issuing Bank	Issue Date
1	268BG07262620001	16,70,00,000/-	Yes Bank Ltd	19-09-2026

We kindly request you to acknowledge receipt of the aforesaid Bank Guarantee and take the same on record towards compliance with the Performance Guarantee requirements of the Contract.

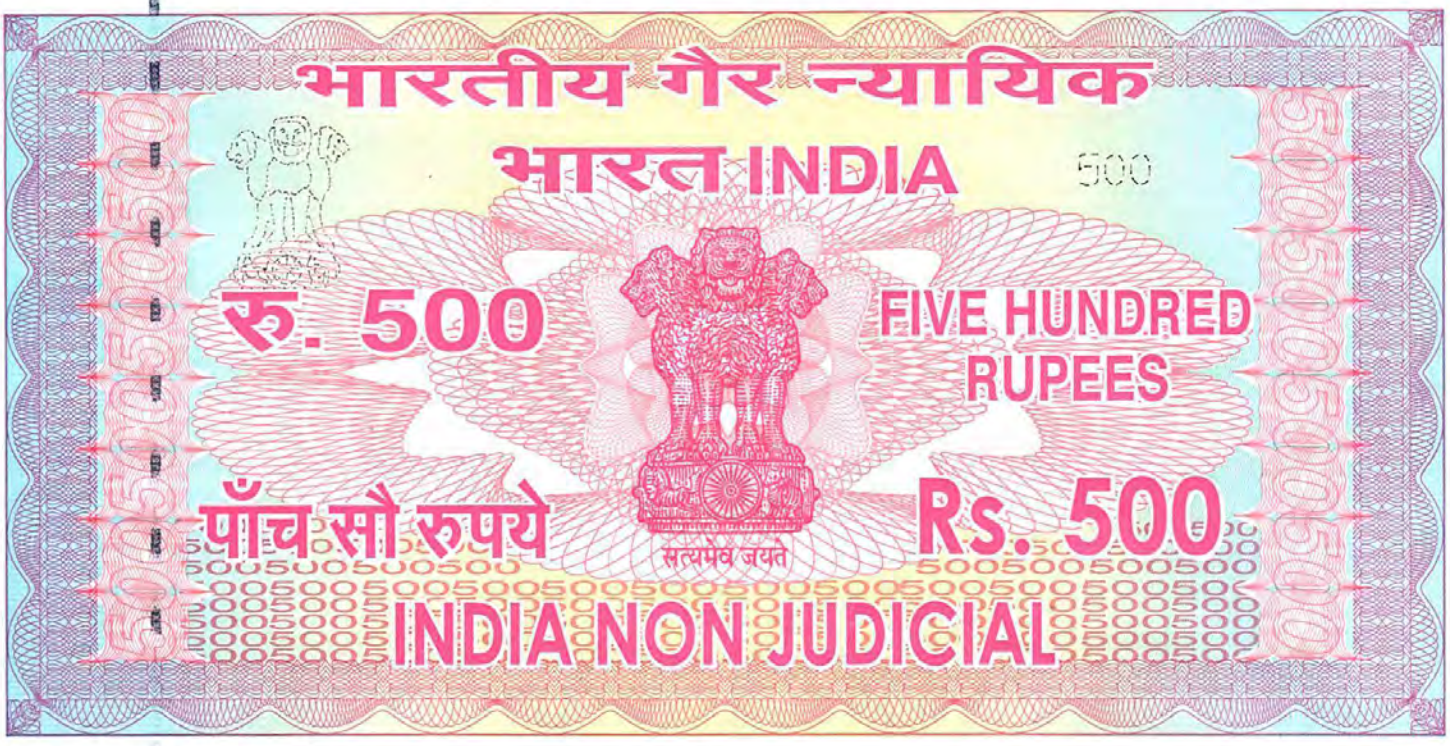
Thanking you.

Yours Faithfully,
For **M/s Ashoka Buildcon Limited**

Mr. Ajay A Kankariya
General Manager (Business Development)

Encl: Bank Guarantee towards Performance Guarantee.

CC:
Mr. Ratnesh Kumar
General Manager (Engg),
REC Power Development and Consultancy Limited



महाराष्ट्र MAHARASHTRA ◑ 2025 ◑ DW 020950

District Treasury Office Nashik
7 SEP 2026
STAMP H.C A.T.O

This Non-Judicial Stamp Paper forms an integral part of this Bank Guarantee Number 268BG07262620001 dated 19-SEP-26 issued by us in favor of the Maharashtra State Transmission Utility (STU)on behalf of ASHOKA BUILDCON LIMITED

For YES Bank Limited

Authorised Signatories

Date : 19-SEP-26
Place: YES BANK LTD - BANDRA (E)

YES BANK LTD. ★ YES BANK ★ 268, BANDRA (E)

Rohan Khandare
Cust ID : 5992865
Emp ID : RKE5831007
Desig : Sr Manager

For YES Bank Limited

Authorised Signatories

Priya Kathait
Senior Manager
Emp. ID: PKE6740588
Cust ID: 10977065

YES BANK

19-SEP-26

Serial No: 0168325

Maharashtra State Transmission Utility (STU)
Prakashganga, 4th Floor AWing,Plot No.C-19,E-Block, BKC Complex,Bandra (E), Mumbai 400051

Our reference	: 268BG07262620001
Source Reference Number	: TF-0000018086274-FLOW (Newgen/TF)
Issue date	: 19-SEP-26
Applicant	: ASHOKA BUILDCON LIMITED
Guarantee amt.	: INR 167,000,000.00
Amt. in words	: INDIAN RUPEES ONE HUNDRED SIXTY SEVEN MILLION ONLY
Stated Expiry date	: 20-JAN-29
Stated Claim Expiry date	: 20-JAN-30

Dear Sir/ Madam,

Please find enclosed the captioned guarantee duly issued by YES Bank ("the Bank").

Confirmation of the Bank Guarantee has been transmitted via SFMS to the Beneficiary's bank at IFSC: BKID0000160 , as per the details provided by the applicant. The Beneficiary is advised to liaise with their banker to obtain confirmation details of the Bank Guarantee.

Alternatively, the beneficiary may obtain the confirmation of this guarantee by writing to us yesbgconfirmation@yes.bank.in or through the issuing branch of this guarantee. Please note that above email ID is dedicated solely for BG confirmation purposes only, and no other request (e.g. Invocation etc.) will be entertained on this email id.

Note: Even if Bank Guarantee confirmation request is submitted at issuing branch, the confirmation will be issued and dispatched by central office directly to the BG beneficiary address.

This guarantee is to be returned immediately post its expiry. Please note that any communication/demand under this guarantee should be specifically made by the official who is authorised under the guarantee and should be made in writing to the issuing branch unless otherwise specified in the enclosed guarantee.

It is confirmed that

1) Ms. Priya Kathait

2) Mr. Rohan Khandare

who have signed the above guarantee, are authorised to sign the same on behalf of the Bank.

For YES Bank Limited

Authorised Signatories

Date : 19-SEP-26
Place: YES BANK LTD - BANDRA (E)

KRUSHNA GAWANDE
KGE6763529 (G)
DY MANAGER
Cust Id: 29734014

YES BANK LTD. ★ YES BANK ★ 268, BANDRA (E)

For YES Bank Limited

Authorised Signatories

Swarali Berde
Assistant Manager (G)
Emp. ID: SBE6760458
Cust ID: 29818075

YES BANK

Serial No: 0168326

BANK GUARANTEE NO : 268BG07262620001 ISSUE DATE: 19-SEP-2026

CONTRACT PERFORMANCE GUARANTEE

To,
Maharashtra State Transmission Utility (STU)
Prakashganga, 4th Floor/ 'A' Wing, Plot No.C-19,
E-Block, BKC Complex, Bandra (E),
Mumbai - 400051

In consideration of the M/s Ashoka Buildcon Limited having it's registered office at S No 861 Ashoka House Ashoka Marg Vadala Nashik-422011 Maharashtra agreeing to undertake the obligations under the Transmission Service Agreement to be executed on 23-09-2026 and the other RFP Project Documents and the Maharashtra State Transmission Utility (STU) and REC Power Development and Consultancy Limited , agreeing to execute the RFP Project Documents with the Selected Bidder, regarding setting up the Project"Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)", the YES Bank Ltd., a company incorporated and registered under the Companies Act 1956 and a banking company within the meaning of section 5(c) of the Banking Regulation Act, 1949 and having its registered office at YES BANK LIMITED, YES BANK House, Off Western Express Highway, Santacruz East, Mumbai 400055, India & Issuing branch office inter alia at YES BANK LTD, Unit No.2-A 1, Ground Floor, Hallmark Business Plaza, Gurunanak Hospital Road, Kalanagar, Bandra East, Mumbai - 400051, Maharashtra (hereinafter referred to as "Guarantor Bank") hereby agrees unequivocally, irrevocably and unconditionally to pay to the Maharashtra State Transmission Utility (STU) at Prakashganga, 4th Floor/ 'A' Wing, Plot No.C-19, E-Block, BKC Complex, Bandra (E), Mumbai - 400051 forthwith on demand in writing from the Maharashtra State Transmission Utility (STU) any Officer authorized by it in this behalf, any amount up to and not exceeding (Rupees Sixteen Crore and Seventy Lakh Only) Rs.16,70,00,000/- on behalf of M/s Ashoka Buildcon Limited .

This guarantee shall be valid and binding on the Guarantor Bank up to and including 20-01-2029 and shall not be terminable by notice or any change in the constitution of the Bank or the term of the Transmission Service Agreement or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between parties to the respective agreement.

Our liability under this Guarantee is restricted to Rupees Sixteen Crore and Seventy Lakh Only (Rs.16,70,00,000/-). Our Guarantee shall remain in force until 20-01-2029. The Maharashtra State Transmission Utility (STU) shall be entitled to invoke this Guarantee up to three hundred sixty five (365) days of the last date of the validity of this Guarantee.

Rohan Khandare
Cust ID : 5992865
Emp ID : RKE5831007
Desig : Sr Manager

YES BANK LTD. ★ YES BANK ★ 268, BANDRA (E)

Priya Kathait
Senior Manager
Emp. ID: PKE6740588 (E)
Cust ID.10977065

YES BANK

Serial No: 0168327

BANK GUARANTEE NO : 268BG07262620001 ISSUE DATE: 19-SEP-2026

The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand from the Maharashtra State Transmission Utility (STU), made in any format, raised at the above mentioned address of the Guarantor Bank, in order to make the said payment to the Maharashtra State Transmission Utility (STU).

The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by M/s Sakoli Power Transmission Limited, M/s Ashoka Buildcon Limited and/or any other person. The Guarantor Bank shall not require the Maharashtra State Transmission Utility (STU) to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against the Maharashtra State Transmission Utility (STU) in respect of any payment made hereunder.

This BANK GUARANTEE shall be interpreted in accordance with the laws of India.

The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

This BANK GUARANTEE shall not be affected in any manner by reason of merger, amalgamation, restructuring, liquidation, winding up, dissolution or any other change in the constitution of the Guarantor Bank.

This BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and accordingly the Maharashtra State Transmission Utility (STU) shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against Sakoli Power Transmission Limited or M/s Ashoka Buildcon Limited, to make any claim against or any demand on Sakoli Power Transmission Limited or M/s Ashoka Buildcon Limited, as the case may be, or to give any notice to Sakoli Power Transmission Limited or M/s Ashoka Buildcon Limited, as the case may be, or to enforce any security held by the Maharashtra State Transmission Utility (STU) or to exercise, levy or enforce any distress, diligence or other process against Sakoli Power Transmission Limited or M/s Ashoka Buildcon Limited, as the case may be.

The Guarantor Bank acknowledges that this BANK GUARANTEE is not personal to the Maharashtra State Transmission Utility (STU) and may be assigned, in whole or in part, (whether absolutely or by way of security) by Maharashtra State Transmission Utility (STU) to any entity to whom the Maharashtra State Transmission Utility (STU) is entitled to assign its rights and obligations under the Transmission Service Agreement.

Rohan Khandare
Cust ID : 5992865
Emp ID : RKE5831007
Desig : Sr Manager

YES BANK LTD. ★ YES BANK ★ 268, BANDRA (E)

Priya Kathait
Senior Manager
Emp. ID: PKE6740588 (E)
Cust ID. 10977065

YES BANK

Serial No: 0168328

BANK GUARANTEE NO : 268BG07262620001 ISSUE DATE: 19-SEP-2026

The Guarantor Bank hereby agrees and acknowledges that the Maharashtra State Transmission Utility (STU) shall have a right to invoke this Bank Guarantee either in part or in full, as it may deem fit.

Notwithstanding anything contained hereinabove:

1) Our liability under this bank guarantee shall not exceed Rs.16,70,00,000/- (Rupees Sixteen Crore and Seventy Lakh Only);

2) This bank guarantee shall be valid only up to 20-01-2029 ;

3) We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if a written claim or demand, served by you in accordance with the terms of this bank guarantee, is received by us on or before 5 P.M on or before 20-01-2030 at YES BANK LTD, Unit No.2-A 1, Ground Floor, Hallmark Business Plaza, Gurunanak Hospital Road, Kalanagar, Bandra East, Mumbai - 400051, Maharashtra Thereafter, your right to claim under this bank guarantee shall be forfeited once and forever and we shall be relieved from all our liabilities hereunder irrespective of whether the original bank guarantee has been returned to us or not.

Date: 19-SEP-26
Place: YES BANK LTD - BANDRA (E)

For YES Bank Limited

Authorized Signatory
Name:
Designation:

Rohan Khandare
Cust ID : 5992865
Emp ID : RKE5831007
Desig : Sr Manager

For YES Bank Limited

Authorized Signatory
Name:
Designation:

Priya Kathait
Senior Manager
Emp. ID: PKE6740588 (E)
Cust ID : 10977065

YES BANK LTD. ★ YES BANK ★ 268, BANDRA (E)

Corporate & Registered office: YES BANK Limited, YES BANK House, Off Western Express Highway, Santacruz (E), Mumbai - 400055 | www.yes.bank.in

UTILITY FORMS PVT. LTD.

ASHOKA

Ashoka Buildcon Limited

Ref: ABL/BD/P&E/RECPDCL/2026-27/107A

Date: 21.09.2026

To,
The Chief Engineer,
Maharashtra State Transmission Utility (STU),
Prakashganga, 4th Floor/'A' Wing Plot No. C-19,
E-Block, BKC Complex, Bandra (E),
Mumbai- 400051

P.A. To C.E. (STU)/MSETCL
DATE:

Subject: Submission of Bank Guarantee towards Performance Guarantee for **"Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"** project

Ref: RECPDCL/TBCB/Sakoli/2026-27/2281 Dated 13-08-2026

Dear Sir,

With reference to the above-mentioned project, we are pleased to submit herewith the Bank Guarantee towards the Performance Guarantee for **"Establishment of 400/220/132 kV AIS Sakoli (Dist. Bhandara)"**, in accordance with the terms and conditions of the Contract Agreement.

The details of the Bank Guarantee are as follows:

S. No	Bank Guarantee No	Amount (Rs)	Issuing Bank	Issue Date
1	268BG07262620001	16,70,00,000/-	Yes Bank Ltd	19-09-2026

We kindly request you to acknowledge receipt of the aforesaid Bank Guarantee and take the same on record towards compliance with the Performance Guarantee requirements of the Contract.

Thanking you.

Yours Faithfully,
For **M/s Ashoka Buildcon Limited**

ASHOKA BUILDCON LIMITED * NASHIK *

Mr. Ajay A Kankariya
General Manager (Business Development)

Encl: Bank Guarantee towards Performance Guarantee.

CC:
Mr. Ratnesh Kumar
General Manager (Engg),
REC Power Development and Consultancy Limited

Annexure A-11

SHARE PURCHASE AGREEMENT

BETWEEN

REC POWER DEVELOPMENT AND CONSULTANCY LIMITED

AND

SAKOLI POWER TRANSMISSION LIMITED

AND

ASHOKA BUILDCON LIMITED

Dated: 23rd September, 2026

सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

Certificate No.	:	IN-DL02439079644861Y
Certificate Issued Date	:	18-Sep-2026 10:00 PM
Account Reference	:	SELFPRINT (PU)/ dl-self/ NEHRU/ DL-DLH
Unique Doc. Reference	:	SUBIN-DLDL-SELF03407891802246Y
Purchased by	:	REC POWER DEVELOPMENT AND CONSULTANCY
Description of Document	:	Article 5 General Agreement
Property Description	:	CORE-4, SCOPE COMPLEX, 7, LODHI ROAD, NEW DELHI - 110003
Consideration Price (Rs.)	:	0 (Zero)
First Party	:	SAKOLI POWER TRANSMISSION LIMITED
Second Party	:	ASHOKA BUILDCON LIMITED
Stamp Duty Paid By	:	SAKOLI POWER TRANSMISSION LIMITED
Stamp Duty Amount(Rs.)	:	500 (Five Hundred only)

SELF PRINTED CERTIFICATE TO BE VERIFIED BY THE RECIPIENT AT WWW.SHCILESTAMP.COM

Please write or type below this line

SHARE PURCHASE AGREEMENT

This **SHARE PURCHASE AGREEMENT** (**'Agreement'**) made on the 23rd day of September, 2026 at New Delhi by and between:

REC POWER DEVELOPMENT AND CONSULTANCY LIMITED, a company incorporated under the Companies Act, 1956, vide CIN-U40101DL2007GOI165779 having its registered office at Core 4, SCOPE Complex, 7, Lodhi Road, New Delhi 110 003, India (hereinafter referred to as "**REC PDCL**", which expression shall, unless it be repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns) of the **FIRST PART**;

REC Power Development and Consultancy Limited Gurugram

Sakoli Power Transmission Limited New Delhi 110003

ASHOKA BUILDCON LIMITED NASHIK

RECPDCL **SPTL** **ABL**

Statutory Alert:
1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

₹500

e-Stamp

Certificate No.	:	IN-DL02432705141776Y
Certificate Issued Date	:	18-Sep-2026 09:51 PM
Account Reference	:	SELFPRINT (PU)/ dl-self/ NEHRU/ DL-DLH
Unique Doc. Reference	:	SUBIN-DLDL-SELF03397956003194Y
Purchased by	:	REC POWER DEVELOPMENT AND CONSULTANCY
Description of Document	:	Article 5 General Agreement
Property Description	:	CORE-4, SCOPE COMPLEX, 7, LODHI ROAD, NEW DELHI - 110003
Consideration Price (Rs.)	:	0 (Zero)
First Party	:	SAKOLI POWER TRANSMISSION LIMITED
Second Party	:	ASHOKA BUILDCON LIMITED
Stamp Duty Paid By	:	SAKOLI POWER TRANSMISSION LIMITED
Stamp Duty Amount(Rs.)	:	500 (Five Hundred only)

₹500

SELF PRINTED CERTIFICATE TO BE VERIFIED BY THE RECIPIENT AT WWW.SHCILESTAMP.COM

IN-DL02432705141776Y

Please write or type below this line

AND

SAKOLI POWER TRANSMISSION LIMITED a company incorporated under the Companies Act, 2013 vide CIN - U42202DL2025GOI451359, having its registered office at Core 4, SCOPE Complex, 7, Lodhi Road, New Delhi 110003, India (herein after referred to as "**Company**" which expression shall, unless repugnant to the context, mean and include its successors in interest) of the **SECOND PART**;

REC Power Development and Consultancy Limited Gurugram

Sakoli Power Transmission Limited New Delhi 110003

ASHOKA BUILDCON LIMITED NASHIK

RECPDCL **SPTL** **ABL**

Statutory Alert:
1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

₹200

e-Stamp

Certificate No.	:	IN-DL02044948797494Y
Certificate Issued Date	:	18-Sep-2026 04:02 PM
Account Reference	:	SELFPRINT (PU)/ dl-self/ NEHRU/ DL-DLH
Unique Doc. Reference	:	SUBIN-DLDL-SELF02785337210916Y
Purchased by	:	REC POWER DEVELOPMENT AND CONSULTANCY
Description of Document	:	Article 5 General Agreement
Property Description	:	CORE-4, SCOPE COMPLEX, 7, LODHI ROAD, NEW DELHI - 110003
Consideration Price (Rs.)	:	0 (Zero)
First Party	:	SAKOLI POWER TRANSMISSION LIMITED
Second Party	:	ASHOKA BUILDCON LIMITED
Stamp Duty Paid By	:	SAKOLI POWER TRANSMISSION LIMITED
Stamp Duty Amount(Rs.)	:	200 (Two Hundred only)

SELF PRINTED CERTIFICATE TO BE VERIFIED BY THE RECIPIENT AT WWW.SHCILESTAMP.COM

IN-DL02044948797494Y

Please write or type below this line

AND

ASHOKA BUILDCON LIMITED, a company incorporated under the Companies Act, 1956 vide CIN-L45200MH1993PLC071970 having its registered office at S. No. 861, Ashoka House, Ashoka Marg, Vadala, Nasik, Maharashtra - 422011 (herein after referred to as "Selected Bidder" which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns) of the THIRD PART.

REC Power Development and Consultancy Limited ★ Gurugram

Sakoli Power Transmission Limited ★ New Delhi 110003 ★ Core-4, Scope Complex, 7 Lodhi Road

ASHOKA BUILDCON LIMITED ★ NASHIK ★

RECPDCL SPTL ABL

Statutory Alert:
1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

WHEREAS:

A. The Government of Maharashtra vide its Gazette Notification No. Sankinam-0125/P.R.32/Urja-4 dated 09.04.2025 has notified REC Power Development and Consultancy Limited to be the Bid Process Coordinator (BPC) for the purpose of selection of Bidder as Transmission Service Provider (TSP) for "**Establishment Of 400/220/132 kV AIS Sakoli (Dist. Bhandara)**" through tariff based competitive bidding process (hereinafter referred to as the "Project").

B. In accordance with the Bidding Guidelines, the BPC had initiated a competitive bidding process through issue of RFP for selecting a Successful Bidder to build, own, operate and transfer the Project comprising of the Elements mentioned in **Schedule 2** of the TSA. BPC had initiated this process in accordance with and on the terms and conditions mentioned in the RFP Project Documents (as defined hereinafter).

C. BPC has incorporated the Company and has undertaken the preliminary studies, obtained certain approvals, etc. regarding the Project on behalf of the Company.

D. REC PDCL along with the Nominees hold one hundred per cent (100%) of the total issued and paid up equity share capital of the Company.

E. Pursuant to the said Bid Process, Ashoka Buildcon Limited has been identified as the Selected Bidder vide Letter of Intent dated 13th August, 2026 issued by the BPC in favour of the Selected Bidder.

F. As envisaged in the RFP, the Shares Seller (as defined hereinafter) has agreed to sell the Sale Shares (as defined hereinafter) to the Selected Bidder and the Selected Bidder has agreed to purchase the Sale Shares from the Shares Seller, subject to and on the terms and conditions set forth in this Agreement.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL COVENANTS AND AGREEMENTS SET FORTH IN THIS AGREEMENT AND FOR OTHER GOOD AND VALUABLE CONSIDERATION, THE PARTIES HEREBY AGREE AS FOLLOWS:

1. DEFINITIONS

1.1 Capitalised terms in this Agreement, unless defined in this Agreement shall, in so far as the context admits, have the same meaning in this Agreement as has been ascribed to them in the TSA.

1.2 Additionally, the following terms shall have the meaning hereinafter respectively assigned to them herein below:

(i) **"Acquisition Price"** shall mean INR 3,05,84,508/- (Rupees Three Crore Five Lakh Eighty-Four Thousand Five Hundred Eight Only), which is the aggregate consideration payable by the Selected Bidder towards purchase of the Sale Shares at par and for taking over of all assets and liabilities of the Company as on the Closing Date subject to adjustment as per the audited accounts of the Company as on the Closing Date;

(ii) **"Agreement"** or **"the Agreement"** or **"this Agreement"** shall mean this Share Purchase Agreement and shall include the recitals and/or annexures attached hereto, and the contracts, certificates, disclosures and other documents to be executed and delivered pursuant hereto, if any, and any amendments made to this Agreement by the Parties in writing;

(iii) **"Bid Process"** shall mean the competitive bidding process initiated by the BPC, by issuance of RFP for selecting a Successful Bidder to build, own, operate and transfer the Project in accordance with and on the terms and conditions mentioned in the RFP Project Documents;

(iv) **"Board"** shall mean the board of directors of the Company;

(v) **"Closing Date"** shall mean a mutually agreed date between the Parties falling within the period as mentioned in clause 2.15.2 of RFP or on failure of such mutual agreement between the Parties shall be the date falling on the last date of such period;

(vi) "**Encumbrance**" shall mean any mortgage, pledge, lien, charge, security assignment, hypothecation, trust, encumbrance or any other agreement having the effect of creating security interest;

(vii) "**Letter of Intent**" shall have the meaning ascribed thereto under the Bid Documents;

(viii) **"Long Term Transmission System User"** or **"LTTSU"** shall mean a person availing or intending to avail access to the Intra-State Transmission System for a period up to twenty-five years or more.;

(ix) **"Nodal Agency"** shall mean Maharashtra STU;

(x) "**Nominees"** shall mean the Persons, who are named in Annexure A of this Agreement, holding the Sale Shares as nominees of REC PDCL;

(xi) "**Party**" shall mean REC PDCL, Company and the Selected Bidder, referred to individually, and "**Parties**" shall mean REC PDCL, Company and the Selected Bidder collectively referred to, as relevant;

(xii) "**Person**" shall include an individual, an association, a corporation, a partnership, a joint venture, a trust, an unincorporated organisation, a joint stock company or other entity or organisation, including a government or political subdivision, or an agency or instrumentality thereof, and/or any other legal entity;

(xiii) "**RFP Project Documents**" shall mean the following documents, referred to collectively:

a. Transmission Service Agreement; and
b. this Agreement.

(xiv) "**Representations and Warranties**" shall mean the representations and warranties mentioned in **Clause 4** hereto;

(xv) "**RoC**" shall mean the Registrar of Companies;

(xvi) "**Sale Shares**" shall mean 50,000 shares, representing one hundred percent (100%) of the total issued, subscribed and fully paid-up equity share capital of the Company held by the Shares Seller and Nominees as more particularly described in Annexure A attached hereto;

(xvii) "**Shares**" shall mean the fully paid-up equity shares of Company, of face value Rs. 10 each;

(xviii) "**Shares Seller**" shall mean REC PDCL; and

(xix) "**Transmission Service Agreement**" or "**TSA**" means the agreement titled 'Transmission Service Agreement' to be executed on 23rd September, 2026 between the Nodal Agency and the TSP pursuant to which the TSP shall build, own, operate and transfer the Project and make available the assets of the Project to the Nodal Agency/Long Term Transmission System User(s) on a commercial basis, as may be amended from time to time.

1.3 Interpretation Clause

Unless the context otherwise requires, the provisions of the TSA relating to the interpretation of the TSA shall apply to this Agreement as if they were set out in full in this Agreement and to this end are incorporated herein by reference.

2. TRANSFER OF SHARES

2.1 Subject to the terms and conditions of this Agreement, the Shares Seller agrees to sell and transfer to the Selected Bidder and the Selected Bidder hereby agrees to purchase from the Shares Seller, the Sale Shares free from Encumbrances together with all assets and liabilities of the Company with rights and benefits attached thereto in consideration of the Acquisition Price and the covenants, undertakings and the agreements of the Selected Bidder contained in this Agreement.

2.2 The Shares Seller hereby undertakes to cause the Nominees to transfer part of the Sale Shares held by them as nominees of the Shares Seller to the Nominees of Selected Bidder and execute any documents required to deliver good title to the Sale Shares to the Selected Bidder.

3. CLOSING

3.1 Prior to the Closing Date, the Selected Bidder shall provide to the Shares Seller, valid share transfer forms duly stamped with requisite amount of stamp duty payable on the transfer of the Sale Shares ("**Share Transfer Forms**").

3.2 On the Closing Date, the Shares Seller shall hand over to the Selected Bidder or its authorised representative, the original share certificates representing the Sale Shares ("**Sale Share Certificates**") executed by the Shares Seller and the Nominees, simultaneously against the Selected Bidder handing over to the Shares Seller, demand drafts drawn in favour of the Shares Seller or by confirmation of RTGS transfer in favour of the Shares Seller, for the Acquisition Price payable to it.

Provided that prior to the handing over of the Sale Share Certificates to the Selected Bidder as mentioned above, the Selected Bidder shall provide satisfactory evidence to REC PDCL that on the Closing Date, the Selected Bidder has furnished the Contract Performance Guarantee to the Nodal Agency and is in a position to comply with all other requirements of Clause 2.15.2 of the RFP.

3.3 The Selected Bidder shall immediately upon receiving the Sale Share Certificates and the Share Transfer Forms, duly execute the Share Transfer Forms and duly lodge the Share Transfer Forms and the Share Certificates with the Company along with the names of its nominees to be appointed on the Board of the Company. The new registered office address of the Company shall be within the jurisdiction of the RoC of New Delhi or within the jurisdiction of any other RoC, as required by selected bidder, by following the due process as may be required, which would be the new registered office of the Company. The Company shall, upon receipt of the said documents from the Selected Bidder, do the following:

(i) Immediately on the Closing Date convene a meeting of the Board, wherein the Board shall pass the following necessary resolutions:

(a) approving the transfer of the Shares constituting the Sale Shares from the Shares Seller and the Nominees to the name of the **Ashoka Buildcon Limited** and transfer of all assets and liabilities of the Company as on Closing Date;

(b) approving the **Ashoka Buildcon Limited** as the member of the Company and entering the name of the **Ashoka Buildcon Limited** and its nominees in the register of members.

(c) changing the address of the registered office of the Company to the new address within 15 days as per statutory provisions as provided by the Selected Bidder as per clause 3.3 above.

(d) appointing the Directors of the Selected Bidder on the Board of the Company.

Immediately pursuant to the resignation of the existing Directors, the newly constituted Board of Directors shall continue/hold the meeting and pass the following resolutions:

(e) accepting the resignations of the other existing Directors on the Board and the Chair of the meeting which was taken by one of the existing Directors shall be vacated and appointment of a new Chairman who shall be one of the newly appointed Director.

(f) terminating all the authorizations granted regarding the business and/or operations of the Company or the operations of the bank accounts of the Company, with prospective effect; and

(g) acknowledging and accepting the terms and conditions as contained in the executed copies of the RFP Project Documents and to abide by the provisions contained therein.

(ii) Enter the name of the **Ashoka Buildcon Limited** and its nominees as the legal and beneficial owner of the Sale Shares, free of all Encumbrances, in the register of members of the Company;

(iii) Make the necessary endorsements on the Sale Share Certificates, indicating the name of the **Ashoka Buildcon Limited** and its nominees as the legal and beneficial owner of the Sale Shares evidenced there under;

(iv) Return the original Sale Share Certificates, duly endorsed in the name of the **Ashoka Buildcon Limited** and its nominees, to the **Ashoka Buildcon Limited** and its nominees, as the case may be or its authorized representative;

(v) Handover all the statutory registers and records, if any, of the Company to the Selected Bidder.

(vi) Handover certified true copies of the Board resolution passed by the Company as per (i) (c) to (i) (d) of Clause 3.3 (i) to the Selected Bidder.

3.4 The Parties to this Agreement agree to take all measures that may be required to ensure that all the events contemplated in the **Clauses 3.1 to 3.3** above on the Closing Date are completed on the same day.

Notwithstanding the provisions of **Clause 3.3** hereto, all proceedings to be taken and all documents to be executed and delivered by the Parties at the Closing Date shall be deemed to have been taken and executed simultaneously and no proceedings shall be deemed to have been taken nor documents executed or delivered until all have been taken, executed and delivered.

3.5 The Selected Bidder hereby acknowledges and agrees that after the date of acquisition of one hundred percent (100%) of the Shares of the Company by the Selected Bidder as per Clause 3.3, (a) the authority of the BPC in respect of the Bid Process shall forthwith cease and any actions to be taken thereafter regarding the Bid Process will be undertaken by the Nodal Agency themselves, (b) all rights and obligations of the BPC shall cease forthwith, (c) all other rights and obligations of the Company shall be of the TSP and (d) any decisions taken by the BPC on behalf of the Company prior to the date of acquisition, shall continue to be binding on the Company and/or Nodal Agency as the case may be.

3.6 This Agreement shall be effective from the date of its signing by the Parties and shall remain in force until all the obligations of the respective Parties under Clause 3.3 hereto are fulfilled.

4. REPRESENTATIONS AND WARRANTIES

4.1 The Selected Bidder hereby represents and warrants to the Shares Seller that:

4.1.1 The Selected Bidder has full legal right, power and authority to enter into, execute and deliver this Agreement and to perform the obligations, undertakings and transactions set forth herein, and this Agreement has been duly and validly executed and delivered by the Selected Bidder and constitutes its legal, valid and binding obligations, enforceable against it in accordance with its terms;

4.1.2 The execution, delivery and performance of this Agreement by the Selected Bidder (i) will not violate or contravene any provision of the Memorandum of Association or Articles of the Selected Bidder, (ii) will not violate or contravene any law, statute, rule, regulation, licensing requirement, order, writ, injunction or decree of any court, governmental instrumentality or other regulatory, governmental or public body, agency or authority by which the Selected Bidder is bound or by which any of its and/or their properties or assets are bound, and (iii) except to the extent that the same have been duly and properly completed or obtained, will not require any filing with, or permit, consent or approval of or license from, or the giving of any notice to, any court, governmental instrumentality or other regulatory, governmental or public body, agency or authority, joint venture party, or any other entity or person whatsoever; and

4.1.3 The Selected Bidder is not restricted in any manner whatsoever, including without limitation, on account of any judicial or governmental order, action or proceeding, or any contractual obligation assumed by the Selected Bidder, from purchasing the Sale Shares from the Shares Seller in the manner provided for in this Agreement.

4.2 The Shares Seller hereby represents and warrants to the Selected Bidder that;

4.2.1 The Shares Seller and the Nominees are the legal and beneficial owners of the Sale Shares, free and clear of any Encumbrance and the delivery to the Selected Bidder of the Sale Shares pursuant to the provisions of this Agreement will transfer to the Selected Bidder a good title to the Sale Shares.

4.2.2 The Shares Seller has full legal right, power and authority to enter into, execute and deliver this Agreement and to perform the obligations, undertakings and transactions set forth herein. The execution, delivery and performance of this Agreement will not violate the Memorandum and Articles of Association of the Shares Seller or contravene any contract by which it is bound.

4.2.3 The Shares Seller has obtained requisite authorizations to sell and transfer the Sale Shares to the Selected Bidder. The Shares Seller also represent that it is not prevented from transferring and selling the Sale Shares. Also, to the best of its knowledge, the Sale Shares are not the subject matter of any claim or pending proceeding or threatened by any legal proceeding made by any third party.

4.3 Except as specified in Clause 4.2 above, the Shares Seller shall not be deemed to have, made any representation or warranty whatsoever, whether express or implied, in relation to the Sale Shares or Company, including but not limited to any implied warranty or representation as to the business or affairs of Company.

4.4 The Representations and Warranties are given as at the date of this Agreement except that where a Representation and Warranty is expressed to be made as at another date, the Representation and Warranty is given with respect to that date only.

4.5 Each Representation and Warranty is to be construed independently of the others and is not limited by reference to any other Warranty. The Representations, Warranties and undertakings contained in this **Clause 4** hereto or in any document delivered pursuant to or in connection with this Agreement are continuing in nature and shall survive the Closing Date for a period of one (1) year.

4.6 The Parties represent to each other that all Representations and Warranties provided herein by the respective Party shall be true as of Closing Date.

5. OBLIGATIONS OF THE SELECTED BIDDER

The Selected Bidder agrees that the Shares Seller shall not be liable in any manner, nor shall it assume any responsibility or liability whatsoever, in respect of the business of the Company and its operations or activities, arising after the Closing Date, to any Person or any authority, central, state, local or municipal or otherwise and the same shall be the sole responsibility of the Selected Bidder.

6. MISCELLANEOUS

6.1 NOTICES

a) All notices to be given under this Agreement shall be in writing and in the English language.

b) All notices must be delivered personally or by registered or certified mail or by recognised courier to the addresses below:

Selected Bidder: **Ashoka Buildcon Limited,**
S. No. 861, Ashoka House, Ashoka Marg, Vadala, Nasik, Maharashtra – 422011

REC PDCL: **REC Power Development and Consultancy Limited**
Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi-110003

Company: **Sakoli Power Transmission Limited**
Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi-110003

c) Any Party may by notice of at least fifteen (15) days to the other Parties change the address and / or addresses to which such notices and communications to it are to be delivered or mailed.

6.2 RESOLUTION OF DISPUTES

6.2.1 If any dispute arises between the Parties, in connection with the validity, interpretation, implementation or alleged breach of any provision of this Agreement ("Dispute"), the disputing Parties hereto shall endeavor to settle such Dispute amicably. The attempt to bring about an amicable settlement shall be considered to have failed if not resolved within sixty (60) days from the date of the Dispute.

6.2.2 If the Parties are unable to amicably settle the Dispute in accordance with Clause 6.2.1 within the period specified therein, any of the Parties shall be entitled to within thirty (30) days after expiry of the aforesaid period, refer the Dispute to the Chief Executive Officer/Director of REC PDCL and Chief Executive/ Managing Director of the Selected Bidder for resolution of the said Dispute. The attempt to bring about such resolution shall be considered to have failed if not resolved within thirty (30) days from the date of receipt of a written notification in this regard.

6.2.3 In the event the Dispute is not settled in accordance with Clause 6.2.2 above, any Party to the Dispute shall be entitled to serve a notice invoking this Clause and making a reference to a sole arbitrator. If the Parties to the Dispute cannot agree as to the appointment of the sole arbitrator within thirty (30) days of receipt of the notice of the Party making the reference, then the Shares Seller along with the Company shall appoint one arbitrator and the Selected Bidder shall appoint one arbitrator and the two arbitrators, so appointed shall appoint a third arbitrator. However, after the Closing Date, in such an event the Shares Seller shall appoint one arbitrator and the Selected Bidder along with the Company shall appoint one arbitrator and the two arbitrators, so appointed shall appoint the third arbitrator.

6.2.4 The place of the arbitration shall be New Delhi. The Arbitration proceedings shall be governed by the Arbitration and Conciliation Act, 1996.

6.2.5 The proceedings of arbitration shall be in English language.

6.2.6 The arbitrator's award shall be substantiated in writing. The arbitrators shall also decide on the costs of the arbitration proceedings. In case the arbitrators have not decided on the costs of the arbitration proceedings, each Party to the Dispute shall bear its own costs, in relation to the arbitration proceedings.

6.3 AUTHORISED PERSON

For the purposes of this Agreement, the Selected Bidder is represented by Mr. Anand Mahale, Sr. Manager, pursuant to an authorization granted to Mr. Anand Mahale, Sr. Manager through necessary Board resolutions. Further, Mr. Anand Mahale, Sr. Manager is also authorized by such resolutions to take any decision which may be required to be taken, do all acts and execute all documents which are or may be required by the Selected Bidder for the proper and effective fulfillment of the rights and obligations under this Agreement. Any action taken or document executed by Mr. Anand Mahale, Sr. Manager shall be deemed to be acts done or documents executed by the Selected Bidder and shall be binding on the Selected Bidder.

6.4 RESERVATION OF RIGHTS

No forbearance, indulgence or relaxation or inaction by any Party at any time to require performance of any of the provisions of this Agreement shall in any way affect, diminish or prejudice the right of such Party to require performance of that provision, and any waiver or acquiescence by any Party of any breach of any of the provisions of this Agreement shall not be construed as a waiver or acquiescence of any continuing or succeeding breach of such provisions, a waiver of any right under or arising out of this Agreement or acquiescence to or recognition of rights other than that expressly stipulated in this Agreement.

6.5 CUMULATIVE RIGHTS

All remedies of either Party under this Agreement whether provided herein or conferred by statute, civil law, common law, custom or trade usage, are cumulative and not alternative and may be enforced successively or concurrently.

6.6 PARTIAL INVALIDITY

If any provision of this Agreement or the application thereof to any person or circumstance shall be invalid or unenforceable to any extent, the remainder of this Agreement and the application of such provision to persons or circumstances other than those as to which it is held invalid or unenforceable shall not be affected thereby, and each provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law. Any invalid or unenforceable provision of this Agreement shall be replaced with a provision, which is valid and enforceable and most nearly reflects the original intent of the unenforceable provision.

6.7 TERMINATION

If (i) the Closing does not occur on the Closing Date for any reason whatsoever, or (ii) the Letter of Intent is withdrawn or terminated for any reason, or (iii) due to termination of the TSA by the Nodal Agency in accordance with Article 3.3.2 or Article 13 of the TSA thereof, REC PDCL shall have a right to terminate this Agreement forthwith by giving a written notice to the other Parties hereto.

6.8 AMENDMENTS

No modification or amendment of this Agreement and no waiver of any of the terms or conditions hereof shall be valid or binding unless made in writing and duly executed by all the Parties.

6.9 ASSIGNMENT

This Agreement and the rights and liabilities hereunder shall bind and inure to the benefit of the respective successors of the Parties hereto, but no Party hereto shall assign or transfer its rights and liabilities hereunder to any other Person without the prior written consent of the other Parties, which will not be unreasonably withheld.

6.10 ENTIRE AGREEMENT

This Agreement constitutes the entire Agreement between the Parties with respect to the subject matter herein and supersedes and cancels any prior oral or written agreement, representation, understanding, arrangement, communication or expression of intent relating to the subject matter of this Agreement.

6.11 COSTS

Each of the Parties hereto shall pay their own costs and expenses relating to the negotiation, preparation and execution of this Agreement and the transactions contemplated by this Agreement.

The Selected Bidder shall be liable to bear and pay the costs in respect of this Agreement and transfer of Sale Shares.

6.12 RELATIONSHIP

None of the provisions of this Agreement shall be deemed to constitute a partnership between the Parties hereto and no Party shall have any authority to bind the other Party otherwise than under this Agreement or shall be deemed to be the agent of the other in any way.

6.13 GOVERNING LAW AND JURISDICTION

This Agreement shall be governed by and construed in accordance with the laws of India and shall be subject to the exclusive jurisdiction of the courts of Delhi.

6.14 COUNTERPARTS

This Agreement may be executed in counterparts by the Parties and each fully executed counterpart shall be deemed to be original.

6.15 CONFIDENTIALITY

The Parties undertake to hold in confidence and not to disclose the terms and conditions of the transaction contemplated hereby to third parties, except:

(a) to their professional advisors;

(b) to their officers, employees, agents or representatives, who need to have access to such information for the proper performance of their activities;

(c) disclosures required under Law;

without the prior written consent of the other Parties.

Provided that the Nodal Agency and REC PDCL may at any time, disclose the terms and conditions of transactions contemplated hereby to any person, to the extent stipulated under the law or the Bidding Guidelines.

6.16 INDEMNIFICATION

The Parties hereby agree that transfer of Sale Shares to the Selected Bidder shall vest all the rights, privileges, licenses, responsibilities, liabilities and other obligations pertaining to the Company in the Selected Bidder.

- The Selected Bidder hereby agrees that the Selected Bidder shall not be entitled to any claims or initiate any legal proceedings by itself or through the Transmission Service Provider against the Shares Seller, its directors, officers, employees and the subscribers including the members of any committees appointed by them in respect of any actions or decisions taken by any of them up to the Closing Date in furtherance of the Project referred to in recital A of this Agreement.

- Further, the Selected Bidder hereby indemnifies and holds harmless at all times the Shares Seller against all past, present and future third party claims and liabilities arising out of actions or decisions taken by any of the persons or bodies referred to in Clause 6.3 up to the Closing Date in furtherance of the Project referred to above or otherwise concerning the Company. All such actions shall be defended by the Selected Bidder either itself or through the TSP at its own cost.

- The Parties hereby agree that the provisions of this clause shall survive the termination of this Agreement.

6.17 SURVIVAL

The provisions of Clause 1 (Definitions and Interpretation), Clause 4 (Representations and Warranties), Clause 6.2 (Resolution of Disputes), Clause 6.7 (Termination), Clause 6.15 (Confidentiality), Clause 6.16 (Indemnification) and other representations, warranties, covenants and provisions contained herein that by their nature are intended to survive, shall survive the termination of this Agreement

6.18 FORCE MAJEURE

No party shall be liable for its inability or delay in performing any of its obligations hereunder if such delay is caused by circumstances beyond the reasonable control of the party including delay caused through flood, riot, Act of God, lighting civil commotion, storm, tempest and earthquake.

IN WITNESS WHEREOF, THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE DULY EXECUTED AND DELIVERED AS OF THE DAY AND YEAR FIRST ABOVE WRITTEN

SIGNED AND DELIVERED by the within named **REC POWER DEVELOPMENT AND CONSULTANCY LIMITED** by the hand of Sh. Rajkumar Sonkar, HoD (CS)

(Authorised pursuant to the resolution passed by its Board of Directors in its meeting held on 27th August, 2026)

IN THE PRESENCE OF:

WITNESS:
(Name and address)

1. Anil Kumar Perala,
DGM (Engg)
RECPDCL, Gurugram

(Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi-110003)

2. RITAM BISWAS
Dy. MANAGER (ENGG.),
RECPDCL

(Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi-110003)

SIGNED AND DELIVERED by the within named **SAKOLI POWER TRANSMISSION LIMITED** by the hand of Smt. Navita Dubal, Chairman

(Authorised pursuant to the resolution passed by its Board of Directors in its meeting held on 23rd September, 2026)

WITNESS:
(Name and address)

RITU MADAN ARORA
CM (CS)
RECPDCL

(Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi-110003)

Nirbhay Goel, DM (CS)
REC Limited

(Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi-110003)

SIGNED AND DELIVERED by the within named **ASHOKA BUILDCON LIMITED** by the hand of Mr. Anand Mahale, Sr. Manager

(Authorised pursuant to the resolution passed by its Board of Directors in its meeting held on 11th August, 2026)



WITNESS:
(Name and address)

Jyoti Garg
VICE PRESIDENT

S. No. 861, Ashoka House,
Ashoka Marg, Vadala, Nasik,
Maharashtra – 422011

Veda B. Patil
(Company Secretarial Dept)

S. No. 861, Ashoka House,
Ashoka Marg, Vadala, Nasik,
Maharashtra – 422011

ANNEXURE A

DESCRIPTION OF THE SALE SHARES

S. NO.	NAME OF THE SHAREHOLDER	NUMBER OF EQUITY SHARES HELD	PERCENTAGE OF THE TOTAL PAID UP EQUITY CAPITAL
1.	REC Power Development and Consultancy Limited	49,994	99.988
2.	Shri Jaspal Singh Kushwaha*	1	0.002
3.	Shri Mukul Agarwal*	1	0.002
4.	Shri Ch. V. Lakshmana Charyulu*	1	0.002
5.	Smt. Navita Dubal*	1	0.002
6.	Shri Arvind Kumar*	1	0.002
7.	Shri Anil Kumar Perala*	1	0.002
	Total	50,000	100.000

*** Held as nominee of REC PDCL.**

SCHEDULE I

FORM OF APPLICATION FOR LICENCE

To,
The Secretary,
Maharashtra Electricity Regulatory Commission

We, Sakoli Power Transmission Limited ("**Sakoli**") hereby apply for a Transmission License under the Maharashtra Electricity Regulatory Commission (Transmission License Conditions) Regulations, 2004. We set out hereunder the relevant particulars in connection with our application and shall provide any other information as required by this Ld. Commission.

GENERAL INFORMATION

1. Name to appear on license: Sakoli Power Transmission Limited.

2. Primary Contact:

   (a) **Name**: Mr. Anand Mahale

   (b) **Contact Address**:

      (i) **Corporate Office** [*contact address*]: S. No. 861, Ashoka House, Ashoka Marg, Vadala, Nashik, Maharashtra - 422001

      (ii) **Registered Office**: Core-4, Scope Complex, 7, Lodhi Road, South Delhi, New Delhi, Delhi, India, 110003

   (c) **Phone No.**: + 91 253 6633705

   (d) **Fax No.**: +91 253 2236704

   (e) **E-mail address**: anand.mahale@ashokabuildcon.com; compliance@sakolitransco.com

INFORMATION ABOUT THE APPLICANT

3. **Full legal name of organization**: Sakoli Power Transmission Limited.

4. **Registration number under applicable statute**: U42202DL2025GOI451359.

5. **Date of incorporation and registration**: 07.07.2025.

6. **Registered office address**: Core-4, Scope Complex, 7, Lodhi Road, New Delhi – 110003.

7. **Names of promoters, along with their respective ownership percentages**: Ashoka Buildcon Limited (100% ownership in Sakoli).

ENCLOSURES

The following information/documents are duly attached:

Incorporation

8. The following incorporation documents, as applicable: -

(a) Where the applicant is a company, the Memorandum and Articles of Association: The Memorandum of Association and Articles of Association are at **Enclosure-1**.

(b) Where the applicant is a partnership, the deed of partnership: NA.

(c) In any other case, applicable deed or charter of incorporation, if any: NA.

Technical Information

9. Management information (provided in respect of operations, projects, commercial, finance, regulatory, HR and IT functions):

Name	Designation	Qualification	Area of expertise	Experience
Mr. Milind Kulkarni	General Manager	B.E. Civil	Technical, Projects	31 Years
Mr. Prashant Paharia	Additional General Manager	B.E. Electrical	Technical, Projects	23 Years
Mr. Anand Mahale	Sr. Manager	B. Tech, MBA	Finance, Commercial	11 Years
Mr. Mukund Chandak	Assistant General Manager	B.E. Civil	Technical, Projects	18 Years
Mr. Rajat Kumar	Sr. Engineer	B. Tech, Civil	Technical, Projects	9 Years
Mr. Arbaz Khan	Sr. Executive	MPM	HR & Admin	16 Years
Mr. Navnath Shinde	Jr. Executive	MA	IT, Operations	18 Years

10. '*Sufficient description adequately specifying the actual or proposed location of the system of electric lines and electrical plant by means of which the applicant intends to enable transmission of electricity, indicating which plant and lines are to be constructed and which are existing plant and lines, and the area to which the application relates*': Copy of the Survey Report of Sakoli's Transmission Project, detailing the requisite information, is at **Enclosure-2**.

11. '*Detailed map or maps of the proposed area of transmission, on a scale of not less than 10 centimetres to a kilometer, or if no such maps are available, of not less than that of the largest scale of ordnance maps available, depicting the proposed intra-State transmission system of the applicant*': Copy of the Survey Report of Sakoli's Transmission Project, detailing the requisite information, is at **Enclosure-2**.

12. '*List of the whole or any part of any cantonment, aerodrome, fortress, arsenal, dockyard or camp or any building or place in the occupation of the Government for defence purposes located within the proposed area of transmission*': As per the Survey Report for the Transmission Project, there are no defence establishments in the area of the Transmission Project.

13. *'List of streets or parts of streets which are repairable by a person other than the Central Government, State Government or local authority and of railways, tramways, canals and waterways for which the applicant has obtained authorization to undertake works.'*: The area under ambit of Sakoli's Transmission Project does not envisage "*streets or parts of streets which are repairable by a person other than the Central Government, State Government or local authority and of railways, tramways, canals and waterways*".

Financial Information

14. **Most recent three years of Accounting Statements together with Auditors' Reports, if any**:

(a) Sakoli was incorporated on 07.07.2025 as an SPV, to be the Transmission Service Provider ("**TSP**") for the Transmission Project *viz. 'Establishment of 400/220/132 kV AIS Sakoli [Dist: Bhandara]'*. Therefore, Accounting Statements before 07.07.2025 do not exist.

(b) The Accounting Statements [for FY 2025-26 (as on 31.03.2026)], along with the Auditor's Report, are at **Enclosure-3**.

15. Indicative investment plan and Network rollout plan for the next five years, detailing year-wise and area-wise rollout of the transmission system:

(a) The details of the indicative investment plan for the Transmission Project is tabulated below (All figures in INR crores)

Details	FY27	FY28	FY29	FY30	FY31
Capital Expenses	84.7	508.0	254.0	-	-
Interest during construction	0.2	23.9	27.2	-	-
Operational expenditure	-	-	3.6	7.5	7.8

(b) The network rollout plan is as per the scope of work in the RFP and the TSA dated 23.09.2026.

Other Enclosures Required

16. **Copy of Receipt for the license application processing fee**: Copy of Sakoli's license application processing fees is at **Enclosure-4**.

We certify that the particulars submitted herewith are true, complete and correct, to the best of my/our knowledge and belief at the time of submission and do not contain any untrue statement of a material fact or omits to state a material fact necessary to make the statement/particulars contained herein not misleading.

Place: Nashik

Sign:

Date: 30.09.2026

Name and Designation: Anand Mahale (Sr. Manager)

SAKOLI POWER TRANSMISSION LIMITED

Form No. INC-33

e-MOA (e-Memorandum of Association)
[Pursuant to Schedule I (see Sections 4 and 5) to the Companies Act, 2013)]

सत्यमेव जयते

Form language

(•) English ( ) Hindi

Refer instruction kit for filing the form

*All fields marked in * are mandatory*

*** Table applicable to company as notified under schedule I of the Companies Act, 2013**

(A - MEMORANDUM OF ASSOCIATION OF A COMPANY LIMITED BY SHARES
B - MEMORANDUM OF ASSOCIATION OF A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL
C - MEMORANDUM OF ASSOCIATION OF A COMPANY LIMITED BY GUARANTEE AND HAVING A SHARE CAPITAL
D - MEMORANDUM OF ASSOCIATION OF AN UNLIMITED COMPANY AND NOT HAVING SHARE CAPITAL
E - MEMORANDUM OF ASSOCIATION OF AN UNLIMITED COMPANY AND HAVING SHARE CAPITAL)

A - MEMORANDUM OF ASSOCIATION OF A COMPANY LIMITED BY SHARES

Table A/B/C/D/E

1 The name of the company is

SAKOLI POWER TRANSMISSION LIMITED

2 The registered office of the company will be situated in the State of

Delhi

3 (a) The objects to be pursued by the company on its incorporation are:

1.To plan, promote and develop an integrated and efficient power transmission system network in all its aspects including planning, investigation, research, design and engineering, preparation of preliminary, feasibility and definite project reports, construction, operation and maintenance of transmission lines, sub-stations, load dispatch stations and communication facilities and appurtenant works, coordination of integrated operation of regional and national grid system, execution of turn-key jobs for other utilities/organizations and wheeling of power in accordance with the policies, guidelines and objectives laid down by the Central Government from time to time.
2. To study, investigate, collect information and data, review operation, plan, research, design and prepare Report, diagnose operational difficulties and weaknesses and advise on the

remedial measures to improve, undertake development of new and innovative product connected with business of the Company as well as modernize existing EHV, HV lines and Sub-Stations.
3.To act as consultants, technical advisors, surveyors and providers of technical and other services to Public or Private Sector enterprises engaged in the planning, investigation, research, design and preparations of preliminary, feasibility and definite project reports, manufacture of power plant and equipment, construction, generation, operation and maintenance of power transmission system from power generating stations and projects, transmission and distribution of power.
4.To plan, promote, develop, erect and maintain, operate and otherwise deal in Telecommunication networks and services in all its aspects including planning, investigation, research, design and engineering, preparation of preliminary, feasibility and definite project reports: to purchase, sell, import, export, assemble, manufacture, install, commission, maintain, operate commercially whether on own or along with other, on lease or otherwise. These networks and for such purposes to set up and/ or install all requisite communications facilities and other facilities including fibre optic links, digital microwave links, communication cables, other telecommunication means, telephone and other exchanges, co-axial stations, microwave stations, repeater stations, security system databases, billing systems, subscriber management systems and other communication systems whether consisting of sound, visual impulse, or otherwise, existing or that may be developed or invented in the future and to

	manufacture, purchase, sell, import, export, assemble, take or give on lease/rental/subscription basis or by similar means or otherwise deal in all components and other support and ancillary hardware and software systems, accessories, parts and equipments etc. used in or in connection with the operation of the above communication systems and networks including to deal with telecommunication operations or directly with the general public, commercial companies or otherwise.
(b) *Matters which are necessary for furtherance of the objects specified in clause 3(a) are	1.To obtain license, approvals and authorization from Governmental Statutory and Regulatory Authorities, as may be necessary to carry out and achieve the Objects of the Company and connected matters which may seem expedient to develop the business interests of the Company in India and abroad. 2.To enter into any arrangement with the Government of India or with any State Government or with other authorities/ commissions, local bodies or public sector or private sector undertakings, Power Utilities, Financial Institutions, Banks, International Funding Agencies and obtain such charters, subsidies, loans, advances or other money, grants, contracts, rights, sanctions, privileges, licenses or concessions whatsoever (whether statutory or otherwise) which the Company may think it desirable to obtain for carrying its activities in furthering the interests of the Company or its members. 3.To enter into any agreement, contract or any arrangement for the implementation of the power generation, evacuation, transmission and distribution system and network with Power/ Transmission Utilities, State Electricity Boards, Vidhyut Boards, Transmission

Companies, Generation Companies,
Licensees, Statutory bodies, other organizations (whether in Private, Public or Joint Sector Undertaking) and bulk consumers of power etc.
4.To secure the payments of money, receivables on transmission and distribution of electricity and sale of fuel, as the case may be, to the State Electricity Boards, Vidyut Boards, Transmission Utilities, Generating Companies, Transmission Companies, Distribution Companies, State Governments, Licensees, statutory bodies, other
organizations (whether in Private, Public or Joint Sector Undertaking) and bulk consumers of power etc. through Letter of Credits/ESCROW and other security documents.
5.To coordinate with the Central Transmission Utility of electricity generated by it under the relevant provisions of Electricity Act 2003 and any amendments thereto.
6.Subject to provisions of Sections 73, 74, 179, 180 & 186 and other applicable provisions of the Companies Act, 2013 and rules made thereunder and subject to other laws or directives, if any, of SEBI/RBI, to borrow money in Indian rupees or foreign currencies and obtain foreign lines of credits/ grants/ aids etc. or to receive money or deposits from public for the purpose of the Company's business in such manner and on such terms and with such rights, privileges and obligations as the Company may think fit. The Company may issue bonds/ debentures whether secured or unsecured; bills of exchange, promissory notes or other securities, mortgage or charge on all or any of the immovable and movable properties, present or future and all or any of the uncalled capital for the time being of the Company as the

Company may deem fit and
To repay, redeem or pay off any such securities or charges.
7.To lend money on property or on mortgage of immovable properties or against Bank guarantee and to make advances of money against future supply of goods and services on such terms as the Directors may consider necessary and to invest money of the Company in such manner as the Directors may think fit and to sell, transfer or to deal with the same.
8.To own, possess, acquire by purchase, lease or otherwise rights, title and interests in and to, exchange or hire real estate, equipment, Transmission lines, lands, buildings, apartments, plants, equipment, machinery, fuel blocks and hereditaments of any tenure or descriptions situated in India or abroad or any estate or interest therein and any right over or connected with land so situated and turn the same to account in any manner as may seem necessary or convenient for the purpose of business of the Company and to hold, improve, exploit, reorganize,
manage, lease, sell,
exchange or otherwise dispose of the whole or any part thereof.
9.Subject to applicable provisions of Companies Act, 2013, to subscribe for, underwrite, or otherwise acquire, hold, dispose of and deal with the shares, stocks, debentures or other securities and titles of indebtedness or the right to participate in profits or other similar documents issued by any Government authority, Corporation or body or by any company or body of persons and any option or right in respect thereof.
10.To create any depreciation fund, reserve fund, sinking fund, insurance fund, gratuity, provident fund or any other fund, for depreciation or for repairing, improving extendingor

maintaining any of the properties of the Company or for any other purposes whatsoever conducive to the interests of the Company.

11.To acquire shares, stocks, debentures or securities of any company carrying on any business which this Company is entitled to carry on or acquisition of undertaking itself which may seem likely or calculated to promote or advance the interests of the Company and to sell or dispose of or transfer any such shares, stocks or securities and the acquired undertaking.

12.To enter into partnership or into any agreement for joint working, sharing or pooling profits, joint venture, amalgamation, union of interests, co-operation, reciprocal concessions or otherwise or amalgamate with any person or company carrying on or engaged in or about to carry on or engaged in any business or transaction in India or abroad which the Company is authorized to carry on or engage in any business undertaking having objects identical or similar to, as are being carried on by this Company.

13.To establish and maintain agencies, branch offices and local agencies, to procure business in any part of India and world and to take such steps as may be necessary to give the Company such rights and privileges in any part of the world as deemed proper in the interest of the Company.

14.To promote and undertake the formation of any institution or Company or subsidiary company or for any aforesaid objects intended to benefit the Company directly or indirectly and to coordinate, control and guide their activities.

15(a).To negotiate and enter into agreements and contracts with domestic and foreign companies,

persons or other organizations, banks and financial institutions, in relation to the business of the Company including that of technical know-how, import, export, purchase or sale of plant, machinery, equipment, tools, accessories and consumables, financial assistance and for carrying out all or any of the objects of the Company.
15(b). To negotiate and enter into
agreements and contracts for execution of turnkey jobs, works, supplies and export of plant, machinery, tools and accessories etc.
16.Upon and for the purpose of any issue of shares, debentures or any other securities of the Company, to enter into agreement with intermediaries including brokers, managers of issue/commission agents and underwriters and to provide for the remuneration of such persons for their services by way of payment in cash or issue of shares, debentures or other securities of the Company or by granting options to take the same or in any other manner as permissible under the law.
17.To enter into contracts of indemnity and get guarantee and allocations for the business of the Company.
18.To make arrangements for training of all categories of employees and to employ or otherwise engage experts, advisors, consultants etc. in the interest of achieving the Company's objects.
19.To promote conservation and protection of electricity from theft, safety of life and to protect environments including air, land and water etc.
20.To pay and provide for the remuneration, amelioration and welfare of persons employed or formerly employed by
the Company and their families providing for pension, allowances, bonuses, other payments or by creating for the

purpose from time to time the Provident Fund, Gratuity and other Funds or Trusts. Further to undertake building or contributing to the building or houses, dwellings or chawls by grants of money, or by helping persons employed by the Company to effect or maintain insurance on their lives by contributing to the payment of premium or otherwise and by providing or subscribing or contributing towards educational institutions, recreation, hospitals and dispensaries, medical and other assistance as the Company may deem fit.

21.To ensure any rights, properties, undertakings, contracts, guarantees or obligations or profits of the Company of every nature and kind in any manner with any person, firm, association, institution or company.

22.To distribute among members of the Company dividend including bonus shares out of profits, accumulated profits or funds and resources of the Company in any manner permissible under law.

23.To institute, conduct, defend, compound or abandon any legal proceedings by or against the Company or its officers or otherwise concerning the affairs of the Company and also to compound and to allow time for payment or satisfaction of any debts or recovery due, claims or demands by or against the Company and to refer any claims or demands by or against the Company or any differences arising in execution of contracts to conciliation and arbitration and to observe, comply with and/or challenge any awards preliminary, interim or final made
in any such arbitration.

24.To pay
out of the funds of the Company all costs, charges, expenses and preliminary and

incidental to the promotion, formation, establishment and registration of the Company or other expenses incurred in this regard.
25.Subject to provisions of Sections 181, 182 & 183 of Companies Act, 2013 to contribute money or otherwise assist to charitable, benevolent, religious, scientific national, defense, public or other institutions or objects or purposes.
26.To open an account or accounts with any individual, firm or company or with any bank bankers or shroofs and to pay into and withdraw money from such account or accounts.
27.To accept gifts, bequests, devises and donations from members and others and to make gifts to members and others of money, assets and properties of any kind.
28.To carry out all or any of the objects of the company and do all or any of the above things in any part of the world and either as principal, agent, contractor or trustee or otherwise and either alone or in conjunction with others.
29.To negotiate and/or enter into agreement and contract with individuals, companies, corporations, foreign or Indian, for obtaining or providing technical, financial or any other assistance for carrying on all or any of the objects of the Company and also for the purpose of activating, research, development of projects on the basis of know-how and/or financial participation and for technical collaboration, and to acquire or provide necessary formulate and patent rights for furthering the objects of the company.
30.To aid peculiarly or otherwise, any association, body or movement having for its object the solution, settlement or surmounting of industrial or labour problems or trouble or

the promotion of industry or trade.
31.Subject to the provisions of Companies Act, 2013 or any amendment or re-enactment thereof in the event of winding up to distribute among the members in specie any property of the Company or any proceeds of sale on disposal of any property in accordance with the provisions of the Act.
32.To do all such other things as may be deemed incidental or conducive to the attainment of the above Objects or any of them and to carry on any business which may seem to the Company capable of being conveniently carried in connection with any of the Company's Objects or calculated directly or indirectly to enhance the value of or render profitable any of the Company's property or rights.
33.To establish, provide, maintain and conduct or otherwise subsidies research laboratories and experimental workshops for scientific, technical or researches, experiments and to undertake and carry on directly or in collaboration with other agencies scientific and technical research experiments and tests of all kinds and to process, improve and invent new products and their techniques of manufacture and to promote, encourage, reward in every manner studies and research, scientific and technical investigations and inventions of any kind that may be considered likely to assist, encourage and promote rapid advances in technology, economies, import substitution or any business which the Company is authorized to carry on.
34.Subject to provisions of the Companies Act, 2013, to evolve scheme for restructuring or arrangement, to amalgamate or merge or to enter into partnership or into any consortium or arrangement for

sharing of profits, union of interests, co-operation, joint venture with any Person or Persons, partnership firm/firms, or company or companies carrying on or engaged in any operation capable of being conducted so conveniently in cooperation
with the business of
the Company or to benefit the Company or to the activities for which the Company has been established.
35.To apply for purchase, or otherwise acquire any trade marks, patents, brevets, inventions, licenses, concessions and the like, conferring any exclusive or nonexclusive or limited rights to use, or any secret or other information as to any invention which may be capable of being used for any of the purposes of the Company, or the acquisition of which may benefit the Company and to use, exercise, develop or grant licenses in respect of or otherwise turn to account the property, rights or information so acquired.
36.To sell, dispose or hive off an undertaking of the Company or any part thereof for such consideration as the Company may think fit and in particular for shares, debentures or securities of any other association, corporation or company.
37.To sell, improve, manage, develop, exchange, loan, lease or let, under-lease, sub - let, mortgage, dispose of, deal with in any manner, turn to account or
otherwise deal with any rights or property of the Company.

4 The liability of the member(s) is limited, and this liability is limited to the amount unpaid if any, on the shares held by them.

5 Every member of the company undertakes to contribute:

(i) to the assets of the company in the event of its being wound up while he is a member, or within one year after he ceases to be a member, for payment of the debts and liabilities of the company or of such debts and liabilities as may have been contracted before he ceases to be a member; and

(ii) to the costs, charges and expenses of winding up (and for the adjustment of the rights of the contributories among themselves), such amount as may be required, not exceeding * [ ] rupees.

(iii) The share capital of the company is [500000] rupees, divided into

50000	Equity Share	Shares of	10	Rupees each	

6

☑ We, the several persons, whose names and address are subscribed, are desirous of being formed into a company in pursuance of this memorandum of association, and we respectively agree to take the number of shares in the capital of the company set against our respective names:

☐ I, whose name and address is given below, am desirous of forming a company in pursuance of this memorandum of association and agree to take all the shares in the capital of the company:

☐ We, the several persons, whose names and addresses are subscribed, are desirous of being formed into a company in pursuance of this memorandum of association:

Subscriber Details					
S. No.	*Name, Address, Description and Occupation	DIN / PAN / Passport number	No. of shares taken	DSC	Dated
1	NAVITA DUBAL D/O PHOOL SINGH NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O FLAT NO. 307, GAUR GANGA-1 APARTMENT, SECTOR-4, BEHIND VAISHALI METRO STATION, VAISHALI GHAZIABAD UTTAR PRADESH- 201010 OCCUPATION-SERVICE	1*1*8*8*	1 Equity,0 Preference	Navita Dubal	23/06/2025
2	REC POWER DEVELOPMENT AND CONSULTANCY LIMITED, CORE-4, SCOPE COMPLEX, 7, LODHI ROAD, NEW DELHI-110003, THROUGH ITS CEO THANGARAJAN SUBASH CHANDIRA BOSH S/O SITHAN THANGARAJAN R/O APARTMENT NO S-2, MIDDLE PORTION 2-B, JANGPURA, MATHURA ROAD, NEWDELHI-110014, OCCUPATION-SERVICE	0*7*2*1*	49994 Equity,0 Preferenc	Thangarajan Subash Chandira Bosh	23/06/2025
3	ANIL KUMAR PERALA S/O VENKATESHAM PERALA NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O A302 TARIKA APPARTMENT, SECTOR-43 GURGAON HARYANA-122001 OCCUPATION-SERVICE	B*V*P*1*2*	1 Equity,0 Preference	Perala Anil Kumar	23/06/2025
4	ARVIND KUMAR S/O NAND KISHOR SINGH NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O T4-8A, SAI VATIKA APARTMENT, SECTOR-63, FARIDABAD - 121004, OCCUPATION-SERVICE	1*3*2*3*	1 Equity,0 Preference	ARVIND KUMAR	23/06/2025
5	JASPAL SINGH KUSHWAHA S/O MITHAI LAL KUSHWAHA NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O C-64/ FIRST FLOOR, JVTS GARDEN CHATTARPUR EXTENSION South West Delhi 110074 OCCUPATION-SERVICE	1*3*2*3*	1 Equity,0 Preference	Jaspal Singh Kushwaha	23/06/2025
6	MUKUL AGARWAL S/O RAJESH KUMAR NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O HOUSE NO. 767, SECOND FLOOR, ANSAL C-2 BLOCK, NEAR WATER TANK ANSAL PLAZA SECTOR-3 PALAMVIHAR, GURGAON- 1 22017, HARYANA OCCUPATION-SERVICE	1*3*2*8*	1 Equity,0 Preference	MUKUL AGARWAL	23/06/2025

7	CHILAKAMARRI VENKATA LAKSHAMANA CHARYULU S/O SRIMANNARAYAN CHARYULU CHILKAMARRI NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O PLOT NO.1, NORTHSTAR AIRPORT BOULEVARD, TUKKAGUDA, MAHESHRAM MANDAL, RANGAREDDY DISTRICT, ANDRA PRADESH-501359 OCCUPATION-SERVICE	1*7*2*3*	1 Equity,0 Preference	Chilakamarri Venkata Lakshmana Charyulu	23/06/2025
Total shares taken			50000 Equity,0 Preference		

Signed before me

Membership type of the witness *(ACA/FCA/ACS/FCS/ACMA/FCMA)*	***Name of the witness**	***Address, Description and Occupation**	**DIN / PAN / Passport number / Membership number**	**DSC**	**Dated**
FCA	VINAY KUMAR	A-805, NX BYTET-3, NX ONE, TECH ZONE - IV, GREATER NOIDA WEST -201318	4*2*9*	Vinay Kumar	23/06/2025

7 Shri / Smt _____ _____ Of _____ resident of _____ aged _____ years shall be the nominee in the event of death of the sole member.

Form No. INC-34

e-AOA (e-Articles of Association)

[Pursuant to Section 5 of the Companies Act, 2013 and rules made thereunder read with Schedule I]



Form language

(•) English ( ) Hindi

Refer instruction kit for filing the form

*All fields marked in * are mandatory*

Table applicable to company as notified under schedule I of the Companies Act, 2013 *(F, G, H)*

F

Table F / G / H (basis on the selection of above-mentioned field) as notified under schedule I of the companies Act, 2013 is applicable to

(F – a company limited by shares
G– a company limited by guarantee and having a share capital
H – a company limited by guarantee and not having share capital)

F - A COMPANY LIMITED BY SHARES

The name of the company is

SAKOLI POWER TRANSMISSION LIMITED

Check if not applicable	Check if altered	Article No.	Description
			Interpretation
☐	☑	I	• (1) In these regulations-(a) the Act means the Companies Act 2013 (b) the sealmeans the common seal of the company. (2) Unless the context otherwiserequires words or expressions contained in these regulations shall bear thesame meaning as in the Act or any statutory modification thereof in force atthe date at which these regulations become binding on the company. (3)Public company means a company which- (a) is not a private company (b) has a minimum paid-up share capital as maybe prescribed Provided that a company which is a subsidiary of a company notbeing a private company shall be deemed to be public company for the purposesof this Act even where such subsidiary company continues to be a privatecompany in its articles.
			Share Capital and Variation of rights
☐	☐	II 1	• Subject to the provisions of the Act and these Articles the shares in the capital of the company shall be under the control of the Directors who may issue allot or otherwise dispose of the same or any of them to such persons in such proportion and on such terms and conditions and either at a premium or at par and at such time as they may from time to time think fit.
☐	☐	2	• Every person whose name is entered as a member in the register of members shall be entitled to receive within two months after incorporation in case of subscribers to the memorandum or after allotment or within one month after the application for the registration of transfer or transmission or within such other period as the conditions of issue shall be provided one certificate for all his shares without payment of any charges or several certificateseach for one or more of his sharesupon payment of twenty rupees for each certificate after the first. Every certificate shall be under the seal and shall specify the shares to which it relates and the amount paid - up thereon. In respect of any share or shares held

		jointly by several persons the company shall not be bound to issue more than one certificate and delivery of a certificate for a share to one of several joint holders shall be sufficient delivery to all such holders
☐ ☐	3	• If any share certificate be worn out defaced mutilated or torn or if there be no further space on the back for endorsement of transfer then upon production and surrender thereof to the company a new certificate may be issued in lieu thereof and if any certificate is lost or destroyed then upon proof thereof to the satisfaction of the company and on execution of such indemnity as the company deem adequate a new certificate in lieu thereof shall be given. Every certificate under this Article shall be issued on payment of twenty rupees for each certificate. The provisions of Articles(2) and(3) shall mutatis mutandis apply to debentures of the company.
☐ ☐	4	• Except as required by law no person shall be recognised by the company as holding any share upon any trust and the company shall not be bound by or be compelled in any way to recognise (even when having notice thereof) any equitable contingent future or partial interest in any share or any interest in any fractional part of a share or (except only as by these regulations or by law otherwise provided) any other rights in respect of any share except an absolute right to the entirety thereof in the registered holder.
☐ ☐	5	• The company may exercise the powers of paying commissions conferred by sub-section (6) of section 40 provided that the rate per cent or the amount of the commission paid or agreed to be paid shall be disclosed in the manner required by that section and rules made thereunder. The rate or amount of the commission shall not exceed the rate or amount prescribed in rules made under sub-section (6) of section 40. The commission may be satisfied by the payment of cash or the allotment of fully or partly paid shares or partly in the one way and partly in the other.
☐ ☐	6	• If at any time the share capital is divided into different classes of shares the rights attached to any class (unless otherwise provided by the terms of issue of the shares of that class) may subject to the provisions of section 48 and whether or not the company is being wound up be varied with the consent in writing of the holders of three-fourths of the issued shares of that class or with the sanction of a special resolution passed at a separate meeting of the holders of the shares of that class. To every such separate meeting the provisions of these regulations relating to general meetings shall mutatis mutandis apply but so that the necessary quorum shall be at least two persons holding at least one-third of the issued shares of the class in question.
☐ ☐	7	• The rights conferred upon the holders of the shares of any class issued with preferred or other rights shall not unless otherwise expressly provided by the terms of issue of the shares of that class be deemed to be varied by the creation or issue of further shares ranking pari passu therewith.
☐ ☐		• Subject to the provisions of section 55 any preference shares may with the sanction of an ordinary resolution

			be issued on the terms that they are to be redeemed on such terms and in such manner as the company before the issue of the shares may by special resolution determine.
			Lien
☐	☐	9	• The company shall have a first and paramount lienon every share (not being a fully paid share) for all monies (whether presently payable or not) called or payable at a fixed time in respect of that share and on all shares (not being fully paid shares) standing registered in the name of a single person for all monies presently payable by him or his estate to the companyProvided that the Board of directors may at any time declare any share to be wholly or in part exempt from the provisions of this clause. The companys lien if any on a share shall extend to all dividends payable and bonuses declared from time to time in respect of such shares.
☐	☐	10	• The company may sell in such manner as the Board thinks fit any shares on which the company has a lienProvided that no sale shall be madea unless a sum in respect of which the lien exists is presently payable or b until the expiration of fourteen days after a notice in writing stating and demanding payment of such part of the amount in respect of which the lien exists as is presently payable has been given to the registered holder for the time being of the share or the person entitled thereto by reason of his death or insolvency.
☐	☐	11	• To give effect to any such sale the Board may authorise some person to transfer the shares sold to the purchaser thereof The purchaser shall be registered as the holder of the shares comprised in any such transfer. The purchaser shall not be bound to see to the application of the purchase money nor shall his title to the shares be affected by any irregularity or invalidity in the proceedings in reference to the sale.
☐	☐	12	• The proceeds of the sale shall be received by the company and applied in payment of such part of the amount in respect of which the lien exists as is presently payable. The residue if any shall subject to a like lien for sums not presently payable as existed upon the shares before the sale be paid to the person entitled to the shares at the date of the sale.
			Calls on shares
☐	☐	13	• The Board may from time to time make calls upon the members in respect of any monies unpaid on their shares (whether on account of the nominal value of the shares or by way of premium) and not by the conditions of allotment thereof made payable at fixed timesProvided that no call shall exceed one-fourth of the nominal value of the share or be payable at less than one month from the date fixed for the payment of the last preceding call. Each member shall subject to receiving at least fourteen days notice specifying the time or times and place of payment pay to the company at the time or times and place so specified the amount called on his shares. A call may be revoked or postponed at the discretion of the Board.

☐ ☐	14	• A call shall be deemed to have been made at the time when the resolution of the Board authorizing the call was passed and may be required to be paid by instalments.
☐ ☐	15	• The joint holders of a share shall be jointly and severally liable to pay all calls in respect thereof.
☐ ☐	16	• If a sum called in respect of a share is not paid before or on the day appointed for payment thereof the person from whom the sum is due shall pay interest thereon from the day appointed for payment thereof to the time of actual payment at ten per cent per annum or at such lower rate if any as the Board may determine. The Board shall be at liberty to waive payment of any such interest wholly or in part.
☐ ☐	17	• Any sum which by the terms of issue of a share becomes payable on allotment or at any fixed date whether on account of the nominal value of the share or by way of premium shall for the purposes of these regulations be deemed to be a call duly made and payable on the date on which by the terms of issue such sum becomes payable. In case of non-payment of such sum all the relevant provisions of these regulations as to payment of interest and expenses forfeiture or otherwise shall apply as if such sum had become payable by virtue of a call duly made and notified.
☐ ☐	18	• The Board - a. may if it thinks fit receive from any member willing to advance the same all or any part of the monies uncalled and unpaid upon any shares held by him andb. upon all or any of the monies so advanced may (until the same would but for such advance become presently payable) pay interest at such rate not exceeding unless the company in general meeting shall otherwise direct twelve per cent per annum as may be agreed upon between the Board and the member paying the sum in advance.
		Transfer of shares
☐ ☐	19	• The instrument of transfer of any share in the company shall be executed by or on behalf of both the transferor and transferee. The transferor shall be deemed to remain a holder of the share until the name of the transferee is entered in the register of members in respect thereof.
☐ ☐	20	• The Board may subject to the right of appeal conferred by section 58 decline to register the transfer of a share not being a fully paid share to a person of whom they do not approve or any transfer of shares on which the company has a lien.
☐ ☐	21	• The Board may decline to recognise any instrument of transfer unlessa. the instrument of transfer is in the form as prescribed in rules made under sub-section (1) of section 56b. the instrument of transfer is accompanied by the certificate of the shares to which it relates and such other evidence as the Board may reasonably require to show the right of the transferor to make the transfer andc. the instrument of transfer is in respect of only one class of shares.
☐ ☐		• On giving not less than seven days previous notice in accordance with section 91 and rules made thereunder the registration of transfers may be suspended at such

			times and for such periods as the Board may from time to time determineProvided that such registration shall not be suspended for more than thirty days at any one time or for more than forty-five days in the aggregate in any year.
			Transmission of shares
☐	☐	23	• On the death of a member the survivor or survivors where the member was a joint holder and his nominee or nominees or legal representatives where he was a sole holder shall be the only persons recognised by the company as having any title to his interest in the shares Nothing in clause (i) shall release the estate of a deceased joint holder from any liability in respect of any share which had been jointly held by him with other persons.
☐	☐	24	• Any person becoming entitled to a share in consequence of the death or insolvency of a member may upon such evidence being produced as may from time to time properly be required by the Board and subject as hereinafter provided elect either to be registered himself as holder of the share or to make such transfer of the share as the deceased or insolvent member could have made. The Board shall in either case have the same right to decline or suspend registration as it would have had if the deceased or insolvent member had transferred the share before his death or insolvency.
☐	☐	25	• If the person so becoming entitled shall elect to be registered as holder of the share himself he shall deliver or send to the company a notice in writing signed by him stating that he so elects. If the person aforesaid shall elect to transfer the share he shall testify his election by executing a transfer of the share. All the limitations restrictions and provisions of these regulations relating to the right to transfer and the registration of transfers of shares shall be applicable to any such notice or transfer as aforesaid as if the death or insolvency of the member had not occurred and the notice or transfer were a transfer signed by that member.
☐	☐	26	• A person becoming entitled to a share by reason of the death or insolvency of the holder shall be entitled to the same dividends and other advantages to which he would be entitled if he were the registered holder of the share except that he shall not before being registered as a member in respect of the share be entitled in respect of it to exercise any right conferred by membership in relation to meetings of the company Provided that the Board may at any time give notice requiring any such person to elect either to be registered himself or to transfer the share and if the notice is not complied with within ninety days the Board may thereafter withhold payment of all dividends bonuses or other monies payable in respect of the share until the requirements of the notice have been complied with.
☑	☐		• In case of a One Person Company on the death of the sole member the person nominated by such member shall be the person recognised by the company as having title to all the shares of the member the nominee on becoming entitled to such shares in case of the members death shall be informed of such event by the

			Board of the company such nominee shall be entitled to the same dividends and other rights and liabilities to which such sole member of the company was entitled or liable on becoming member such nominee shall nominate any other person with the prior written consent of such person who shall in the event of the death of the member become the member of the company.
			Forfeiture of shares
☐	☐	28	• If a member fails to pay any call or instalment of a call on the day appointed for payment thereof the Board may at any time thereafter during such time as any part of the call or instalment remains unpaid serve a notice on him requiring payment of so much of the call or instalment as is unpaid together with any interest which may have accrued.
☐	☐	29	• The notice aforesaid shall name a further day (not being earlier than the expiry of fourteen days from the date of service of the notice) on or before which the payment required by the notice is to be made and state that in the event of non-payment on or before the day so named the shares in respect of which the call was made shall be liable to be forfeited.
☐	☐	30	• If the requirements of any such notice as aforesaid are not complied with any share in respect of which the notice has been given may at any time thereafter before the payment required by the notice has been made be forfeited by a resolution of the Board to that effect.
☐	☐	31	• A forfeited share may be sold or otherwise disposed of on such terms and in such manner as the Board thinks fit.At any time before a sale or disposal as aforesaid the Board may cancel the forfeiture on such terms as it thinks fit.
☐	☐	32	• A person whose shares have been forfeited shall cease to be a member in respect of the forfeited shares but shall notwithstanding the forfeiture remain liable to pay to the company all monies which at the date of forfeiture were presently payable by him to the company in respect of the shares. The liability of such person shall cease if and when the company shall have received payment in full of all such monies in respect of the shares.
☐	☐	33	• A duly verified declaration in writing that the declarant is a director the manager or the secretary of the company and that a share in the company has been duly forfeited on a date stated in the declaration shall be conclusive evidence of the facts therein stated as against all persons claiming to be entitled to the share The company may receive the consideration if any given for the share on any sale or disposal thereof and may execute a transfer of the share in favour of the person to whom the share is sold or disposed of The transferee shall thereupon be registered as the holder of the share and The transferee shall not be bound to see to the application of the purchase money if any nor shall his title to the share be affected by any irregularity or invalidity in the proceedings in reference to the forfeiture sale or disposal of the share.
☐	☐		• The provisions of these regulations as to forfeiture shall apply in the case of non-payment of any sum which by

			the terms of issue of a share becomes payable at a fixed time whether on account of the nominal value of the share or by way of premium as if the same had been payable by virtue of a call duly made and notified.
			Alteration of capital
☐	☐	35	• The company may from time to time by ordinary resolution increase the share capital by such sum to be divided into shares of such amount as may be specified in the resolution.
☐	☐	36	• Subject to the provisions of section 61 the company may by ordinary resolution consolidate and divide all or any of its share capital into shares of larger amount than its existing shares convert all or any of its fully paid-up shares into stock and reconvert that stock into fully paid-up shares of any denomination sub-divide its existing shares or any of them into shares of smaller amount than is fixed by the memorandum cancel any shares which at the date of the passing of the resolution have not been taken or agreed to be taken by any person.
☐	☐	37	• Where shares are converted into stock the holders of stock may transfer the same or any part thereof in the same manner as and subject to the same regulations under which the shares from which the stock arose might before the conversion have been transferred or as near thereto as circumstances admit Provided that the Board may from time to time fix the minimum amount of stock transferable so however that such minimum shall not exceed the nominal amount of the shares from which the stock arose. the holders of stock shall according to the amount of stock held by them have the same rights privileges and advantages as regards dividends voting at meetings of the companyand other matters as if they held the shares from which the stock arose but no such privilege or advantage (except participation in the dividends and profits of the company and in the assets on winding up) shall be conferred by an amount of stock which would not if existing in shares have conferred that privilege or advantage. such of the regulations of the company as are applicable to paid-up shares shall apply to stock and the words share and shareholder in those regulations shall include stock and stock-holder respectively.
☐	☐	38	• The company may by special resolution reduce in any manner and with and subject to any incident authorised and consent required by law it share capital any capital redemption reserve account or any share premium account.
			Capitalisation of profits
☐	☐		• The company in general meeting may upon the recommendation of the Board resolve that it is desirable to capitalise any part of the amount for the time being standing to the credit of any of the companys reserve accounts or to the credit of the profit and loss accountor otherwise available for distribution and that such sum be accordingly set free for distribution in the manner specified in clause (ii) amongst the members who would have been entitled thereto if distributed by way of dividend and in the same proportions. The sum aforesaid shall not be paid in cash but shall be applied subject to

			the provision contained in clause (iii) either in or towards paying up any amounts for the time being unpaid on any shares held by such members respectively paying up in full unissued shares of the company to be allotted and distributed credited as fully paid-up to and amongst such members in the proportions aforesaid partly in the way specified in sub-clause (A) and partly in that specified in sub-clause (B) A securities premium account and a capital redemption reserve account may for the purposes of this regulation be applied in the paying up of unissued shares to be issued to members of the company as fully paid bonus shares The Board shall give effect to the resolution passed by the company in pursuance of this regulation.
☐	☐	40	• Whenever such a resolution as aforesaid shall have been passed the Board shall make all appropriations and applications of the undivided profits resolved to be capitalised thereby and all allotments and issues of fully paid shares if any and generally do all acts and things required to give effect thereto. The Board shall have power to make such provisions by the issue of fractional certificates or by payment in cash or otherwise as it thinks fit for the case of shares becoming distributable in fractions and to authorise any person to enter on behalf of all the members entitled thereto into an agreement with the company providing for the allotment to them respectively credited as fully paid-up of any further shares to which they may be entitled upon such capitalisation or as the case may require for the payment by the company on their behalf by the application thereto of their respective proportions of profits resolved to be capitalised of the amount or any part of the amounts remaining unpaid on their existing shares Any agreement made under such authority shall be effective and binding on such members
			Buy-back of shares
☐	☐	41	• Notwithstanding anything contained in these articles but subject to the provisions of sections 68 to 70 and any other applicable provision of the Act or any other law for the time being in force the company may purchase its own shares or other specified securities.
			General meetings
☐	☐	42	• All general meetings other than annual general meeting shall be called extraordinary general meeting.
☐	☐	43	• The Board may whenever it thinks fit call an extraordinary general meeting. If at any time directors capable of acting who are sufficient in number to form a quorum are not within India any director or any two members of the company may call an extraordinary general meeting in the same manner as nearly as possible as that in which such a meeting may be called by the Board.
			Proceedings at general meetings
☐	☐	44	• No business shall be transacted at any general meeting unless a quorum of members is present at the time when the meeting proceeds to business. Save as otherwise provided herein the quorum for the general meetings shall be as provided in section 103.

☐	☐	45	• The chairperson if any of the Board shall preside as Chairperson at every general meeting of the company.
☐	☐	46	• If there is no such Chairperson or if he is not present within fifteen minutes after the time appointed for holding the meeting or is unwilling to act as chairperson of the meeting the directors present shall elect one of their members to be Chairperson of the meeting.
☐	☐	47	• If at any meeting no director is willing to act as Chairperson or if no director is present within fifteen minutes after the time appointed for holding the meeting the members present shall choose one of their members to be Chairperson of the meeting.
☑	☐	48	• In case of a One Person Company the resolution required to be passed at the general meetings of the company shall be deemed to have been passed if the resolution is agreed upon by the sole member and communicated to the company and entered in the minutes book maintained under section 118 such minutes book shall be signed and dated by the member the resolution shall become effective from the date of signing such minutes by the sole member.
			Adjournment of meeting
☐	☐	49	• The Chairperson may with the consent of any meeting at which a quorum is present and shall if so directed by the meeting adjourn the meeting from time to time and from place to place. No business shall be transacted at any adjourned meeting other than the business left unfinished at the meeting from which the adjournment took place. When a meeting is adjourned for thirty days or more notice of the adjourned meeting shall be given as in the case of an original meeting. Save as aforesaid and as provided in section 103 of the Act it shall not be necessary to give any notice of an adjournment or of the business to be transacted at an adjourned meeting.
			Voting rights
☐	☐	50	• Subject to any rights or restrictions for the time being attached to any class or classes of shares on a show of hands every member present in person shall have one vote and on a poll the voting rights of members shall be in proportion to his share in the paid-up equity share capital of the company.
☐	☐	51	• A member may exercise his vote at a meeting by electronic means in accordance with section 108 and shall vote only once.
☐	☐	52	• In the case of joint holders the vote of the senior who tenders a vote whether in person or by proxy shall be accepted to the exclusion of the votes of the other joint holders. For this purpose seniority shall be determined by the order in which the names stand in the register of members.
☐	☐	53	• A member of unsound mind or in respect of whom an order has been made by any court having jurisdiction in lunacy may vote whether on a show of hands or on a poll by his committee or other legal guardian and any such committee or guardian may on a poll vote by proxy.

☐	☐	54	• Any business other than that upon which a poll has been demanded maybe proceeded with pending the taking of the poll.
☐	☐	55	• No member shall be entitled to vote at any general meeting unless all calls or other sums presently payable by him in respect of shares in the company have been paid
☐	☐	56	• No objection shall be raised to the qualification of any voter except at the meeting or adjourned meeting at which the vote objected to is given or tendered and every vote not disallowed at such meeting shall be valid for all purposes. Any such objection made in due time shall be referred to the Chairperson of the meeting whose decision shall be final and conclusive.
			Proxy
☐	☐	57	• The instrument appointing a proxy and the power-of-attorney or other authority if any under which it is signed or a notarised copy of that power or authority shall be deposited at the registered office of the company not less than 48 hours before the time for holding the meeting or adjourned meeting at which the person named in the instrument proposes to vote or in the case of a poll not less than 24 hours before the time appointed for the taking of the poll and in default the instrument of proxy shall not be treated as valid.
☐	☐	58	• An instrument appointing a proxy shall be in the form as prescribed in the rules made under section 105
☐	☐	59	• A vote given in accordance with the terms of an instrument of proxy shall be valid notwithstanding the previous death or insanity of the principal or the revocation of the proxy or of the authority under which the proxy was executed or the transfer of the shares in respect of which the proxy is givenProvided that no intimation in writing of such death insanity revocation or transfer shall have been received by the company at its office before the commencement of the meeting or adjourned meeting at which the proxy is used.
			Board of Directors
☐	☑		• The day to daymanagement of the business of the Company shall be vested with the Board ofDirectors of the Company or such person(s) as may be authorized by the Boardfrom time to time. The Board may exercise all such powers of the Company and doall such acts deeds and things as are not prohibited by the Act or any otherlaw for the time being in force or by the Memorandum of Association of theCompany and without prejudice to the foregoing shall be responsible for allpolicy matters and the supervision direction and control of the conduct of thebusiness affairs and operations of the Company. (i) The first Directors of the Companyshall be 1.NAVITA DUBAL 2. NEERAJKUMAR VIJAY SHARMA 3. ARUN KUMAR CHATURVEDI (ii) At everyannual general meeting one-third of such of the directors for the time beingas are liable to retire by rotation or if their number is neither three nor amultiple of three then the number nearest to one-third shall retire fromoffice. (iii) The directors to retire by rotation at every annual generalmeeting shall be those who have been

		60	longest in office since their lastappointment but as between persons who became directors on the same day thosewho are to retire shall in default of and subject to any subject to anyagreement among themselves be determined by lot (iv) At annual general meetingat which a director retires as aforesaid the company may fill up the vacancyby appointing the retiring director or some other person thereto. The Board ofDirectors of the Company shall consist of not less than 3 but not more than 15Directors. The appointment of Directors including the Chairman ManagingDirector Whole time Director Part-time Director shall be done in the GeneralMeetings in accordance with the provisions of the Companies Act 2013 and Rulesmade thereunder and shall be eligible for reappointment. However till theCompany is a Government Company REC Power Development and Consultancy Limited(RECPDCL)- the holding company shall have the full powers to recommend nominate the name of any Directors to be appointed on the Board of the Company.Further RECPDCL shall also have the power to remove any director from officeat any time in its absolute discretion. RECPDCL shall also have the right tofill any vacancies in the office of director caused by removal resignationdeath or otherwise. Subject to provisions of the Act the Company may bypassing the resolution in General Meeting increasedecrease the maximum numberof Directors and may alter their qualification. Further the Company maysubject to the provisions of the Act remove any Director before the expirationof his period of office and appoint another person in place of him. The Boardmay appoint any person to act as alternate director for a Director during thelaters absence for a period of not less than three months from India and suchappointment shall have effect and such appointee whilst he holds office as analternate director shall be entitled to notice of meeting of the Board and toattend and vote there at accordingly but he shall not require anyqualification and shall ipso facto vacate office if and when the absentDirector returns to India. Casual vacancies among Directors may be filled bythe Board of Directors at their meeting and any person so appointed shall holdthe office as per the provision of section 161 of the Act. Subject to theprovisions of Section 161 and other applicable provisions (if any) of the Actthe Board shall have power at any time and from time to time to appoint aperson as an Additional Director but so that the total number of Directorsshall not at any time exceed the maximum number fixed by these Articles. TheAdditional Director so appointed shall retire from Office at next annualGeneral Meeting but shall be eligible for election by the company at that meetingas a Director.
☐	☐	61	• The remuneration of the directors shall in so far as it consists of a monthly payment be deemed to accrue from day-to-day. In addition to the remuneration payable to them in pursuance of the Act the directors may be paid all travelling hotel and other expenses properly incurred by them in attending and returning from meetings of the Board of Directors or any committee thereof or general meetings of the company or in connection with the business of the company.
☐	☐	62	• The Board may pay all expenses incurred in getting up and registering the company.

☐	☐	63	• The company may exercise the powers conferred on it by section 88 with regard to the keeping of a foreign register and the Board may (subject to the provisions of that section) make and vary such regulations as it may think fit respecting the keeping of any such register.
☐	☐	64	• All cheques promissory notes drafts hundis bills of exchange and other negotiable instruments and all receipts for monies paid to the company shall be signed drawn accepted endorsed or otherwise executed as the case may be by such person and in such manner as the Board shall from time to time by resolution determine
☐	☐	65	• Every director present at any meeting of the Board or of a committee thereof shall sign his name in a book to be kept for that purpose.
☐	☐	66	• Subject to the provisions of section 149 the Board shall have power at any time and from time to time to appoint a person as an additional director provided the number of the directors and additional directors together shall not at any time exceed the maximum strength fixed for the Board by the articles. Such person shall hold office only up to the date of the next annual general meeting of the company but shall be eligible for appointment by the company as a director at that meeting subject to the provisions of the Act.
			Proceedings of the Board
☐	☐	67	• The Board of Directors may meet for the conduct of business adjourn and otherwise regulate its meetings as it thinks fit. A director may and the manager or secretary on the requisition of a director shall at any time summon a meeting of the Board.
☐	☐	68	• Save as otherwise expressly provided in the Act questions arising at any meeting of the Board shall be decided by a majority of votes. In case of an equality of votes the Chairperson of the Board if any shall have a second or casting vote.
☐	☐	69	• The continuing directors may act notwithstanding any vacancy in the Board but if and so long as their number is reduced below the quorum fixed by the Act for a meeting of the Board the continuing directors or director may act for the purpose of increasing the number of directors to that fixed for the quorum or of summoning a general meeting of the company but for no other purpose.
☐	☐	70	• The Board may elect a Chairperson of its meetings and determine the period for which he is to hold office. If no such Chairperson is elected or if at any meeting the Chairperson is not present within five minutes after the time appointed for holding the meeting the directors present may choose one of their number to be Chairperson of the meeting.
☐	☐	71	• The Board may subject to the provisions of the Act delegate any of its powers to committees consisting of such member or members of its body as it thinks fit. Any committee so formed shall in the exercise of the powers so delegated conform to any regulations that may be imposed on it by the Board.

☐	☐	72	• A committee may elect a Chairperson of its meetings. If no such Chairperson is elected or if at any meeting the Chairperson is not present within five minutes after the time appointed for holding the meeting the memberspresent may choose one of their members to be Chairperson of the meeting.
☐	☐	73	• A committee may meet and adjourn as it thinks fit. Questions arising at any meeting of a committee shall be determined by a majority of votes of the members present and in case of an equality of votes the Chairperson shall have a second or casting vote.
☐	☐	74	• All acts done in any meeting of the Board or of a committee thereof or by any person acting as a director shall notwithstanding that it may be afterwards discovered that there was some defect in the appointment of any one or more of such directors or of any person acting as aforesaid or that they or any of them were disqualified be as valid as if every such director or such person had been duly appointed and was qualified to be a director.
☐	☐	75	• Save as otherwise expressly provided in the Act a resolution in writing signed by all the members of the Board or of a committee thereof for the time being entitled to receive notice of a meeting of the Board or committee shall be valid and effective as if it had been passed at a meeting of the Board or committee duly convened and held.
☑	☐	76	• In case of a One Person Company where the company is having only one director all the businesses to be transacted at the meeting of the Board shall be entered into minutes book maintained under section 118 such minutes book shall be signed and dated by the director the resolution shall become effective from the date of signing such minutes by the director.
			Chief Executive Officer, Manager, Company Secretary or Chief Financial Officer
☐	☐	77	• Subject to the provisions of the Act A chief executive officer manager company secretary or chief financial officer may be appointed by the Board for such term at such remuneration and upon such conditions as it may think fit and any chief executive officer manager company secretary or chief financial officer so appointed may be removed by means of a resolution of the Board A director may be appointed as chief executive officer manager company secretary or chief financial officer
☐	☐	78	• A provision of the Act or these regulations requiring or authorising a thing to be done by or to a director and chief executive officer manager company secretary or chief financial officer shall not be satisfied by its being done by or to the same person acting both as director and as or in place of chief executive officer manager company secretary or chief financial officer.
			The Seal
☐	☐		• The Board shall provide for the safe custody of the seal. The seal of the company shall not be affixed to any instrument except by the authority of a resolution of the Board or of a committee of the Board authorised by it in

			that behalf and except in the presence of at least two directors and of the secretary or such other person as the Board may appoint for the purpose and those two directors and the secretary or other person aforesaid shall sign every instrument to which the seal of the company is so affixed in their presence.
			Dividends and Reserve
☐	☐	80	• The company in general meeting may declare dividends but no dividend shall exceed the amount recommended by the Board.
☐	☐	81	• Subject to the provisions of section 123 the Board may from time to time pay to the members such interim dividends as appear to it to be justified by the profits of the company.
☐	☐	82	• The Board may before recommending any dividend set aside out of the profits of the company such sums as it thinks fit as a reserve or reserves which shall at the discretion of the Board be applicable for any purpose to which the profits of the company may be properly applied including provision for meeting contingencies or for equalizing dividends and pending such application may at the like discretion either be employed in the business of the company or be invested in such investments (other than shares of the company) as the Board may from time to time thinks fit. The Board may also carry forward any profits which it may consider necessary not to divide without setting them aside as a reserve
☐	☐	83	• Subject to the rights of persons if any entitled to shares with special rights as to dividends all dividends shall be declared and paid according to the amounts paid or credited as paid on the shares in respect whereof the dividend is paid but if and so long as nothing is paid upon any of the shares in the company dividends may be declared and paid according to the amounts of the shares. No amount paid or credited as paid on a share in advance of calls shall be treated for the purposes of this regulation as paid on the share. All dividends shall be apportioned and paid proportionately to the amounts paid or credited as paid on the shares during any portion or portions of the period in respect of which the dividend is paid but if any share is issued on terms providing that it shall rank for dividend as from a particular date such share shall rank for dividend accordingly.
☐	☐	84	• The Board may deduct from any dividend payable to any member all sums of money if any presently payable by him to the company on account of calls or otherwise in relation to the shares of the company.
☐	☐	85	• Any dividend interest or other monies payable in cash in respect of shares may be paid by cheque or warrant sent through the post directed to the registered address of the holder or in the case of joint holders to the registered address of that one of the joint holders who is first named on the register of members or to such person and to such address as the holder or joint holders may in writing direct. Every such cheque or warrant shall be made payable to the order of the person to whom it is sent.

☐	☐	86	• Any one of two or more joint holders of a share may give effective receipts for any dividends bonuses or other monies payable in respect of such share.
☐	☐	87	• Notice of any dividend that may have been declared shall be given to the persons entitled to share therein in the manner mentioned in the Act.
☐	☐	88	• No dividend shall bear interest against the company.
			Accounts
☐	☐	89	• The Board shall from time to time determine whether and to what extent and at what times and places and under what conditions or regulations the accounts and books of the company or any of them shall be open to the inspection of members not being directors. No member (not being a director) shall have any right of inspecting any account or book or document of the company except as conferred by law or authorised by the Board or by the company in general meeting.
			Winding up
☐	☐	90	• Subject to the provisions of Chapter XX of the Act and rules made thereunder If the company shall be wound up the liquidator may with the sanction of a special resolution of the company and any other sanction required by the Act divide amongst the members in specie or kind the whole or any part of the assets of the company whether they shall consist of property of the same kind or not. For the purpose aforesaid the liquidator may set such value as he deems fair upon any property to be divided as aforesaid and may determine how such division shall be carried out as between the members or different classes of members. The liquidator may with the like sanction vest the whole or any part of such assets in trustees upon such trusts for the benefit of the contributories if he considers necessary but so that no member shall be compelled to accept any shares or other securities whereon there is any liability.
			Indemnity
☐	☐	91	• Every officer of the company shall be indemnified out of the assets of the company against any liability incurred by him in defending any proceedings whether civil or criminal in which judgment is given in his favour or in which he is acquitted or in which relief is granted to him by the court or the Tribunal.
			Others
☐	☐	92	•

Subscriber Details

S. No.	Subscriber Details				
	***Name, Address, Description and Occupation**	**DIN / PAN / Passport number**	***Place**	**DSC**	**Dated**
1	REC POWER DEVELOPMENT AND CONSULTANCY LIMI	0*7*2*1*	NEW DELHI	Thangarajan Subash Chandra Bosh	23/06/2025

	TED, CORE-4, SCOPE COMPLEX, 7, LODHI ROAD, NEW DELHI- 110003, THROUGH ITS CEO THANGARAJAN SUBASH CHANDIRA BOSH S/O SITHAN THANGARAJAN R/O APARTMENT NO S-2, MIDDLE PORTION 2-B, JANGPURA, MATHURA ROAD, NEW DELHI-110014, OCCUPATION-SERVICE				
2	ANIL KUMAR PERALA S/O VENKATESHAM PERALA NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O A302 TARIKA APPARTMENT, SECTOR-43 GURGAON HARYANA-122001 OCCUPATION-SERVICE	B*V*P*1*2*	NEW DELHI	Perala Anil Kumar	23/06/2025
3	ARVIND KUMAR S/O NAND KISHOR SINGH NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O T4-8A, SAI VATIKA APARTMENT, SECTOR-63, FARIDABAD - 121004, OCCUPATION-SERVICE	1*3*2*3*	NEW DELHI	ARVIND KUMAR	23/06/2025
4	JASPAL SINGH KUSHWAHA S/O MITHAI LAL KUSHWAHA NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O C-64/ FIRST FLOOR, JVTS GARDEN CHATTARPUR EXTENSION South West Delhi 110074 OCCUPATION-SERVICE	1*3*2*3*	NEW DELHI	Jaspal Singh Kushwaha	23/06/2025
5	MUKUL AGARWAL S/O RAJESH KUMAR NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O HOUSE NO. 767, SECOND FLOOR, ANSAL C-2 BLOCK, NEAR WATER TANK ANSAL PLAZA SECTOR-3 PALAMVIHAR, GURGAON- 122017, HARYANA OCCUPATION-SERVICE	1*3*2*8*	NEW DELHI	MUKUL AGARWAL	23/06/2025
6	CHILAKAMARRI VENKATA LAKSHAMANA CHARYULU S/O SRIMANNARAYAN CHARYULU CHILKAMARRI NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O PLOT NO.1, NORTHSTAR AIRPORT BOULEVARD, TUKKAGUDA, MAHESHRAM MANDAL, RANGA REDDY DISTRICT, ANDRA PRADESH- 501359 OCCUPATION-SERVICE	1*7*2*3*	NEW DELHI	Chilakamarri Venkata Lakshmana Charyulu	23/06/2025

7	NAVITA DUBAL D/O PHOOL SINGH NOMINEE OF REC POWER DEVELOPMENT AND CONSULTANCY LIMITED R/O FLAT NO. 307, GAUR GANGA-1 APARTMENT, SECTOR-4, BEHIND VAISHALI METRO STATION, VAISHALI GHAZIABAD UTTAR PRADESH- 201010 OCCUPATION-SERVICE	1*1*8*8*	NEW DELHI	Navita Dubal 	23/06/2025

Signed before me						
Name Prefix *(ACA/FCA/ACS/ FCS/ACMA/ FCMA)*	***Name of the witness**	***Address, Description and Occupation**	***DIN / PAN / Passport number / Membership**	***Place**	**DSC**	**Dated**
FCA	VINAY KUMAR	A-805, NX BYTE T-3, NX ONE, TECH ZONE - IV, GREATER NOIDA WEST -201318	4*2*9*	NEW DELHI	Vinay Kumar 	23/06/2025



Survey Report & RA Drawings

for

Establishment of 4OO/22O/132 kV Sakoli (Dist. Bhandara)

REC Power Development and Consultancy Limited
(*a wholly owned subsidiary of REC Limited*)
Corporate Office: D- Block, REC Corporate Headquarter,
Plot No. I-4, Sector-29, Gurugram-122001
Registered Office: Core 4, Scope Complex, 7,
Lodhi Road, New Delhi – 110003
Website: www.recpdcl.in

DISCLAIMER

Bidders may please note that the Bid Process Coordinator (BPC) has carried out a survey of the Transmission System associated with the Project. While every possible care has been taken in identifying the involvement of forest area/ animal and bird sanctuary/ mines in the proposed routes. However, Bidders in their own interest should carry out required surveys and field investigation for submission of their Bid. For the purpose of carrying out required survey, the address and co-ordinate of each location of sub-station has been provided by the BPC. The coordinate of location of the sub-station is only for the purpose of facilitating Bidders to locate the sub-station and the same should not be considered as the point of termination of transmission line. For exact point of termination of transmission line, the Bidder shall have to coordinate with the agency responsible for construction of sub-station/ switchyard who shall provide the inter- connection facility. Bidders in their own interest should visit the project site to confirm the location of sub-stations and any apprehension in this regard should be brought to the notice of the BPC.

Failure to verify the location of sub-station, investigate the route of the Transmission Lines associated with the Project and to examine, inspect site or subsurface conditions fully shall not be grounds for a Bidder to alter its Bid after the Bid Deadline nor shall it relieve a Bidder from any responsibility for appropriately eliminating the difficulty or costs of successfully completing the Project.

The BPC, its authorized representative, any of the Long Term Transmission Customer(s), nor their directors, employees or advisors/consultants make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions made in the Survey Report, or the accuracy, completeness or reliability of information contained therein, and shall incur no liability under any law, statue, rules or regulations as to the accuracy, reliability or completeness of such survey report, even if any loss or damage is caused to the Bidders by any act or omission on their part.

Table of Contents

Sl. No.	Description	Page No.
	Disclaimer	1-1
	Section: 1	
1.	Scope of Work	5-6
2.	Approach & Methodology	7-8
3.	Geographic Information	9-11
	Section:2	
2	**Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level**	13-13
2.1	Coordinates of the proposed Sakoli (New) Substation	14-15
2.2	Details of the proposed Sakoli (New) Substation	16-19
2.3	Proposed Sakoli (New) substation location map on digital SOI sheets	20-20
	Section:3	
3	**LILO of 400 kV Wardha(PG)- Raipur(PG) 400 kV D/c line at 400/220/132 kV Sakoli (New) – Circuit-1**	22-22
3.1	Coordinates of both end	23-24
3.2	Index Map of Survey of India (SOI) Toposheets	25-26
3.3	Angle Schedule of the Proposed Transmission Route	27-29
3.4	Summary of Proposed Transmission Route	30-38
3.5	Wind Zone Map	39-40
3.6	Result & Conclusions	41-42
3.7	Route Alignment Map on Digitized Toposheet	43-43
	Section:4	
4	**LILO of 400 kV Wardha(PG)- Raipur(PG) 400 kV D/c line at 400/220/132 kV Sakoli (New) – Circuit - 2**	45-45
4.1	Coordinates of both end	46-47
4.2	Index Map of Survey of India (SOI) Toposheets	48-49
4.3	Angle Schedule of the Proposed Transmission Route	50-52
4.4	Summary of Proposed Transmission Route	53-61
4.5	Wind Zone Map	62-63
4.6	Result & Conclusions	64-65
4.7	Route Alignment Map on Digitized Toposheet	66-66
	Section:5	
5	**132 kV D/c line from 132 kV Deori (proposed) to 400/220/132 kV Sakoli (New)**	68-68
5.1	Coordinates of both end	69-70
5.2	Index Map of Survey of India (SOI) Toposheets	71-72
5.3	Angle Schedule of the Proposed Transmission Route	73-81

Sl. No.	Description	Page No.
5.4	Summary of Proposed Transmission Route	82-90
5.5	Wind Zone Map	91-92
5.6	Result & Conclusions	93-94
5.7	Route Alignment Map on Digitized Toposheet	95-95
	Section:6	
6	**132 kV D/c line from 132 kV Sakoli(existing) to 400/220/132 kV Sakoli (New)**	97-97
6.1	Coordinates of both end	98-99
6.2	Index Map of Survey of India (SOI) Toposheets	100-101
6.3	Angle Schedule of the Proposed Transmission Route	102-107
6.4	Summary of Proposed Transmission Route	108-116
6.5	Wind Zone Map	117-118
6.6	Result & Conclusions	119-120
6.7	Route Alignment Map on Digitized Toposheet	121-121
	Section:7	
7	**132 kV D/c line from 132 kV Morgaon Arjuni (existing) to 400/220/132 kV Sakoli (New)**	123-123
7.1	Coordinates of both end	124-125
7.2	Index Map of Survey of India (SOI) Toposheets	126-127
7.3	Angle Schedule of the Proposed Transmission Route	128-134
7.4	Summary of Proposed Transmission Route	135-143
7.5	Wind Zone Map	144-145
7.6	Result & Conclusions	146-147
7.7	Route Alignment Map on Digitized Toposheet	148-148
	Section:8	
8	**220 D/c line from 400/220/132 kV Sakoli(New) to 220 kV Bhandara (existing)**	150-150
8.1	Coordinates of both end	151-152
8.2	Index Map of Survey of India (SOI) Toposheets	153-154
8.3	Angle Schedule of the Proposed Transmission Route	155-163
8.4	Summary of Proposed Transmission Route	164-172
8.5	Wind Zone Map	173-174
8.6	Result & Conclusions	175-176
8.7	Route Alignment Map on Digitized Toposheet	177-177

Section: 1

1 : Scope of Work

SCOPE OF THE TRANSMISSION SCHEME

Name of the Scheme: Establishment of 400/220/132 kV Sakoli (Dist. Bhandara)

Sl. No.	Scope of the Transmission Scheme
1.	Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level. • 400 / 220 kV, 500 MVA, ICTs – 02 Nos. • 400 / 132 kV, 315 MVA, ICTs – 02 Nos. • 400 kV ICT Bays – 04 Nos. • 220 kV ICT Bays – 02 Nos. • 132 kV ICT Bays – 02 Nos. • 400 kV Line Bays – 04 Nos. • 220 kV Line Bays – 02 Nos. • 132 kV Line Bays – 06 Nos. • 220 kV Transfer Bus Coupler- 1 set • 220 kV Bus Coupler-1 No. • 132 kV Bus Coupler-1 No. • 132 kV Transfer Bus Coupler- 1 set **Future Space Provisions:** • 400/132 kV, 315 MVA, ICT-01 No. • 400 kV ICT Bay-1 No. • 132 kV ICT Bay-1 No.
2.	LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)
3.	220 kV D/C line from 400 kV AIS Sakoli (New) to 220 kV Bhandara (existing) • 220 kV line end bays at 220 kV Bhandara (existing)-02 Nos.
4.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Deori (proposed) • 132 kV line end bays at 132 kV Deori (proposed)-02 Nos.
5.	132 kV D/C line from 400 kV AIS Sakoli (New) to 132 kV Sakoli (existing) • 132 kV line end bays at 132 kV Sakoli (existing)-02 Nos.
6.	132 kV D/C line from 400 kV AIS Sakoli (New) to132 kV Morgaon Arjuni (existing) • 132 kV line end bays at 132 kV Morgaon Arjuni (existing) -02 Nos.

2.0 : Approach & Methodology

Approach: Identify the optimal transmission line corridor between the origin and termination points, taking into account the following key constraints:

- Forests and wildlife habitats
- Densely populated areas
- Major crossing such as rivers, railways, highways and other crossings

Methodology: Data Collection & Digitization of Maps: Survey of India TOPO sheets on 1:50,000 scale. All the Survey of India TOPO sheets were geo-referenced with respect to Latitude Longitude of TOPO sheets under following projection system to keep uniformity with respect to GPS co-ordinates:

- Projection **:** UTM
- Spheroid : WGS84
- Datum : WGS84
- Zone : 44
- North or South : North

These were used to update the base map features extracted from TOPO sheets are as follows. The features extracted from SOI TOPO sheets.

- City and village sprawl
- Contours
- Spot Heights and Bench Marks
- Railway lines (MG/BG)
- Metalled Roads (National/State Highways),
- Major Rivers (width > 500 m)
- Canals
- Nallah/Drain crossings
- Forest (Reserved/Protected/Social/Open Scrub)
- Protected areas (Cantonments, Air fields)
- Main power lines (EHV) and other electrical power lines
- Telephone lines
- Angle points
- Lakes, Reservoirs and Ponds
- Swamp
- Air Port/ Air Strip

3.0 : Geographical Information

3.1. Geographical Information Bhandara District:

Bhandara district in Maharashtra is geographically located in the northeastern part of the state, specifically within the Wainganga basin. It lies between 20.39 to 21.38 degrees North Latitude and 79.27 to 80.42 degrees East Longitude. The district is bordered by Seoni and Balaghat districts of Madhya Pradesh to the north, Chandrapur to the south, Gondia to the east, and Nagpur to the west. The Wainganga and Bawanthadi rivers define a significant portion of the northern boundary.

- Basin: Bhandara district is situated within the Wainganga basin.
- Rivers: The Wainganga and Bawanthadi rivers form the northern border of the district.
- Elevation: The district has an average elevation of 244 meters (800 feet).
- Area: Bhandara district covers an area of 3716.65 square kilometers, which is about 1.21% of Maharashtra's total area.

3.2. Climate Bhandara District:

Bhandara district has a climate characterized by hot summers, a well-distributed monsoon season, and generally dry weather during the rest of the year. The cold season is from December to February, followed by a hot season from March to mid-June. The district experiences an average of 63 rainy days per year, with rainfall varying from 59 days at Gumdho to 68 days at Sakoli.

Temperature:

Bhandara experiences extreme temperatures, with summers reaching up to 45°C and winters as low as 8°C.

Rainfall:

The district receives ample rainfall during the monsoon season, according to IJRASET. The average annual rainfall is 1246 mm.

Humidity:

Except during the monsoon, the air is generally dry.

Winds:

Winds are generally light to moderate, with increased force during the latter part of the summer and monsoon months.

Monsoon:

Bhandara district receives more rainfall than other districts of Maharashtra during the monsoon season.

Temperature during winter:
The average monthly maximum and minimum temperatures decrease during the winter season from November to February, making the weather very pleasant.

3.3 Soil type Bhandara District

Bhandara district, in Maharashtra, primarily features clayey and clay loam soils, accounting for 61% of the area. Additionally, 20% of the district is covered by sandy loam soil, and 10% by gravelly clay and loamy soils. These soils are generally suitable for rice cultivation, with the sihars and morand soils being particularly well-suited.

Section: 2

2.0: Establishment of AIS Sakoli with 2 x 500 MVA, 400/220 kV ICTs & 2 x 315 MVA, 400/132 kV ICTs with 1 x 125 MVAr Bus Reactor at 400 kV level.

Snapshot of KMZ file and Photographs of Proposed 400/220/132 kV AIS Sakoli (Dist-Bhandara)







2.1: Coordinates of the proposed 2 X 315 MVA, 400/220/132 kV at Sakoli (New) Substation

Coordinates of the proposed 2 X 315 MVA, 400/220/132 kV at Sakoli (New) Substation			
Village: Macharana Taluka: Lakhani District: Bhandara State: Maharashtra	**Corner**	**Latitude**	**Longitude**
	Corner-1	20°57'24.19"N	79°50'34.72"E
	Corner-2	20°57'20.26"N	79°50'51.62"E
	Corner-3	20°57'32.87"N	79°50'55.39"E
	Corner-4	20°57'36.68"N	79°50'38.00"E

Note: The substation (Intermediate sub-station) shall not be beyond 10 km radius of the proposed location

2.2: Details of proposed 2 X 315 MVA, 400/220/132 kV at Sakoli (New) Substation

Sl. No.	Criterion	Proposed Sakoli (New) substation	
1	Land Co-ordinates		
a)	Corner 1	20°57'24.19"N	
		79°50'34.72"E	
b)	Corner 2	20°57'20.26"N	
		79°50'51.62"E	
c)	Corner 3	20°57'32.87"N	
		79°50'55.39"E	
d)	Corner 4	20°57'36.68"N	
		79°50'38.00"E	
1.1	Size (Acre) (mtr x mtr)	Approx. 50 Acre	
		Corner: 1-2	Approx.495 Mtr.
		Corner: 2-3	Approx. 400Mtr.
		Corner: 3-4	Approx. 517Mtr.
		Corner: 4-1	Approx. 399Mtr.
1.2	Govt. /Private/Forest land	Private Land	
1.3	Forest/WLS/ECO Sensitive Zone/Elephant Corridor	Nil	
1.4	Tribes/Non-Tribes Land	Non-Tribes	
1.5	Agriculture/Waste land	Agricultural land	
1.6	Development	Nil	
1.7	Approximate cost		
	a. Circle rate per acre	Approx. Rs. 27.12 Lakh	
	b. Market rate per acre	-	
	c. Approx. cost of the land	Approx. 13.56 Crore	
1.8	Terrain	Plain	
1.9	Type of Soil	clayey and clay loam soils Loam as visible	
1.1	No. of Owners	Approx. 19 Nos.	
1.11	Environment/Pollution in the vicinity	No	
1.12	Location with reference to nearest town	Macharana	
1.13	High Flood Level (HFL) Data	NA	
1.14	Diversion of Nallah/Canal required	NA	
1.15	Slope	Nil	
1.16	Approximate Extent of leveling required (in meter)	Approx.2 meter Cutting & filling	
1.17	Land acquisition feasibility	Available	
1.18	Rate of Govt. Land	Approx. Rs. 2.5 Lakh	
1.19	No. of Owners	Approx. 19 Nos.	
1.2	Extent of approach	Available	
1.21	Planned/unplanned development	Unplanned	
1.22	No. of families to be displaced	Nil	

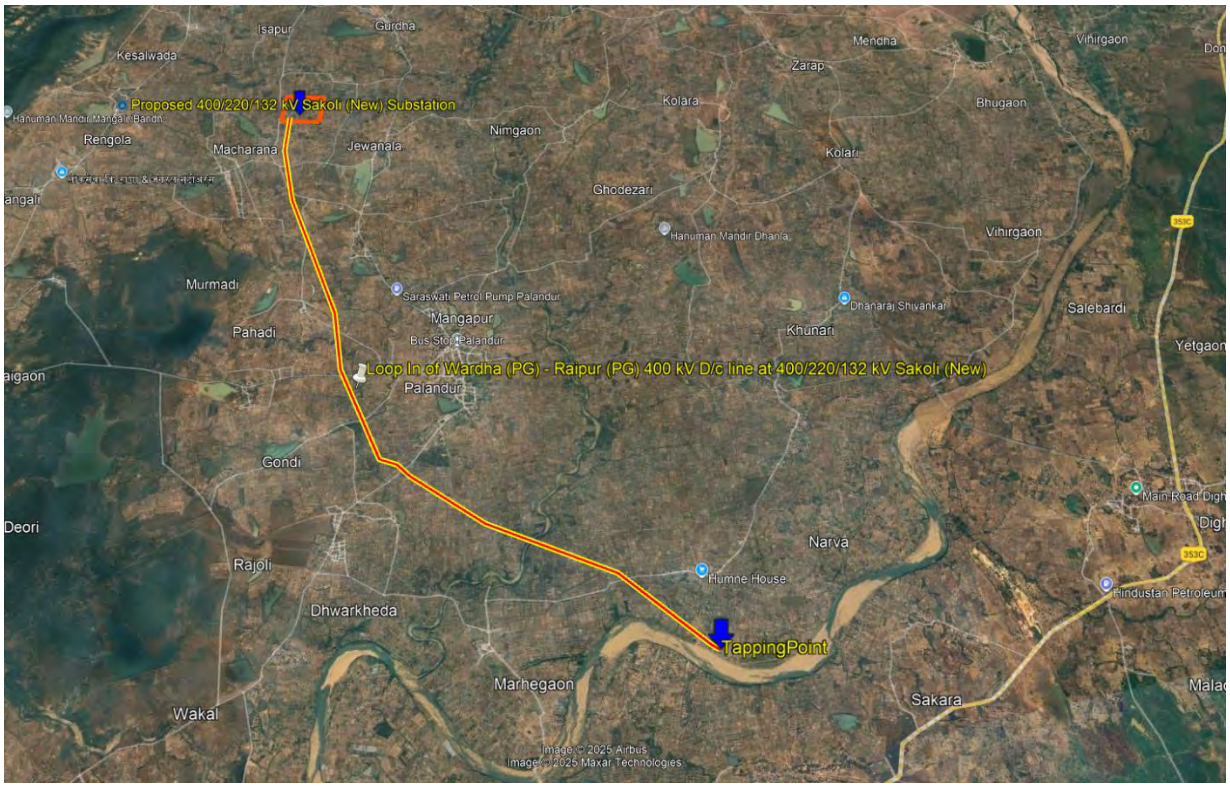
Sl. No.	Criterion	Proposed Sakoli (New) substation
1.23	Level of site with reference to road level	Approx. 2 meter
	a. Level of road	270 meters
	b. Level of site	268 meters
1.24	Distance from sea shore	Approx. 580 Km
1.25	Logistics Survey	Available
2	Approach	Isapur to Macharana Road
2.1	Obstacles in reaching site	Nil
2.2	Nearby main road	Isapur to Macharana Road
2.2	Length of approach road to be constructed	Along the Road
2.3	Name of nearest airport (name)/Airstrip	87 KM BEE Line from Dr. Babasaheb Ambedkar International Airport Nagpur
2.4	Upcoming Aviation/Airport Zone/Air Force Station/Airstrips	Nil
2.5	Name of nearest Rail head	Arjuni
2.6	Availability of ground water	Available
2.7	Availability of transmission corridor (entry of line and exit of lines) (Three /four sides)	Four Sides
2.8	Existence of structures/dwelling units in the land of the proposed site	NA
2.9	Availability of disposal of rain/storm water	Yes
2.1	Crops grown and types (Multi- crop/single crop)	Multi Crop
2.11	Distance from main road	Along the Road
2.12	Nearest railway station (BG/MG)	Arjuni Railway Station
2.13	Unloading facility at railway station	Wadsa Railway Station
2.14	No. of Culverts required for approach	Nil
2.15	Nearest EHV line/Nearest sub-station	LILO on Kardha Asegaon for Sakoli 132 KV Line
2.16	Length of line between this site & nearest substation for construction power at 33/11KV	Approx. 17 KM distance from 33/11 KV Bondgaon Devi Substation
2.17	Frontage for line take off	Available

Sl. No.	Criterion	Proposed Sakoli (New) substation
2.18	Telephone/Telegraph line	Nil
3	Community Facilities	-
3.1	Drinking Water	Available in Village
3.2	Drainage	Available
3.3	Distance from	Approx. 11 Km Approx. 1 Km Approx. 1 Km Approx. 1 Km
	a. Post Office	
	b. Telephone	
	c. School	
	d. Market	
3.4	Security	Available
3.5	Availability of construction water	Available
3.6	Availability of drinking water	Available
4	Seismic Zone	III
5	Wind Zone	III

2.3 : Map of the proposed Sakoli (New) Substation location on digital SOI sheets

SECTION: 3

Snapshot of KMZ file for the proposed LILO of both ckt of Wardha (PG) - Raipur (PG) 400 kV D/c line at 400/220/132 kV Sakoli (New)





Photographs of Tapping Tower No. 561 of Wardha (PG) - Raipur (PG) 400 kV D/c line



3.0: LILO of Both circuit of 400 kV Wardha (PG)-Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New)-Circuit-1

3.1 : Coordinates of both ends

Substation Details

Name of the substation	Latitude	Longitude
Tapping at existing tower no. 561 of Wardha (PG) - Raipur (PG) 400 kV D/c line Village: Pathari Taluka: Lakhani District: Bhandara State: Maharashtra	20º 53' 0.79" N	79º 52' 47.11" E
Proposed 400/220/132 kV Sakoli (New) Substation Village: Macharana Taluka: Lakhani District: Bhandara State: Maharashtra	20º 57' 25.24" N	79º 50' 38.78" E

Note: The exact coordinates of the LILO of tapping points for Wardha (PG) - Raipur (PG) 400 kV D/c line are to be obtained from the owner of the transmission line during the execution stage for the construction of the LILOed at Sakoli (New) substation.

3.2 : Index Map of SOI Toposheets

Survey of India Toposheets Index Map (1:50000 scale)



3.3 : Angle Schedule for LILO of both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
Tapping Point	383478	2309666	20º 53' 0.79" N	79º 52' 47.11" E		0		400 kV D/c Tower No. 561 (RPR.WRD) PGCIL	252
					98				
AP1	383407	2309734	20º 53' 2.96" N	79º 52' 44.62" E		98	8°21'49"R		253
					1272				
AP2	382617	2310731	20º 53' 35.21" N	79º 52' 17.06" E		1370	17°39'45"L		254
					1584			Chulband River	
AP3	381304	2311616	20º 54' 3.69" N	79º 51' 31.38" E		2954	11°53'31.7"R		253
					1055				
AP4	380569	2312372	20º 54' 28.13" N	79º 51' 5.76" E		4009	9°29'41.2"R		254
					208			SH-361 (PALANDUR-POHARA)	
AP5	380451	2312544	20º 54' 33.68" N	79º 51' 1.63" E		4217	25°0'38.4"L		251
					217			132 kV D/c line	

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP6	380264	2312653	20º 54' 37.19" N	79º 50' 55.13" E		4433	47°4'56.8"R		256
					1289				
AP7	379983	2313911	20º 55' 18.03" N	79º 50' 45.1" E		5722	14°59'59.3"R		257
					795				
AP8	380017	2314705	20º 55' 43.87" N	79º 50' 46.07" E		6517	12°21'42.2"L		261
					1807				
AP9	379705	2316485	20º 56' 41.68" N	79º 50' 34.82" E		8324	9°29'34.1"R		269
					812				
AP10	379699	2317297	20º 57' 8.07" N	79º 50' 34.4" E		9136	14°10'59"R		267
					418				
AP11	379798	2317703	20º 57' 21.31" N	79º 50' 37.74" E		9554	0°34'47.4"R		272
					125				
Gantry	379829	2317824	20º 57' 25.24" N	79º 50' 38.78" E		9678		Proposed 400/220/132 kV Sakoli (New) Substation	270

3.4: Summary of the proposed LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1

Summary of the proposed route		
Sl. No.	**Description**	**Proposed Route**
1	Bee line length	8.937 Km
	Line Length	9.678 Km
	a) Plain	75%
	b) Undulated terrain	25%
2	Terrain	Plain with constraints
3	Snow bound Route (in Meters)	Nil
4	Length of line in heavy rainfall area which may affect working season (in Meters)	Nil
5	a) Angle Points	11 Nos.
6	Forest	No
	a) Reserve Forest	Nil
	b) Protected Forest	Nil
	c) Open Scrub	Along the Route
7	Wildlife infringement	Nil
8	Animal/Bird Sanctury	Nil
9	infringement of endangered species habitat	Nil
10	National Park	Nil
11	Great Indian Bustard (GIB) area (Priority/ Potential Zone)	Nil
12	Creek, Marshy and low-laying area	Nil
13	No. of Pile/Special Foundation required	Nil
14	Transportation & Maintenance	Available
15	Power Line crossings (132 kV & above)	1 No.
16	Telecom Line Crossing	Nil
17	Railway crossings	Nil
18	Airport/Air strip	Devojit International Airport Nagpur
19	Upcoming Airport/Aviation zone/Airforce Station	Nil
20	Army cantonment/Mining/No go areas/Airstrips	Nil
21	River crossings	1 No.
	a) Major	Nil
	b) Minor	1 No.
22	NH Crossings	Nil
23	SH Crossings	1 No.
24	Existing Gas/Petroleum/Oil Pipeline	Nil
25	Proposed Gas/Petroleum/Oil Pipeline	Nil
26	Land Availability (if required for Acquisition)	Available
	i) Extent of land available	Available

Summary of the proposed route		
Sl. No.	**Description**	**Proposed Route**
	ii) Land use pattern (agricultural, barren, forest etc.)	Agricultural
	iii) Land ownership (Govt. Private, trible, non-tribal etc)	Private
27	Approaches for construction	Available
28	Wind Zone	III
29	State	Maharashtra
30	District	Bhandara

Power Line Crossing (110 kV & above)

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1				
Sl. No.	**Circuit Details**	**Voltage rating in kV / Crossing**	**Name of Owner (SEB/DOT)**	**Crossing in between Angle Point**
1	Double Circuit	132 kV		AP-5-AP-6

Railway Line Crossings

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1						
Sl. No.	**Name of the Railway Line**	**Type of Gauge Broad / Metre / Narrow**	**Single/Double Line**	**Electrified / Non-Electrified**	**Remarks (Crossing in Between Locs.)**	**Pol. No**
Nil						

National Highway/State Highway Crossings

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1				
Sl. No.	**Name of the Road**	**Type Of Road National Highway / State Highway**	**Nearest City/Town from Crossing**	**Remarks (Crossing Between Loc. No.)**
1	Palandur-Pohara	SH-361	Palandur	AP4 - AP5

River Crossing

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1								
Sl. No.	**Name of River**	**Approximate Span in Meters (bank to bank width)**	**Perennial / Weathered Flow**	**HFL Information**	**Navigable / Non - Navigable**	**Remarks (Crossing in Between Loc. No.)**	**Pile Foundation required**	**Mid-span Piles required**
1	Chulband River	35	Weathered Flow	NA	Non - Navigable	AP2- AP3	Not Required	Not Required

Forest Crossing

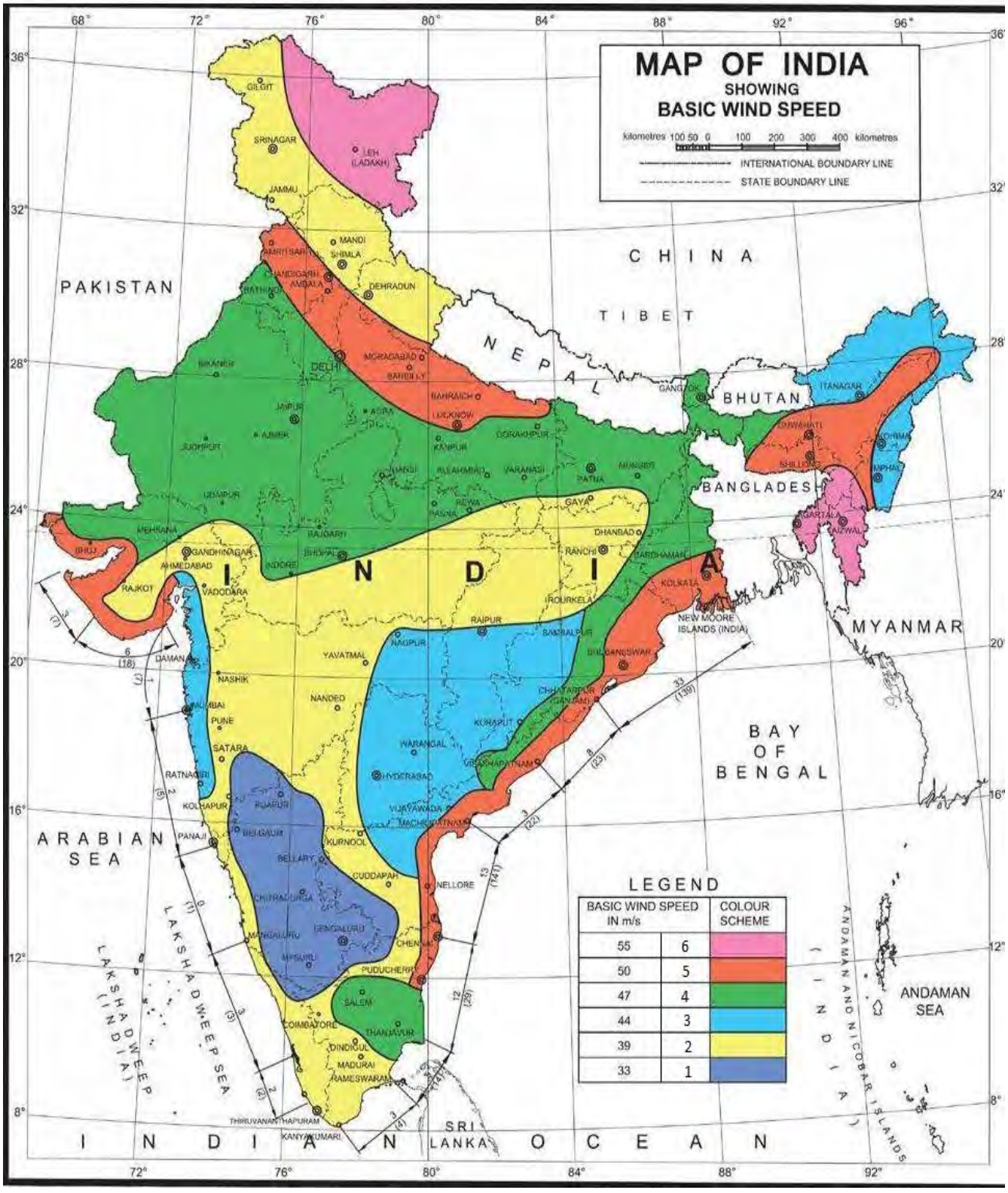
LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1				
Sl .No.	**Section AP to AP**	**Name of the Forest**	**Type of Forest (Reserved/Protected/Social/Revenue)**	**Forest Stretches (m)**
Nil				

Wildlife/Elephant Corridor/Bird Sanctuary/GIB Crossing

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1				
Sl .No.	**Section AP to AP**	**Name of the Wildlife**	**Type of Wildlife (Reserved/Protected/Social/Revenue)**	**Wildlife Stretches(m)**
Nil				

3.5: Wind Zone Map

Wind Zone: The Proposed transmission line LILO of Both circuit of 400 kV Wardha (PG)-Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-1 is passing through Wind Zone-III.



3.6 : Results & Conclusion

Results & Conclusion

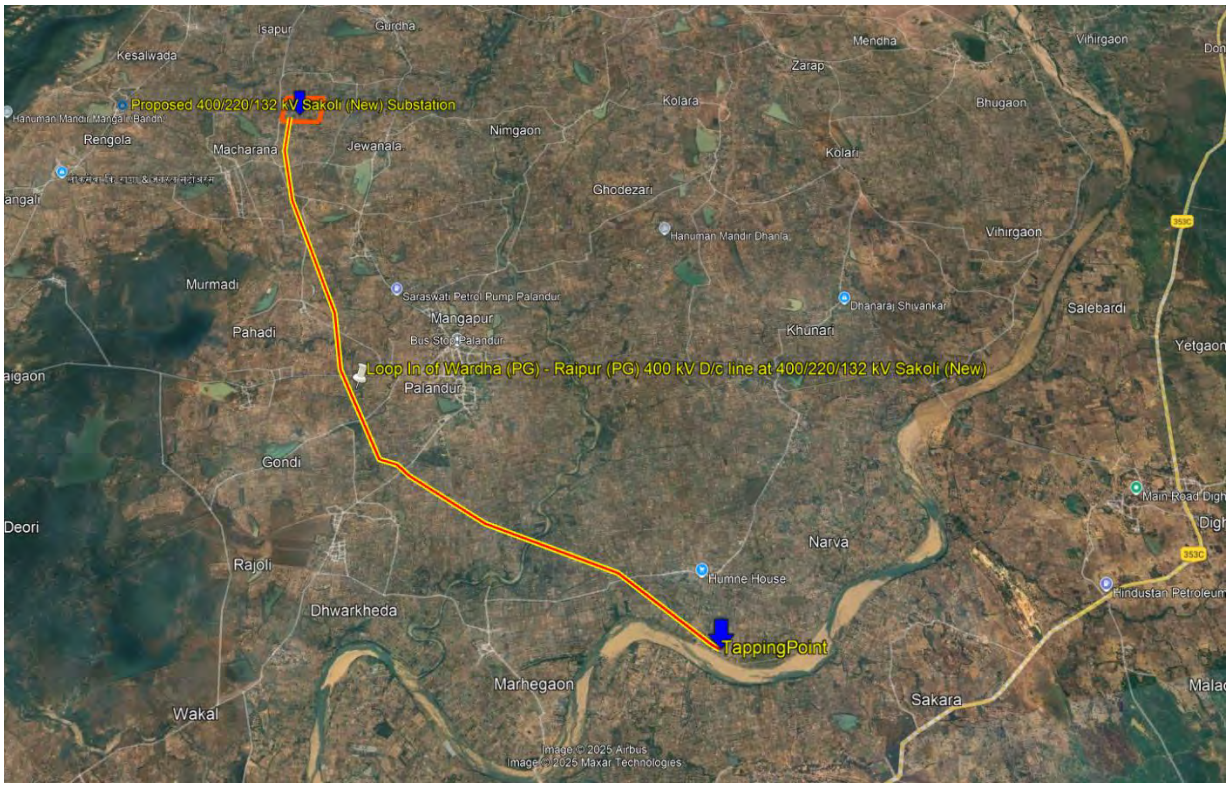
Referring to angle point summary and after initial inspection of physical maps updated with satellite images and walk over survey, the proposed route corridors was explored for the best route alignment. Special attention has been given to the existing EHV lines, forest, reserved forest, river crossings, national/state highways, minimum route length and habitation including plantation. After detailed analysis, the proposed transmission line route has been observed as most viable route for alignment due to its good approach, for construction and maintenance of the transmission line after construction. Finally, the Route marked Red in the route alignment drawing as has been proposed final route

3.7 : Route Alignment Map on Digital Toposheets

SECTION: 4

4.0 : LILO of Both circuit of 400 kV Wardha (PG)-Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2

Snapshot of KMZ file for the proposed LILO of both ckt of Wardha (PG) - Raipur (PG) 400 kV D/c line at 400/220/132 kV Sakoli (New)





Photographs of Tapping Tower No. 572 of Wardha (PG) - Raipur (PG) 400 kV D/c line



4.1 : Coordinates Both ends

Substation Details

Name of the substation	Latitude	Longitude
Tapping at existing tower no. 572 of Wardha (PG) - Raipur (PG) 400 kV D/c line Village: Khunari Taluka: Lakhani District: Bhandara State: Maharashtra	20º 54' 39.78" N	79º 54' 13.32" E
Proposed 400/220/132 kV Sakoli (New) Substation Village: Macharana Taluka: Lakhani District: Bhandara State: Maharashtra	20º 57' 24.17" N	79º 50' 42.35" E

Note: The exact coordinates of the LILO of tapping points for Wardha (PG) - Raipur (PG) 400 kV D/c line are to be obtained from the owner of the transmission line during the execution stage for the construction of the LILOed at Sakoli (New) substation.

4.2 : Index Map of SOI Toposheets

Survey of India Toposheets Index Map (1:50000 scale)



4.3 : Angle Schedule of LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
Gantry	379932	2317790	20º 57' 24.17" N	79º 50' 42.35" E		0		Proposed 400/220/132 kV Sakoli (New) Substation	265
					120				
AP1	379908	2317672	20º 57' 20.34" N	79º 50' 41.55" E		120	4°35'25"R		271
					415				
AP2	379792	2317274	20º 57' 7.36" N	79º 50' 37.66" E		535	26°43'35.2"L		272
					668				
AP3	379915	2316617	20º 56' 46.03" N	79º 50' 42.07" E		1203	44°12'18"L		271
					511				
AP4	380333	2316323	20º 56' 36.55" N	79º 50' 56.6" E		1714	31°12'9.5"R		268
					226				
AP5	380423	2316116	20º 56' 29.84" N	79º 50' 59.78" E		1940	41°24'59.4"L		268
					228			SH-361 (Palandur-Pohara)	
AP6	380630	2316019	20º 56' 26.75" N	79º 51' 6.96" E		2168	10°27'6.1"R		267

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					842				
AP7	381316	2315531	20º 56' 11.04" N	79º 51' 30.82" E		3009	14°17'34.9"L		263
					259			132 kV D/c	
AP8	381558	2315438	20º 56' 8.05" N	79º 51' 39.22" E		3269	2°44'52.2"L		261
					876			Chulband River	
AP9	382388	2315161	20º 55' 59.25" N	79º 52' 8.05" E		4145	16°47'28.8"R		258
					3598			Canal	
AP10	385328	2313088	20º 54' 52.49" N	79º 53' 50.32" E		7742	4°54'28.9"L		259
					673				
AP11	385910	2312749	20º 54' 41.58" N	79º 54' 10.51" E		8415	4°24'37.3"R		264
					98				
Tapping Point	385990	2312693	20º 54' 39.78" N	79º 54' 13.32" E		8513		400 kV D/c Tower No.572 (RPR.WRD) PGCIL	259

4.5: Summary of the proposed LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2

Summary of the proposed Route		
Sl. No.	**Description**	**Proposed Route**
1	Bee line length	7.919 Km
	Line Length	8.513 Km
	a) Plain	75%
	b) Undulated terrain	25%
2	Terrain	Plain with Constraints
3	Snow bound Route (in Meters)	Nil
4	Length of line in heavy rainfall area which may affect working season (in Meters)	Nil
5	a) Angle Points	11 Nos.
6	Forest	No
	a) Reserve Forest	Nil
	b) Protected Forest	Nil
	c) Open Scrub	Along the Route
7	Wildlife infringement	Nil
8	Animal/Bird Sanctury	Nil
9	infringement of endangered species habitat	Nil
10	National Park	Nil
11	Great Indian Bustard (GIB) area (Priority/ Potential Zone)	Nil
12	Creek, Marshy and low-laying area	Nil
13	No. of Pile/Special Foundation required	Nil
14	Transportation & Maintenance	Available
15	Power Line crossings (132kV & above)	1 No.
16	Telecom Line Crossing	Nil
17	Railway crossings	Nil
18	Airport/Air strip	Devojit International Airport Nagpur
19	Upcoming Airport/Aviation zone/Airforce Station	Nil
20	Army cantonment/Mining/No go areas/Airstrips	Nil
21	River crossings	1 No.
	a) Major	Nil
	b) Minor	1 No.
22	NH Crossings	Nil
23	SH Crossings	1 No.
24	Existing Gas/Petroleum/Oil Pipeline	Nil
25	Proposed Gas/Petroleum/Oil Pipeline	Nil

Summary of the proposed Route		
Sl. No.	**Description**	**Proposed Route**
26	Land Availability (if required for Acquisition)	Available
	i) Extent of land available	Available
	ii) Land use pattern (agricultural, barren, forest etc.)	Agricultural
	iii) Land ownership (Govt. Private, trible, non-tribal etc)	Private
27	Approaches for construction	Available
28	Wind Zone	III
29	State	Maharashtra
30	District	Bhandara

Power Line Crossings (110 kV & above)

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2				
Sl. No.	**Circuit Details**	**Voltage rating in kV / Crossing**	**Name of Owner (SEB/DOT)**	**Crossing in between Angle Point**
1	Double Circuit	132 kV		AP7 - AP8

Railway Line Crossings

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2						
Sl. No.	**Name of the Railway Line**	**Type of Gauge Broad / Metre / Narrow**	**Single/Double Line**	**Electrified / Non-Electrified**	**Remarks (Crossing in Between Locs.)**	**Pol.No**
Nil						

National Highway/State Highway Crossings

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2				
Sl. No.	**Name of the Road**	**Type Of Road National Highway / State Highway**	**Nearest City/Town from Crossing**	**Remarks (Crossing Between Loc. No.)**
1	Palandur-Pohara	S.H-361	Palandur	AP5 - AP6

River Crossing

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2								
Sl. No.	**Name of River**	**Approximate Span in Meters (bank to bank width)**	**Perennial / Weathered Flow**	**HFL Information**	**Navigable / Non - Navigable**	**Remarks (Crossing in Between Loc. No.)**	**Pile Foundation required**	**Mid-span Piles required**
1	Chulband River	50	Weathered Flow	NA	Non - Navigable	AP-8-AP-9	Not required	Not required

Forest Crossing

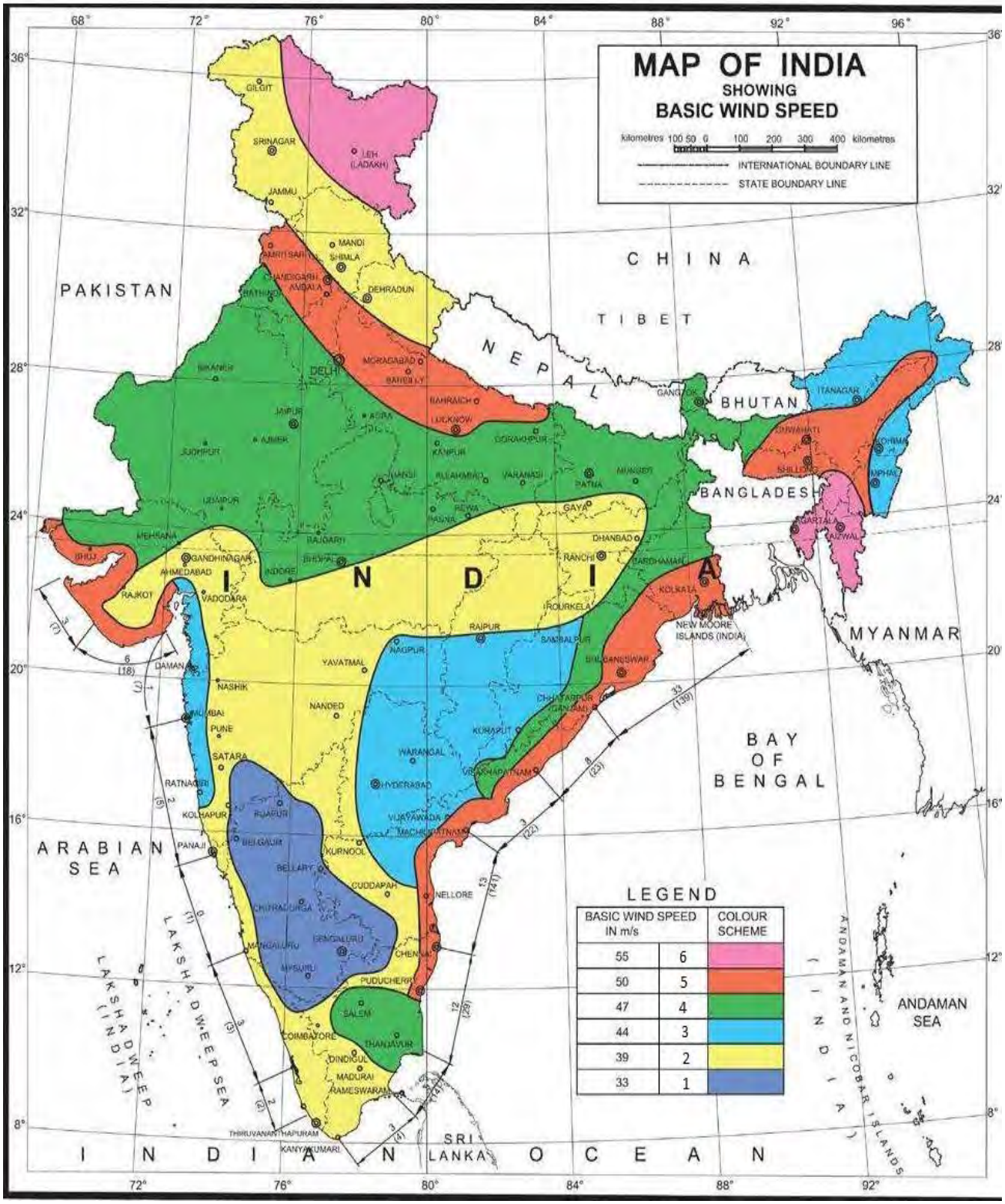
LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2					
Sl. NO.	**Section AP to AP**	**Name of the Forest**	**Type of Forest (Reserved/Protected/Social/Revenue)**	**Forest Stretches(m)**	**Forest Stretches (Sqm)**
Nil					

Wildlife/Elephant Corridor/Bird Sanctuary/GIB Crossings

LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2				
Sl.No.	**Section AP to AP**	**Name of the Wildlife**	**Type of Wildlife (Reserved/Protected/Social/Revenue)**	**Wildlife Stretches(m)**
Nil				

4.5: Wind Zone Map

Wind Zone: The Proposed transmission line LILO of Both circuit of 400 kV Wardha (PG)- Raipur (PG) 400 kV D/C line at 400 kV AIS Sakoli (New) – Circuit-2 line is passing through Wind Zone-III.



4.6: Result & Conclusion

Results & Conclusion

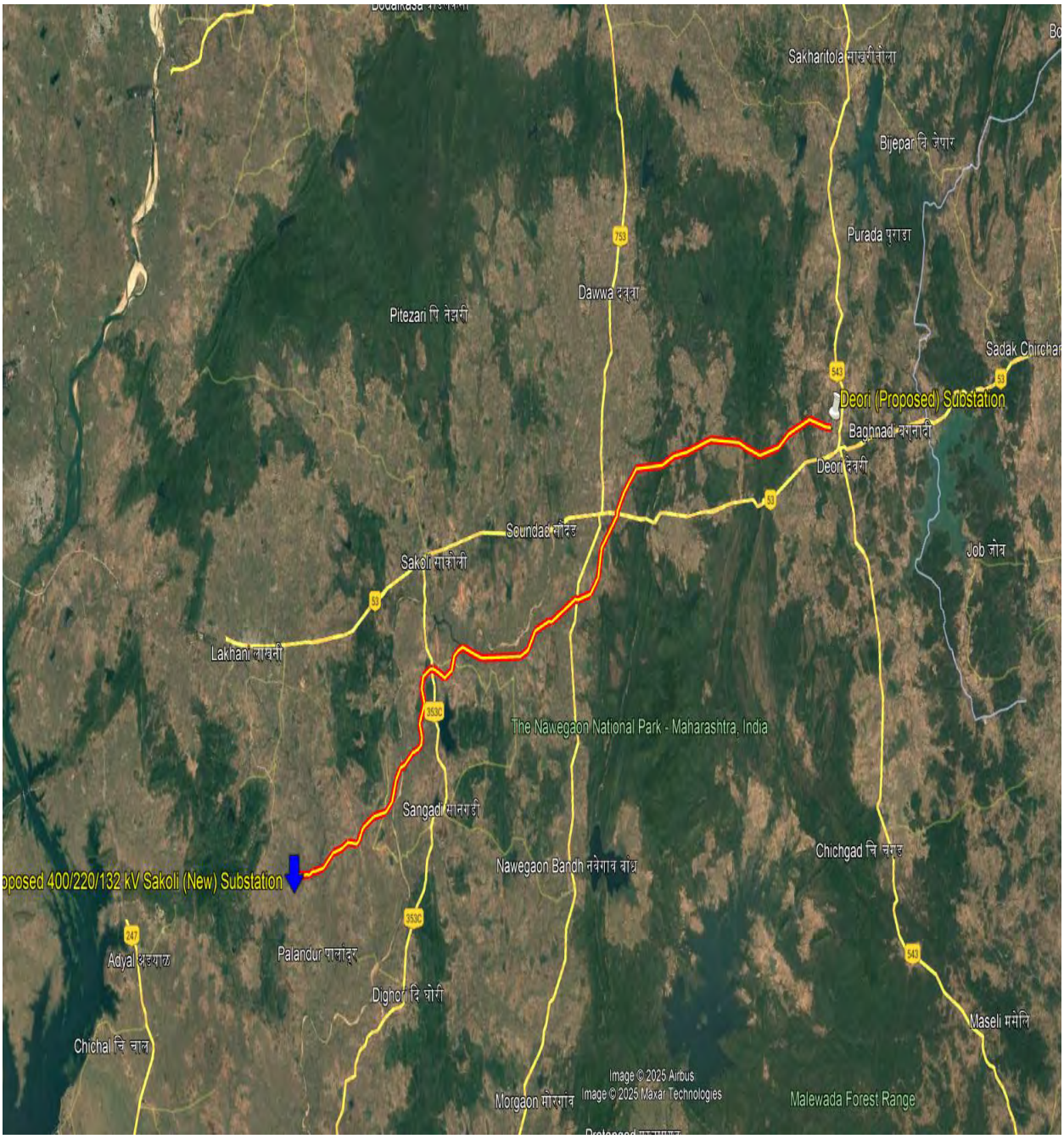
Referring to angle point summary and after initial inspection of physical maps updated with satellite images and walk over survey, the proposed route corridors was explored for the best route alignment. Special attention has been given to the existing EHV lines, forest, reserved forest, river crossings, national/state highways, minimum route length and habitation including plantation. After detailed analysis, the proposed transmission line route has been observed as most viable route for alignment due to its good approach, for construction and maintenance of the transmission line after construction. Finally, the Route marked Red in the route alignment drawing as has been proposed final route

4.7 : Route Alignment Map on Digital Toposheets

SECTION: 5

5.0: 132 KV D/c Line from 132 KV Deori (Proposed) to 400/220/132 KV Sakoli (New)

Snapshot of KMZ file for the proposed 132 kV D/c Line from 132 KV Deori (Proposed) to 400/220/132 KV Sakoli (New)



5.1 : Coordinates of both ends

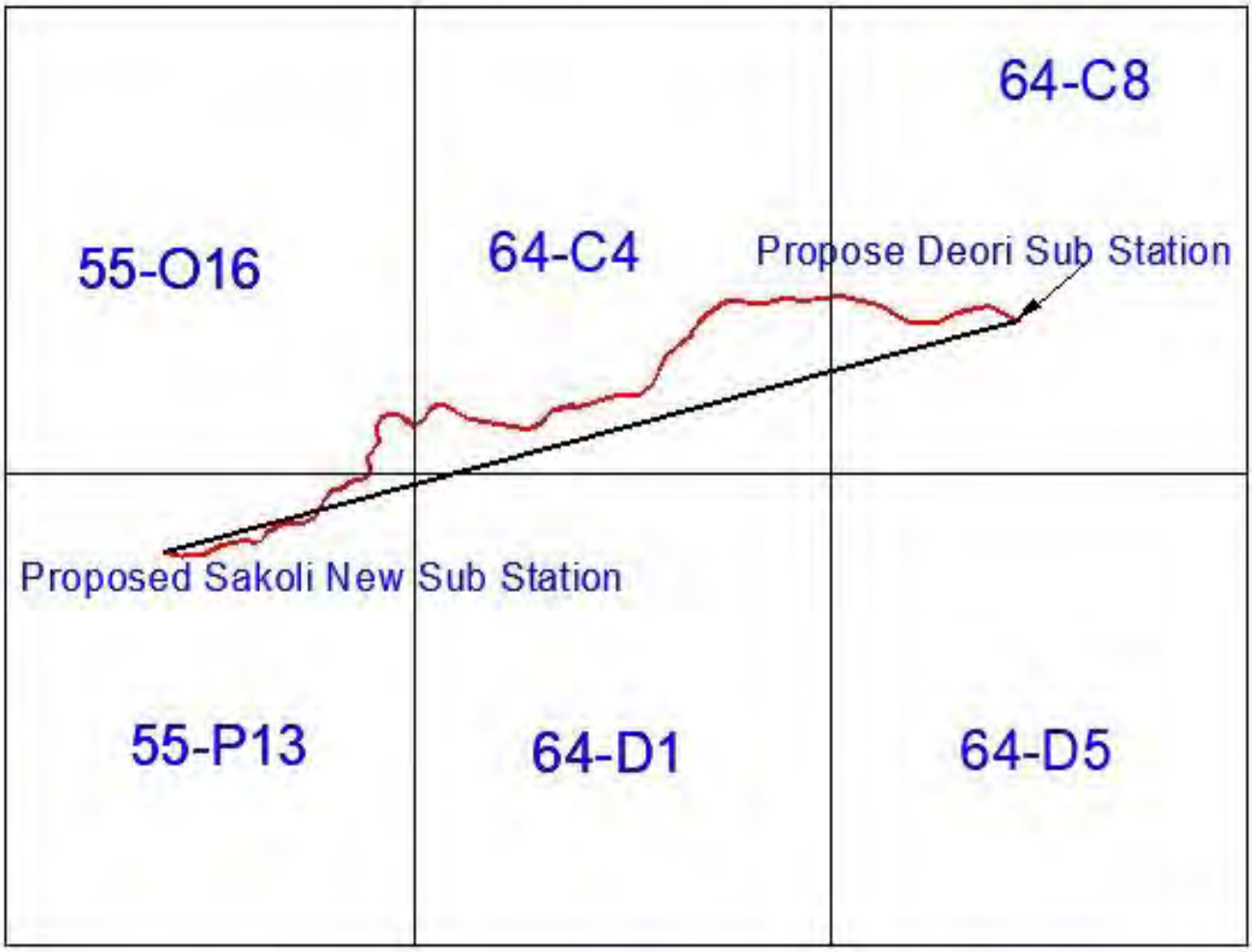
Substation Details

Name of the substation	Latitude	Longitude
132 kV Deori substation (proposed) Village: Deori (NP) Taluka: Deori District: Gondia State: Maharashtra	21º 5' 7.22" N	80º 21' 41.69" E
400/220/132 kV Sakoli (New) Substation (Proposed) Village: Macharana Taluka: Lakhani District: Bhandara State: Maharashtra	20º 57' 28.24" N	79º 50' 52.34" E

Note: The exact coordinates for construction of 132 kV line bays at Deori substation (Proposed) for termination of 132 kV Deori (Proposed) – Sakoli (New) D/c line is to be obtained from the developer of the substation during execution stage.

5.2 : Index Map of SOI Toposheets

Survey of India Toposheets Index Map (1:50000 scale)



5.3: Angle Schedule of 132 kV D/c line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
Gantry	380221	2317913	20º 57' 28.24" N	79º 50' 52.34" E		0		Proposed 400/220/132 kV Sakoli (New) Substation	265
					115				
AP1	380332	2317883	20º 57' 27.29" N	79º 50' 56.19" E		115	7°18'54.8"R		264
					382				
AP2	380685	2317736	20º 57' 22.61" N	79º 51' 8.46" E		497	19°10'58.1"L		266
					440				
AP3	381125	2317711	20º 57' 21.88" N	79º 51' 23.68" E		937	13°45'37.1"R		262
					237			SH- 361 (Pohara-Palandur)	
AP4	381351	2317641	20º 57' 19.67" N	79º 51' 31.53" E		1174	37°11'0.7"L		258
					360				
AP5	381689	2317765	20º 57' 23.76" N	79º 51' 43.2" E		1534	26°59'47.2"R		261

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					243			2 Nos. -132 kV D/c-KAR.SAK) SAK.ASG & 132 kV D/c-KAR.SAK) SAK.ASG	
AP6	381930	2317736	20º 57' 22.87" N	79º 51' 51.54" E		1777	8°47'31.8"L		261
					792			Chulband River	
AP7	382721	2317762	20º 57' 23.9" N	79º 52' 18.94" E		2568	28°33'7.5"L		261
					1215				
AP8	383769	2318377	20º 57' 44.16" N	79º 52' 55.06" E		3784	25°37'17"R		265
					810				
AP9	384576	2318445	20º 57' 46.56" N	79º 53' 23" E		4594	12°51'1.1"L		272
					709				
AP10	385252	2318661	20º 57' 53.71" N	79º 53' 46.35" E		5303	33°48'58.3"R		272
					793				
AP11	386014	2318440	20º 57' 46.71" N	79º 54' 12.77" E		6096	39°41'32.2"L		276
					256				
AP12	386249	2318543	20º 57' 50.09" N	79º 54' 20.88" E		6352	26°4'55.3"L		280
					798				

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP13	386766	2319151	20º 58' 9.99" N	79º 54' 38.64" E		7151	29°54'28.4"R		270
					1192				
AP14	387888	2319553	20º 58' 23.32" N	79º 55' 17.4" E		8343	18°40'25.7"R		267
					1132				
AP15	389020	2319574	20º 58' 24.23" N	79º 55' 56.6" E		9475	30°12'22.3"L		272
					785				
AP16	389691	2319981	20º 58' 37.62" N	79º 56' 19.75" E		10260	29°52'33.5"L		262
					1207				
AP17	390274	2321038	20º 59' 12.13" N	79º 56' 39.69" E		11467	14°41'21.8"R		260
					779				
AP18	390811	2321602	20º 59' 30.6" N	79º 56' 58.15" E		12246	38°10'37.7"R		262
					412			Chulband River	
AP19	391218	2321662	20º 59' 32.61" N	79º 57' 12.25" E		12658	22°11'12.5"L		262
					1004				
AP20	392084	2322170	20º 59' 49.34" N	79º 57' 42.11" E		13662	26°51'9.7"R		264

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					223			400 kV D/c (RPR.WRD) PGCIL	
AP21	392306	2322184	20º 59' 49.84" N	79º 57' 49.8" E		13884	21°27'46.7"L		265
					84				
AP22	392382	2322220	20º 59' 51.02" N	79º 57' 52.44" E		13969	18°55'17.8"R		265
					219			132 kV D/c line	
AP23	392600	2322243	20º 59' 51.82" N	79º 57' 59.96" E		14187	20°52'6.6"L		263
					383				
AP24	392941	2322417	20º 59' 57.56" N	79º 58' 11.75" E		14571	43°5'42.2"L		263
					399				
AP25	393077	2322793	21º 0' 9.8" N	79º 58' 16.37" E		14970	27°5'25"L		263
					739				
AP26	392985	2323526	21º 0' 33.62" N	79º 58' 13.01" E		15709	41°37'4.3"R		266
					1139				
AP27	393629	2324465	21º 1' 4.3" N	79º 58' 35.1" E		16848	43°32'36.8"L		272
					829				
AP28	393497	2325284	21º 1' 30.89" N	79º 58' 30.37" E		17676	33°0'33"R		269
					658				
AP29	393764	2325885	21º 1' 50.52" N	79º 58' 39.47" E		18335	46°43'6.3"R		276
					770				
AP30	394490	2326141	21º 1' 58.98" N	79º 59' 4.56" E		19104	25°59'3.2"R		275
					236			N.H-353 C (Sakoli-Warsa)	

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP31	394724	2326114	21º 1' 58.15" N	79º 59' 12.69" E		19340	22°39'22.9"R		275
					425				
AP32	395095	2325906	21º 1' 51.48" N	79º 59' 25.56" E		19765	5°58'19.7"R		302
					801				
AP33	395749	2325444	21º 1' 36.58" N	79º 59' 48.34" E		20566	56°12'52.4"L		280
					748				
AP34	396448	2325712	21º 1' 45.44" N	80º 0' 12.48" E		21314	40°32'44.1"L		272
					806				
AP35	396832	2326421	21º 2' 8.56" N	80º 0' 25.64" E		22121	36°44'24.2"R		272
					489				
AP36	397276	2326626	21º 2' 15.32" N	80º 0' 40.97" E		22610	13°12'3.8"R		269
					419			Chulband River	
AP37	397687	2326710	21º 2' 18.15" N	80º 0' 55.19" E		23029	40°27'47.3"R		268
					877				
AP38	398455	2326287	21º 2' 4.52" N	80º 1' 21.89" E		23906	1°15'8.5"L		272
					384			Chulband River	
AP39	398795	2326109	21º 1' 58.81" N	80º 1' 33.71" E		24290	1°56'42.9"L		268
					645				
AP40	399376	2325829	21º 1' 49.84" N	80º 1' 53.9" E		24935	16°44'4.9"L		273
					3597				
AP41	402930	2325271	21º 1' 32.35" N	80º 3' 57.12" E		28532	23°41'37.1"L		274
					783				
AP42	403687	2325470	21º 1' 38.98" N	80º 4' 23.3" E		29315	31°1'15"L		275
					1198				

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP43	404523	2326329	21º 2' 7.07" N	80º 4' 52.08" E		30513	35°7'17.9"R		277
					1366				
AP44	405865	2326581	21º 2' 15.53" N	80º 5' 38.55" E		31880	28°17'52.6"R		278
					247			Railway Line (Single Track Electrified - Soundad-Gomdumari)	
AP45	406100	2326507	21º 2' 13.14" N	80º 5' 46.7" E		32126	34°54'45.2"L		277
					2543				
AP46	408529	2327262	21º 2' 38.14" N	80º 7' 10.69" E		34669	34°43'58.3"R		285
					242			SH-11 (Armori-Bhandara)	
AP47	408759	2327189	21º 2' 35.82" N	80º 7' 18.69" E		34911	21°14'6.2"L		281
					1207				
AP48	409963	2327268	21º 2' 38.62" N	80º 8' 0.39" E		36118	35°49'52"L		289
					1137				
AP49	410839	2327993	21º 3' 2.34" N	80º 8' 30.59" E		37254	28°24'14.6"L		295
					1552				
AP50	411420	2329431	21º 3' 49.23" N	80º 8' 50.45" E		38806	29°9'20"R		294
					2216				
AP51	413146	2330822	21º 4' 34.75" N	80º 9' 50" E		41022	31°44'49"L		288
					241			NH-53 (Soundad-Deori)	

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP52	413226	2331050	21º 4' 42.17" N	80º 9' 52.74" E		41263	23°52'3.4"R		289
					1209				
AP53	414055	2331930	21º 5' 10.93" N	80º 10' 21.29" E		42472	10°6'38.8"R		297
					1623				
AP54	415357	2332898	21º 5' 42.64" N	80º 11' 6.26" E		44095	42°42'44"R		303
					2435			Reserved Forest	
AP55	417779	2332639	21º 5' 34.63" N	80º 12' 30.23" E		46530	19°12'24.8"L		382
					1223			Reserved Forest	
AP56	418970	2332917	21º 5' 43.85" N	80º 13' 11.48" E		47754	14°7'29"R		309
					1216				
AP57	420186	2332896	21º 5' 43.35" N	80º 13' 53.61" E		48969	6°54'41.3"L		335
					2314				
AP58	422488	2333134	21º 5' 51.45" N	80º 15' 13.36" E		84	19°37'25.7"R		317
					2653				
AP59	425065	2332504	21º 5' 31.37" N	80º 16' 42.78" E		53937	18°18'7"R		335
					748				
AP60	425699	2332108	21º 5' 18.56" N	80º 17' 4.81" E		54684	4°46'25.4"L		383
					1329			Reserved Forest	
AP61	426881	2331500	21º 4' 58.94" N	80º 17' 45.85" E		56013	30°24'17.9"L		418
					1789			Reserved Forest	
AP62	428667	2331598	21º 5' 2.4" N	80º 18' 47.74" E		57802	22°30'33.2"L		401
					1187				
AP63	429737	2332112	21º 5' 19.28" N	80º 19' 24.76" E		58990	15°3'35.8"R		390

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span in Mtr.**	**Cumm. Length in Mtr.**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					2078				
AP64	431779	2332495	21º 5' 31.99" N	80º 20' 35.48" E		61067	34°53'6.8"R		381
					1544				
AP65	433187	2331860	21º 5' 11.53" N	80º 21' 24.34" E		62611	8°10'47.9"L		361
					405				
AP66	433576	2331747	21º 5' 7.92" N	80º 21' 37.86" E		63017	4°50'10.3"L		359
					113				
Gantry	433687	2331725	21º 5' 7.22" N	80º 21' 41.69" E		63129		Proposed 132 kV Deori Substation	370

5.4: Summary of Proposed 132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)

Summary of the Proposed Route		
Sl. No.	**Description**	**Proposed Route**
1	Bee line length	55.236 Km
	Line Length	63.129 Km
	a) Plain	70%
	b) Undulated terrain	30%
2	Terrain	Plain with Constraints
3	Snow bound Route (in Meters)	Nil
4	Length of line in heavy rainfall area which may affect working season (in Meters)	Nil
5	a) Angle Points	66 Nos.
6	Forest	3.927 Km
	a) Reserve Forest	3.927 Km
	b) Protected Forest	Nil
	c) Open Scrub	Along the Route
7	Wildlife infringement	Nil
8	Animal/Bird Sanctuary	Nil
9	infringement of endangered species habitat	Nil
10	National Park	Nil
11	Great Indian Bustard (GIB) area (Priority/ Potential Zone)	Nil
12	Creek, Marshy and low-laying area	Nil
13	No. of Pile/Special Foundation required	Nil
14	Transportation & Maintenance	Available
15	Power Line crossings (132kV & above)	4 Nos.
16	Telecom Line Crossing	Nil
17	Railway crossings	1 No.
18	Airport/Air strip	Devojit International Airport Nagpur
19	Upcoming Airport/Aviation zone/Airforce Station	Nil
20	Army cantonment/Mining/No go areas/Airstrips	Nil
21	River crossings	4 Nos.
	a) Major	Nil
	b) Minor	4 Nos.
22	NH Crossings	2 Nos.
23	SH Crossings	2 Nos.
24	Existing Gas/Petroleum/Oil Pipeline	Nil
25	Proposed Gas/Petroleum/Oil Pipeline	Nil

Summary of the Proposed Route		
Sl. No.	**Description**	**Proposed Route**
26	Land Availability (if required for Acquisition)	Available
	i) Extent of land available	Available
	ii) Land use pattern (agricultural, barren, forest etc.)	Agricultural
	iii) Land ownership (Govt. Private, trible, non-tribal etc)	Private
27	Approaches for construction	Available
28	Wind Zone	III
29	State	Maharashtra
30	District	Bhandara , Gondia

Power Line Crossing (110 kV & above)

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)				
Sl. No.	**Circuit Details**	**Voltage rating in kV / Crossing**	**Name of Owner (SEB/DOT)**	**Crossing in between Angle Point**
1	Double Circuit	132 kV	KAR.SAK) SAK.ASG	AP-5-AP-6
2	Double Circuit	132 kV	KAR.SAK) SAK.ASG	AP-5-AP-6
3	Double Circuit	400 kV	(RPR.WRD) PGCIL	AP-20-AP21
4	Double Circuit	132 kV	-	AP22-AP23

Railway Line Crossings

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)						
Sl. No.	**Name of the Railway Line**	**Type of Gauge Broad / Metre / Narrow**	**Single/Double Line**	**Electrified / Non-Electrified**	**Remarks (Crossing in Between Locs.)**	**Pol. No**
1	Soundad-Gomdumari	Broad	Single	Electrified	AP-44-AP-45	

National Highway/State Highway Crossings

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)				
Sl. No.	**Name of the Road**	**Type Of Road National Highway / State Highway**	**Nearest City/Town from Crossing**	**Remarks (Crossing Between Loc. No.)**
1	Pohara-Palandur	S.H-361	Palandur	AP-3-AP-4
2	Sakoli-Warsa	N.H-353C	Wadsa	AP-30-AP-31
3	Armori-Bhandara	S.H-11	Wadsa	AP-46-AP-47
4	Soundad-Deori	N.H-53	Lakhani	AP-51-AP-52

River Crossing

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)								
Sl. No.	**Name of River**	**Approximate Span in Meters (bank to bank width)**	**Perennial / Weathered Flow**	**HFL Information**	**Navigable / Non - Navigable**	**Remarks (Crossing in Between Loc. No.)**	**Pile Foundation required**	**Mid-span Piles required**
1	Chulband River	35	Weathered Flow	NA	Non - Navigable	AP-6-AP-7	Not Required	Not Required
2	Chulband River	180	Weathered Flow	NA	Non - Navigable	AP-18-AP-19	Not Required	Not Required
3	Chulband River	225	Weathered Flow	NA	Non - Navigable	AP-36-AP-37	Not Required	Not Required
4	Chulband River	110	Weathered Flow	NA	Non - Navigable	AP-38-AP-39	Not Required	Not Required

Forest Crossing

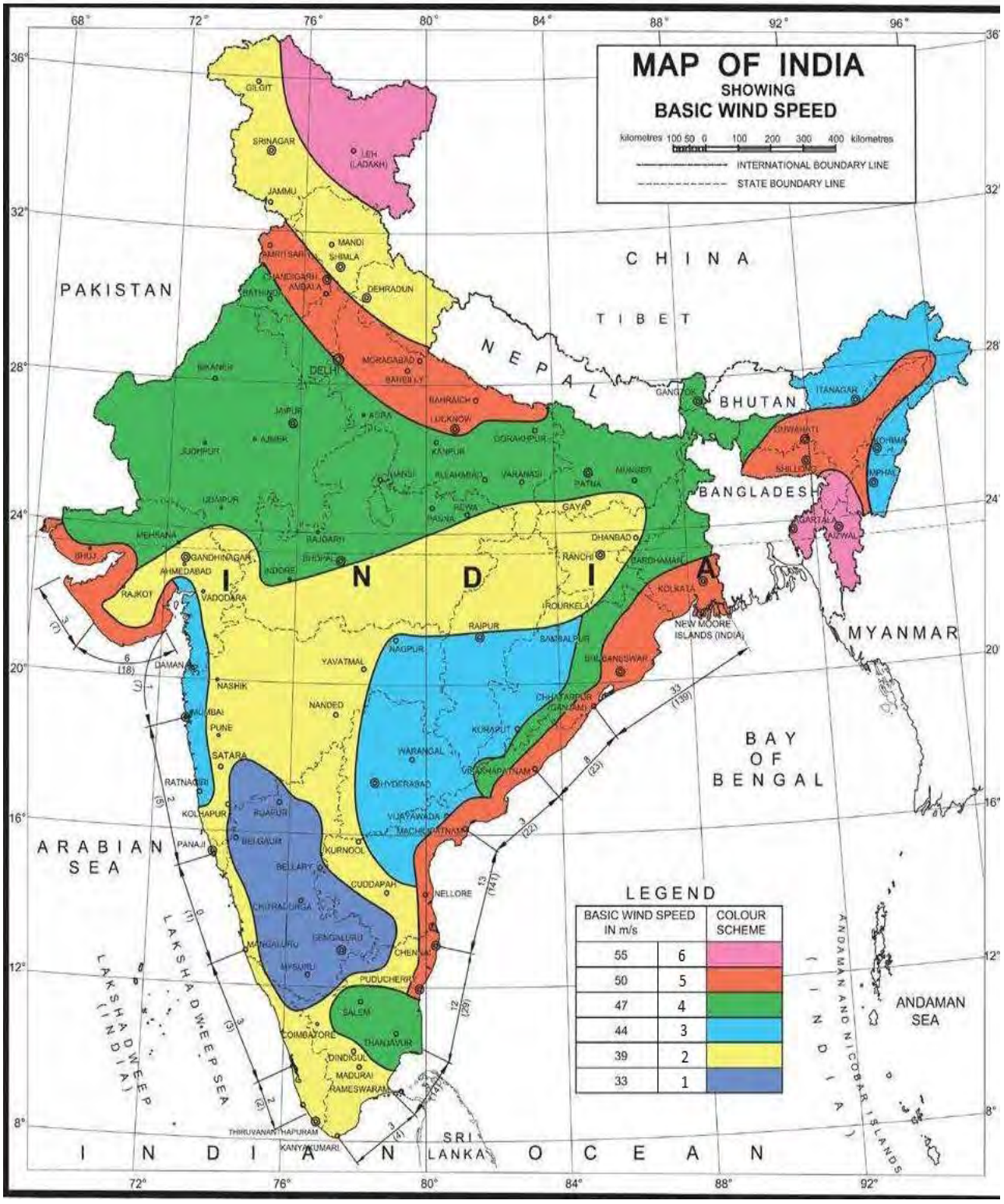
132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)					
Sl. NO.	**Section AP to AP**	**Name of the Forest**	**Type of Forest (Reserved/Protected/Social/Revenue)**	**Forest Stretches(m)**	**Forest Stretches (Sqm)**
1	AP-54-AP-56	Reserved Forest	Reserved Forest	1877	50679
2	AP-60-AP-62	Reserved Forest	Reserved Forest	2050	55350

Wildlife/Elephant Corridor/Bird Sanctuary/GIB Crossings

132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)				
Sl. No.	**Section AP to AP**	**Name of the Wildlife**	**Type of Wildlife (Reserved/Protected/Social/Revenue)**	**Wildlife Stretches(m)**
Nil				

5.5: Wind Zone Map

Wind Zone: The Proposed transmission line "132 kV D/c Line from 132 kV Deori (Proposed) to 400/220/132 kV Sakoli (New)" is passing through wind zone-III.



5.6: Result & Conclusion

Results & Conclusion

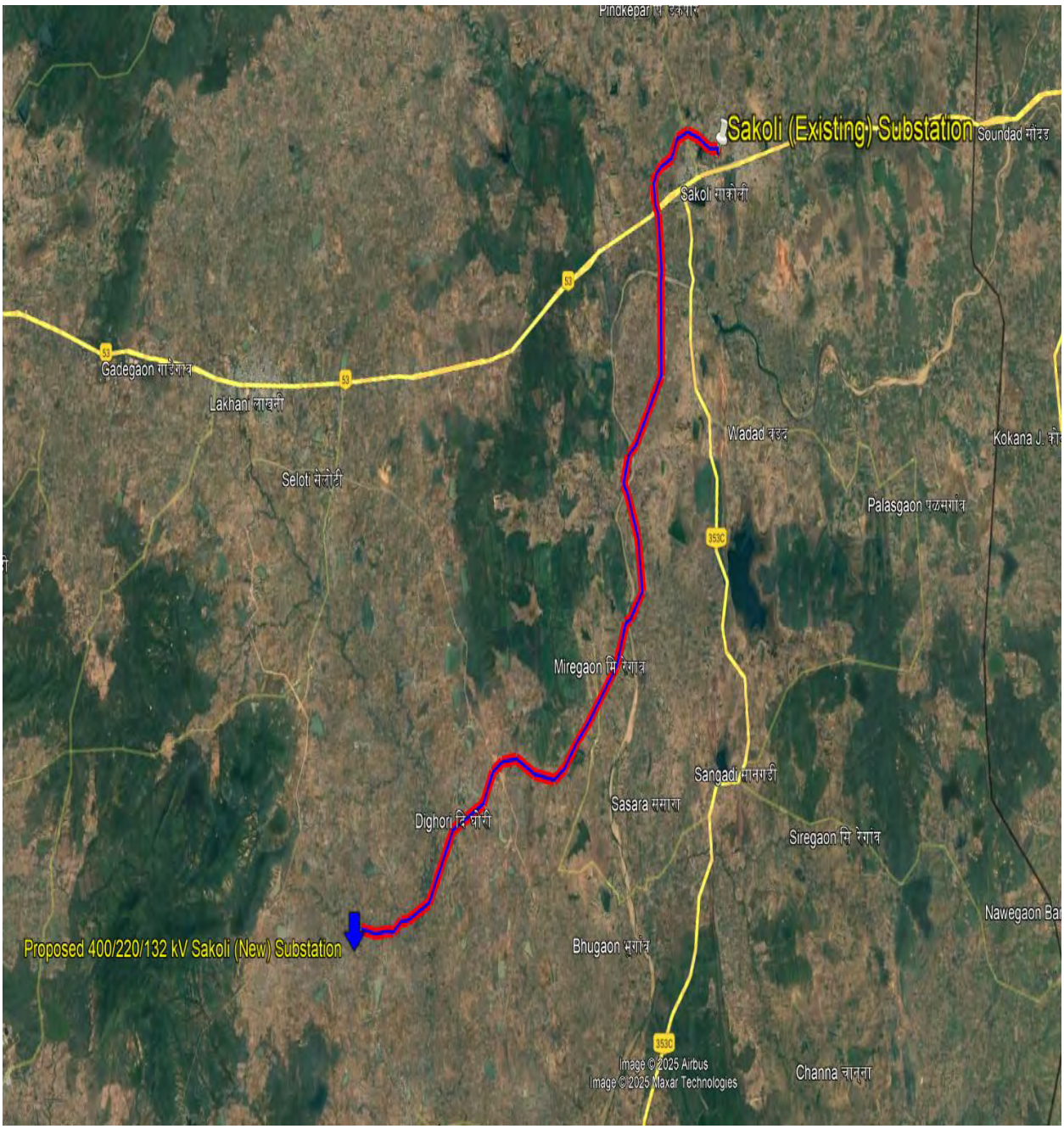
Referring to angle point summary and after initial inspection of physical maps updated with satellite images and walk over survey, the proposed route corridors was explored for the best route alignment. Special attention has been given to the existing EHV lines, forest, reserved forest, river crossings, national/state highways, minimum route length and habitation including plantation. After detailed analysis, the proposed transmission line route has been observed as most viable route for alignment due to its good approach, for construction and maintenance of the transmission line after construction. Finally, the Route marked Red in the route alignment drawing as has been proposed final route

5.7: Route Alignment Map on Digital Toposheets

Section: 6

6.0: 132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)

Snapshot of KMZ file for the proposed 132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)



6.1 : Coordinates of both ends

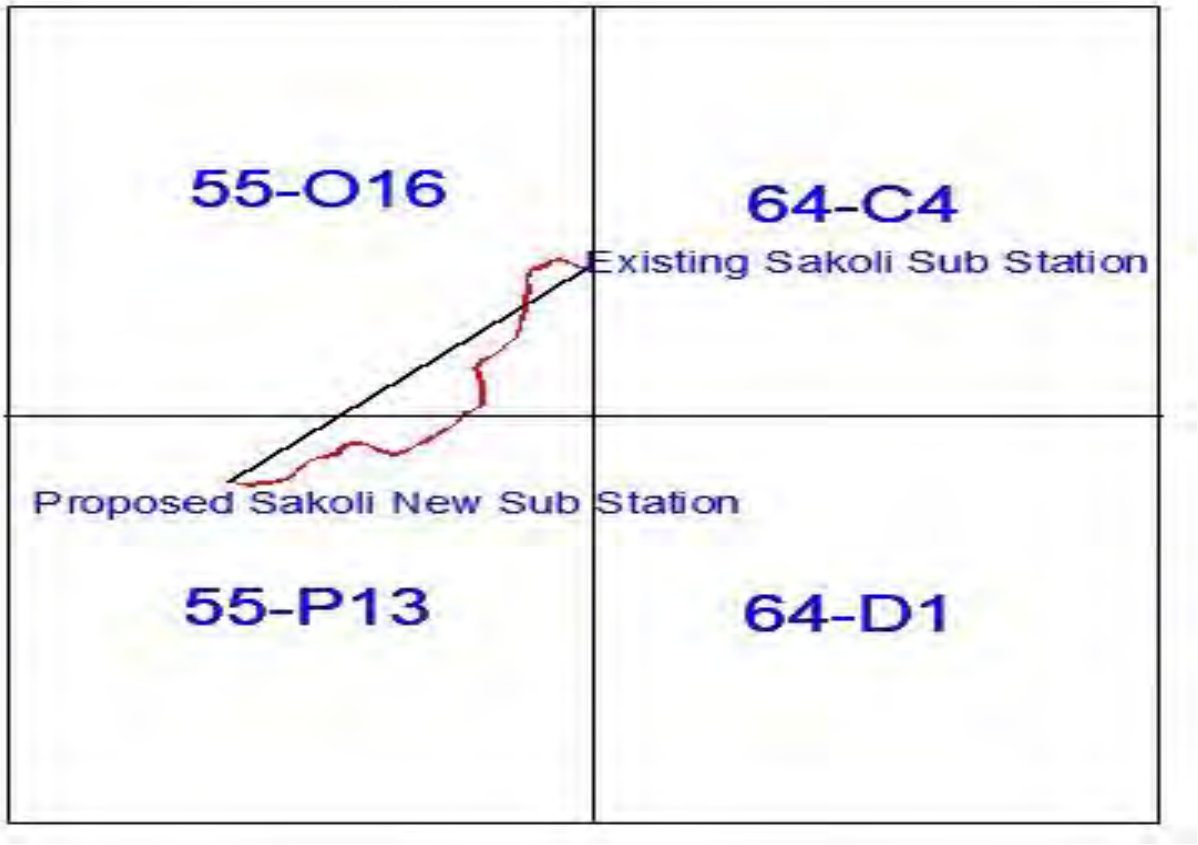
Substation Details

Name of the substation	Latitude	Longitude
132 kV Sakoli Substation (existing) Village: Sakoli Taluka: Sakoli District: Bhandara State: Maharashtra	21º 5' 23.4" N	80º 0' 1.22" E
Proposed 400/220/132 kV Sakoli (New) Substation Village: Macharana Taluka: Lakhani District: Bhandara State: Maharashtra	20º 57' 31" N	79º 50' 52.93" E

Note: The exact coordinates for construction of 132 kV line bays at Sakoli (Existing) substation for termination of 132 kV Sakoli (Existing) – Sakoli (New) D/c line is to be obtained from the developer of the substation during execution stage.

6.2 : Index Map of SOI Toposheets

Survey of India Toposheets Index Map (1:50000 scale)



6.3 : Angle Schedule of 132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
Gantry	380239	2317998	20º 57' 31" N	79º 50' 52.93" E		0		Proposed 400/220/132 kV Sakoli (New) Substation	265
					111				
AP1	380345	2317965	20º 57' 29.95" N	79º 50' 56.62" E		111	3°47'5.8"R		265
					425				
AP2	380742	2317812	20º 57' 25.09" N	79º 51' 10.4" E		536	17°51'0.5"L		263
					401				
AP3	381143	2317790	20º 57' 24.47" N	79º 51' 24.27" E		938	10°31'23.2"R		264
					234			SH-361 (Pohara-Palandur)	
AP4	381370	2317735	20º 57' 22.72" N	79º 51' 32.17" E		1172	41°21'20.8"L		260
					369				
AP5	381697	2317906	20º 57' 28.37" N	79º 51' 43.43" E		1540	34°30'40.3"R		259
					235			2.Nos of 132 kV D/c line	
AP6	381930	2317878	20º 57' 27.51" N	79º 51' 51.52" E		1776	22°16'9.7"L		261
					842			Chulband River	

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP7	382742	2318103	20º 57' 34.99" N	79º 52' 19.56" E		2617	35°36'15.5"L		261
					1754				
AP8	383844	2319466	20º 58' 19.6" N	79º 52' 57.4" E		4371	34°50'15.9"R		261
					1212				
AP9	385008	2319805	20º 58' 30.86" N	79º 53' 37.61" E		5583	36°41'9.2"L		267
					758				
AP10	385465	2320409	20º 58' 50.62" N	79º 53' 53.29" E		6340	30°4'33.4"R		274
					400				
AP11	385833	2320564	20º 58' 55.75" N	79º 54' 6.02" E		6741	25°26'54.9"R		275
					528				
AP12	386361	2320540	20º 58' 55.08" N	79º 54' 24.3" E		7269	34°14'56.7"R		271
					734				
AP13	386948	2320100	20º 58' 40.89" N	79º 54' 44.73" E		8002	16°32'2.6"L		268
					742				
AP14	387643	2319842	20º 58' 32.66" N	79º 55' 8.86" E		8744	42°5'54"L		265
					434				
AP15	388046	2320003	20º 58' 37.98" N	79º 55' 22.78" E		9178	19°20'34"L		263
					744				
AP16	388607	2320492	20º 58' 54.02" N	79º 55' 42.09" E		9922	8°9'23.2"R		265
					505				

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP17	389031	2320767	20º 59' 3.05" N	79º 55' 56.71" E		10428	6°28'57.2"L		259
					1656				
AP18	390311	2321819	20º 59' 37.54" N	79º 56' 40.78" E		12084	20°14'19"L		263
					1005				
AP19	390818	2322687	21º 0' 5.87" N	79º 56' 58.16" E		13089	44°7'39.1"R		259
					198			Chulband River	
AP20	391009	2322740	21º 0' 7.63" N	79º 57' 4.75" E		13287	27°57'45.5"L		259
					743				
AP21	391548	2323251	21º 0' 24.37" N	79º 57' 23.29" E		14030	43°59'4.7"L		261
					1184				
AP22	391599	2324434	21º 1' 2.85" N	79º 57' 24.82" E		15214	14°3'51.4"L		262
					1003				
AP23	391399	2325416	21º 1' 34.76" N	79º 57' 17.65" E		16216	9°14'21.8"L		263
					323			Chulband River	
AP24	391284	2325718	21º 1' 44.54" N	79º 57' 13.61" E		16539	47°41'17.9"R		264
					645				
AP25	391576	2326293	21º 2' 3.32" N	79º 57' 23.59" E		17184	33°4'55.9"R		268
					364			Chulband River	
AP26	391891	2326475	21º 2' 9.31" N	79º 57' 34.47" E		17548	18°2'16.4"L		263
					1814				
AP27	393104	2327825	21º 2' 53.45" N	79º 58' 16.18" E		19362	31°59'36.7"L		267
					2149				
AP28	393475	2329941	21º 4' 2.35" N	79º 58' 28.57" E		21511	10°3'51.8"R		266
					193			Chulband River	

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP29	393541	2330122	21º 4' 8.26" N	79º 58' 30.81" E		21704	14°55'51.5"L		265
					1338				
AP30	393660	2331455	21º 4' 51.64" N	79º 58' 34.62" E		23042	23°16'21.5"L		266
					242			NH-53 (Soundad-Deori)	
AP31	393584	2331686	21º 4' 59.12" N	79º 58' 31.95" E		23285	20°30'23.3"R		268
					484				
AP32	393604	2332169	21º 5' 14.86" N	79º 58' 32.52" E		23769	31°18'52.4"R		269
					246				
AP33	393740	2332374	21º 5' 21.55" N	79º 58' 37.2" E		24015	25°53'46.9"R		267
					281				
AP34	393982	2332517	21º 5' 26.23" N	79º 58' 45.55" E		24296	14°28'42.9"R		266
					424				
AP35	394390	2332634	21º 5' 30.12" N	79º 58' 59.66" E		24720	37°52'3"L		266
					499				
AP36	394684	2333037	21º 5' 43.3" N	79º 59' 9.78" E		25220	43°14'1.3"R		274
					423				
AP37	395100	2333115	21º 5' 45.92" N	79º 59' 24.18" E		25643	38°11'24.4"R		272
					429				
AP38	395480	2332917	21º 5' 39.55" N	79º 59' 37.39" E		26071	13°19'42.8"R		275
					508				
MC39	395865	2332584	21º 5' 28.81" N	79º 59' 50.79" E		26580	32°45'16"L		274
					222				
MC40	396084	2332553	21º 5' 27.83" N	79º 59' 58.39" E		26801	0°46'46"L		278
					65				

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
MC41	396149	2332544	21º 5' 27.57" N	80º 0' 0.64" E		26867	88°43'8.8"R		281
					69				
MC42	396142	2332476	21º 5' 25.35" N	80º 0' 0.41" E		26935	6°10'59.6"L		283
					18				
MC43	396141	2332458	21º 5' 24.78" N	80º 0' 0.41" E		26953	0°59'39.9"R		283
					39				
AP44	396141	2332419	21º 5' 23.52" N	80º 0' 0.4" E		26992	81°31'49.3"L		282
					24				
Gantry	396164	2332415	21º 5' 23.4" N	80º 0' 1.22" E		27016		Existing Sakoli 132 kV Substation	283

6.4: Summary of Proposed 132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)

Summary of the Proposed Route		
Sl. No.	**Description**	**Proposed Route**
1	Bee line length	21.488 Km
	Line Length	27.016 Km
	a) Plain	80%
	b) Undulated terrain	20%
2	Terrain	Plain with Constraints
3	Snow bound Route (in Meters)	Nil
4	Length of line in heavy rainfall area which may affect working season (in Meters)	Nil
5	a) Angle Points	44 Nos.
6	Forest	No
	a) Reserve Forest	Nil
	b) Protected Forest	Nil
	c) Open Scrub	Along the Route
7	Wildlife infringement	Nil
8	Animal/Bird Sanctuary	Nil
9	infringement of endangered species habitat	Nil
10	National Park	Nil
11	Great Indian Bustard (GIB) area (Priority/ Potential Zone)	Nil
12	Creek, Marshy and low-laying area	Nil
13	No. of Pile/Special Foundation required	Nil
14	Transportation & Maintenance	Available
15	Power Line crossings (132kV & above)	2 Nos.
16	Telecom Line Crossing	Nil
17	Railway crossings	Nil
18	Airport/Air strip	Devojit International Airport
19	Upcoming Airport/Aviation zone/Airforce Station	Nil
20	Army cantonment/Mining/No go areas/Airstrips	Nil
21	River crossings	5 Nos.
	a) Major	Nil
	b) Minor	5 Nos.
22	NH Crossings	1 No.
23	SH Crossings	1 No.
24	Existing Gas/Petroleum/Oil Pipeline	Nil
25	Proposed Gas/Petroleum/Oil Pipeline	Nil
26	Land Availability (if required for Acquisition)	Available

Summary of the Proposed Route		
Sl. No.	**Description**	**Proposed Route**
	i) Extent of land available	Available
	ii) Land use pattern (agricultural, barren, forest etc.)	Agricultural
	iii) Land ownership (Govt. Private, trible, non-tribal etc)	Private
27	Approaches for construction	Available
28	Wind Zone	III
29	State	Maharashtra
30	District	Bhandara

Power Line Crossing (110 kV & above)

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)				
Sl. No.	**Circuit Details**	**Voltage rating in kV / Crossing**	**Name of Owner (SEB/DOT)**	**Crossing in between Angle Point**
1	Double Circuit	132 kV	(KAR.SAK) SAK.ASG	AP-5-AP-6
2	Double Circuit	132 kV	(KAR.SAK) SAK.ASG	AP-5-AP-6

Railway Line Crossings

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)						
Sl. No.	**Name of the Railway Line**	**Type of Gauge Broad / Metre / Narrow**	**Single/Double Line**	**Electrified / Non-Electrified**	**Remarks (Crossing in Between Locs.)**	**Pol.No**
Nil						

National Highway/State Highway Crossings

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)				
Sl. No.	**Name of the Road**	**Type Of Road National Highway / State Highway**	**Nearest City/Town from Crossing**	**Remarks (Crossing Between Loc. No.)**
1	Pohara-Palandur	S.H-361	Palandur	AP-3-AP-4
2	Soundad-Deori	N.H-53	Lakhani	AP-30-AP-31

River Crossing

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)								
Sl. No.	**Name of River**	**Approximate Span in Meters (bank to bank width)**	**Perennial / Weathered Flow**	**HFL Information**	**Navigable / Non - Navigable**	**Remarks (Crossing in Between Loc. No.)**	**Pile Foundation required**	**Mid-span Piles required**
1	Chulband River	20	Weathered Flow	NA	Non - Navigable	AP-6-AP-7	Not Required	Not Required
2	Chulband River	89	Weathered Flow	NA	Non - Navigable	AP-19-AP-20	Not Required	Not Required
3	Chulband River	109	Weathered Flow	NA	Non - Navigable	AP-23-AP-24	Not Required	Not Required
4	Chulband River	130	Weathered Flow	NA	Non - Navigable	AP-25-AP-26	Not Required	Not Required
5	Chulband River	95	Weathered Flow	NA	Non - Navigable	AP-28-AP-29	Not Required	Not Required

Forest Crossing

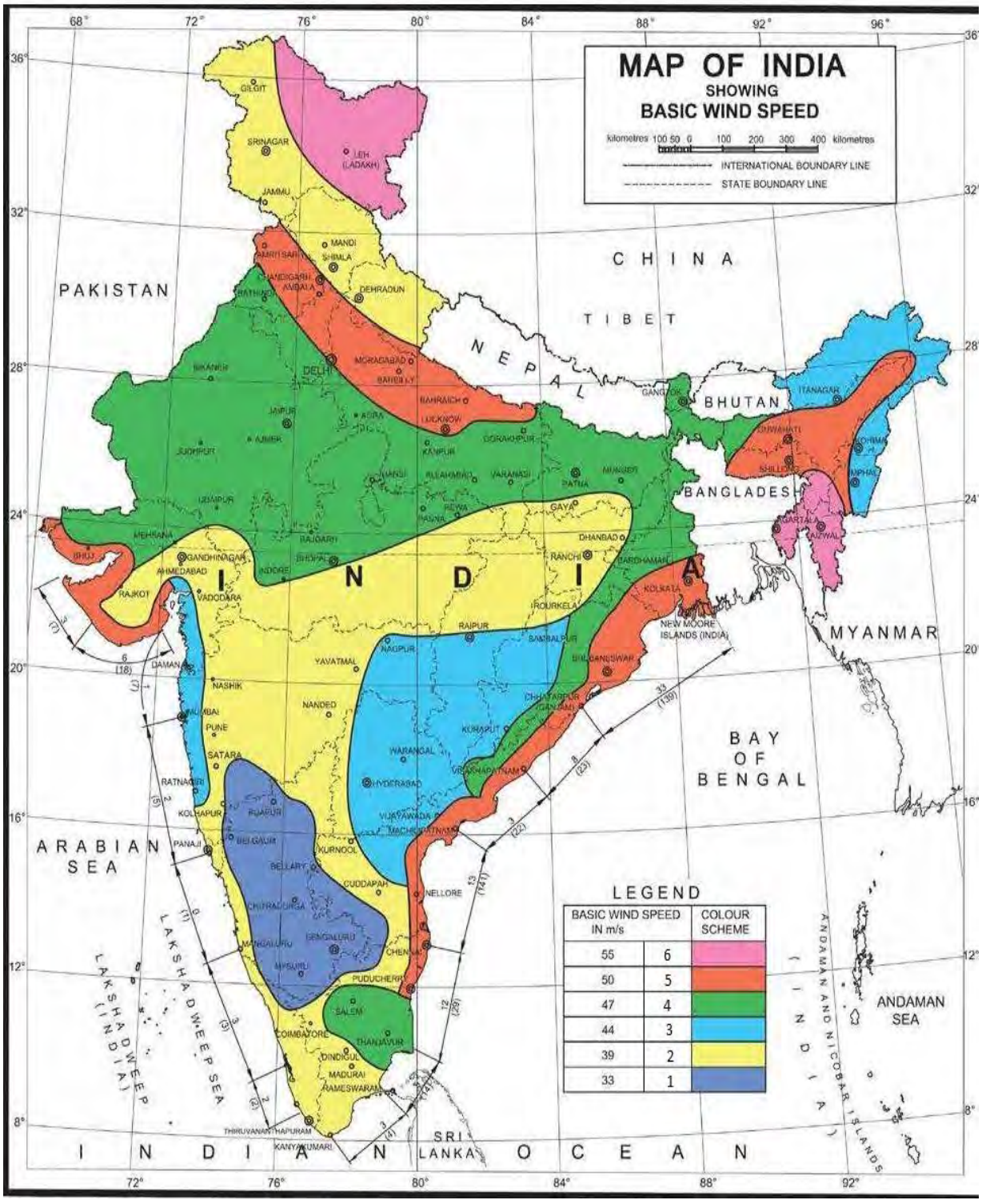
132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)					
Sl. NO.	**Section AP to AP**	**Name of the Forest**	**Type of Forest (Reserved/Protected/Social/Revenue)**	**Forest Stretches(m)**	**Forest Stretches (Sqm)**
Nil					

Wildlife/Elephant Corridor/Bird Sanctuary/GIB Crossings

132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)				
Sl. No.	**Section AP to AP**	**Name of the Wildlife**	**Type of Wildlife (Reserved/Protected/Social/Revenue)**	**Wildlife Stretches(m)**
Nil				

6.5: Wind Zone Map

Wind Zone: The Proposed transmission line “132 kV D/c Line from Sakoli (Existing) to 400/220/132 kV Sakoli (New)” is passing through wind zone-III.



6.6: Result & Conclusion

Results & Conclusion

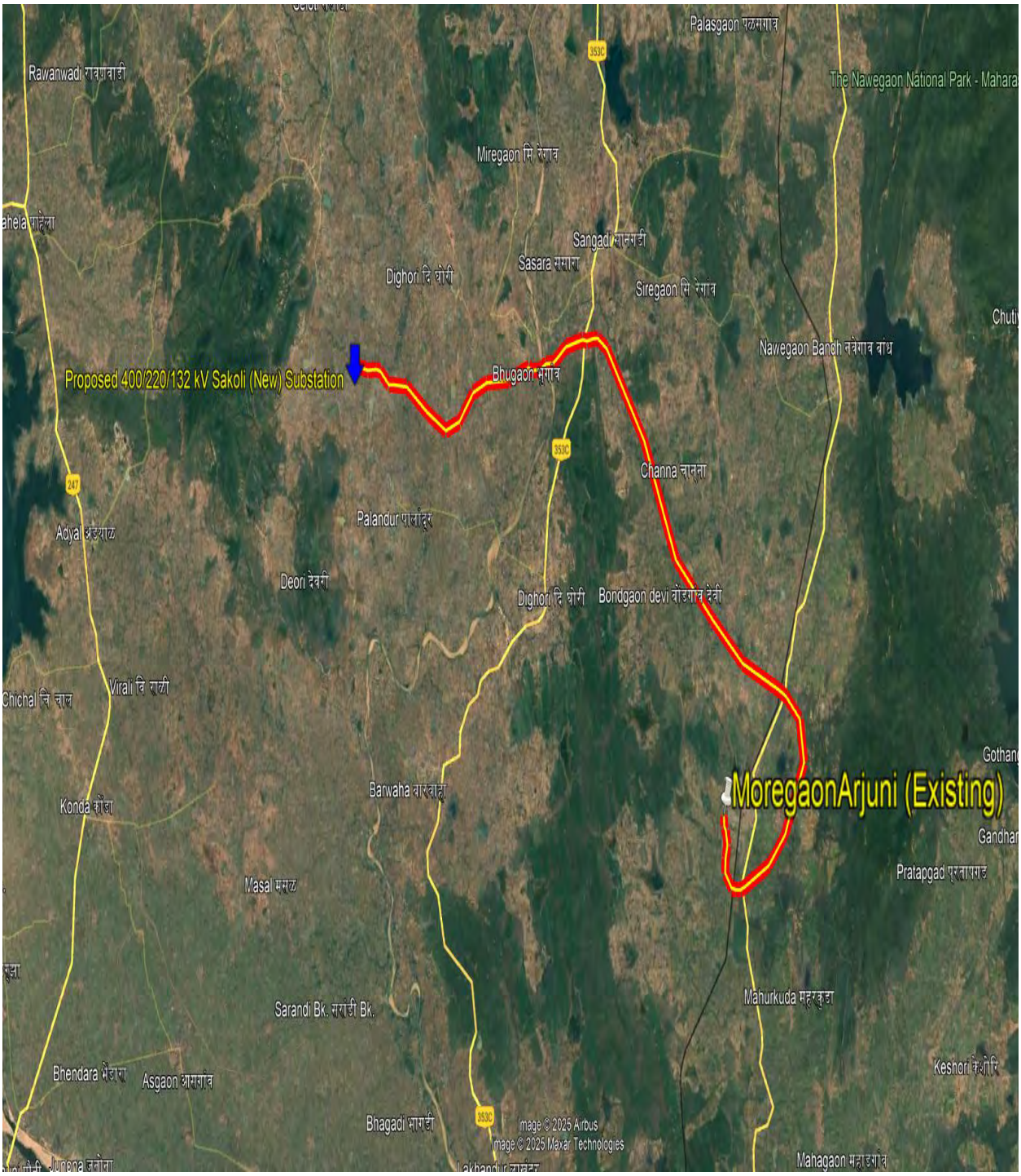
Referring to angle point summary and after initial inspection of physical maps updated with satellite images and walk over survey, the proposed route corridors was explored for the best route alignment. Special attention has been given to the existing EHV lines, forest, reserved forest, river crossings, national/state highways, minimum route length and habitation including plantation. After detailed analysis, the proposed transmission line route has been observed as most viable route for alignment due to its good approach, for construction and maintenance of the transmission line after construction. Finally, the Route marked Red in the route alignment drawing as has been proposed final route

6.7 : Route Alignment Map on Digital Toposheets

Section: 7

7.0: 132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)

Snapshot of KMZ file for the proposed 132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)



7.1: Coordinates of both ends

Substation Details

Name of the substation	Latitude	Longitude
132 kV Morgaon Arjuni Substation (existing) Village: Arjuni (NP) Taluka: Arjuni Moregaon District:Gondia State: Maharashtra	20º 49' 9.87" N	80º 0' 52.25" E
Proposed 400/220/132 kV Sakoli (New) Substation Village: Macharana Taluka: Lakhani District: Bhandara State: Maharashtra	20º 57' 25.87" N	79º 50' 51.56" E

Note: The exact coordinates for construction of 132 kV line bays at Moregaon Arjuni (Existing) substation for termination of 132 kV Moregaon Arjuni (Existing) – Sakoli (New) D/c line is to be obtained from the developer of the substation during execution stage.

7.2 : Index Map of SOI Toposheets

Survey of India Toposheets Index Map (1:50000 scale)


Proposed 400/220/ 132 kV Sakoli New S/s
55-P13
64-D1
Morgaon Arjani (Existing) 400/220/132 kV S/s

7.3 : Angle Schedule of 132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
Gantry	397453	2302475	20º 49' 9.87" N	80º 0' 52.25" E		0		Existing 132 kV Moregaon Arjani Substation	273
					53				
AP1	397452	2302422	20º 49' 8.15" N	80º 0' 52.24" E		53	6°15'10"R		270
					239				
AP2	397423	2302184	20º 49' 0.42" N	80º 0' 51.27" E		292	31°6'6.4"L		266
					149			132 kV D/c line	
AP3	397484	2302048	20º 48' 55.99" N	80º 0' 53.41" E		442	21°41'8.8"R		267
					390				
AP4	397500	2301658	20º 48' 43.31" N	80º 0' 54.04" E		832	28°55'28.3" R		267
					379				
AP5	397330	2301319	20º 48' 32.25" N	80º 0' 48.25" E		1211	13°45'35.4"L		264
					387				
AP6	397245	2300942	20º 48' 19.98" N	80º 0' 45.36" E		1598	43°38'52.9"L		261
					524				
AP7	397513	2300492	20º 48' 5.4" N	80º 0' 54.75" E		2121	37°1'9.1"L		266
					250			Railway Line	

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
								(Single Track Electrified-Wadegaon-Arjuni)	
AP8	397745	2300398	20º 48' 2.38" N	80º 1' 2.78" E		2372	12°11'11.7"L		265
					243			Reserved Forest	
AP9	397984	2300356	20º 48' 1.06" N	80º 1' 11.06" E		2614	18°45'40.1"L		262
					233			SH-11 (Armori-Bhandara Hwy & Reserved Forest	
AP10	398214	2300392	20º 48' 2.27" N	80º 1' 19.01" E		2847	4°22'46.9"L		261
					1415				
AP11	399592	2300714	20º 48' 13.03" N	80º 2' 6.61" E		4263	19°29'40.9"L		261
					1209				
AP12	400610	2301367	20º 48' 34.45" N	80º 2' 41.67" E		5471	19°1'21.5"L		266
					814				
AP13	401114	2302005	20º 48' 55.32" N	80º 2' 58.99" E		6285	0°43'34"R		266
					1377				
AP14	401982	2303076	20º 49' 30.29" N	80º 3' 28.78" E		7663	39°37'36"L		275

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					1189				
AP15	401969	2304264	20º 50' 8.95" N	80º 3' 28.11" E		8851	39°48'40.6"L		283
					946				
AP16	401356	2304985	20º 50' 32.26" N	80º 3' 6.75" E		9797	13°11'59.6"L		280
					236			S.H-11 (Armori-Bhandara)	
AP17	401166	2305125	20º 50' 36.78" N	80º 3' 0.14" E		10033	3°16'4"L		282
					229			Railway line (Single Track Electrified-Wadegaon-Arjuni)	
AP18	400974	2305250	20º 50' 40.81" N	80º 2' 53.48" E		10262	2°59'1.9"L		282
					2040				
AP19	399210	2306274	20º 51' 13.78" N	80º 1' 52.23" E		12302	16°2'26.7"R		277
					2008				
AP20	397820	2307723	20º 52' 0.62" N	80º 1' 3.83" E		14310	3°8'9.2"R		272
					2547				
AP21	396159	2309654	20º 53' 3.12" N	80º 0' 5.95" E		16857	22°55'35.6" R		269
					3615				

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP22	395057	2313097	20º 54' 54.88" N	79º 59' 27.04" E		20473	11°8'26"L		266
					3210				
AP23	393506	2315907	20º 56' 25.94" N	79º 58' 32.74" E		23682	21°7'8.8"L		261
					561				
AP24	393076	2316268	20º 56' 37.57" N	79º 58' 17.78" E		24243	31°45'53.6"L		163
					243			SH-366 (Sangadi-Sakoli)	
AP25	392835	2316302	20º 56' 38.65" N	79º 58' 9.44" E		24486	8°17'31.3"R		274
					352				
AP26	392484	2316302	20º 56' 38.56" N	79º 57' 57.27" E		24838	19°29'41.6"L		266
					239			NH-353 C (Sakoli-Warsa)	
AP27	392258	2316381	20º 56' 41.11" N	79º 57' 49.43" E		25077	21°18'42.4" R		263
					920				
AP28	391338	2316351	20º 56' 39.92" N	79º 57' 17.6" E		25998	20°24'56.3"L		260
					800				
AP29	390598	2316048	20º 56' 29.89" N	79º 56' 52.05" E		26797	29°10'15.8"L		259
					414				
AP30	390187	2316097	20º 56' 31.42" N	79º 56' 37.79" E		27212	23°8'31.1"R		259
					332			Chulband River	
AP31	389868	2316004	20º 56' 28.32" N	79º 56' 26.77" E		27544	22°12'40"L		260

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					423				
AP32	389447	2316048	20º 56' 29.65" N	79º 56' 12.19" E		27967	25°15'57.4" R		258
					220			400 kV D/c-TN.558-TN.559 (RPR.WRD) PGCIL	
AP33	389258	2316162	20º 56' 33.32" N	79º 56' 5.64" E		28188	37°54'55.5" R		257
					1154				
AP34	388112	2316027	20º 56' 28.69" N	79º 55' 25.99" E		29342	13°50'16"L		261
					1183				
AP35	386938	2316174	20º 56' 33.2" N	79º 54' 45.31" E		30525	16°23'38.3" R		265
					787				
AP36	386161	2316047	20º 56' 28.9" N	79º 54' 18.45" E		31312	26°41'31.6"L		267
					1086				
AP37	385282	2315409	20º 56' 7.97" N	79º 53' 48.18" E		32398	28°35'28.6" R		268
					770				
AP38	384519	2315310	20º 56' 4.58" N	79º 53' 21.76" E		33168	43°39'16.7"L		265
					1153				
AP39	383589	2315993	20º 56' 26.56" N	79º 52' 49.42" E		34321	5°53'2.7"R		259
					1276				
AP40	382643	2316849	20º 56' 54.21" N	79º 52' 16.46" E		35597	27°25'53.3"L		258

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					740			Chulband River	
AP41	381928	2317038	20º 57' 0.17" N	79º 51' 51.64" E		36337	4°49'10.3"L		263
					231			132 kV D/c line	
AP42	381700	2317077	20º 57' 1.41" N	79º 51' 43.74" E		36569	38°25'27.7" R		263
					602				
AP43	381300	2317527	20º 57' 15.94" N	79º 51' 29.77" E		37171	26°17'45.1"L		263
					231			SH-361 (Pohara-Palandur)	
AP44	381086	2317614	20º 57' 18.71" N	79º 51' 22.34" E		37401	15°23'25.2"L		261
					440				
AP45	380649	2317665	20º 57' 20.27" N	79º 51' 7.2" E		37841	15°2'58.7"R		264
					372				
AP46	380303	2317802	20º 57' 24.66" N	79º 50' 55.21" E		38213	1°43'46.3"L		268
					112				
Gantry	380198	2317840	20º 57' 25.87" N	79º 50' 51.56" E		38325		Proposed 400/220/132 kV Sakoli (New) Substation	265

7.4: Summary of Proposed 132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)

Summary of the Proposed Route		
Sl. No.	**Description**	**Proposed Route**
1	Bee line length	23.111km
	Line Length	38.325Km
	a) Plain	75%
	b) Undulated terrain	25%
2	Terrain	Plain with Constraints
3	Snow bound Route (in Meters)	Nil
4	Length of line in heavy rainfall area which may affect working season (in Meters)	Nil
5	a) Angle Points	46 Nos.
6	Forest	225 Mtr
	a) Reserve Forest	225 Mtr
	b) Protected Forest	Nil
	c) Open Scrub	Along the Route
7	Wildlife infringement	Nil
8	Animal/Bird Sanctury	Nil
9	infringement of endangered species habitat	Nil
10	National Park	Nil
11	Great Indian Bustard (GIB) area (Priority/ Potential Zone)	Nil
12	Creek, Marshy and low-laying area	Nil
13	No. of Pile/Special Foundation required	Nil
14	Transportation & Maintenance	Available
15	Power Line crossings (132kV & above)	3 Nos.
16	Telecom Line Crossing	Nil
17	Railway crossings	2 Nos.
18	Airport/Air strip	Devojit International Airport Nagpur
19	Upcoming Airport/Aviation zone/Airforce Station	Nil
20	Army cantonment/Mining/No go areas/Airstrips	Nil
21	River crossings	2 Nos.
	a) Major	Nil
	b) Minor	2 Nos.
22	NH Crossings	1 No.
23	SH Crossings	4 Nos.
24	Existing Gas/Petroleum/Oil Pipeline	Nil
25	Proposed Gas/Petroleum/Oil Pipeline	Nil
26	Land Availability (if required for Acquisition)	Available
	i) Extent of land available	Available

Summary of the Proposed Route		
Sl. No.	**Description**	**Proposed Route**
	ii) Land use pattern (agricultural, barren, forest etc.)	Agricultural
	iii) Land ownership (Govt. Private, trible, non-tribal etc)	Private
27	Approaches for construction	Available
28	Wind Zone	III
29	State	Maharashtra
30	District	Bhandara, Gondia

Power Line Crossing (110 kV & above)

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)				
Sl. No.	**Circuit Details**	**Voltage rating in kV / Crossing**	**Name of Owner (SEB/DOT)**	**Crossing in between Angle Point**
1	Double Circuit	132 kV	(KAR.SAK) SAK.ASG	AP-2-AP-3
2	Double Circuit	400 kV	TN.558-TN.559 (RPR.WRD) PGCIL	AP-32-AP-33
3	Double Circuit	132 kV		AP-41-AP-42

Railway Line Crossing

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)						
Sl. No.	**Name of the Railway Line**	**Type of Gauge Broad / Metre / Narrow**	**Single/Double Line**	**Electrified / Non-Electrified**	**Remarks (Crossing in Between Locs.)**	**Pol.No**
1	Wadegaon-Arjuni	Broad	Single	Electrified	AP-7-AP-8	
2	Wadegaon-Arjuni	Broad	Single	Electrified	AP-17-AP-18	

National Highway/State Highway Crossings

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)				
Sl. No.	**Name of the Road**	**Type Of Road National Highway / State Highway**	**Nearest City/Town from Crossing**	**Remarks (Crossing Between Loc. No.)**
1	Armori-Bhandara Hwy	S.H-11	Wadsa	AP-9-AP-10
2	Armori-Bhandara Hwy	S.H-12	Wadsa	AP-16-AP-17
3	Sangadi-Sakoli	S.H-366	Sangadi	AP-24-AP-25
4	Sakoli-Warsa	N.H-353 C	Wadsa	AP-26-AP-27
5	Pohara-Palandur	S.H-361		AP-43-AP44

River Crossing

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)								
Sl. No.	**Name of River**	**Approximate Span in Meters (bank to bank width)**	**Perennial / Weathered Flow**	**HFL Information**	**Navigable / Non - Navigable**	**Remarks (Crossing in Between Loc. No.)**	**Pile Foundation required**	**Mid-span Piles required**
1	Chulband River	160	Weathered Flow	NA	Non - Navigable	AP-30-AP-31	Not Required	Not Required
2	Chulband River	60	Weathered Flow	NA	Non - Navigable	AP-40-AP-41	Not Required	Not Required

Forest Crossing

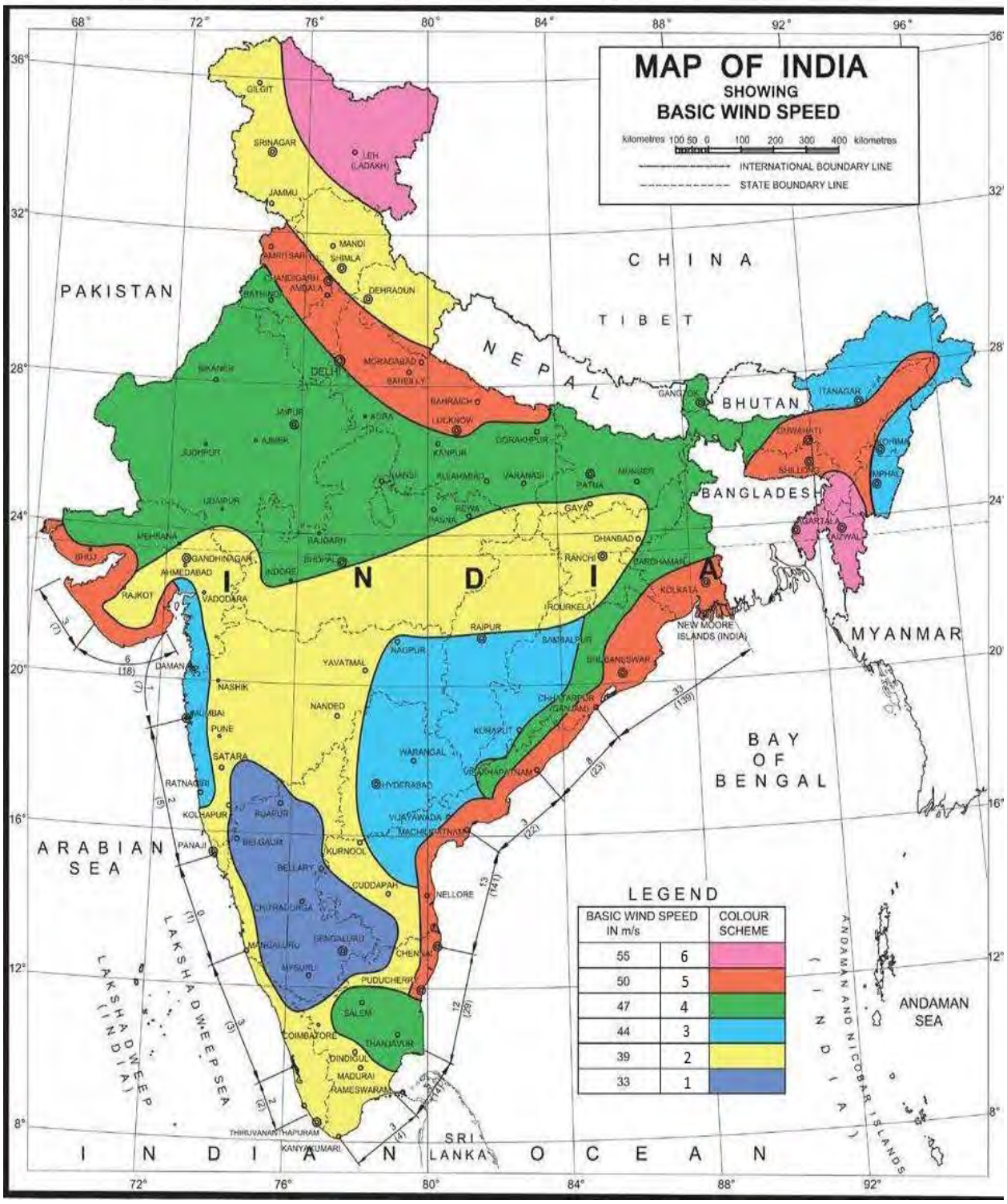
132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)					
Sl. NO.	**Section AP to AP**	**Name of the Forest**	**Type of Forest (Reserved/Protected/Social/Revenue)**	**Forest Stretches(m)**	**Forest Stretches (Sqm)**
1	AP-8-AP-10	Reserved Forest	Reserved Forest	225	6075

Wildlife/Elephant Corridor/Bird Sanctuary/GIB Crossings

132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)				
Sl. No.	**Section AP to AP**	**Name of the Wildlife**	**Type of Wildlife (Reserved/Protected/Social/Revenue)**	**Wildlife Stretches(m)**
1	Nil			

7.5: Wind Zone Map

Wind Zone: The Proposed transmission line “132 kV D/c Line from 132 kV Moregaon Arjuni (Existing) to 400/220/132 kV Sakoli (New)” is passing through wind zone-III.



7.6 : Result & Conclusion

Results & Conclusion

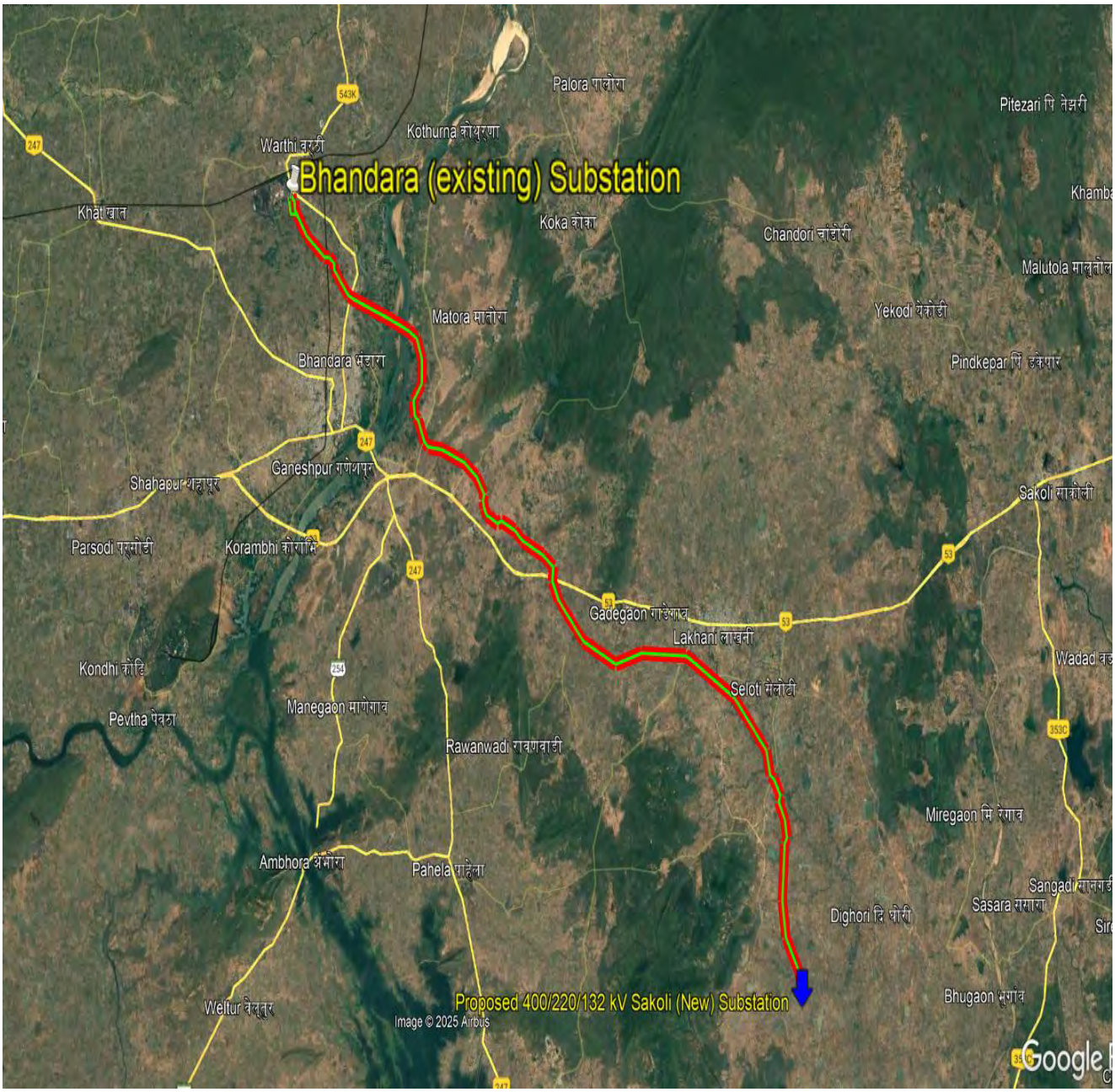
Referring to angle point summary and after initial inspection of physical maps updated with satellite images and walk over survey, the proposed route corridors was explored for the best route alignment. Special attention has been given to the existing EHV lines, forest, reserved forest, river crossings, national/state highways, minimum route length and habitation including plantation. After detailed analysis, the proposed transmission line route has been observed as most viable route for alignment due to its good approach, for construction and maintenance of the transmission line after construction. Finally, the Route marked Red in the route alignment drawing as has been proposed final route

7.7 : Route Alignment Map on Digital Toposheets

Section: 8

8.0: 220 kV D/c Line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)

Snapshot of KMZ file for the proposed 220 kV D/c Line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)



8.1: Coordinates Of both ends

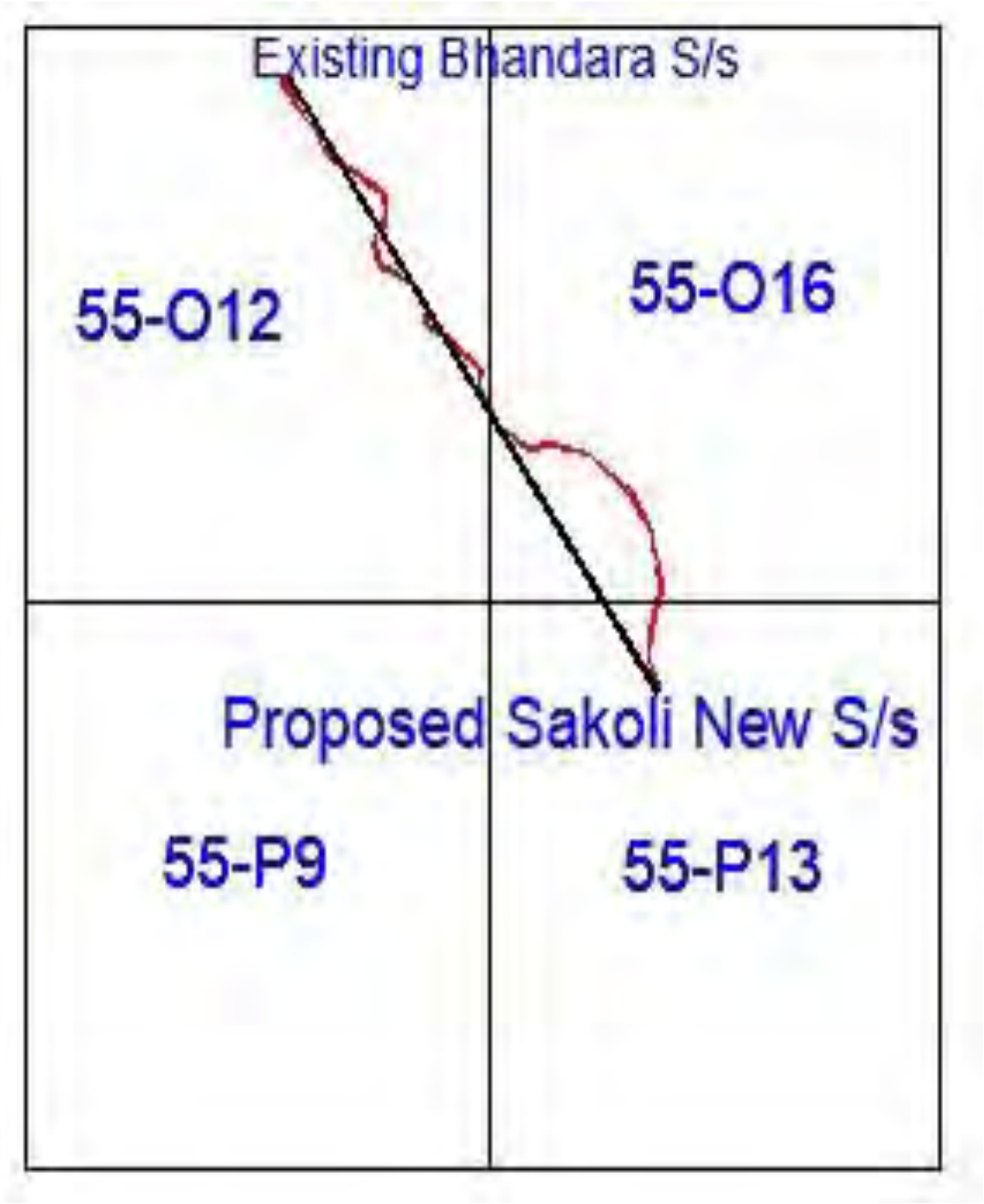
Substation Details

Name of the substation	Latitude	Longitude
220 kV Bhandara Substation (existing) Village: Ekalari Taluka: Mohadi District: Bhandara State: Maharashtra	21º 13' 48.68" N	79º 38' 23.28" E
400/220/132 kV Sakoli (New) Substation (Proposed) Village: Macharana Taluka: Lakhani District: Bhandara State: Maharashtra	20º 57' 34.2" N	79º 50' 42.24" E

Note: The exact coordinates for construction of 132 kV line bays at Sakoli (New) substation for termination of 132 kV Sakoli (New) – 220 kV Bhandara (existing) D/c line is to be obtained from the developer of the substation during execution stage.

8.2 : Index Map of SOI Toposheets

Survey of India Toposheets Index Map (1:50000 scale)



8.3 : Angle Schedule of 220 kV D/c Line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
Gantry	379931	2318098	20º 57' 34.2" N	79º 50' 42.24" E		0		Proposed 400/220/132 kV Sakoli (New) Substation	270
					113				
AP1	379957	2318209	20º 57' 37.8" N	79º 50' 43.11" E		113	19°52'53.4"L		267
					311				
AP2	379921	2318518	20º 57' 47.84" N	79º 50' 41.78" E		425	13°30'21.2"L		267
					1289				
AP3	379476	2319728	20º 58' 27.1" N	79º 50' 26.1" E		1714	22°5'12.9"R		274
					1203				
AP4	379517	2320930	20º 59' 6.21" N	79º 50' 27.21" E		2917	12°33'10.1"R		272
					1869				
AP5	379985	2322739	21º 0' 5.15" N	79º 50' 42.95" E		4785	27°7'7.4"R		270
					229			SH-361 (Pohara – Palandur)	

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP6	380137	2322911	21º 0' 10.75" N	79º 50' 48.17" E		5014	41°16'53.6"L		268
					589				
AP7	380140	2323500	21º 0' 29.92" N	79º 50' 48.14" E		5604	17°14'46.6"L		273
					672				
AP8	379945	2324143	21º 0' 50.77" N	79º 50' 41.21" E		6275	49°1'50.5"R		274
					220			132 kV D/c line	
AP9	380062	2324329	21º 0' 56.87" N	79º 50' 45.22" E		6496	52°38'19.7"L		270
					616				
AP10	379846	2324906	21º 1' 15.59" N	79º 50' 37.59" E		7112	24°5'56.9"L		268
					239			SH-361 (Pohara-Palandur)	
AP11	379678	2325077	21º 1' 21.09" N	79º 50' 31.72" E		7351	41°48'27.3"R		267
					821				
AP12	379637	2325897	21º 1' 47.75" N	79º 50' 30.12" E		8172	29°57'47.5"L		269
					2360				
AP13	378359	2327881	21º 2' 51.97" N	79º 49' 45.36" E		10532	17°31'55.4"L		272
					2623				

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP14	376341	2329556	21º 3' 45.95" N	79º 48' 35" E		13155	5°42'56.2"L		278
					221			SH-360 (Lakhani-Adyal)	
AP15	376158	2329679	21º 3' 49.91" N	79º 48' 28.63" E		13376	21°14'6.8"L		278
					2260				
AP16	373954	2330177	21º 4' 5.57" N	79º 47' 12.13" E		15635	17°51'53.3"R		288
					1374				
AP17	372585	2330054	21º 4' 1.24" N	79º 46' 24.75" E		17009	39°48'56.8"L		294
					1814				
AP18	371093	2331087	21º 4' 34.44" N	79º 45' 32.78" E		18824	22°34'25.4"R		290
					1872				
AP19	370081	2332661	21º 5' 25.39" N	79º 44' 57.27" E		20696	16°17'10.6"R		290
					681				
AP20	369888	2333315	21º 5' 46.59" N	79º 44' 50.41" E		21377	34°31'42.4"R		285
					262			NH-53 (Bhandra-Lakhani) , 66 kV D/c H Pol	
AP21	369969	2333563	21º 5' 54.7" N	79º 44' 53.15" E		21639	4°59'18.5"L		284

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					216			66 kV D/c H Pol	
AP22	370018	2333774	21º 6' 1.56" N	79º 44' 54.79" E		21855	56°45'7.1"L		283
					644				
AP23	369573	2334240	21º 6' 16.6" N	79º 44' 39.25" E		22499	11°29'43.3"L		284
					1150				
AP24	368629	2334897	21º 6' 37.73" N	79º 44' 6.35" E		23649	16°14'35.1"R		281
					520				
AP25	368303	2335301	21º 6' 50.79" N	79º 43' 54.92" E		24169	16°0'13"L		280
					755				
AP26	367685	2335735	21º 7' 4.74" N	79º 43' 33.38" E		24924	50°38'43"R		288
					215			132 kV D/c line	
AP27	367478	2335678	21º 7' 2.81" N	79º 43' 26.22" E		25139	52°42'22"L		286
					630				
AP28	366975	2336058	21º 7' 15.06" N	79º 43' 8.7" E		25770	34°43'30.5"R		284
					259				
AP29	366895	2336304	21º 7' 23.04" N	79º 43' 5.84" E		26028	13°38'24.4"R		281
					255				
AP30	366875	2336558	21º 7' 31.29" N	79º 43' 5.08" E		26283	32°40'14.2"R		281
					217			132 kV D/c line	
AP31	366977	2336750	21º 7' 37.55" N	79º 43' 8.58" E		26500	52°3'17.8"L		281
					709				
AP32	366690	2337398	21º 7' 58.54" N	79º 42' 58.45" E		27209	19°10'25"L		276
					778				
AP33	366159	2337966	21º 8' 16.89" N	79º 42' 39.88" E		27987	16°12'39.2"L		276

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					1216				
AP34	365114	2338588	21º 8' 36.82" N	79º 42' 3.49" E		29203	13°12'8"L		269
					712				
AP35	364436	2338802	21º 8' 43.61" N	79º 41' 39.91" E		29914	31°39'20.8"R		271
					242			400 kV D/c line	
AP36	364278	2338985	21º 8' 49.52" N	79º 41' 34.38" E		30156	26°52'25.3"R		271
					803				
AP37	364084	2339764	21º 9' 14.8" N	79º 41' 27.46" E		30959	31°12'54.8"L		274
					212			132 kV D/c line	
AP38	363934	2339914	21º 9' 19.62" N	79º 41' 22.2" E		31171	48°38'43.4"R		270
					528				
AP39	363966	2340441	21º 9' 36.77" N	79º 41' 23.16" E		31699	44°9'48.7"R		274
					717				
AP40	364496	2340924	21º 9' 52.62" N	79º 41' 41.39" E		32416	37°22'43.7"L		270
					816				
AP41	364642	2341727	21º 10' 18.77" N	79º 41' 46.21" E		33232	21°25'33.8"L		275
					717				
AP42	364503	2342430	21º 10' 41.59" N	79º 41' 41.21" E		33948	37°13'35.2"L		272
					488				
AP43	364138	2342754	21º 10' 52.04" N	79º 41' 28.46" E		34437	9°38'59.2"L		271
					1018			Wainanga River	
AP44	363275	2343293	21º 11' 9.34" N	79º 40' 58.37" E		35454	2°1'43.9"L		272
					2067			Sur River	
AP45	361484	2344325	21º 11' 42.4" N	79º 39' 55.98" E		37521	6°49'19.9"R		272

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					236			SH-271 (Warthi – Bhandara)	
AP46	361295	2344466	21º 11' 46.93" N	79º 39' 49.39" E		37757	22°41'57.8"R		271
					1108			66 kV D/c line	
AP47	360732.417	2345419.621	21º 12' 17.8" N	79º 39' 29.6" E		38864	38°4'13"R		272
					218			132 kV D/c line	
AP48	360761.02	2345635.779	21º 12' 24.84" N	79º 39' 30.53" E		39082	47°12'35.6"L		271
					319				
AP49	360557.216	2345881.506	21º 12' 32.77" N	79º 39' 23.39" E		39402	39°15'0.7"L		274
					250			Railway line (Single Track Electrified-Bhandara-Khat)	
AP50	360311.998	2345929.517	21º 12' 34.27" N	79º 39' 14.87" E		39651	37°1'31.4"R		275
					1183				
AP51	359522	2346810	21º 13' 2.68" N	79º 38' 47.22" E		40834	17°47'11.3"R		277
					780				
AP52	359203	2347522	21º 13' 25.75" N	79º 38' 35.95" E		41615	0°24'51.7"L		284
					265				
AP53	359093	2347763	21º 13' 33.56" N	79º 38' 32.06" E		41880	34°11'56.8"R		285

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
					130			220 kV S/c line	
AP54	359115	2347892	21º 13' 37.74" N	79º 38' 32.78" E		42010	5°16'2.8"L		287
					152			132 kV D/c line & 2 Nos. of 220 kV D/c line	
AP55	359127	2348043	21º 13' 42.67" N	79º 38' 33.14" E		42162	48°41'28.7"L		285
					145				
AP56	359025	2348147	21º 13' 46.03" N	79º 38' 29.59" E		42307	39°21'8.5"R		287
					113				
Gantry	359016	2348260	21º 13' 49.7" N	79º 38' 29.22" E		42421			286
AP52	359203	2347522	21º 13' 25.75" N	79º 38' 35.95" E		42421	44°35'38.9"L		284
					135				
AP52 A	359095	2347602	21º 13' 28.31" N	79º 38' 32.16" E		42555	24°52'48"L		284
					222			2.Nos -132 kV D/c line	
AP52 B	358877	2347646	21º 13' 29.68" N	79º 38' 24.58" E		42778	57°39'10.3"R		281
					80				
AP52 C	358848	2347721	21º 13' 32.1" N	79º 38' 23.57" E		42858	25°39'24.5"R		279
					96				
AP52 D	358856	2347816	21º 13' 35.2" N	79º 38' 23.81" E		42954	8°7'35.5"L		284
					114			220 kV D/c & 132 kV S/c line	
AP52 E	358849	2347929	21º 13' 38.89" N	79º 38' 23.54" E		43067	19°19'15.6"R		285
					55			220 kV S/c line	

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)									
AP No.	**Easting**	**Northing**	**Latitude**	**Longitude**	**Span In Mtr.**	**Cumm. Length**	**Angle of Deviation**	**Remarks**	**Altitude (Mtr)**
AP52 F	358864	2347982	21º 13' 40.62" N	79º 38' 24.04" E		43122	19°28'47.6"L		285
					159				
AP52 G	358854	2348141	21º 13' 45.78" N	79º 38' 23.65" E		43282	2°44'11.9"L		287
					90				
Gantry	358844	2348231	21º 13' 48.68" N	79º 38' 23.28" E		43371		220 kV Bhandara (Existing) Substation	288

8.4: Summary of Proposed 220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)

Summary of the Proposed Route		
Sl. No.	**Description**	**Proposed Route**
1	Bee line length	36.709 Km
	Line Length	43.371 Km
	a) Plain	75%
	b) Undulated terrain	25%
2	Terrain	Plain with constraints
3	Snow bound Route (in Meters)	Nil
4	Length of line in heavy rainfall area which may affect working season (in Meters)	Nil
5	a) Angle Points	64 Nos.
6	Forest	No
	a) Reserve Forest	Nil
	b) Protected Forest	Nil
	c) Open Scrub	Along the Route
7	Wildlife infringement	Nil
8	Animal/Bird Sanctury	Nil
9	infringement of endangered species habitat	Nil
10	National Park	Nil
11	Great Indian Bustard (GIB) area (Priority/ Potential Zone)	Nil
12	Creek, Marshy and low-laying area	Nil
13	No. of Pile/Special Foundation required	Nil
14	Transportation & Maintenance	Available
15	Power Line crossings (132kV & above)	15 Nos.
16	Telecom Line Crossing	Nil
17	Railway crossings	1 No.
18	Airport/Air strip	Devojit International Airport Nagpur
19	Upcoming Airport/Aviation zone/Airforce Station	Nil
20	Army cantonment/Mining/No go areas/Airstrips	Nil
21	River crossings	2 Nos.
	a) Major	Nil
	b) Minor	2 Nos.
22	NH Crossings	1 No.
23	SH Crossings	4 Nos.
24	Existing Gas/Petroleum/Oil Pipeline	Nil
25	Proposed Gas/Petroleum/Oil Pipeline	Nil
26	Land Availability (if required for Acquisition)	Available

Summary of the Proposed Route		
Sl. No.	**Description**	**Proposed Route**
	i) Extent of land available	Available
	ii) Land use pattern (agricultural, barren, forest etc.)	Agricultural
	iii) Land ownership (Govt. Private, trible, non-tribal etc)	Private
27	Approaches for construction	Available
28	Wind Zone	III
29	State	Maharashtra
30	District	Bhandara

Power Line Crossing (110 kV & above)

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)				
Sl. No.	**Circuit Details**	**Voltage rating in kV / Crossing**	**Name of Owner (SEB/DOT)**	**Crossing in between Angle Point**
1	Double Circuit	132 kV		AP-8-AP-9
2	Double Circuit	132 kV		AP-26-AP-27
3	Double Circuit	132 kV		AP-30-AP-31
4	Double Circuit	400 kV	TRD.WRR- APWL	AP-35-AP-36
5	Double Circuit	132 kV		AP-37-AP-38
6	Double Circuit	132 kV		AP-47-AP-38
7	Single Circuit	220 kV	ALTRATAC-TSS1	AP-53-AP-54
8	Double Circuit	132 kV	KARDHA.GMT	AP-54-AP-55
9	Double Circuit	220 kV		AP-54-AP-55
10	Single Circuit	220 kV		AP-54-AP-55
11	Double Circuit	132 kV		AP-52 A -AP-52 B
12	Double Circuit	132 kV		AP-52 A -AP-52 B
13	Double Circuit	220 kV	KHAPARKHD to Kanhan -Bhandara	AP-52 D -AP-52 E
14	Single Circuit	132 kV		AP-52 D -AP-52 E
15	Single Circuit	220 kV	ALTRATAC-TSS1	AP-52 E-AP-52 F

Railway Line Crossings

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)						
SL. No.	**Name of the Railway Line**	**Type of Gauge Broad / Metre / Narrow**	**Single/Double Line**	**Electrified / Non-Electrified**	**Remarks (Crossing in Between Locs.)**	**Pol.No**
1	Bhandara-Khat	Broad	Single	Electrified	AP-49-AP-50	

National Highway/State Highway Crossings

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)				
Sl. No.	**Name of the Road**	**Type Of Road National Highway / State Highway**	**Nearest City/Town from Crossing**	**Remarks (Crossing Between Loc. No.)**
1	Pohara -Palandur	S.H-361	Pohara	AP-5-AP-6
2	Pohara -Palandur	S.H-361	Pohara	AP-10-AP-11
3	Lakhani-Adyal	S.H-360	Lakhani	AP-14-AP-15
4	Bhandra-Lakhani	N.H-53	Lakhani	AP-20-AP-21
5	Warthi -Bhandara	S.H-271	Bhandara	AP-45-AP-46

River Crossing

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)								
Sl. No.	**Name of River**	**Approximate Span in Meters (bank to bank width)**	**Perennial / Weathered Flow**	**HFL Information**	**Navigable / Non - Navigable**	**Remarks (Crossing in Between Loc. No.)**	**Pile Foundation required**	**Mid-span Piles required**
1	Wainanga River	710	Weathered Flow	NA	Non - Navigable	AP-43-AP-44	Not Required	Not Required
2	Sur River	130	Weathered Flow	NA	Non - Navigable	AP-44-AP-45	Not Required	Not Required

Forest Crossing

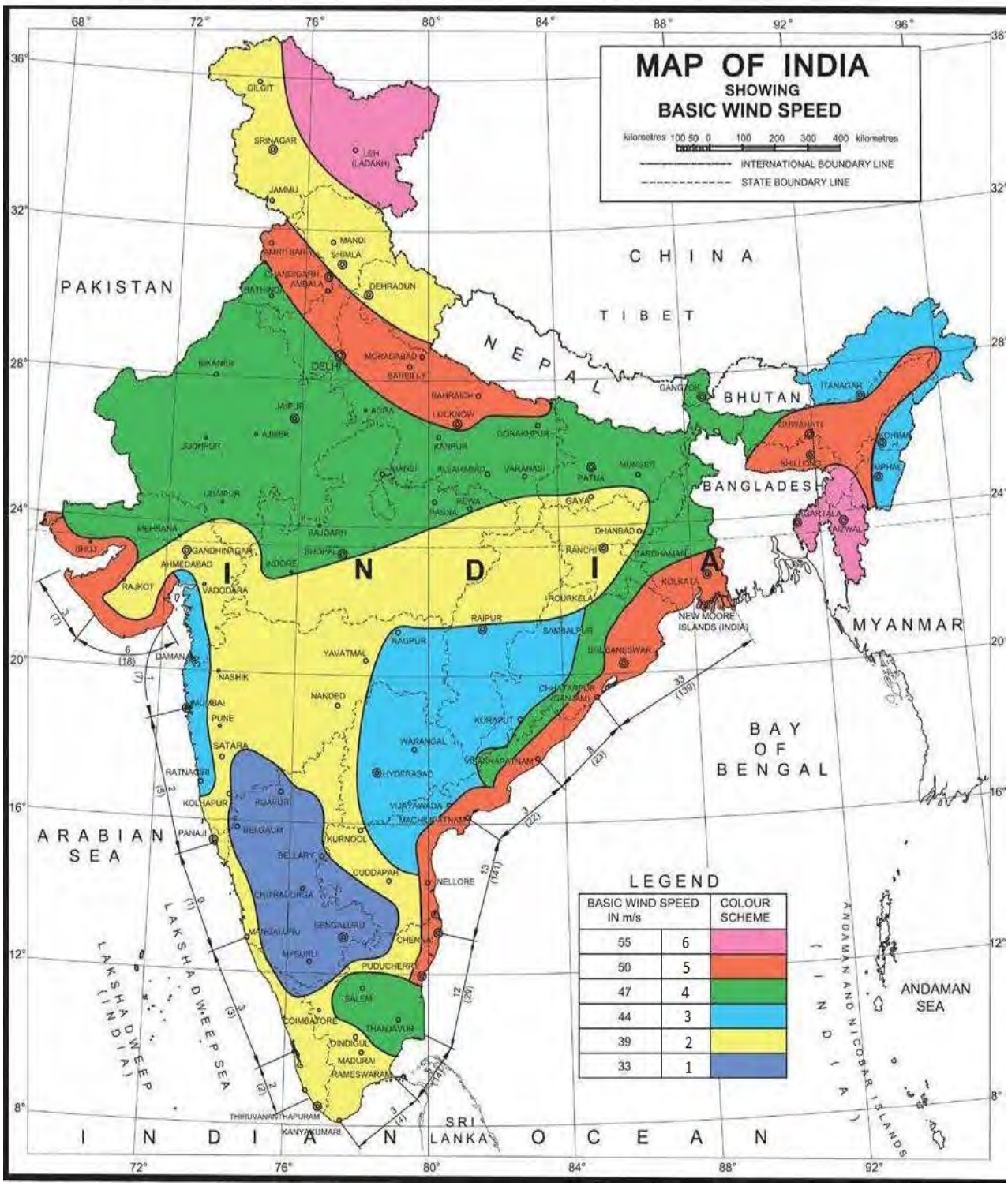
220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)					
Sl. NO.	**Section AP to AP**	**Name of the Forest**	**Type of Forest (Reserved/Protected/Social/Revenue)**	**Forest Stretches(m)**	**Forest Stretches (Sqm)**
Nil					

Wildlife/Elephant Corridor/Bird Sanctuary/GIB Crossings

220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)				
Sl. No.	**Section AP to AP**	**Name of the Wildlife**	**Type of Wildlife (Reserved/Protected/Social/Revenue)**	**Wildlife Stretches(m)**
Nil				

8.5: Wind Zone Map

Wind Zone: The Proposed transmission line “220 kV D/c line from 400/220/132 kV Sakoli (New) to 220 kV Bhandara (existing)” is passing through wind zone-III.



8.6 : Result & Conclusion

Results & Conclusion

Referring to angle point summary and after initial inspection of physical maps updated with satellite images and walk over survey, the proposed route corridors was explored for the best route alignment. Special attention has been given to the existing EHV lines, forest, reserved forest, river crossings, national/state highways, minimum route length and habitation including plantation. After detailed analysis, the proposed transmission line route has been observed as most viable route for alignment due to its good approach, for construction and maintenance of the transmission line after construction. Finally, the Route marked Red in the route alignment drawing as has been proposed final route

8.7 : Route Alignment Map on Digital Toposheets

SAKOLI POWER TRANSMISSION LIMITED
CIN U42202DL2025GOI451359
Balance Sheet as at 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

Particulars	Notes	As at 31 March, 2026
ASSETS		
Non-current assets		
Total non current assets		-
Current assets		
Financial assets		
Cash and cash equivalents	4	500.00
Total current assets		500.00
TOTAL ASSETS		500.00
EQUITY AND LIABILITIES		
Equity		
Equity share capital	5	500.00
Other equity	6	(6,270.82)
Total equity		(5,770.82)
Current liabilities		
(a)Financial liabilities		
Trade payables	7	5,940.80
(b) Other current liabilities		-
(c) Provisions	8	330.02
Total current liabilities		6,270.82
Total liabilities		6,270.82
TOTAL EQUITY & LIABILITIES		500.00

Summary of significant accounting policies & other information 1 to 3
The accompanying notes from 4 to 18 are integral part of the financial statements.
These are the financial statements referred to in our report of even date.

For R. Bhargava & Associates
Chartered Accountants
FRN: '012788N

CA Rakesh Bhargava
Partner
Membership no: 071637
Date:08 July,2026
Place: New Delhi

For and on behalf of Board of Directors of
SAKOLI POWER TRANSMISSION LIMITED

NAVITA DUBAL
Director
DIN: 11006507
Date: 21.04.2026
Place: New Delhi

NEERAJKUMAR VIJAY SHARMA
Director
DIN: 10732032
Date: 21.04.2026
Place: New Delhi

SAKOLI POWER TRANSMISSION LIMITED

CIN U42202DL2025GOI451359

Statement of Profit and Loss for the year ended 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

	Particulars	Notes	For the period ended 31 March, 2026
I	Income		
II	Other income		-
III	Total Income (I+II)		-
IV	Expenses		
	Other expenses	9	6,021.69
	Finance Costs	10	249.13
	Total expenses		6,270.82
V	Profit/(loss) before exceptional items and tax (III-IV)		(6,270.82)
VI	Exceptional items		-
VII	Profit/(loss) before tax (V-VI)		
VIII	Tax expense	11	
	Current tax		-
	Deferred tax expense/(credit)		-
	Earlier year taxes/(refunds)		-
	Total tax expenses		-
IX	Profit/(Loss) for the period (VII-VIII)		(6,270.82)
X	Other comprehensive Income		
	- Items that will not be reclassified subsequently to profit or loss		
	Re-measurement gains/(losses) on defined benefit plans		-
	Tax impact on re-measurement gains/(losses) on defined benefit plans		-
XI	Total Comprehensive Income for the period (IX+X) (Comprising Profit (Loss) and Other Comprehensive Income for the period)		(6,270.82)
XII	Earnings per equity share (in ₹):		
	(1) Basic		(125.42)
	(2) Diluted	12	(125.42)

Summary of significant accounting policies & other information 1 to 3

The accompanying notes from 4 to 18 are integral part of the financial statements.

These are the financial statements referred to in our report of even date.

For R. Bhargava & Associates
Chartered Accountants
FRN: '012788N

CA Rakesh Bhargava
Partner
Membership no: 071637
Date:08 July,2026
Place: New Delhi

For and on behalf of Board of Directors of
SAKOLI POWER TRANSMISSION LIMITED

NAVITA DUBAL
Director
DIN: 11006507
Date: 21.04.2026
Place: New Delhi

NEERAJKUMAR VIJAY SHARMA
Director
DIN: 10732032
Date: 21.04.2026
Place: New Delhi

SAKOLI POWER TRANSMISSION LIMITED
CIN U42202DL2025GOI451359
Statement of Cash Flows for the year ended 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

	Particulars		For the period ended 31 March, 2026
A.	CASH FLOW FROM OPERATING ACTIVITIES		
	Profit / (Loss) before tax		(6,270.82)
	Operating profit before working capital changes		(6,270.82)
	Changes in working capital:		
	Adjustments for (increase) / decrease in operating assets:		
	Trade receivables (non current)		
	Trade receivables (current)		
	Loans (non current)		
	Loans (current)		
Sumi	Financial assets (Non Current)		
	Other financial assets (current)		
	Other Financial Asset - Other bank balances		
	Other current assets		
	Other non-current assets		
	Adjustments for increase/(decrease) in operating liabilities:		
	Trade payables		
	Other financial liabilities (current)		-
	Other financial liabilities (non current)		5,940.80
	Other current liabilities		-
	Provisions (current)		330.02
	Provisions (non current)		
	Other non-current liabilities		
	Liabilities held for sale		
	Movement in operating assets and liabilities		
	Cash generated from operations		6,270.82
	Less: Tax paid		
	Net cash used in operating activities	(A)	0.00
B.	CASH FLOWS FROM INVESTING ACTIVITIES		
	Sale/(Purchase) of property, plant and equipment (including capital work-in-progress and intangibles)		-
	Net cash flow from investing activities	(B)	-
C.	CASH FLOWS FROM FINANCING ACTIVITIES		
	Issue of share capital		500.00
	Net cash flow from financing activities	(C)	500.00
	Net increase/decrease in cash and cash equivalents	(A+B+C)	500.00
	Cash and cash equivalents at the beginning of the year / period		-
	Cash and cash equivalents at the end of the year / period		500.00
	Reconciliation of cash and cash equivalents as per the cash flow statement		500.00

Summary of significant accounting policies & other information 1 to 3
The accompanying notes from 4 to 18 are integral part of the financial statements.
These are the financial statements referred to in our report of even date.

For R. Bhargava & Associates
Chartered Accountants
FRN: 012788N

CA Rakesh Bhargava
Partner
Membership no. 071637
Date: 08 July 2026
Place: New Delhi

For and on behalf of Board of Directors of
SAKOLI POWER TRANSMISSION LIMITED

NAVITA DUBAL
Director
DIN: 11006507
Date: 21.04.2026
Place: New Delhi

NEERAJKUMAR VIJAY SHARMA
Director
DIN: 10732032
Date: 21.04.2026
Place: New Delhi

SAKOLI POWER TRANSMISSION LIMITED

CIN U42202DL2025GOI451359

Statement of changes in equity for the year ended 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

A Equity share capital

Particular	Amount
Balance as at 07 July, 2025	-
Add: Issued during the year	500.00
Balance as at 31 March, 2026	**500.00**

B Other equity

	Retained Earnings	Total
Balance as at 07 July, 2025	-	-
Changes in accounting policy or prior period period error	-	-
Balance as at 31 March, 2026	-	-
Profit / (Loss) for the year	(6,270.82)	(6,270.82)
Add: Other comprehensive Income	-	-
Balance as at 31 March, 2026	**(6,270.82)**	**(6,270.82)**

Summary of significant accounting policies & other information 1 to 3

The accompanying notes from 4 to 18 are integral part of the financial statements.

These are the financial statements referred to in our report of even date.

For R. Bhargava & Associates
Chartered Accountants
FRN: 012788N

CA Rakesh Bhargava
Partner
Membership no: 071637
Date:08 July,2026
Place: New Delhi

For and on behalf of Board of Directors of
SAKOLI POWER TRANSMISSION LIMITED

NAVITA DUBAL
Director
DIN: 11006507
Date: 21.04.2026
Place: New Delhi

NEERAJKUMAR VIJAY SHARMA
Director
DIN: 10732032
Date: 21.04.2026
Place: New Delhi

R. Bhargava & Associates
Chartered Accountants

Head office : Unit No. 506, 5th Floor Sector 60
Adani Miracle Mile, Gurugram
Haryana-122002

247-B, MIG Green Flats, Rajouri Garden, New Delhi-110027
Phone : 011-40041044 Moblie : 9810035530, 9899152749
E-mail : admin@rbhargavaassociates.in
Website : www.rbhargavaassociates.com

INDEPENDENT AUDITORS' REPORT

TO,
THE MEMBERS OF
SAKOLI POWER TRANSMISSION LIMITED
Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying Ind AS Financial Statements of **M/s SAKOLI POWER TRANSMISSION LIMITED** (**"the Company"**), which comprise the Balance Sheet as at 31 March 2026, the Statement of Profit and Loss, Statement of Changes in Equity, the Statement of Cash Flows for the period then ended, and notes to the financial statements including a summary of significant accounting policies and other explanatory information.

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with IND AS and the accounting principles generally accepted in India, of state of affairs of the Company as at 31st March 2026, its losses including other comprehensive income, its Changes in Equity and its cashflows for the period ended on that date.

Key Audit Matters

We have determined that there are no other key audit matters to communicate in our report other than those mentioned below:

a) **Material Uncertainty Related to Going Concern**

We draw attention to The Statement of Profit & loss account in the financial report, which indicates that the Company incurred a net loss during the period ended 31st March 2026 and, as of that date, the Company's current liabilities exceeded its total assets. The management is of the opinion of not having any profit in near future, accordingly provisions for Deferred Tax also not created in financial statement

Management view high losses and not having any Deferred tax clearly indicates that a material uncertainty exists that may cast significant doubt on the Company's Going Concern.

b) **Status of Company**

The company's 100% shareholding is lying with M/s REC Power Development & Consultancy Limited. As such the company is 100% subsidiary of REC Power Development & Consultancy Limited.

Basis for Opinion

We conducted our audit in accordance with the Standards on Auditing (SAs) specified under section 143(10) of the Companies Act, 2013 (**"the Act"**). Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Company in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India together with the ethical requirements that are relevant to our audit of the financial statements under the provisions of the Act and the Rules thereunder, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibility of Managements and Those Charged with Governance for the Financial Statements

The Company's Board of Directors is responsible for the matters in section 134(5) of the Act with respect to the preparation of these Ind AS financial statements that give a true and Fairview of the financial position, financial performance including other comprehensive income, changes in equity and cash flows of the Company in accordance with IND AS and the accounting principles generally accepted in India, including the Indian Accounting Standards("Ind AS") prescribed under Section 133 of the Act read with the relevant rules there under. This responsibility also includes the maintenance of adequate accounting records in accordance with the provision of the Act for safeguarding of the assets of the Company and for preventing and detecting the frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

Those Board of Directors are also responsible for overseeing the company's financial reporting process.

Auditor's Responsibility for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as awhile are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of



assurance but is not a guarantee that an audit conducted in accordance with SAs will always detect material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

Report on other Legal and Regulatory Requirements

1. As required by the Companies (Auditor's Report) Order, 2020, issued by the Central Government of India in term of sub-section (11) of section 143 of the Companies Act,2013, we give in the **'Annexure – 1'** a statement on the matters specified in the paragraphs 3 and 4 of the Order, to the extent applicable.

2. As required by section 143(3) of the Act, we report that:
   a. We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.

   b. In our opinion proper books of account as required by law have been kept by the Company so far as appears from our examination of those books.

   c. The Balance Sheet, the Statement of Profit and Loss and Statement of Changes in Equity and the Statement of Cash Flows dealt with by this Report are in agreement with the books of account.

   d. In our opinion, the aforesaid financial statements comply with IND AS and the Accounting Standards specified under Section 133 of the Act, read with Rule 7 of the Companies (Accounts) Rules, 2014.

   e. As the Government Companies have been exempted from applicability of the provision of section 164(2) of the Companies Act, 2013, reporting on disqualification of Directors is not required.

   f. With respect to the adequacy of internal financial controls over financial reporting of the company and the operating effectiveness of such controls, refer to our separate Report in **'Annexure – 2'**; and

   g. With respect to the other matters included in the Auditor's Report in accordance with Rule 11 of the Companies (Audit and Auditors) Rules 2014, in our opinion and to our best of our information and according to the explanations given to us:

      i. The company disclosed the impact of pending litigations on the financial position in its financial statements of the Company-Refer Note 34 to the financial statements.



ii. The company did not have any long-term contracts including derivatives contracts for which there were any material foreseeable losses;

iii. There has been no Delay in Transferring amounts, required to be transferred, to the Investor Education and Protection Fund by the Company.

iv. i) The management has represented that, to the best of it's knowledge and belief, other than as disclosed in the notes to the accounts, no funds have been advanced or loaned or invested (either from borrowed funds or share premium or any other sources or kind of funds) by the company to or in any other person(s) or entity(ies), including foreign entities ("Intermediaries"), with the understanding, whether recorded in writing or otherwise, that the Intermediary shall, whether, directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the company ("Ultimate Beneficiaries") or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries;

ii) the management has represented, that, to the best of it's knowledge and belief, other than as disclosed in the notes to the accounts, no funds have been received by the company from any person(s) or entity(ies), including foreign entities ("Funding Parties"), with the understanding, whether recorded in writing or otherwise, that the company shall, whether, directly or indirectly, lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party ("Ultimate Beneficiaries") or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries; and

iii) Based on such audit procedures that the we have considered reasonable and appropriate in the circumstances, nothing has come to our notice that has caused us to believe that the representations under sub-clause (i) and (ii) contain any material misstatement.

v. The Company has not declared any Dividend during the period.

vi. The company has maintained an adequate audit trail as required by the account rule. The company has used ERP accounting software for maintaining its books of account which has a feature of recording audit trail facility and the same has been operated throughout the period for all transactions recorded in the software and the audit trail feature has not been tampered with and the audit trail has been preserved by the company as per the statutory requirements for record retention. And the company has put restrictions on where they



can track the initiator of the entry and the person who is finalizing the same. And report of the same can be generated from the ERP. But the ERP system is operative through the holding Company

3. In terms of Section 143 (5) of the Companies Act 2013, we give in the **"Annexure-3"** statement on the directions issued by the Comptroller and Auditor General of India.

For R Bhargava & Associates
Chartered Accountants
FRN: 012788N

R Bhargava

R. Bhargava
Partner
M. No. FCA 071637
Place: NEW DELHI
Date: 08/07/2026

UDIN: 26071637DXL1SJ1698

Annexure '1' to the Independent Auditors' Report
As referred to in our Independent Auditors' Report of even date to the members of the **SAKOLI POWER TRANSMISSION LIMITED**, on the Ind AS financial statements for the period ended 31 March 2026, we report that:

(i) a) (A) The Company does not own any Fixed Asset. Accordingly, this clause is not Applicable

(B) The Company does not own any Intangible Asset. Accordingly, this clause is not Applicable

b) The company does not own any Property, Plant & Equipment. Accordingly, no physically verification required for same. Hence this clause is not applicable to the company.

c) The company does not own any immovable Property. Accordingly, this clause is not applicable to the company.

d) The company does not own any Property, Plant and Equipment (including Right of Use assets) or intangible assets. Accordingly, this clause is not applicable to the company.

e) In our opinion and according to the information and explanations given to us, no proceedings have been initiated or are pending against the company for holding any Benami property under the "Benami Transactions (Prohibition) Act, 1988 and Rules made thereunder.

(ii) (a) The company does not have any inventory. Accordingly. This clause is not applicable to the company
(b) The Company has not been sanctioned working capital limits in excess of Rs. 5 crores, in aggregate, from banks on the basis of security of current assets.

(iii) (a) According to the information and explanations given to us, the Company has not made investments in, provided any guarantee or security or granted any loans or advances in the nature of loans, secured or unsecured, to companies, firms, Limited Liability Partnerships or any other parties. Accordingly, paragraph 3(iii) is not applicable to the company.

(iv) In our opinion and according to information and explanation given to us, the company has complied with the provisions of section 185 and 186 of the Act in respect of loans, investments, guarantees and security.

(v) In our opinion and according to the information and explanations given to us, the company has not accepted any deposit from the public & no amounts has been deemed to be deposits in accordance with the provisions of the sections 73 to 76 or any other relevant provisions of the Act, and the rules framed thereunder. Accordingly, paragraph 3(v) of the Order is not applicable to the company.



(vi) Cost records maintenance not applicable to the company being a service company. Accordingly, this clause is not applicable.

(vii) a) According to the information and explanations given to us, the Company is generally regular in depositing undisputed statutory dues with appropriate authorities including Provident Fund, Income Tax, Goods and Services Tax, and other statutory dues applicable to the Company and that there are no undisputed statutory dues outstanding as at 31 March 2026 for a period of more than six months from the date they became payable.

b) According to information and explanations given to us, there are no statutory dues referred to in sub- clause (a) have not been deposited on account of dispute.

(viii) In our opinion and according to the information and explanations given to us, the Company has not recorded in the books of account any transaction which have been surrendered or disclosed as income during the period in the tax assessments under the Income Tax Act, 1961.

(ix) In our opinion and according to the information and explanations given to us,

(a) the Company has not defaulted during the period in repayment of loans & payment of Interest to its financial institutions, bankers and dues to the Bond holders.

(b) the company has not been declared willful defaulter by any bank/financial institution/other lender.

(c) term loans have been applied for the purpose for which the loans were obtained.

(d) funds raised on short term basis have not been utilized for long-term purpose.

(e) The Company do not have any Subsidiaries, Joint ventures or Associates. Accordingly, paragraph 3(ix)(e) and 3(ix)(f) are not applicable to the company.

(x) (a) The company has not raised money by way of initial public offer or further public offer (including debt instruments) during the period.

(b) In our opinion and according to the information and explanations given to us, the Company has not made any preferential allotment or private placement of shares or convertible debentures (fully, partially or optionally convertible) during the period.

(xi) (a) According to the information and explanations given to us and as represented by the management, we have been informed that no case of fraud has been committed on or by the company during the period.



(b) As no fraud has been noticed during the year as mentioned at xi(a) above, report under sub-Section (12) of Section 143 of the Companies Act in the Form ADT-4 as prescribed under Rule 13 of Companies (Audit and Auditors) Rules 2014 is not applicable.

(c) According to the information and explanations given to us, no whistle-blower complaints have been received during the year by the Company.

(xii) The company is not a Nidhi Company as prescribed under section 406 of the Act. Accordingly, clause 3(xii)(a), 3(xii)(b) & 3(xii)(c) of the Order is not applicable to the company.

(xiii) The provisions of **Section 177** and **Section 188** of the Companies Act, 2013, read with the applicable rules made thereunder, are **not applicable to the Company**, being a **wholly owned subsidiary of a Government Company**, to the extent of the exemptions available to Government Companies and their subsidiaries under the relevant notifications issued by the Ministry of Corporate Affairs, Government of India, as amended from time to time.

Accordingly, the requirements prescribed under the aforesaid sections to related party shall not apply to the Company, subject to fulfilment of the conditions stipulated in the applicable exemption notifications.

(xiv) (a)According to the information and explanations given to us and based on our examination of the records of the company, the company does not have any internal audit system commensurate with the nature of its business.

(b) Internal Audit is not applicable to the company. Accordingly, this clause is not applicable.

(xv) According to the information and explanations given to us and based on our examination of the records of the company, the company has not entered into non-cash transactions with directors or persons connected with them. Accordingly, paragraph 3(xv) is not applicable to the company.

(xvi) According to the information and explanations given to us, the company is not required to be registered under section 45 IA of the Reserve Bank of India Act, 1934. Accordingly, paragraphs 3(xvi) are not applicable to the company.

(xvii) According to the information and explanations given to us and based on our examination of the records of the company, the company has incurred cash losses in the current Financial Year.

(xviii) There has not been any resignation of the statutory auditors during the year.

(xix) According to the information and explanations given to us and on the basis of the financial ratios, ageing and expected dates of realisation of financial assets and payment of financial liabilities, other information accompanying the financial

R. BHARGAVA & ASSOCIATES CHARTERED ACCOUNTANTS NEW DELHI

statements, our knowledge of the plans of the Board of Directors and management, and based on our examination of the evidence supporting the assumptions, we are of the opinion that a material uncertainty exists as at the date of the audit report regarding the Company's capability of meeting its liabilities existing at the balance sheet date as and when they fall due within a period of one year from the balance sheet date.

In forming our opinion, we have considered, inter alia, the significant losses incurred by the Company during the year ended 31 March 2026, the excess of current liabilities over its total assets as at that date, the resulting adverse liquidity position, and management's assessment regarding the absence of profits in the foreseeable future.

We further state that our reporting under this clause is based on the facts existing up to the date of the audit report and should not be construed as an assurance as to the future viability of the Company. Our reporting under this clause is not a substitute for the separate reporting relating to going concern under the applicable Standards on Auditing.

xx) Section 135(5) of the Companies Act is not applicable to the company. Accordingly, this clause is not applicable.

For R Bhargava & Associates
Chartered Accountants
FRN: 012788N

R Bhargava

R. Bhargava
Partner
M. No. FCA 071637
Place: NEW DELHI
Date: 08/07/2026

UDIN: 26071637DXLISJ1698

Annexure '2 Report on Internal Financial Controls Over Financial Reporting

Report on the Internal Financial Controls under Clause (i) of Sub-section 3 of Section 143 of the Companies Act, 2013 ("the Act")

We have audited the internal financial controls over financial reporting of **SAKOLI POWER TRANSMISSION LIMITED** ("the Company") as of March 31, 2026, in conjunction with our audit of the Ind-AS financial statements of the Company for the period ended on that date.

Management's Responsibility for Internal Financial Controls

The Company's management is responsible for establishing and maintaining internal financial controls based on the internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by the Institute of Chartered Accountants of India (ICAI). These responsibilities include the design, implementation and maintenance of adequate internal financial controls that were operating effectively for ensuring the orderly and efficient conduct of its business, including adherence to company's policies, the safeguarding of its assets, the prevention and detection of frauds and errors, the accuracy and completeness of the accounting records, and the timely preparation of reliable financial information, as required under the Companies Act, 2013.

Auditors' Responsibility

Our responsibility is to express an opinion on the Company's internal financial controls over financial reporting based on our audit. We conducted our audit in accordance with the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting (the "Guidance Note") and the Standards on Auditing, issued by ICAI and deemed to be prescribed under section 143(10) of the Companies Act, 2013, to the extent applicable to an audit of internal financial controls, both applicable to an audit of Internal Financial Controls and, both issued by the Institute of Chartered Accountants of India. Those Standards and the Guidance Note require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether adequate internal financial controls over financial reporting were established and maintained and if such controls operated effectively in all material respects.

Our audit involves performing procedures to obtain audit evidence about the adequacy of the internal financial controls system over financial reporting and their operating effectiveness. Our audit of internal financial controls over financial reporting included obtaining an understanding of internal financial controls over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the Company's internal financial controls system over financial reporting.



Meaning of Internal Financial Controls Over Financial Reporting

A company's internal financial control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal financial control over financial reporting includes those policies and procedures that:

1. pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company;
2. provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and
3. provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the Ind-AS financial statements.

Inherent Limitations of Internal Financial Controls Over Financial Reporting

Because of the inherent limitations of internal financial controls over financial reporting, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may occur and not be detected. Also, projections of any evaluation of the internal financial controls over financial reporting to future periods are subject to the risk that the internal financial control over financial reporting may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Opinion

In our opinion, the Company has, in all material respects, an adequate internal financial controls system over financial reporting and such internal financial controls over financial reporting were operating effectively as at March 31, 2026, based on the internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by the Institute of Chartered Accountants of India.

For R Bhargava & Associates
Chartered Accountants
FRN: 012788N

R Bhargava

R. Bhargava
Partner
M. No. FCA 071637
Place: NEW DELHI
Date : 08/07/2026
UDIN: 26071637DXL1SJ1698

Annexure '3'

As referred to in our Independent Auditors Report to the Members of the **SAKOLI POWER TRANSMISSION LIMITED** ("the Company") on the Financial Statements for the Period Ended 31 March 2026, we Report that:

Sl. No.	Directions	Action Taken	Impact on Ind As Financial Statements
1.	Assess the fair valuation of all the investments, both quoted and unquoted, made directly by the Company or through Trusts, for Post-retirement benefits of the employees. This includes verifying valuation methodologies, ensuring consistency with Ind AS and reviewing supporting documentation. The auditor shall provide a brief note on the valuation approach, its reasonability, and compliance with applicable regulations, reporting any material deviations or misstatements	The Company has not made any investment, both quoted and unquoted, made directly or through Trusts, for Post-retirement benefits of the employees. As such the clause is not applicable.	No impact on the Ind AS on Financial Statements
2.	Whether the Company has a system in place to process all the accounting transactions through IT system? If yes, whether review of this system and controls that are significant to the Companies, financial reporting process as well as cyber security has been done by Information Security Auditing Organisations empaneled	Yes, The Company has Tally ERP Prime (edit Log) to process all the accounting and operational transactions through IT system i.e tally accounting software. Furthermore, the ERP system is operative through the holding Company. There exists audit trail nut there is no IT General Controls (ITGC). No Cyber	No impact on the Ind AS Financial Statements



	by Cert-In at a minimum frequency of once in a period and material discrepancies found, if any, have been suitably reported? The implications of processing of accounting transactions outside IT system on the integrity of the accounts along with the financial implications may also be reported.	security was noticed. No auditing organisation empanelled by CERT was appointed	
3.	Whether funds (grants/ subsidy etc.) received/ receivable for specific schemes from Central/State Government or its agencies were properly accounted for as per the applicable accounting standards or norms and whether the received funds were utilised as per its terms and conditions? Whether accounting of interest earned on grants received has been done as per terms and conditions of the Grant. List the cases of deviation	According to the information and explanations given to us and based on our examination of the records of the Company, the Company has not received any funds for specific schemes from central/ state agencies for utilization.	No impact on the Ind AS Financial Statements
4.	Whether the Company has identified the key Risk areas? If yes, whether the Company has formulated any Risk Management Policy to mitigate these risks? If yes, (a) whether the Risk Management Policy has been formulated considering global best practices? (b) whether the Company has identified its	Company is formed as SPV (Special Purpose Vehicle) for transferring to successful bidder on conclusion of bid process coordinator (RECPDCL) . In view of the same risk management policy has not been formulated. As such there is uncertainty about the SPV vendors.	No impact on the Ind AS Financial Statements

R. BHARGAVA & ASSOCIATES NEW DELHI CHARTERED ACCOUNTANTS

	data assets and whether it has been valued appropriately	The Company doesn't have any data assets and consequently are not been subject to valuation.	
5.	Whether the Company is complying with the Securities and Exchange Board of India (SEBI) (Listing Obligation and Disclosure Requirements) Regulations 2015, and other applicable rules and regulations of SEBI, Department of Investment and Public Asset Management, Ministry of Corporate Affairs, Department of Public Enterprises, Reserve Bank of India, Telecom Regulatory Authority of India, CERT-IN, Ministry of Electronics and Information Technology and National Payments Corporation of India wherever applicable? If not, the cases of deviation may be highlighted.	Based on the information and explanations provided to us and the records produced for our verification, the Company is an unlisted company and was not registered with SEBI, Department of Investment and Public Asset Management, Department of Public Enterprises, RBI, TRAI, CERT-IN, Ministry of Electronics and Information Technology or NPCI during the period under audit. As represented by the management, the Company was not required to obtain any registration with the aforesaid authorities under the applicable laws and regulations during the period under audit. The provisions of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 are not directly applicable to the Company, it being an unlisted company. However, the Company is a wholly owned subsidiary of a listed company and, accordingly, requirements under the SEBI (LODR) Regulations, 2015 relating to unlisted subsidiaries are required to be complied with by the listed holding	No impact on the Ind AS Financial Statements



		with by the listed holding company, wherever applicable. Based on our examination of the records made available to us and the information and explanations provided by the management, no instance of non-compliance/deviation requiring reporting by the Company under the aforesaid laws and regulations came to our notice during the period under audit.	

For R Bhargava & Associates
Chartered Accountants
FRN: 012788N

R Bhargava

R. Bhargava
Partner
M. No. FCA 071637
Place: NEW DELHI
Date : 08/07/2026
UDIN: 26071637DXLISJ1698

R. Bhargava & Associates
Chartered Accountants

Head office : Unit No. 506, 5th Floor Sector 60
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Haryana-122002

247-B, MIG Green Flats, Rajouri Garden, New Delhi-110027
Phone : 011-40041044 Moblie : 9810035530, 9899152749
E-mail : admin@rbhargavaassociates.in
Website : www.rbhargavaassociates.com

Annexure '4'

COMPLIANCE CERTIFICATE

We have conducted the audit of annual accounts of M/s **SAKOLI POWER TRANSMISSION LIMITED** ("the Company") for the period ended 31st March,2026 in accordance with directions/ sub-directions issued by the C & AG of India under section 143(5) of the Companies Act,2013 and certify that we have complied with directions/ sub-directions issued to us.

For R Bhargava & Associates
Chartered Accountants
FRN: 012788N

R. Bhargava
Partner
M. No. FCA 071637

Place: NEW DELHI
Date: 08/07/2026
UDIN: 26071637DXLISJ1898

SAKOLI POWER TRANSMISSION LIMITED
CIN U42202DL2025GOI451359
Balance Sheet as at 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

Particulars	Notes	As at 31 March, 2026
ASSETS		
Non-current assets		
Total non current assets		-
Current assets		
Financial assets		
Cash and cash equivalents	4	500.00
Total current assets		500.00
TOTAL ASSETS		500.00
EQUITY AND LIABILITIES		
Equity		
Equity share capital	5	500.00
Other equity	6	(6,270.82)
Total equity		(5,770.82)
Current liabilities		
(a)Financial liabilities		
Trade payables	7	5,940.80
(b) Other current liabilities		-
(c) Provisions	8	330.02
Total current liabilities		6,270.82
Total liabilities		6,270.82
TOTAL EQUITY & LIABILITIES		500.00

Summary of significant accounting policies & other information 1 to 3
The accompanying notes from 4 to 18 are integral part of the financial statements.
These are the financial statements referred to in our report of even date.

For R. Bhargava & Associates
Chartered Accountants
FRN: '012788N

CA Rakesh Bhargava
Partner
Membership no: 071637
Date:08 July,2026
Place: New Delhi

For and on behalf of Board of Directors of
SAKOLI POWER TRANSMISSION LIMITED

NAVITA DUBAL
Director
DIN: 11006507
Date: 21.04.2026
Place: New Delhi

NEERAJKUMAR VIJAY SHARMA
Director
DIN: 10732032
Date: 21.04.2026
Place: New Delhi

SAKOLI POWER TRANSMISSION LIMITED

CIN U42202DL2025GOI451359

Statement of Profit and Loss for the year ended 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

	Particulars	Notes	For the period ended 31 March, 2026
I	Income		
II	Other income		-
III	Total Income (I+II)		-
IV	Expenses		
	Other expenses	9	6,021.69
	Finance Costs	10	249.13
	Total expenses		6,270.82
V	Profit/(loss) before exceptional items and tax (III-IV)		(6,270.82)
VI	Exceptional items		-
VII	Profit/(loss) before tax (V-VI)		
VIII	Tax expense	11	
	Current tax		-
	Deferred tax expense/(credit)		-
	Earlier year taxes/(refunds)		-
	Total tax expenses		-
IX	Profit/(Loss) for the period (VII-VIII)		(6,270.82)
X	Other comprehensive Income		
	- Items that will not be reclassified subsequently to profit or loss		
	Re-measurement gains/(losses) on defined benefit plans		-
	Tax impact on re-measurement gains/(losses) on defined benefit plans		-
XI	Total Comprehensive Income for the period (IX+X) (Comprising Profit (Loss) and Other Comprehensive Income for the period)		(6,270.82)
XII	Earnings per equity share (in ₹):		
	(1) Basic		(125.42)
	(2) Diluted	12	(125.42)

Summary of significant accounting policies & other information 1 to 3

The accompanying notes from 4 to 18 are integral part of the financial statements.

These are the financial statements referred to in our report of even date.

For R. Bhargava & Associates
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FRN: '012788N

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Date: 21.04.2026
Place: New Delhi

SAKOLI POWER TRANSMISSION LIMITED
CIN U42202DL2025GOI451359
Statement of Cash Flows for the year ended 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

	Particulars		For the period ended 31 March, 2026
A.	CASH FLOW FROM OPERATING ACTIVITIES		
	Profit / (Loss) before tax		(6,270.82)
	Operating profit before working capital changes		(6,270.82)
	Changes in working capital:		
	Adjustments for (increase) / decrease in operating assets:		
	Trade receivables (non current)		
	Trade receivables (current)		
	Loans (non current)		
	Loans (current)		
Sumr	Financial assets (Non Current)		
	Other financial assets (current)		
	Other Financial Asset - Other bank balances		
	Other current assets		
	Other non-current assets		
	Adjustments for increase/(decrease) in operating liabilities:		
	Trade payables		
	Other financial liabilities (current)		-
	Other financial liabilities (non current)		5,940.80
	Other current liabilities		-
	Provisions (current)		330.02
	Provisions (non current)		
	Other non-current liabilities		
	Liabilities held for sale		
	Movement in operating assets and liabilities		
	Cash generated from operations		6,270.82
	Less: Tax paid		
	Net cash used in operating activities	(A)	0.00
B.	CASH FLOWS FROM INVESTING ACTIVITIES		
	Sale/(Purchase) of property, plant and equipment (including capital work-in-progress and intangibles)		-
	Net cash flow from investing activities	(B)	-
C.	CASH FLOWS FROM FINANCING ACTIVITIES		
	Issue of share capital		500.00
	Net cash flow from financing activities	(C)	500.00
	Net increase/decrease in cash and cash equivalents	(A+B+C)	500.00
	Cash and cash equivalents at the beginning of the year / period		-
	Cash and cash equivalents at the end of the year / period		500.00
	Reconciliation of cash and cash equivalents as per the cash flow statement		500.00

Summary of significant accounting policies & other information 1 to 3
The accompanying notes from 4 to 18 are integral part of the financial statements.
These are the financial statements referred to in our report of even date.

For R. Bhargava & Associates
Chartered Accountants
FRN: 012788N

CA Rakesh Bhargava
Partner
Membership no. 071637
Date: 08 July 2026
Place: New Delhi

For and on behalf of Board of Directors of
SAKOLI POWER TRANSMISSION LIMITED

NAVITA DUBAL
Director
DIN: 11006507
Date: 21.04.2026
Place: New Delhi

NEERAJKUMAR VIJAY SHARMA
Director
DIN: 10732032
Date: 21.04.2026
Place: New Delhi

SAKOLI POWER TRANSMISSION LIMITED

CIN U42202DL2025GOI451359

Statement of changes in equity for the year ended 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

A Equity share capital

Particular	Amount
Balance as at 07 July, 2025	-
Add: Issued during the year	500.00
Balance as at 31 March, 2026	**500.00**

B Other equity

	Retained Earnings	Total
Balance as at 07 July, 2025	-	-
Changes in accounting policy or prior period period error	-	-
Balance as at 31 March, 2026	-	-
Profit / (Loss) for the year	(6,270.82)	(6,270.82)
Add: Other comprehensive Income	-	-
Balance as at 31 March, 2026	**(6,270.82)**	**(6,270.82)**

Summary of significant accounting policies & other information 1 to 3

The accompanying notes from 4 to 18 are integral part of the financial statements.

These are the financial statements referred to in our report of even date.

For R. Bhargava & Associates
Chartered Accountants
FRN: 012788N

CA Rakesh Bhargava
Partner
Membership no: 071637
Date:08 July,2026
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For and on behalf of Board of Directors of
SAKOLI POWER TRANSMISSION LIMITED

NAVITA DUBAL
Director
DIN: 11006507
Date: 21.04.2026
Place: New Delhi

NEERAJKUMAR VIJAY SHARMA
Director
DIN: 10732032
Date: 21.04.2026
Place: New Delhi

1. COMPANY OVERVIEW

Sakoli Power Transmission Limited ("the Company") having CIN U42202DL2025GOI451359 was incorporated on 07.07.2025 at New Delhi. The Company is a wholly owned associate of REC Power Development & Consultancy Limited (RECPDCL). The Company is a Special Purpose Vehicle incorporated for "Establishment of 400/220/132 kV Sakoli (Dist. Bhandara)". The Government of India has appointed RECPDCL as Bid Process Co-coordinator for selection of the developer for the project through tariff based competitive bidding process. On completion of the bid process, the successful bidder is to acquire one hundred percent (100%) of the equity shares of the company along with all its related assets and liabilities.

2. BASIS OF PREPERATION AND SIGNIFICANT ACCOUNTING POLICIES

2.1 Basis of preparation and measurement

(i) Statement of compliance with Indian Accounting Standards (Ind AS)

The Company prepared its Standalone Financial Statements in accordance with the requirements of Indian Accounting Standards (referred to as "Ind AS") notified under the Companies (Indian Accounting Standards) Rules, 2015 (as amended). These Standalone Financial Statements comply with Ind AS notified under the Companies (Indian Accounting Standards) Rules, 2015 (as amended), applicable provisions of the Companies Act, 2013 and other applicable regulatory norms / guidelines.

The financial statements for the period ended 31st March, 2026 were authorized and approved by the Board of Directors on 21.04.2026

Accounting policies have been consistently applied except where a newly issued accounting standard is initially adopted or a revision to an existing accounting standard requires a change in accounting policy hitherto in use.

2.2 Significant accounting policies

(i) Going concern and basis of measurement

The financial statements have been prepared on a going concern basis under the historical cost convention on accrual basis except for certain financial assets and financial liabilities are measured at fair values at the end of each reporting period.

All assets and liabilities have been classified as current or non-current as per the criteria set out in the Companies Act, 2013. The Company has ascertained its operating cycle as 12 months for the purpose of current/non-current classification of assets and liabilities.

(ii) Functional and presentation currency:

These financials have been presented in Indian Rupees (INR), which is also the Company's functional currency, all amounts have been rounded off to the nearest thousands (upto two digits), unless otherwise indicated.



(iii) Revenue recognition

Revenue is recognized (as per the five-step model laid down under Ind AS 115) to the extent that it is probable that the economic benefits will flow to the Company and the revenue can be reliably measured.

(i) Identify the contract(s) with customer;
(ii) Identify separate performance obligations in the contract;
(iii) Determine the transaction price;
(iv) Allocate the transaction price to the performance obligations; and
(v) Recognize revenue when a performance obligation is satisfied.

Sale proceeds of Request for Proposal (RFP) has been recognized as other income in the books of the holding company i.e., RECPDCL.

(iv) Property, Plant and Equipment

Property Plant and Equipment are carried at cost less accumulated amortization and impairment losses, if any. Cost includes all expenses, direct and indirect, specifically attributable to its acquisition and bringing it to its working condition for its intended use. Incidental expenditure pending allocation and attributable to the acquisition of fixed assets is allocated/capitalized with the related assets. Subsequent expenditure is capitalized to the asset's carrying amount only when it is probable that future economic benefits associated with the expenditure will flow to the Company and the cost of the item can be measured reliably. All other repairs and maintenance costs are expensed when incurred.

(v) Financial instruments

A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity.

Financial assets:

Initial recognition and measurement All financial assets are recognized initially at fair value plus, in the case of financial assets not recorded at fair value through profit or loss, transaction costs that are attributable to the acquisition of the financial asset. Transaction costs of financial assets carried at fair value through profit or loss are expensed in profit or loss. Purchases or sales of financial assets that require delivery of assets within a time frame established by regulation or convention in the market place (regular way trades) are recognized on the trade date, i.e., the date that the Company commits to purchase or sell the asset.

Subsequent measurement
Financial assets carried at amortized cost – a financial asset is measured at the amortized cost if both the following conditions are met:

- The asset is held within a business model whose objective is to hold assets for collecting contractual cash flows, and
- Contractual terms of the asset give rise on specified dates to cash flows that are solely payments of principal and interest (SPPI) on the principal amount outstanding.

After initial measurement, such financial assets are subsequently measured at amortized cost using the effective interest rate (EIR) method. Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortization is included in interest income in the Statement of Profit and Loss.

S. BHARGAVA & ASSOCIATES NEW DELHI CHARTERED ACCOUNTANTS

De-recognition of financial assets

Financial assets (or where applicable, a part of financial asset or part of a group of similar financial assets) are derecognized (i.e. removed from the Company's balance sheet) when the contractual rights to receive the cash flows from the financial asset have expired, or when the financial asset and substantially all the risks and rewards are transferred. Further, if the Company has not retained control, it shall also derecognize the financial asset and recognize separately as assets or liabilities any rights and obligations created or retained in the transfer.

Impairment of financial assets

In accordance with Ind AS 109, the Company applies Expected Credit Loss (ECL) model for measurement and recognition of impairment loss on the following financial assets and credit risk exposure: a) Financial assets that are debt instruments, and are measured at amortized cost e.g., loans, debt securities, deposits, trade receivables and bank balance b) Financial guarantee contracts which are not measured at Fair value through profit & loss account. (FVTPL).

Financial liabilities:

Initial recognition and measurement

Financial liabilities are classified, at initial recognition, as financial liabilities at fair value through profit or loss, loans and borrowings, payables, as appropriate.
All financial liabilities are recognized initially at fair value and, in the case of loans and borrowings and payables, net of directly attributable transaction costs.

The Company's financial liabilities include trade and other payables, loans and borrowings including financial guarantee contracts and derivative financial instruments.

Subsequent measurement

Subsequent to initial recognition, financial liabilities are measured at amortized cost using the effective interest method.

De-recognition

A financial liability is de-recognized when the obligation under the liability is discharged or cancelled or expires. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as the de-recognition of the original liability and the recognition of a new liability. The difference in the respective carrying amounts is recognized in the statement of profit or loss.

Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the balance sheet if there is a currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, to realise the assets and settle the liabilities simultaneously.



(vi) Fair value measurement

The Company measures financial instruments at fair value which is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value measurement is based on the presumption that the transaction to sell the asset or transfer the liability takes place either:

- In the principal market for the asset or liability, or
- In the absence of a principal market, in the most advantageous market for the asset or liability.

All assets and liabilities for which fair value is measured or disclosed in the financial statements are categorised within the fair value hierarchy, described as follows, based on the lowest level input that is significant to the fair value measurement as a whole:

Level 1 - Quoted (unadjusted) market prices in active markets for identical assets or liabilities;
Level 2 - Valuation techniques for which the lowest level input that is significant to the fair value measurement is directly or indirectly observable; and
Level 3 - Valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable.

The Company uses valuation techniques that are appropriate in the circumstances and for which sufficient data are available to measure fair value, maximizing the use of relevant observable inputs and minimizing the use of unobservable inputs. For assets and liabilities that are recognized in the balance sheet on a recurring basis, the Company determines whether transfers have occurred between levels in the hierarchy by re-assessing categorization (based on the lowest level input that is significant to the fair value measurement as a whole) at the end of each reporting period.

For the purpose of fair value disclosures, the Company has determined classes of assets and liabilities on the basis of the nature, characteristics and risks of the asset or liability and the level of the fair value hierarchy as explained above.

(vii) Taxation

Tax expense recognized in profit or loss comprises the sum of deferred tax and current tax. It is recognized in Statement of Profit and Loss, except when it relates to an item that is recognized in Other comprehensive income (OCI) or directly in equity, in which case, the tax is also recognized in Other comprehensive income or directly in equity.

Current tax is determined as the tax payable in respect of taxable income for the year, using tax rates enacted or substantively enacted and as applicable at the reporting date, and any adjustments to tax payable in respect of previous years.

Deferred tax is recognized on temporary differences between the carrying amounts of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable income. Deferred tax on temporary differences associated with investments in subsidiaries and joint ventures is not provided if reversal of these temporary differences can be controlled by the Company and it is probable that reversal will not occur in the foreseeable future.

Deferred tax assets and liabilities are calculated, without discounting, at tax rates that are expected to apply to their respective period of realization, provided those rates are enacted or substantively enacted by the end of the reporting period. Deferred tax assets and liabilities are

R. BHARGAVA & ASSOCIATES NEW DELHI CHARTERED ACCOUNTANTS

offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority.

Deferred tax liability is recognized for all taxable temporary differences. A deferred tax asset is recognized for all deductible temporary differences to the extent that it is probable that future taxable profits will be available against which the deductible temporary difference can be utilized. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefit will be realized.

Changes in deferred tax assets or liabilities are recognized as a component of tax income or expense in profit or loss, except where they relate to items that are recognized in other comprehensive income or directly in equity, in which case the related deferred tax is also recognized in other comprehensive income or equity, respectively.

(viii) Provisions, Contingent Liabilities, and Contingent Assets

Provisions are recognized when the Company has a present legal or constructive obligation as a result of a past event; it is probable that an outflow of economic resources will be required from the Company and amounts can be estimated reliably. Timing or amount of the outflow may still be uncertain. Provisions are measured at the estimated expenditure required to settle the present obligation, based on the most reliable evidence available at the reporting date, including the risks and uncertainties associated with the present obligation. Provisions are discounted to their present values, where the time value of money is material.

A contingent liability is disclosed for:

- Possible obligations which will be confirmed only by future events not wholly within the control of the Company or
- Present obligations arising from past events where it is not probable that an outflow of resources will be required to settle the obligation or a reliable estimate of the amount of the obligation cannot be made.

In those cases, where the outflow of economic resources as a result of present obligations is considered improbable or remote, no liability is recognized or disclosure is made.

Any reimbursement that the Company can be virtually certain to collect from a third party concerning the obligation (such as from insurance) is recognized as a separate asset. However, this asset may not exceed the amount of the related provision.

Contingent assets are not recognized. However, when the inflow of economic benefits is probable, the related asset is disclosed.

(ix) Earnings per share

Basic earnings per share is calculated by dividing the net profit or loss for the period attributable to equity shareholders (after deducting attributable taxes) by the weighted average number of equity shares outstanding during the period.

To calculate diluted earnings per share, the net profit or loss for the period attributable to equity shareholders and the weighted average number of shares outstanding during the period are adjusted for the effects of all dilutive potential equity shares.



(x) Cash and cash equivalents

Cash comprises cash on hand and demand deposits with banks. Cash equivalents are short-term balances (with an original maturity of three months or less from the date of acquisition), highly liquid investments that are readily convertible into known amounts of cash and which are subject to insignificant risk of changes in value.

(xi) Impairment of assets

At the end of each reporting period, the Company reviews the carrying amounts of its tangible and intangible assets or cash generating units to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any). When it is not possible to estimate the recoverable amount of an individual asset, the Company estimates the recoverable amount of the cash-generating unit to which the asset belongs. When a reasonable and consistent basis of allocation can be identified, corporate assets are also allocated to individual cash-generating units, or otherwise they are allocated to the smallest group of cash generating units for which a reasonable and consistent allocation basis can be identified.

(xii) Borrowing costs

Borrowing costs that are directly attributable to the acquisition and/ or construction of a qualifying asset, till the time such a qualifying asset becomes ready for its intended use sale, are capitalized. Borrowing costs consist of interest and other costs that the Company incurred in connection with the borrowing of funds. A qualifying asset is one that necessarily takes a substantial period to get ready for its intended use. All other borrowing costs are charged to the Statement of Profit and Loss on an accrual basis as per the effective interest rate method.

(xiii) Material prior period errors

Material prior period errors are corrected retrospectively by restating the comparative amounts for the prior periods presented in which the error occurred. If the error occurred before the earliest period presented, the opening balances of assets, liabilities and equity for the earliest period presented, are restated.

(xiv) Rates and taxes

Overseas taxes on foreign assignments, indirect taxes, including Goods & Service Tax, professional tax, property tax, entry tax, labour cess, octroi and any other applicable taxes etc. paid/accrued in India or abroad for which credit are not available to the company are charged to the Statement of Profit and Loss.

(xv) Expenditure incurred by Holding Company

All the direct expenses incurred by holding company for SPV has been booked to the SPV as per invoicing done by the holding company. All Indirect / Common Expenses are allocated and invoiced to SPV on the proportionate basis from the month of issue of RFP or incorporation of SPV, whichever is earlier, till the month in which tenth day from the date of issue of Letter of Intent (LOI) for the transfer of the SPV falls. Part of the month, if any, is considered as full month for cost allocation. The holding company charges interest on the funds deployed by it based on the REC interest rate circular for T & D loans for ungraded



organizations, as on the beginning of the period. If bid process activity relating to any SPV is kept in abeyance, due to any reason, no cost allocation for such period of abeyance is made to such SPV and no interest is charged. For direct/indirect expenses, interest is charged from the month in which the expenditure is incurred. Such interest is calculated on monthly basis but recognized at the end of the period.

In accordance to the applicable guidelines of TBCB process as issued by Ministry of Power, Govt. of India, all the direct & indirect expenses, interest incurred by the holding company on behalf of SPV are debited to SPV and recoverable from transmission service provider / successful bidder. Further, the Board of Directors of SPV has approved the allocation/booking of all direct and indirect expenses including interest charge and correspondence invoice by the holding company to the SPV

Expenditure incurred for the SPV by Holding Company on behalf of the Company is considered as "other financial liabilities" (Current). Also, interest is charged on such expenditure incurred by Holding Company and such interest is also included in other financial liabilities.

The major stages of TBCB (Tariff Based Competitive Bidding) process done by holding co. RECPDCL includes issue of RFP (Request for proposal) documents, Pre Bid Meeting, opening of technical bid, shortlisting of qualified bidders, opening of financial bid and e – Reverse auction for qualified bidders, final selection of successful bidder and issue of LOI to successful bidder. The certainty on the construction of the project arises only after the issuance of LOI and transfer of SPV to the successful bidder. Hence expenditure incurred from incorporation till transfer of SPV to the successful bidder is charged to the Statement of Profit and Loss.

Further, wherever, payments relating to the Company are made by the Holding Company and the ultimate Holding Company, procedural and statutory requirements with regard to deduction of Tax at Source and deposit thereof as applicable are also complied with by the Holding Company and the ultimate Holding Company against payments released on their account.

2.3 Significant management judgment in applying accounting policies and estimation of uncertainty

The preparation of the Company's financial statements requires management to make judgment's, estimates and assumptions that affect the reported amounts of revenues, expenses, assets and liabilities, and the related disclosures. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Such estimates & assumptions are based on management evaluation of relevant facts & circumstances as on date of financial statements. Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period; they are recognised in the period of the revision and future periods if the revision affects both current and future periods.

3. Significant estimates and judgment's

The preparation of the Company's financial statements requires management to make judgments, estimates, and assumptions that affect the reported amounts of revenues, expenses, assets and liabilities, and the related disclosures. Actual results may differ from these estimates.

R. BHARGAVA & ASSOCIATES CHARTERED ACCOUNTANTS NEW DELHI

Significant management judgments

Recognition of deferred tax assets/ liability – The extent to which deferred tax assets can be recognized is based on an assessment of the probability of the future taxable income against which the deferred tax assets can be utilized.

Evaluation of indicators for impairment of assets – The evaluation of the applicability of indicators of impairment of assets requires assessment of several external and internal factors which could result in deterioration of recoverable amount of the assets.

Allocation of indirect / common expenses - Indirect/Common Expenses of the company has been allocated in proportionate basis by the holding company. The allocation percentage has been reviewed based on the prevailing business activates of the holding company during the financial year.

Significant estimates

Useful lives of depreciable/amortizable assets – Management reviews its estimate of the useful lives of depreciable/amortizable assets at each reporting date, based on the expected utility of the assets. Uncertainties in these estimates relate to technical and economic obsolescence that may change the utility of assets.

Fair value measurements – Management applies valuation techniques to determine the fair value of financial instruments (where active market quotes are not available). This involves developing estimates and assumptions consistent with how market participants would price the instrument. In estimating the fair value of an asset or a liability, the Company uses market-observable data to the extent it is available. In case of non-availability of market-observable data, Level 2 & Level 3 hierarchy is used for fair valuation.

Income Taxes – Significant estimates are involved in determining the provision for income taxes, including amount expected to be paid/ recovered for uncertain tax positions and also in respect of expected future profitability to assess deferred tax asset.



SAKOLI POWER TRANSMISSION LIMITED
Notes forming part of Financial Statements for the year ended 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

4 **Cash and cash equivalents**

Particulars	As at 31 March, 2026
Balances with banks:	
- with bank in current accounts	500.00
	500.00

5 **Equity share capital**

Particulars	As at 31 March, 2026
Authorized equity share capital	
50,000 Equity shares of Rs 10 each	500.00
	500.00
Issued, subscribed and paid up equity share capital	
50,000 Equity shares of Rs 10 each	500.00
	500.00

i) Terms & Right attached to equity shares:

The Company has only one class of equity shares having par value of Rs.10 per share. Each holder of equity shares is entitled to one vote per share. In the event of the liqidation of the Company, the holders of equity shares will be entitled to receive remaining assets of the Company after distribution of all preferential amounts. The distribution will be in proportion to the number of equity shares held by the share holders. The dividend proposed by the Board of Directors is subject to the approval of the shareholders in the ensuing annual general meeting, except in case of interim dividend.

ii) Reconciliation of equity shares outstanding at the beginning and at the end of the period

	As at 31 March, 2026	
	No. of shares	(₹ Thousand)
Equity share capital of ₹ 10 each fully paid up		
Balance at the beginning of the year	-	-
Add: Issued during the year	50,000	500.00
Balance at the end of the period	**50,000**	**500.00**

iii) Shareholders holding more than 5% of shares of the Company as at balance sheet date:

	As at 31 March, 2026	
	No. of shares	% holding
49,994 Equity Shares held by REC Power Development & Consultancy Limited (RECPDCL) and Balance 6 Equity Shares through other nominee of RECPDCL.	49,994	99.988%

iv) Shares held by Promotor:

	As at 31 March, 2026	
	No. of shares	% holding
49,994 Equity Shares held by REC Power Development & Consultancy Limited (RECPDCL) and Balance 6 Equity Shares through other nominee of RECPDCL.	49,994	99.988%

v) The Company has neither issued equity shares pursuant to contract without payment being received in cash or any bonus shares nor has there been any buy-back of shares since its incorporation.

R. BHARGAVA & ASSOCIATES CHARTERED ACCOUNTANTS NEW DELHI

SAKOLI POWER TRANSMISSION LIMITED
Notes forming part of Financial Statements for the year ended 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

6 **Other equity**

Particulars	As at 31 March, 2026
Retained earnings	
Balance at the beginning of the period / year	-
Add: Changes due to Accounting Policy	-
Add : Transferred from statement of profit and loss	(6,270.82)
Closing Balalnce at the end of the period / year	(6,270.82)
Total other equity	**(6,270.82)**

7 **Other financial liabilities (Current)**

Particulars	As at 31 March, 2026
(Unsecured Considered Good) (Non MSME Creditors)	
Sundry Creditors	
*(RECPDCL- Holding Company)	
Less Than 1 Year	5,940.80
	5,940.80

* Refer note 12 on related party transactions

8 **Provisions**

Particulars	As at 31 March, 2026
Statutory dues Payable	
- TDS payable	271.02
Audit Fees payable	59.00
	330.02

R. BHARGAVA & ASSOCIATES CHARTERED ACCOUNTANTS NEW DELHI

SAKOLI POWER TRANSMISSION LIMITED
Notes forming part of Financial Statements for the year ended 31 March, 2026

(All amounts in ₹ thousands, unless stated otherwise)

9 **Other expenses**

Particulars	For the period ended 31 March, 2026
Auditor Remuneration	59.00
Advertisement	1,465.98
Legal,Professional & Consultancy fees	-
Survey	689.12
MCA & ROC Filings	13.87
Manpower Allocated by Holding Company	3,006.21
Miscellaneous Expenses	11.63
Common / Establishment Expenses	775.88
	6,021.69
***Comprises of following:**	
As auditors- statutory audit	59.00
	59.00

10 **Finance Costs**

Particulars	For the period ended 31 March, 2026
Interest Expenses	249.13
	249.13

11 **Tax expense**

Particulars	For the period ended 31 March, 2026
Current tax	
Tax pertaining to current period	-
Tax pertaining to earlier years	-
Deferred tax expense/(credit)	
	-

The major components of income tax expense and the reconciliation of expense based on the domestic effective tax rate of at 25.168% .

Accounting Loss before income tax	(6,270.82)
At country's statutory income tax rate of 25.168%	-
Adjustments in respect of taxes earlier years	
(i) Non-deductible expenses for tax purposes	-
(ii) Non-taxable incomes	-
(iii) Earlier year taxes	-
(iv) Deferred tax on allowable provisional expenditure of earlier year	-
(v) Deferred tax change due to rate change	-
	-

In accordance with the notified Indian Accounting Standard 12, "Income Taxes", deferred tax assets on carried forward losses, unabsorbed depreciation and other timing differences have not been accounted in the books. However in the absence of virtual certainity as to its realisation of deferred tax assets (DTA), DTA has not been created.

12 **Basic/diluted earnings/ loss per share**

Net profit (loss) for the year	(6,270.82)
Weighted average number of equity shares for EPS (in numbers)	50,000
Par value per share (in ₹)	10
Earnings per share - Basic and diluted (in ₹)	(125.42)

R. BHARGAVA & ASSOCIATES NEW DELHI CHARTERED ACCOUNTANTS

13 **Related party transactions**

In accordance with the requirements of Indian Accounting Standard – 24 the names of the related parties where control/ability to exercise significant influence exists, along with the aggregate amount of transactions and year end balances with them as identified and certified by the management are given below:

a. **Details of related parties:**

Description of relationship	Names of related parties
Holding company	REC Power Development & Consultancy Limited (RECPDCL)
Parent's Holding company	REC Limited

Key management personnel (KMP)

The Company is a wholly owned subsidiary of REC Power Development & Consultancy Limited, which is further wholly owned by REC Limited. The Key Managerial Personnel of the Company are employees of REC Limited, deployed on part time basis. No managerial remuneration is paid to them by the Company. The details of such Key Managerial Personnel are as below.

Name	Designation	Date of Appointment	Date of resignation
NAVITA DUBAL	Chairman and Director	07 July, 2025	-
NEERAJKUMAR VIJAY SHARMA	Director	07 July, 2025	-
ARUN KUMAR CHATURVEDI	Director	07 July, 2025	-

KMP;s / Directors Remuneration	For the period ended 31 March, 2026
Remuneration to KMP's	0.00

b. **Transactions with Holding Company (RECPDCL) are as under:**

	Name of Related Party	For period ended 31 March, 2026
(i) Transactions during the year		
Allocation of expenses	Holding Company (RECPDCL)	5,962.69
Interest	Holding Company (RECPDCL)	249.13
(ii) Outstanding Balances at year end		
Payable to Holding Company	Holding Company (RECPDCL)	5,940.80

14 **Capital management policies and procedures**

The Company's capital includes issued share capital and all other distributable reserves (except for specific restricted reserves). The primary objective of the Company's capital management is to maximise shareholder value and to maintain an optimal capital structure to reduce the cost of capital. The Company does not have any non-current borrowings and all its capital needs are met by capital or shareholders only.



Notes forming part of Financial Statements for the year ended 31 March, 2026
(All amounts in ₹ thousands, unless stated otherwise)

15 Financial instruments

i) Financial instruments by category measured at amortized cost:

Particulars	As at 31 March, 2024
Financial assets	
Cash and cash equivalents	500.00
Total	500.00
Financial liabilities	
Other financial liabilities (Current)	-
Total	-

The carrying amounts of financial assets and liabilities are considered a reasonable approximation of their fair values.

ii) Fair values hierarchy

The Company does not have any financial assets or financial liabilities carried at fair value.
The carrying amounts of other financial assets and financial liabilities measured at amortised cost in the financial statements are a reasonable approximation of their fair values.

16 Financial risk management

i) Risk management

The main types of risks to which the Company is exposed in relation to financial instruments are as follows:

A) Credit risk

The Company only possess cash and cash equivalents as financial asset as on closing dates, hence and credit risk relating to cash and cash equivalents is considered to be negligible as counterparties are banks. The management considers the credit quality of deposits/balances with such banks to be good and reviews the banking relationships on an on-going basis.

B) Liquidity risk

Ultimate responsibility for liquidity risk management rests with the Board of Directors. The Company manages liquidity risk by maintaining adequate reserves and by continuously monitoring forecast and actual cash flows, and by anticipating the maturity profiles of financial liabilities. Management monitors rolling forecasts of the Company's liquidity position and cash and cash equivalents on the basis of expected cash flows. Further the Holding Company also incurs all the expenses on behalf of the Company and provides and unconditional liquidity support as an ongoing mechanism basis.

Maturities of financial liabilities

The Financial liabilities of the Company comprises of :
Audit Fees payable - which is paid by Holding Co. on behalf of this Co. and
Liabilities payable to Holding Co. - The same is discharged by the selected bidder through TBCB process conducted by Holding Co) which purchases the company by taking over all assets and liabilities of the company .However expected date of the same is not determinable.

C) Market risk

Market risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices. It comprises of currency risk, interest rate risk and price risk.

Currency risk

The company does not have any foreign currency transactions, hence, it is not exposed to currency risk.

Interest rate risk

As the Company does not have any third party borrowings outstanding, it is not exposed to interest rate risk.

Price risk

The company does not have any financial instrument which exposes it to price risk.

R. BHARGAVA & ASSOCIATES NEW DELHI CHARTERED ACCOUNTANTS

SAKOLI POWER TRANSMISSION LIMITED
Notes forming part of Financial Statements for the year ended 31 March, 2026
(All amounts in ₹ thousands, unless stated otherwise)

17 Ratios Analysis

	31 March, 2026			31 March, 2025			Analysis	
Ratio	Numerator	Denominator	Ratios	Numerator	Denominator	Ratios	% Variance	Reason for Variance
Current Ratio	500.00	6,270.82	0.08	NA	NA	NA	NA	

1. Current ratio - Numerator includes current assets and Denominator includes current liabilities
2. Return on Equity ratio - As there is no operation till now in the organisation there is no need for this ratio.
3. Return on capital employed - As there is no operation till now in the organisation there is no need for this ratio.
4. As the other ratios are NIL or NA, hence the same are not presented

18 Other notes to accounts

18.1 There is no employee in the roll of the Company. Employees working for the Company are in the roll of the holding company i.e. RECPDCL and ultimate holding company i.e. REC Limited. The employee expenses including contributions in respect of liabilities for employee benefit expense towards leave, provident fund, superannuation and all other benefits as applicable are accounted for by the holding company and ultimate holding company. Hence, disclosure requirements under Ind AS 19 is not applicable.

18.2 The code on social securtiy 2020 (Code) relating to employee benefit during employment and post employment benefit received presidential accent in September 2020. The code has been published in the Gazette of India. However, the date onwhich the code will come in to effect has been notified now. However, there are no employees on roll of company.

18.3 The company is incorporated on 07.07.2025. This is the first year of the incorporation of company. Hence previous years comparative figures are not available.

18.4 The Company is operating in a single segment and therefore disclosure requirements under Ind AS 108 is not applicable.

18.5 There has no transaction under section 248 of the companies Act,2013 with stuck off companies during the year.

18.6 The Companies does not have more than 2 layers as specified in sub rule (2) of companies (Restriction on number of layers) Rules, 2017.

18.7 There is a contigent liability against the company for the survey expense amount to 20% i.e 146 (730*20%).The basic pupose of the company is to disposal of company shareholding in future so the 20% of the contract amount of survey expenses is payable on handing over of the SPV which is uncertain hence we consider it as a contigent liability.

18.8 The company has no non material adjustment event after reporting period.

18.9 As per the provision of the companies Act, 2013, the figures have been rounded off to the nearest of Thousand and decimal thereof.

18.10 There are no foreign currency transactions during the year. Therefore no disclosures are required under Schedule III of the Companies Act, 2013.

18.11 Negative figures have been shown in bracket.

18.12 Other additonal regulatory information are either NIL or not applicable to the Company

18.13 The Company is a wholly owned subsidiary of REC Power Development & Consultancy Limited. The Company is a special purpose vehicle incorporated for "Establishment of 400/220/132 kV Sakoli (Dist. Bhandara)". The Government of India has appointed RECPDCL as Bid Process Co-coordinator for selection of the developer for the project through tariff based competitive bidding process. On completion of the bid process, the successful bidder is to acquire one hundred percent (100%) of the equity shares of the company along with all its related assets and liabilities.

For R. Bhargava & Associates
Chartered Accountants
FRN: 012788N

CA Rakesh Bhargava
Partner
Membership no: 071637
Date:08 July,2026
Place: New Delhi

For and on behalf of Board of Directors of
SAKOLI POWER TRANSMISSION LIMITED

NAVITA DUBAL
Director
DIN: 11006507
Date: 21.04.2026
Place: New Delhi

NEERAJKUMAR VIJAY SHARMA
Director
DIN: 10732032
Date: 21.04.2026
Place: New Delhi

RECEIPT

Counterfoil (Office Copy)

No. : 2377

Dated : Sep 29, 2026

Received From : SAKOLI POWER TRANSMISSION LIMITED (SPTL)
at S. No. 861, Ashoka House, Ashoka Marg, Vadala, Nasik, Maharashtra
Nashik, Maharashtra

With Letter No. : ..... **Dated :** .....

The Sum of Rs. : Five Lac Only.

Cheque / Bank Draft No. : 7143462806213 **Dated :** Sep 29, 2026

Drawn On : SBIN
CHY3525252

Account Of :

In Payment Of .....

Rs. 500000

Initials Maharashtra Electricity Regulatory Commission (MERC)

***Subject to realization**

Designation :

Sep 29, 2026, 6:42 PM

Annexure A-13

RECEIPT

Counterfoil (Office Copy)

No. : 2377

Dated : Sep 29, 2026

Received From :	SAKOLI POWER TRANSMISSION LIMITED (SPTL) at S. No. 861, Ashoka House, Ashoka Marg, Vadala, Nasik, Maharashtra Nashik, Maharashtra		
With Letter No. :	.....	**Dated :**	.....
The Sum of Rs. :	Five Lac Only.		
Cheque / Bank Draft No. :	7143462806213	**Dated :**	Sep 29, 2026
Drawn On :	SBIN CHY3525252	**Account Of :**	
In Payment Of	.....		
Rs. 500000		**Initials**	Maharashtra Electricity Regulatory Commission (MERC)
***Subject to realization**		**Designation :**	

Sep 29, 2026, 6:42 PM

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED BY THE BOARD OF DIRECTORS SAKOLI POWER TRANSMISSION LIMITED("COMPANY") AT ITS MEETING HELD ON SEPTEMBER 23, 2026 AT THE REGISTERED OFFICE OF THE COMPANY AT CORE-4, SCOPE COMPLEX, 7, LODHI ROAD, SOUTH DELHI, NEW DELHI, DELHI, INDIA, 110003

Authorisation:

"**RESOLVED THAT** consent of the Board of Directors be and is hereby accorded to authorise Mr. Anand Mahale, Director of the Company (DIN: 07377223) and Mr. Mukund Chandak, Authorised Person, on behalf of Sakoli Power Transmission Limited (hereinafter referred to as "the Company") to:

(a) Sign, verify, declare, affirm, make, present, submit and file all necessary legal documents, affidavits, undertakings, declarations, applications, statements and documents filed or to be filed by the Company before any court of law or any tribunal or any quasi-judicial or statutory or administrative authority;

(b) Sign and execute vakalatnamas on behalf of the Company before any court of law, tribunal, quasi-judicial, statutory or administrative authority;

(c) Appoint, engage, or change advocates, solicitors, legal counsel, or any other legal representative on behalf of the Company in connection with any legal proceedings, disputes, or matters;

(d) Sign and execute pleadings, petitions, applications, appeals, written statements, replies, rejoinders, counter-claims, affidavits and any other court filings or documents required in the course of legal proceedings before any court of law, tribunal, quasi-judicial, statutory or administrative authority;

(e) Represent the Company and take all necessary steps, actions, and measures in any legal proceedings, arbitration, mediation, conciliation, or any other dispute resolution mechanism on behalf of the Company;

(f) Do all such acts, things, and deeds as may be necessary or proper to give effect to this resolution."

"**RESOLVED FURTHER THAT** the person authorised above shall be responsible for obtaining necessary approvals required as per the Company's policies and applicable laws before exercising the aforesaid powers, which shall be valid, effective and exercisable by the said person, so long as he/she is in the employment of the Company unless revoked earlier by the Board of Directors."

For and on behalf of Board
Sakoli Power Transmission Limited

Rajendra Chindulal Burad
Director
DIN : 00112638

803

BEFORE THE LD. MAHARASHTRA ELECTRICITY REGULATORY COMMISSION, MUMBAI

CASE NO. ____ OF 2026

IN THE MATTER OF:

Sakoli Power Transmission Limited ...Petitioner

Versus

Maharashtra State Electricity Transmission Co. Ltd. & Ors. ...Respondent

VAKALATNAMA

I, Anand Balwant Mahale, son of Shri Balwant Rangnath Mahale, aged about 35 years, being the authorized signatory of the Petitioner, Sakoli Power Transmission Limited, working at Ashoka Buildcon Limited, duly authorized thereof, hereby appoint and retain Ms. Poonam Verma Sengupta, Mr. Saunak Kumar Rajguru, Mr. Pradyumn Amit Sharma, and all advocates of J. Sagar Associates to act and appear for us in the above Petition on our behalf to conduct and prosecute (or defend) the same and all proceedings that may be taken in respect of any application connected with the same or any decree or order passed herein, to file and obtain return of documents, and to deposit and receive on my/our behalf in the said Petition and in application of Revenue and represent me/us and to take all necessary steps on my/our behalf in the above matter. I agree to ratify all acts done by the aforesaid Advocates in pursuance of this authority.

PETITIONER

SAKOLI POWER TRANSMISSION LIMITED

D-3513-2023

MEMO OF APPEARANCE

Sir,

Please enter appearance on behalf of the Petitioner in the above matter.

Dated this 30th day of September 2026

D/1744/2004

J. SAGAR ASSOCIATES
3rd Floor, Tower C, WTC
Nauroji Nagar, New Delhi – 110029

PETITIONER

NOTARY
M. B. DAIVE
DIST. NASHIK (MAH.)
REG. No. 31447
Valid upto 31/01/2030
NOTARIAL

NOTARY
NOTED & REGISTERED
at Serial No. 1017/2026
Date:- 30/09/2026
THIS DOCUMENT
Contains 02 Pages.