

04th March 2026

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) & Mr. Vivek Mittal (vivek.mittal@tatapower.com)

Sr No.	Description	Tender Reference no.	Bid Guarantee Fee / EMD (Rs.)	Tender Fee (Rs.)
1.	EPC of 400KV 1-Core 2500 Sqmm Copper XLPE Lead Sheath cable along with associated accessories and civil works for establishment of 400KV Voltage level at Dharavi RSS.	CC26NP040	50,00,000/-	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 13th March 2026:** -

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 50.00 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).

Bidders Prequalifying Requirements for 400 kV EHV Cable			
Sr No	Parameter	Tata Power Requirement	Documents to be submitted by vendor to ascertain meeting of Pre-Qualification Requirement
1	2	3	4
1	Infrastructure	Bidder shall be OEM of 400 kV and above voltage class, single core XLPE cables with manufacturing facility / assembly preferably in India but not mandatorily, Or, Bidder shall be an EPC Contractor with undertaking from OEM of 400 KV and above voltage class with manufacturing facility/assembly preferably in India but not mandatorily.	Undertaking from manufacturer to be submitted in this regard. Tata Power reserves the right to inspect the said manufacturing facility as a proof of compliance to this parameter.
2	Supply & Experience	<p>Bidder/OEM partner whose XLPE Power Cables are offered must have designed, manufactured, type tested and supplied in a single contract atleast 10 (Ten) km of single core, 400KV grade XLPE insulated 2500 sqmm copper conductor cable which must be in operation for atleast 2 years as on original bid submission date.</p> <p>The Bidder have to supply Make of cables, joint kits and termination kits same as per Type test and PQ test.</p> <p>Indian Subsidiaries of global parent companies registered & having plant in India can be considered for supply provided Parent supports the bidder to meet the PQR. In such cases, documentary evidences shall be furnished for proving the Parent - Subsidiary relationship and a Backup guarantee of five years for successful operation of the cable shall be furnished by the Parent.</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>	<p>Supply List / Performance Certificates from the utilities / clients</p> <p>Valid type test and PQ tests as per requirements</p> <p>Relevant documentary evidences & a Backup guarantee.</p>
3	Type Test	<p>The OEM partner shall have conducted PreQualification tests on the cable offered as per IEC 62067. The bidder shall submit Type test reports obtained from third party NABL/ International Accredited Lab as per IEC 62067 for 400kV or higher voltage grade copper cable for 2500 sqmm or higher size XLPE cable and accessories.</p> <p>The Bidder shall supply the cables and accessories only from the manufacturing plant where the Type test and Pre-Qualification (PQ) tests have been successfully conducted.</p> <p>The type tests should have been conducted within 5 years prior to the date of bid opening. Time period for type test may be extended by another 5 years as a special case, if there is no change in design / material of construction (MOC).</p>	<p>Type Test Report and PQ test Report.</p> <p>Undertaking that there is no change in design / material of construction (MOC) if Type Test Report older than 5 years but less than 10 years prior to date of bid opening has to be considered (if applicable)</p>
4	Execution Capability	<p>1.0 Bidder should have executed EHV cable system projects or work orders (400 kV/220 kV) with following scope:-</p> <ol style="list-style-type: none"> Supply of EHV cable system from OEM. Liasoning for obtaining statutory approvals required for EHV cable laying. Civil works for cable trench, joint bays. Laying, Jointing / Termination of cable system. Backfilling and reinstatement of cable trench and commissioning of cable system. Quantities should be minimum 10 km which should be operated for minimum 2 years. <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.
5	Commercial Capability	Average Annual turnover of the bidder for last three years shall not be less than INR 400 Crores	<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>Bidder to submit statement from Chartered Accountant (CA) certifying:-</p> <ol style="list-style-type: none"> Equity stake of the partners in the Joint Venture and Sum turnover for last 3 years should exceed the Tata Power requirement Have positive Networth for preceding year. <p>Backup guarantee document to be submitted by OEM Partners to support till execution of the project till completion of Latent Defect Liability Period.</p>
6	Warranty	Bidder shall provide 5 years warranty for the supplied and installed Cable System. 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>Bidders confirmation.</p> <p>Authorization cum Undertaking by OEM.</p>

BOQ: Design, Engineering, Manufacturing, Factory Acceptance Test, Transportation to site, Installation and Commissioning of 400 kV Ghatkoper Dharavi Project with 1Cx2500 mm² & 1Cx1600 mm² Cu Conductor XLPE lead sheath cables of 400 KV

SUPPLY PART						
Sr. No.	Item Description	Quantity	Spare	Total Required Quantity	UoM	Remarks
1	Supply of 1C x 2500 Sqmm CU conductor XLPE, lead sheath cables of 400 kV as per specifications	33600	400	34000	Mtrs.	
2	Supply of 1C x 1600 Sqmm CU conductor XLPE, lead sheath cables of 400 kV as per specifications	1800		1800	Mtrs.	
3	Sealing End for GIS /TRF ermination for Cable 400 kV 1C XLPE Copper 2500 sq mm as per specifications	6	3	9	Nos	
4	Sealing End for GIS /TRF ermination for Cable 400 kV 1C XLPE Copper 1600 sq mm as per specifications	18	3	21	Nos	
5	Supply of cross bonded/straight joints for 400 kV 1C 2500 Sqmm Cu. XLPE Cable	As per Bonding Scheme	4		Nos	
6	Supply of Three Phase link box with/without SVL for cross bonding	As per Bonding Scheme	3		Nos	
7	Supply of Coaxial Cable (Min 500 sqmm Copper conductor) along with Lugs and Connectors	1500		1500	Mtrs.	
8	Supply of Single Phase link box for sheath bonding 63 kA	24	2	26	Nos	
9	Sheath Bonding Cable (Min 500 Sqmm Copper conductor)	500		500	Mtrs.	
10	Supply of HDPE pipes for EHV cable (OD 315 mm & 6 mtr length)	2000		2000	Nos	
11	Supply of Fibre optic cable along with patch cord (Quantity considered 2 no. 96 Core FO cable per circuit)	23000		23000	Mtrs.	
12	Cable Cleats	100		100	Nos	
13	Galvanised Steel structure for cable Cleating arrangement	3		3	MT	
14	Mounting structure for cable termination	6		6	MT	
15	Supply of Fiber termination Rack	2		2	Nos	
16	Supply of HDPE pipes for FO cable (dia 40 mm)	34600		34600	Mtrs.	2000 meter drum
17	No. of FO joint boxes for 96F cable	20		20	Nos	
18	No. of termination kits (96F)	8	1	9	Nos	
19	DISTRIBUTED TEMP MONITORING SYSTEM(DTS)	1		1	Set	
20	DISTRIBUTED ACCOSTIC SYSTEM (DAS)	1		1	Set	
21	CABLE CONDITION MONITORING SYSTEM	1		1	Set	
22	OPTIC FIBER CABLE FOR DTS	11500		11500	Mtrs.	12 core
23	Supply of cable tiles (Size 750x440x60 mm)	89600		89600	Nos	8 tiles per meter
24	PATCH CORD FOR 96F OPTIC FIBER CABLE	200		200	Nos	
25	No. of joint boxes for DAS/DTS cable	12		12	Nos	
26	No. of termination kits (12 Core)	2		2	Nos	
27	Supply of additional HDPE pipes (OD 315 mm & 6 mtr length)	3800		3800	Nos	As per MCGM guidelines

SERVICE PART

Sr. No.	Item Description	Total Quantity (including Spares)	Spare	UoM	Remarks	Column1
1	Detailed surveying of the cable route along the alignment fixed by the owner, preparation of profile drawings for cable laying, and preparation of the final cable route in 6 sets of hard and soft copies at a scale of 1:10. The drawings should indicate the positions of cable jointing chambers, earthing details, positions of cable route markers, landmarks, etc. After completing the work and energizing for permanent record use, GPS mapping of utilities should be included in the final drawings.	11200		Mtrs.		
2	Excavation of cable trenches as per approved drawings, with proper wooden shoring, de-watering arrangements, and sufficient clearances from all sites. Excavation in all types of soil, except hard murrum, earth rock/debris, and backfilled earth, where underground service lines are likely to be present. Shoring the trenches, demolition of PCC, brickwork, and rubble masonry encountered while making the trenches. Disposal of excavated earth within 24 hours. Laying of PCC bed and erecting side tiles. Warning tape as per approved trench drawing. Backfilling with STB up to 750 mm as per trench drawing. Backfilling above RCC tiles up to road level with excavated earth as per the approved trench drawing, with compaction and obtaining NOC from the concerned authority/agency, complete (for one circuit OF 400 Kv). Trench cross-section drawings shall be prepared by the bidder as per specifications and approved by the owner.	6720		RMtr		
3	Excavation for Major road crossing as per approved drawings, with proper de-watering arrangements and sufficient clearances from all sites. Excavation in all types of soil, including hard murrum, earth rock, debris, and backfilled earth, where underground service lines are likely to be present. Demolition of PCC, brickwork, or rubble masonry encountered while making the trenches, with disposal of excavated earth within 24 hours. Laying of PCC bed and HDPE pipes, and erecting side tiles as per the approved trench drawing. Backfilling with a sand-metal mix, warning tape, and reinstating the top with soling, compaction, asphalt, and PCC M20 or as per statutory requirements on top of the crossing. (For one circuit OF 400 kV). Trench cross-section drawings shall be prepared by the bidder as per specifications and approved by the owner.	2240		RMtr		
4	Excavation for Minor road crossing as per approved drawings, with proper de-watering arrangements and sufficient clearances from all sites. Excavation in all types of soil, including hard murrum, earth rock, debris, and backfilled earth, where underground service lines are likely to be present. Demolition of PCC, brickwork, or rubble masonry encountered while making the trenches, with disposal of excavated earth within 24 hours. Laying of PCC bed and HDPE pipes, and erecting side tiles as per the approved trench drawing. Backfilling with a sand-metal mix, warning tape, and reinstating the top with soling, compaction, asphalt, and PCC M20 or as per statutory requirements on top of the crossing. (For one circuit). Trench cross-section drawings shall be prepared by the bidder as per specifications and approved by the owner.	2240		RMtr		
5	Services for laying of tiles 750x440x60 mm complete (including shifting, transportation and laying in trench).	89600		Nos		
6	Services for un-coiling & laying 400 kV, 2500 Sq.mm XLPE insulated cables 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,	33600		Mtrs		
7	Services for uncoiling and laying 96-core optical fiber cable of the specified type along the cable trench through HDPE pipe, as per the approved drawing and specification, including loading from the store, transportation, unloading at the site, returning the cable drum to Tata Power warehouse, obtaining permits from the concerned authorities, labor charges, and testing.	23000		Mtrs		
8	Services for uncoiling and laying 12-core DTS optical fiber cable of the specified type along the cable trench through HDPE pipe, as per the approved drawing and specification, including loading from the store, transportation, unloading at the site, returning the cable drum to Tata Power warehouse, obtaining permits from the concerned authorities, labor charges, and testing.	11500		Mtrs		
9	Services for OFC splicing & termination	20		Nos		
10	Construction of FO cable hand hole	32		Each		
11	Services for the construction of a cable jointing chamber (RCC type) along with a below-ground earth mat (including supply of material as per specification) for the joint bay of suitable dimensions, as mutually agreed, for 1 circuit (i.e., 3 cables) with link boxes and earthing as per site requirements and specifications. This includes the supply and filling of submerged material (including supply and filling of STB) (The final number of joint bays will be decided based on site conditions.)	As per bonding scheme		Nos		
12	Services for installation of straight joint/cross bonding joint of 400 kV UG cable.	As per Bonding Scheme		Nos		
13	Services for installation of GIS & Transformer termination of 400 kV UG cable	6		Nos		
14	Services for 40 mm dia duct for 96F optical fibre cable complete	34600		Mtrs		
15	Services for termination rack for 96F optic fibre cable complete	2		Nos		
16	Services for FO Termination box	9		Sets		
17	Services for Joint box for FO cable	32		Sets		
18	Installation of Link Box in Termination/Joints including earthing	64		Nos		
19	Fabrication of Structural Steel for cable cleating arrangement	3		MT		
20	INSTALLATION OF DTS SYSTEM	1		Each		
21	INSTALLATION OF DAS SYSTEM	1		Each		
22	INSTALLATION OF CABLE CONDITION MONITORING SYSTEM	1		Each		
23	Services for PATCH CORD FOR 96F OPTIC FIBER CABLE	200		Nos		
24	Trial Pits	200		Nos		
25	Testing & Commissioning (Per Circuit)	4		Lot		
26	HDD work for 1 no of ckt with 3 nos of 315 mm dia & 1 no 160 mm dia HDPE pipes for critical road crossings along with supply of suitable HDD HDPE Pipes	1000		Mtr		
27	Construction of Bridge structure for 3 nos of drain crossing with 6 nos of 315 mm HDPE pipe, 4 nos 160 mm HDPE pipe & PCC with the cable	200		Mtr		
28	Push Jack system (1200 mm dia MS casing pipe) for 4 nos of 315 mm dia HDPE pipes for critical road crossings along with supply of suitable MS & HDPE Pipes	300		Mtr		
29	Services for additional 315 mm dia HDPE pipe laying	3800		Nos	As per MCGM guidelines	