

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 transmission project package required for its Transmission Division: -

Procedure for Participating in Tender

Tender Enquiry No.	Work Description	EMD (Rs.)	Tender Participation Fee (Rs.)	Last date & time for Payment of Tender Participation Fee*
CC27TP022	Transmission line Services for LILO work of 400kV Kharghar- Vikhroli Line at TPC Vikhroli	4,00,000 /-	2,000/-	1500 Hrs. Friday, 10 th July 2026.

*** Interested bidder is strongly advised not to wait by above time and purchase the tender immediately to get the link for bid submission. This will enable them to communicate/raise queries against the subject tender in time.**

Procedure for Participating in Tender. Following steps to be done before last date for purchase of tender,

1. Interested bidder to refer to the Section C: "Pre-Qualification Requirement" (PQR).
2. Eligible and Interested Bidder to submit duly signed and stamped letter on Bidder's letterhead indicating,
 - a. Tender Enquiry number.
 - b. Name of authorized person.
 - c. Contact number.
 - d. e-mail id.
 - e. Details of submission of Tender Participation Fee.
3. Non-Refundable Tender Participation Fee, as indicated in table above, to be submitted 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

E-mail with necessary attachment of 1 and 2 above to be send to tushar.patil@tatapower.com & with copy to vivek.mittal@tatapower.com before “Last date and time for Payment of Tender Participation Fee”.

Interested bidders to submit Tender Participation Fee and Authorization Letter before Last date and time as indicated above after which link from Tata Power E-Tender system (Ariba) will be shared for further communication and bid submission.

Please note all future correspondence regarding the tender, bid submission, bid submission date extension, Pre-bid query etc will happen only 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 (Ariba). User manual to guide the bidders to submit the bid through e-Tender system (Ariba) is also enclosed.

No e-mail or verbal correspondence will be responded. All communication will be done strictly with the bidder who have done the above steps (Payment of tender fee and submission of letter with requisite details) to participate in the Tender.

Also, it may be strictly noted that once date of “Last date and time for Payment of Tender Participation Fee” is lapsed no Bidder will be sent link from Tata Power E-Tender System (Ariba). Without this link vendor will not be able to participate in the tender. Any last moment request to participate in tender will not be acknowledged.

Any payment of Tender Participation Fee / EMD by Bidder who have not done the pre-requisite within stipulated timeline will not be refunded.

Also, all future corrigendum's to the said tender, if any, will be informed on Tender section on website <https://www.tatapower.com>

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

Package Name: Transmission Line services for LILO works of 400 kV Kharghar - Vikhroli Transmission Line at TPC Vikhroli RSS.

Package Ref No: CC27TP022

S No	Parameter	Tata Power Requirement	Documents To be submitted by Bidder to ascertain meeting of Pre-qualification requirement
1	Bidder's Technical Capability to handle jobs detailed in the Tender	<p>1) The Contractor shall have experience of working with utilities in Tier-1 cities for jobs like,</p> <p>a) Construction of Transmission Tower foundation.</p> <p>b) Erection / dismantling of Transmission Line Towers.</p> <p>c) Stringing / dismantling of Conductors.</p> <p>d) Supply & installation of Transmission Line & Tower Accessories on public roads & highways (in various power utilities) for voltage level of minimum 220 kV and above.</p> <p>2) Contractor shall have Electrical Contractor license and Electrical supervisor license.</p>	<p>Bidder to submit list of jobs and major order executed including order copies, customer reference documents.</p>
2	Qualification	<p>Bidder's staff shall have minimum qualification as per the following:-</p> <p>1. Supervisor should be B.E. with 2 years work experience OR Diploma with 3 years work experience.</p> <p>2. Skilled technicians shall have ITI / Wireman license.</p> <p>Tata Power reserves the right to assess the person prior to carrying out the required services.</p>	<p>Bidder to submit the list of manpower with qualifications & experience certificate during bid submission.</p>
3	Safety	<p>The said package being High Risk Service job will undergo detailed Safety Evaluation. Bidder will have to qualify in various aspects like requirement of safety, officer, Tata Power skilled Development Institute (TPSDI) trained workmen, Certifications etc.</p> <p>100% workmen shall be L1 & L2 and supervisor should be L3 trained & certified by Tata Power Skill Development Institute (TPSDI).</p>	<p>Safety evaluation requirement will be shared along with detailed RFQ documents.</p> <p>List of TPSDI trained workmen OR Undertaking for completion of training.</p>

4	Capability to Handle Job financially if awarded	Any bidder who has completed at least 1 Contract of Tata Power for Transmission Line Services >= INR 100 Lakh during last 5 Yrs, OR Bidder with Average Annual Turnover for last three years not be less than INR 300 Lakhs.	Profit and Loss Statements, Balance Sheet, for the Three (3) preceding financial years duly audited and approved by Authorised Audit Firm / CA.
5	Vendor to not have commercial liability including litigation liability and litigation history	Bidder to confirm that they (bidding company, their parent company or subsidiary company) were not involved in any litigation in last three years and also there are no pending or open litigations. In case there were litigations in last 3 years or any present litigation is going on than details of the same have to be submitted.	Affidavit indicating no litigation / blacklisting etc. In case of litigation / blacklisting the same to be annexed.

Package Name: Transmission Line services for LILO works of 400 kV Kharghar - Vikhroli Transmission Line at TPC Vikhroli RSS.

Package Ref No: CC27TP022

1) BOQ – Electrical Services

Sl. No.	Item Description (Electrical Services)	Unit	Qty.
1	Supply of bolts & nuts including step bolts and spring washers - NORMAL AREA		
1.1	Hexagonal Bolts and Nuts including step bolts, Pack Washers for Stubs, Towers	MT	5.61
1.2	Supply of Tower Earthing		
1.2.1	Supply of Earthing for Pile Foundations	EA	5.00
1.3	Tower Accessories		
1.3.1	Danger Plate	EA	6.00
1.3.2	Number Plate	EA	6.00
1.3.3	Phase Plate (Set of three)	SET	6.00
1.3.4	Circuit Plate (Set of two)	SET	6.00
1.3.5	Supply of Anti-Climbing Devices of Barbed Wire Type	SET	4.00
1.3.6	Bird Guard (Set of Six)	SET	4.00
1.3.7	Bird Diverter	Nos	50
1.3.8	Safety Ladder along with Clamps and Accessories	M	500
1.4	Supply of Line Hardware Fittings, Conductor & Earthwire Accessories		
1.4.1	Hardware Fittings for Twin Hamburg Conductor - Single I Suspension String Pilot	SET	40.00
1.4.2	Hardware Fittings for Twin Hamburg Conductor - Double Tension String	SET	130.00
1.4.3	Mid Span Compression Joint - Conductor	EA	20.00
1.4.4	Repair Sleeve - Conductor	EA	20.00
1.4.5	Twin Spacer Damper (Bolted Type) - Conductor	EA	80.00
1.4.6	Twin Rigid Spacer - Conductor	EA	120.00
1.5	Supply of Composite Long Rod Insulators		
1.5.1	Composite long rod Insulators for 400kV Transmission Line	EA	160.00
1.6.2	Composite long rod Insulators for 400kV Transmission Line	EA	20.00

Package Name: Transmission Line services for LILO works of 400 kV Kharghar - Vikhroli Transmission Line at TPC Vikhroli RSS.

Package Ref No: CC27TP022

1) BOQ – Civil Services

Sl. No.	Item Description (BOQ - Civil services)	Unit	Qty.
1	Survey		
1.1	Route Alignment	KM	1
1.2	Detailed Survey	KM	1
1.3	Check survey	KM	1
2	Installation of Earthing		
2.1	Installation of Earthing for Pile Fdns and Measurement of Tower footing resistance and submission of report	EA	5
3	Installation of Tower Accessories		
3.1	Danger Plate	EA	6
3.2	Number Plate	EA	6
3.3	Phase Plate (Set of three)	SET	6
3.4	Circuit Plate (Set of two)	SET	6
3.5	Anti-Climbing Devices	EA	4
3.6	Bird Guard (Set of Six)	SET	4
4.0	Stub Installation		
5.1	Installation of Stub including bolts and nuts	MT	6.30
6.0	Work Associated with Tower Erection		
6.1	Erection of various type of towers, tower parts and tower extensions (complete) with bolts and nuts, including tack welding and supply and application of zinc rich primer and two coats of enamel paint		
6.1.1	Towers -	MT	200.00
7	400 kV AC D/C with Twin bundle conductor/ installation of insulator strings complete with arcing horns and necessary hardware, installing and stringing of conductor including fixing of conductor accessories, installing and stringing of earthwire/OPGW including fixing of earthwire/OPGW accessories for the line -	KM	1
8	Installation of insulator strings complete with arcing horns and necessary hardware, installation and stringing of conductor including fixing of conductor accessories, installation and stringing of earthwire/OPGW including fixing of earthwire/OPGW accessories for powerline crossing location under live line condition.	EA	1
9	Painting of Normal Towers	EA	4

10.00	<p>Mobilization including all other allied equipment including all type of craft platform for positioning of rigs, required assistance vessel(s) etc. Transporting of all necessary plant, boring rigs, RMC of required grade, Concrete pumps and transit mixers with adequate stand by, including erecting and commissioning of all equipment's and plants, mobilising material to be supplied by the CONTRACTOR, and mobilising experienced personnel to handle the plant and demobilisation of same on completion and removal from site and machinery for installing working piles for the project. Payment will be done 50% on mobilization and balance 50% will be on de-mobilization. (CONTRACTOR to mobilise sufficient equipment to the site in order to complete the work within the stipulated time-frame.) (With Conventional Rig).</p>	AU	1
11	<p>Dismantling and disposal of reinforced cement concrete including reinforcement at all levels as directed by the Engineer-in-Charge with all leads and lifts, etc. complete in all aspects as described and as directed by the Engineer-in-Charge. The rate quoted shall be inclusive of factors like Statutory Authority disposal, Royalty & Collector's permission, stacking, spreading and backfilling, etc. (Bidder to take permission from Collector/Statutory Authority /concern authorities for the dumping place in consultation with the Municipal and/or other Local Authorities & Debris Management Cell. Bidder should ensure that this disposal cause no nuisance to the residents of town. Disposal is at the risk and cost of the Bidder.)</p>	Cum	2
12	<p>Dismantling and disposal of structural steel, listing the scrap material and returning the structural steel to Owner's store as directed by the Engineer-in-Charge with all leads and lifts, etc. complete in all aspects as described and as directed by the Engineer-in-Charge. The rate quoted shall be inclusive of factors like Statutory Authority disposal, Royalty & Collector's permission, stacking, etc. (Bidder to take permission from Collector/Statutory Authority or any other authorities beyond Statutory Authority limit for the dumping place in consultation with the Municipal and/or other Local Authorities & Debris Management Cell. Bidder should ensure that this disposal cause no nuisance to the residents of town. Disposal is at the risk and cost of the Bidder.)</p>	MT	2
	PILING WORK		
13.00	<p>Conducting accurate survey to locate all the working piles in the correct location and setting up of Conventional Rig at the location of the piles along with all the accessories.</p>		
(i)	1000mm dia piles	Nos.	48

14.00	Boring/drilling through all kinds of soil including hard murum/ weathered rock with gravel and rock fragments including pockets of boulders using permanent liners to prevent side collapse, for depth up to 15 M from the existing ground level and flushing the bore hole prior to concrete filling and all connected works. Rate quoted to include for carting away bored spoils to an area, as directed by the Engineer, outside the OWNER's premises inclusive of obtaining the approval from statutory authority and all related payments. Payment for permanent liners will be done separately under. 1000mm dia piles	RM	600
15.00	Boring/drilling through all kinds of soil including hard murum/ weathered rock with gravel and rock fragments including pockets of boulders , using permanent liners to prevent side collapse, for depth beyond 15 M from the existing ground level and flushing the bore hole with pneumatic prior to concrete filling and all connected works. Rate quoted to include for carting away bored spoils to an area, as directed by the Engineer, outside the OWNER's premises inclusive of obtaining the approval from statutory authority and all related payments. Payment for permanent liners will be done separately under.		
(i)	1000mm dia piles	RM	145
16.00	Boring/drilling through all kinds of Weathered/Hard Rock for socketing , using permanent liners to prevent side collapse, for all depths from the existing ground level and flushing the bore hole prior to concrete filling and all connected works. Rate quoted to include for carting away bored spoils to an area, as directed by the Engineer, outside the OWNER's premises inclusive of obtaining the approval from statutory authority and all related payments. Payment for permanent liners will be done separately under.		
	1000mm dia piles	RM	120.00
17.00	Forming concrete shaft of the pile from the termination level upto existing grade level, using concrete grade M30 and 20 mm downgraded coarse aggregates, with minimum cement content of 400 kg of cement per cubic meter of concrete with water cement ratio limited to 0.45, and adding plasticizing admixture of approved brand to proportion recommended by the manufacturers to ensure proper flow of concrete and concreting through tremie pipes and all connected works.		
(i)	1200mm dia piles	RM	865.00
18.00	Supplying, Providing and placing in position reinforced cement concrete of grade M 30 as per IS 456 with 20mm down graded aggregate, limiting W.C ratio to 0.45, for works below grade levels including vibrating, curing, de-watering wherever necessary, providing construction joints, leaving cut outs / pockets, placing of inserts/ embedment's, etc., complete, including cost of providing, fixing and removing form work for all shapes (including scaffolding, centering, etc) but excluding cost of providing reinforcement all as per specifications and as directed by the ENGINEER.		
(i)	Pile cap	Cum	350.00

(ii)	Pedestals/columns/pile cap	Cum	170.00
(iii)	Grade beams/tie beams	Cum	105.00
19.00	Supplying, Providing and placing in position reinforced cement concrete of grade M 30 as per IS 456 with 20mm down graded aggregate, limiting W.C ratio to 0.45, for works below grade levels including vibrating, curing, de-watering wherever necessary, providing construction joints, leaving cut outs / pockets, placing of inserts/ embedment's, etc., complete, including cost of providing, fixing and removing form work for all shapes (including scaffolding, centering, etc) but excluding cost of providing reinforcement all as per specifications and as directed by the ENGINEER.		
(i)	1000mm dia piles	Cum	50
20.00	Supply, fabricating, cleaning, cutting, bending, lapping, binding with 16 SWG annealed soft iron wire or tack welding, hoisting, placing in position irrespective of locations & levels all as per drawings including handling, loading and unloading at site and various locations and transporting from stores as directed by Engineer for all types of RCC work for HYSD bars of all diameter (TISCON-CRS make). For HYSD CRS bars conforming to grade Fe 500 D of IS 1786. Material to be procured form approved Manufacturer	MT	175
21.00	Providing all materials, tools, equipment's, manpower, fabrication, cleaning, cutting, bending, welding of 6 mm thk MS liner conforming to IS:816-1969 and IS:9595-1980, lowering, placing and maintaining it in position for pile having diameter of (This item is optional and will be operated at the discretion of owner, where liner is not required Direct Mud Circulation should be adopted.)		
(i)	1000mm dia piles	MT	75
22.00	Conducting standard penetration tests in rock, during boring for initial test piles and the specified working piles, all as specified in Data Sheet A at every half meter interval and recording accurately the penetration corresponding to 100 blows at each test elevation.	No.	145
23.00	Conducting low strain pile integrity test on all the working piles through a reputed specialised agency and submitting report on testing in their standard format. Test to be carried out at the pile cut off level. Item includes the necessary excavation and all other arrangement required for successful completion of the test.		
(i)	1000mm dia piles	No.	48
STRUCTURAL STEEL AND ALLIED WORKS			
MISCELANEOUS WORKS			
24.00	Providing, Supplying, Detailing, fabricating, transporting to site of erection, bolting of structural steel for stub with high garde steel of Fe 340 conforming IS 2062 including hot dip galvanised (Minimum coating shall be 610 gms. Per sq.m) mild steel bent to shape/size as indicated on drawings and as directed by the ENGINEER. Rate shall include Transporting the Template to Tata Power stores after completion of all works.	MT	24.0

25.00	Providing all tools, equipment and manpower for shifting and transportation of stub angles and erecting them in position for base setting using template to correct dimensions and level as per the approved drawing. (Item includes shifting, erecting and dismantling of template after concreting from one location to other.)		
(i)	1200mm dia piles	No.	3
26.00	Supplying and fixing anchor fasteners HST-R of HILTI make in RC beams, columns and slabs including scaffolding, drilling holes etc. Complete as per manufacturer's specification and as directed by the Engineer. 16 mm dia.	No	20
27.00	Providing, Supplying and fixing Safe Fall ladders of length of 5 m including scaffolding, drilling holes etc. Complete as per manufacturer's specification and as directed by the Engineer.	No	3
28.00	Providing motorable approach road (In forest / Mangroves area) for accessing the Piling locations including forming base at Piling locations as per Statutory Approval including providing necessary Geo Membrane (200 microns) as per specification / approval complete. Construction debris shall be used as filling material. The entire filling shall be removed and disposed to approved dumping yard as per the permissions granted. Permission for obtaining filling material and disposal of the same shall be obtained by Vendor. #Mode of Measurement: Levels shall be take before and after removal of Approach road. Quantity shall be calculated based on difference of level and shall be paid off. For RA bills purpose after completion of approach road (Truck Measurement minus 30% voids shall be recorded and paid for. The same shall be deducted from final Quantity.) Payment for the Approach Road shall be made in two parts 30% after completion of filling and making approach road and balance 70% after removal of complete filling and disposing the same in authorized dumping ground For 480 m of road length	Cum	300

29.00	Providing motorable approach road (Non Forest/ salt pan and other areas) for accessing the Piling locations including forming base at Piling locations as per Statutory Approval including providing necessary Geo Membrane (200 microns) as per specification / approval complete. Construction debris shall be used as filling material. The entire filling shall be removed and disposed to approved dumping yard as per the permissions granted. Permission for obtaining filling material and disposal of the same shall be obtained by Vendor. #Mode of Measurement: Levels shall be take before and after removal of Approach road. Quantity shall be calculated based on difference of level and shall be paid off. For RA bills purpose after completion of approach road (Truck Measurement minus 30% voids shall be recorded and paid for. The same shall be deducted from final Quantity.) Payment for the Approach road shall be made in two parts 30% after completion of filling and making approach road and balance 70% after removal of complete filling and disposing the same in authorized dumping ground For 480 m of road length	Cum	2000
30.00	Providing services for backfilling in layers of 230 mm. Consolidated to 150mm. Watering, compacting with tamping /hand rammer with local earth available at site	Cum	100
31.00	Hiring of JCB with fuel , operator and carrying out work as directed for 8 hours shift	SFT	5
32.00	CISE,Providing services for operating Excavator (Ex-200) Pocklain or equivalent with operator fuels consumable etc complete. The rates quoted shall include necessary mobilisation and demobilisation charges. Operator shall have valid license. The excavator shall comply to all necessary statutory and safety requirements. Rates shall be quoted for 8 Hrs Shift. Payment shall be made for working time only.	SFT	5
33.00	Providing and applying 2 coats for Bitumen Epoxy paint of approved make (Berger / Asian) as per manufacturers specification to achieve DFT 60-80 Microns on concrete and steel surface of tower foundations . The rates coated shall include all necessary consumable, tools, tackles and arrangements for applying the exposed surface of tower foundations onshore and offshore.	Sqm	2025
34	Signature Analysis test of Transmission ine	LS	1