

02<sup>nd</sup> December 2025

**NOTICE INVITING TENDER (NIT)**

**The Tata Power Company Limited Invites Tenders** through E-Tender Two-Part bidding process from interested bidders (with manufacturing / assembling facilities in India) for the following package required for its Transmission Divisions in Mumbai: -

**A. Summary of the tendered package:**

For the following packages contact person shall be Mr. Naman Patel ([naman.patel@tatapower.com](mailto:naman.patel@tatapower.com)) & Mr. Vivek Mittal ([vivek.mittal@tatapower.com](mailto:vivek.mittal@tatapower.com))

Sr No.	Description	Tender Reference no.	Bid Guarantee Fee / EMD (Rs.)	Tender Fee (Rs.)
1.	EPC of 110KV 1-Core 630 Sqmm Copper XLPE Lead Sheath cable along with associated accessories for providing power supply to 110KV Western Railway Dahisar TSS from Borivali RSS	<b>CC26NP031</b>	29,00,000/-	2000/-

For additional technical details and Pre-Qualification criteria for the subject works please refer **Section C** below.

**B. Guidelines for Participating:**

Interested bidders having executed similar projects can participate by submitting the following up to **1500 hrs. Friday 12<sup>th</sup> December 2025**: -

1. Non-Refundable Tender Fee, as indicated in table above, in the form of Direct deposit in the following bank account and submit the receipt along with a covering letter clearly indicating the Tender Reference number.

Beneficiary Name – The Tata Power Co. Ltd.

Bank Name – HDFC Bank Ltd.

Branch Name – Fort Branch, Mumbai

Address – Maneckji Wadia Building, Nanik Motwani Marg, Fort, Mumbai 400023.

Branch Code – 60

Bank & Branch Code – 400240015

Account No – 00600110000763

Account type – CC

IFSC Code – HDFC0000060

2. Bidders to also submit duly signed and stamped letter indicating name of authorized person, contact number and e-mail id (mandatory) on Bidder's letterhead. It is mandatory to mention Tender Reference no. in the said letter.

**Note:** Once the above-mentioned documents are received, detailed RFQ shall be issued through our e-tender system (ARIBA).

It may be please noted that all future correspondence will be strictly done only with **Interested Bidders** who have done the above steps in time with Authorized Person only through Tata Power E-Tender System.

Earnest Money Deposit (EMD) of **INR 29.00 Lakhs** is not to be submitted now and is required at a later stage along with tender submission in the form of Bank Guarantee.

**Section C: Pre-Qualification requirement and Bill of Quantity:** (Please refer the following pages for details).



Bidder Shall Qualify Part A & Part B					
Bidders Prequalifying Requirements for 110kV EHV Cable (Part B)					
To be filled up by Vendor					
Sr No	Parameter	Tata Power Requirement	Documents to be submitted by vendor to ascertain meeting of Pre-Qualification Requirement	Vendor Submission against Tata Power PQR Requirement	Documents submitted by Vendor to ascertain meeting of Pre-Qualification Requirement
1	2	3	4	5	6
1	Execution Capability	<p>1.0 EPC Bidder should have executed minimum 3 nos of EHV cable system projects (110 kV &amp; Above) in Tier 1 Cities (Category "X") (viz. Delhi, Mumbai, Kolkata, Chennai, Bangalore, Hyderabad, Ahmedabad &amp; Pune) with following scope:-</p> <p>a) Supply of EHV cable system from OEM.  b) Liasoning for obtaining statutory approvals required for EHV cable laying.  c) Civil works for cable trench, joint bays.  d) Laying, Jointing / Termination of cable system.  e) Backfilling and reinstatement of cable trench and commissioning of cable system.</p> <p>2.0 EPC bidder should have commissioned not less than 10.00 K.Ms. in last 5 Yrs as a Single Order.</p> <p>In case the bidder has a previous association with any of Tata Power Group companies for similar products and services, the performance feedback of the bidder by the Tata Power Group companies shall only be considered for evaluation purpose, irrespective of performance certificates issued by any third organization.</p>	List of Projects executed and certificates from utilities / clients.		
2	Projects in Service	Out of the 3 projects executed by the bidder, at least one project executed by the bidder shall be in service satisfactorily for minimum of three years as on date of bid submission.	Performance Certificates from the utilities / clients		
3	Commercial Capability	Average Annual turnover of the bidder for last three years shall not be less than INR 150 Crore	<p>Profit and Loss Statements, Balance Sheet, Cash Flow Statements for the Three (3) preceding financial years duly audited and approved by Authorized Audit Firm / CA.</p> <p>In case of JV, bidder to submit statement from Chartered Accountant (CA) certifying:-</p> <p>(a) Equity stake of the partners in the Joint Venture and  (b) Sum of Each Partners turnover multiplied by their respective equity stake in JV for last 3 years should exceed the Tata Power requirement  (c) JV to have positive Networth for preceding year. Incase JV does not have positive Networth then all partners to have positive Networth for preceding year.</p> <p>Backup guarantee document to be submitted by JV Partners to support the JV till execution of the project till completion of execution and completion of Latent Defect Liability Period.</p>		
4	Supply	Bidder or its OEM partner shall meet the qualifying requirement as mentioned in Part A.	Bidders confirmation.		
5	Warranty	<p>Bidder shall provide 5 years warranty for the supplied and installed Cable System.</p> <p>In case Bidder is an EPC Contractor, the warranty and gurantee on cable system shall be provided by the OEM. The OEM shall stand gurantee on the project and shall furnish authorization cum undertaking (As per format given in tender )</p>	<p>Bidders confirmation.</p> <p>Authorization cum Undertaking by OEM.</p>		
6	Other	One OEM shall submit only 01 bid (either directly or in partnetship with an EPC contractor).			

**Bill of Quantity**

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SUPPLY PART						
Sr. No.	Item Description	Quantity	Spare	Total Quantity	UoM	Remarks
1	Supply of 110 kV 1C x 630 sq.mm Copper conductor XLPE insulated, lead-sheathed cables	16000	0	16000	Mtrs.	
2	Sealing End for GIS termination with 110 kV 1C x 630 sq.mm Copper conductor XLPE insulated, lead-sheathed cable	4	1	5	Nos	
3	Sealing End for Outdoor termination with 110 kV 1C x 630 sq.mm Copper conductor XLPE insulated, lead-sheathed cable	6	1	7	Nos	
4	Supply of joints for 110 kV 1C x 630 sq.mm Copper conductor XLPE insulated, lead-sheathed cables	36	0	36	Nos	
5	<b>Supply of three-phase link box</b>	18	0	18	Nos	
6	Supply of Coaxial Cable along with Lugs and Connectors	432	0	432	Mtrs.	3 cable/Joint Bay of 12m
7	Supply of Single Phase link box for sheath bonding	10	0	10	Nos	GIS sealing end
8	Sheath Bonding Cable	200	0	200	Mtrs.	20m (200m drum)
9	Earth Continuity Cable	8000	0	8000	Mtrs.	
10	Supply of HDPE pipes for EHV cable (OD 250 mm & 6 Mtrs. length)	800	0	800	Nos	HDPE pipe = route length*0.30*3/6
11	Supply of Fibre optic cable ( <b>Quantity considered 2 no. 96 Core FO cable per circuit</b> )	16000	0	16000	Mtrs.	2 FO Cable
12	Cable Cleats	50	0	50	Nos	3 cleat/phase/
13	Galvanised Steel structure for cable Cleating arrangement	5	0	5	MT	0.5 MT per GIS sealing end
14	Mounting structure for outdoor cable termination	6	1	7	Nos	
15	Terminal connector for Outdoor termination	6	1	7	Nos	
16	Supply of Fiber termination Rack	2	0	2	Nos	
17	Supply of HDPE pipes for FO cable (dia 40 mm)	16000	0	16000	Mtrs.	
18	Supply of FOP Joint Boxes	8	1	9	Nos	1500 meter drum
19	Supply of cable tiles	36000	0	36000	Nos	9 tiles per meter
20	Patch Cord for 96F Fiber Optic Cable	50	0	50	Nos	
21	Supply of FO termination kit	8	0	8	Nos	
SERVICE PART						
Sr. No.	Item Description	Quantity	Spare	Total Quantity	UoM	Remarks
1	<b>Detailed surveying of the Cable route</b> along the alignment fixed by the owner & preparation of profile drawing for cable laying and preparation of final cable route in 6 sets of hard & soft copy in a scale of 1:10 indicating the position of cable jointing chambers, earthing details, position of cable route marker, land marks etc., after completing the work & energizing for the use of permanent record, GPS mapping of utilities to be indicated in the drawing complete	4000	0	4000	Mtrs.	

2	<b>Excavation of Cable trenches</b> as per approved drawings with proper wooden shoring, de-watering arrangement & with sufficient clearances from all sites. Excavation in all types of soil -except hard murrum, earth rock/debries, backfilled earth, where underground service lines are likely to be present, shoring the trenches, demolishing PCC, Brick work, Rubble masonry encountered while making the trenches, disposal of excavated earth within 24 hours. Laying of PCC bed & erecting side tiles, Warning tape refer Approved trench drawing. Backfilling with STB upto 660 mm as per drawing of trench. Backfilling above RCC tiles upto road level with excavated earth as per approved trench drawing with Compaction and NOC from Concern Authority/Agency complete (for two Circuits). Trench Cross-section Drawings shall be prepared by Bidder as per Specifications and approved by Owner.	2800	0	<b>2800</b>	<b>RMtrs.</b>	
3	<b>Excavation for Road crossing</b> as per approved drawings with proper, de-watering arrangement & sufficient clearances from all sites. Excavation in all types of soil - hard murrum, earth rock, debris, backfilled earth, where underground service lines are likely to be present, demolishing PCC/brick work/rubble masonry encountered while making the trenches, disposal of excavated earth within 24 hours. Laying of PCC bed and HDPE pipes & erecting side tiles approved trench drawing. Backfilling with (sand metal mix) ,Warning tape, Top will be Reinstated with Soling & Compaction, Asphalt,& PCC M 20 or Statutory requirement on Top Crossing drawing complete. (for two Circuits) Trench Cross section Drawings shall be prepared by Bidder as per Specifications and approved by Owner.	1200	0	<b>1200</b>	<b>RMtrs.</b>	
4	Services for laying of tiles 660x500x60 mm complete (including shifting, transportation and laying in trench)	36000	0	<b>36000</b>	<b>Nos</b>	
5	<b>Services for un-coiling &amp; laying 110 kV 1C x 630 sq.mm Copper conductor XLPE insulated, lead-sheathed cable:</b> as per approved drawing & specification in open trench & through HDPE pipe laid along the route, including Loading from store, transportation, unloading at site, returning cable drum to tata power warehouse, permits from concern authority, trefoil formation, phase marking complete.	16	0	<b>16</b>	<b>kM</b>	
6	<b>Services for un-coiling &amp; laying optical fibre cable 96 Fibre</b> of specified type along the cable trench through HDPE pipe as per approved drawing & specification including Loading from store, transportation, unloading at site, returning cable drum to tata power warehouse, permits from concern authority, labour charge complete, Tests	16	0	<b>16</b>	<b>kM</b>	
7	Services for OFC splicing & termination	8	0	<b>8</b>	<b>Nos</b>	
8	Construction of FO cable hand hole	8	0	<b>8</b>	<b>Each</b>	
9	Services for construction of cable jointing chamber (RCC types) along with Below ground Earth mat (along with supply of material as per specification) for Joint bay of suitable dimensions as mutually agreed for 1 circuits i.e., 3 no of cable with link boxes, earthing as per site requirement as per specifications. Including supply & filling submerged (Including supply and filling of STB) [10.0 Mtrs.] (As per Site conditions, final number of joint bays will be decided)	18	0	<b>18</b>	<b>Nos</b>	
10	Services for installation of straight joint/cross bonding joint of 110 kV UG cable	36	0	<b>36</b>	<b>Nos</b>	
11	Services for installation of GIS & Outdoor termination of 110 kV UG cable	10	0	<b>10</b>	<b>Nos</b>	
12	Services for 40 mm dia duct for 96F optical fibre cable complete	16000	0	<b>16000</b>	<b>Mtrs.</b>	
13	Services for termination rack for 96F optic fibre cable complete	2	0	<b>2</b>	<b>Nos</b>	
14	Services for FO Termination box	8	0	<b>8</b>	<b>Sets</b>	
15	Services for Joint box for FO cable	8	0	<b>8</b>	<b>Sets</b>	
16	Installation of Link Box in Termination/joints including earthing	28	0	<b>28</b>	<b>Nos</b>	
17	Services for Patch Cord for 96F Fiber Optic Cable	50	0	<b>50</b>	<b>Nos</b>	

18	Installation of Terminal connector for Outdoor termination	6	0	6	Nos	
19	Fabrication of Structural Steel for cable cleating arrangement	5	0	5	MT	
20	Installation of Mounting structure for Outdoor cable terminator	6	0	6	Nos	
21	HDD work for Double circuit with 6 nos 250 mm dia HDPE pipes for critical road crossings	100	0	100	Mtrs.	
22	Trial Pits	100	0	100	Nos	1 trial pit every 200 meters
23	Testing & Commissioning (Per Circuit)	2	0	2	Lot	
24	Reinstatement Charges for Concrete Surface	4000	0	4000	Mtrs	
25	Nala/Bridge crossing	50	0	50	LS	