

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 electrical 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*
CC25AA056	Services for Construction of Tower Foundations (Pile Foundation) for 220 kV Kalwa Kalyan Line project in Mumbai.	4,00,000 /-	2,000/-	1500 Hrs. Monday, 18 August 2025

*** 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 anubhav.anand@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 / addendum'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.

Section C: Additional technical details: (Please refer the following pages for details).

Pre-Qualification Requirement (PQR)

Sr No	Parameter	Tata Power Requirement	Documents to be submitted by vendor to ascertain meeting of Pre-Qualification Requirement
1	2	3	4
(A)	Experience	<p>1) Bidder along with selected sub vendors should have minimum 05 years' experience in pile foundations for transmission tower works. Selected sub vendors (if any) will be subject to approval of Tata Power.</p> <p>2) Bidder must have experience of successfully completing a minimum of following civil works during the past 5 years as on the date of bid opening.</p> <ul style="list-style-type: none"> • 500 M3 work of excavation. • 500 M3 of concrete. • 50 Nos. of Pile of dia 1000 mm to 1200mm. 	<p>Bidder to submit credentials (PO Copies / Performance Certificates etc) for supporting the noted criteria.</p> <p>Owner has the right to reject the bid in case it is observed that the Bidder does not meet the relevant experience for the subject works</p>
(B)	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>
(C)	Capability to Handle Job financially if awarded	<p>Average Annual Turnover of the bidder for last three years shall not be less than INR 750 Lakhs.</p>	<p>Profit and Loss Statements, Balance Sheet, for the Three (3) preceding financial years duly audited and approved by Authorised Audit Firm / CA.</p>

Note -

- 1) Tata Power reserves the right to review and approve / reject the Bidder based on Document Submission.
- 2) The Prequalification Criteria published along with the tender "In Section C.1 Pre Qualification Criteria" is the total & complete pre-qualification requirement for the tender and shall prevail over any other/additional pre-qualification requirement mentioned elsewhere in the tender.
- 3) In case the bidder has a previous association with any of the Tata Group companies for similar products and services, the performance feedback for that bidder by Tata Group companies shall only be considered for evaluation, irrespective of performance certificates issued by any third organization.
- 4) Apart from the above PQR bidder must also qualify in Safety evaluation. Details will be shared along with tender documents.

Bill Of Material (BOM)

Package Scope - Services for Construction of Tower Foundations (**Pile Foundation**) for 220 kV Kalwa Kalyan Line project in Mumbai.

Package Ref No - CC25AA056

Note – Detailed BOM in subsequent pages.

**"Package III : Civil work for Construction of Transmission Tower foundation (Pile) at MO region for Kalwa-Kalyan 220 kV line."
Locations 123, 123A, 143 to 147, 152, 153, 158, 199, 199A. (12 Locations).**

Sr. No	Service Code	Short Description	Description	Quantity	UOM	Rate(INR)	Amount(INR)
1	4305528	Conducting survey for piling	Conducting survey for piling Conducting accurate survey to locate all the working piles in the correct location inclusive of marking of 'X - Y' grid and center of existing tower, making concrete block as permanent marking and retaining them till tower erection or handing over for tower erection and setting up of Conventional/Rotary Rig/Excavator for excavation at the location of the piles/tower legs along with all the accessories.	12.00	No		
2	4078575	Trial Pit	CISE, Making trial pits 2 x 2 x 1.8m - CISE, Making trial pits 2 x 2 x 1.8m in depth below existing Ground Level before commencement of excavation including shoring, strutting, dewatering and all safety provisions, by providing adequate slopes using hard barricading as per OWNER#s standards including careful handling of underground utilities etc., and stacking the excavated earth within the Owner#s premises as directed by the Engineer-in-charge, all complete	16.00	M3		
3	4221869	Making motorable approach road in forest area	Providing motorable approach road (In forest / Mangrooves area) for accessing the Tower locations including forming base at Tower locations as per Statutory 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. The rates quoted shall include providing necessary cross drainage to maintain flow of water across the approach. 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 70% after completion of filling and making approach road and balance 30% after removal of complete filling and disposing the same in authorized dumping ground	8,400.00	M3		
4	4221870	Approach road in non forest area	Providing motorable approach road (Non Forest/ salt pan and other areas) for accessing the Tower locations including forming base at Tower locations as per Statutory 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. The rates quoted shall include providing necessary cross drainage to maintain flow of water across the approach. 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 70% after completion of filling and making approach road and balance 30% after removal of complete filling and disposing the same in authorized dumping ground.	840	M3		
5	4207287	Dismantling of RCC	Demolishing RCC Providing all necessary tools tackles services etc for demolishing all types of RCC structures at floor level manually or by means of chipper breaker (exclusive of air compressor breaker / JCB breaker / Poclairn breaker) including transportation of debris, cutting of reinforcement, disposing salable scrap material to the tata power stores etc. Complete as per the requirement of drawing and as directed by the site-engineer and disposing of the debris to the outside company premises etc complete	12	M3		
6	4207785	Dismantling of PCC	Breaking PCC Providing all necessary tools tackles services etc for demolishing PCC and disposing of the debris to the approved dumping ground of municipal corporation area etc complete as per specifications and as directed by the engineer., rate shall be inclusive of storing debris up to 200 m lead until taken for disposal	10	M3		
7	4080821	Excavation upto 1.50 m	Excavation 0-1.5 m disposal outside Excavation from 0 to 1.5 meter in all types of ordinary soils (natural / backfilled) including dewatering and depositing / stacking of all materials, removal of wild growth vegetation, backfilling with excavated earth in layers, well watered, compacted, transporting of surplus excavated material for backfilling or stacking or spreading or removal of surplus excavated earth material to authorized dumping sites outside owner#s premises.	454	M3		

Sr. No	Service Code	Short Description	Description	Quantity	UOM	Rate(INR)	Amount(INR)
8	4159995	Excavation from 1.51m to 3.0 m	EXCN,ORDINARY SOIL,1.51-3.0M, DISPL INSI Excavation in all type of ordinary earth, soft & decomposed rock which include rock/boulders/slag/slate/laterite, sand/gravel/clay/ murum, rubble of all kinds; including all safety provisions by providing shoring and strutting of all material(including design, supply of material, execution etc. completed. Tata Power shall review and approve the shoring scheme submitted by the contractor.), removal of vegetation, shrubs, etc., back-filling with excavated earth in layers, well watered, compacted, transporting of surplus excavated material for back-filling or stacking or spreading or removal of surplus excavated earth from 1.51 to 3.0 meters and unloading the excavated material within basic lead of 100 meter.	454	M3		
9	4221888	Pilling incl concrete 1000mm Dia(Conventional Rig)	Pilling incl concreting through all types of soil (with Conventional Rig) For Dia 1000mm. Mobilising, making trail pit of 1.5 m depth, including transportation of all necessary plant equipment including Dewatering pump of desire capacity, piling/boring rigs, material to be furnished by CONTRACTOR, experienced personnel to site of work, etc. complete for, setting of piling / boring equipment with all accessories and tools including necessary survey at each of the locations on land, based on the sequence of operation as directed by ENGINEER, irrespective of the location and of the distance involved in movement of the piling / boring equipment and forming piles by conventional boring rigs in all kinds of soils, by using guide casing of adequate length, using mud / bentonite circulation method as specified, all depths below ground from tip to cut off elevation of piles as shown and called for on the drawings or as instructed by the OWNER / ENGINEER, filling the bore with M30 grade concrete, using Portland Pozzolana cement conforming to BIS, with a minimum cement content of 400 Kg/cum of concrete, with necessary approved admixture and with water-cement ratio not exceeding 0.50 as specified, inclusive of concreting a minimum 700 mm above specified cut-off level with M-30 concrete, etc. complete. Cost of concrete in length above cut-off level is included in this item and shall not be paid separately. (Note : Boring through rock, pile cut off and reinforcement measured separately. Concrete for piles shall be of RMC from Batching plant set up outside the plant). Mode of Measurement for this item shall measured from cut-off level to start of Soft Rock / Hard Rock including concreting. The rates shall also include necessary area development for erecting piling rig as per site requirement (methodology to be submitted and approval from Tata Power to be obtained before execution)	336.00	M		
10	4221890	CISE,Pilling in Hard rock 1000 mm dia (Conventional Rig)	CISE,Pilling in Hard rock 1000 mm dia (Conventional Rig) CISE,Pilling incl.concreting boring through Hard rock (with Conventional Rig) For Dia 1000mm. Mobilising, making trail pit of 1.5 m depth, including transportation of all necessary plant equipment including Dewatering pump of desire capacity, piling/boring rigs, material to be furnished by CONTRACTOR, experienced personnel to site of work, etc. complete for, setting of piling / boring equipment with all accessories and tools including necessary survey at each of the locations on land, based on the sequence of operation as directed by ENGINEER, irrespective of the location and of the distance involved in movement of the piling / boring equipment and forming piles by conventional boring rigs in all kinds of soils, by using guide casing of adequate length, using mud / bentonite circulation method as specified, all depths below ground from tip to cut off elevation of piles as shown and called for on the drawings or as instructed by the OWNER / ENGINEER, filling the bore with M30 grade concrete, using Portland Pozzolana cement conforming to IS:1489 with calcined clay as Pozzolana of specified make, with a minimum cement content of 400 Kg/cum of concrete, with necessary approved admixture and with water-cement ratio including the water cement ratio, not exceeding 0.50 as specified, inclusive of concreting a minimum 700 mm above specified cut-off level with M-30 concrete, etc. complete. (Note : Boring through rock, pile cut off and reinforcement measured separately. Concrete for piles shall be of RMC from Batching plant set up outside the plant). but for boring through hard rock with N value above 400 for socketing of piles measured from where such socketing commences. (Socketing shall start when N value of >400 is encountered. Rate for boring in rock shall include cost of conducting Chisel Energy). For 1000mm dia., Mode of Measurement for this item shall measured from start of Hard Rock to Pile Terminations Level including concreting.	92.00	M		

Sr. No	Service Code	Short Description	Description	Quantity	UOM	Rate(INR)	Amount(INR)
11	422894	Pile boring 1200mm Dia(Conventional Rig)	<p>Pilling incl concrete 1200mm Dia(Conventional Rig)</p> <p>Piling incl. concreting through all types of soil (with Conventional Rig) For Dia 1200mm.</p> <p>Mobilising, making trail pit of 1.5 m depth, including transportation of all necessary plant equipment including Dewatering pump of desire capacity, piling/boring rigs, material to be furnished by CONTRACTOR, experienced personnel to site of work, etc. complete for, setting of piling / boring equipment with all accessories and tools including necessary survey at each of the locations on land, based on the sequence of operation as directed by ENGINEER, irrespective of the location and of the distance involved in movement of the piling / boring equipment and forming piles by conventional boring rigs in all kinds of soils, by using guide casing of adequate length, using mud / bentonite circulation method as specified, all depths below ground from tip to cut off elevation of piles as shown and called for on the drawings or as instructed by the OWNER / ENGINEER, filling the bore with M30 grade concrete, using Portland Pozzolana cement conforming to BIS, with a minimum cement content of 400 Kg/cum of concrete, with necessary approved admixture and with water-cement ratio not exceeding 0.50 as specified, inclusive of concreting a minimum 700 mm above specified cut-off level with M-30 concrete, etc. complete. Cost of concrete in length above cut-off level is included in this item and shall not be paid separately.</p> <p>(Note : Boring through rock, pile cut off and reinforcement measured separately. Concrete for piles shall be of RMC from Batching plant set up outside the plant). Mode of Measurement for this item shall measured from cut-off level to start of Soft Rock / Hard Rock including concreting. The rates shall also include necessary area development for erecting piling rig as per site requirement (methodology to be submitted and approval from Tata Power to be obtained before execution)</p>	192.00	M		
12	4221896	CISE,Pile boring in rock 1200mm dia (Conventional Rig)	<p>CISE,Pilling in Hard rock 1200 mm dia (Conventional Rig)</p> <p>CISE,Piling incl.concreting boring through Hard rock (with Conventional Rig) For Dia 1200mm.</p> <p>Mobilising, making trail pit of 1.5 m depth, including transportation of all necessary plant equipment including Dewatering pump of desire capacity, piling/boring rigs, material to be furnished by CONTRACTOR, experienced personnel to site of work, etc. complete for, setting of piling / boring equipment with all accessories and tools including necessary survey at each of the locations on land, based on the sequence of operation as directed by ENGINEER, irrespective of the location and of the distance involved in movement of the piling / boring equipment and forming piles by conventional boring rigs in all kinds of soils, by using guide casing of adequate length, using mud / bentonite circulation method as specified, all depths below ground from tip to cut off elevation of piles as shown and called for on the drawings or as instructed by the OWNER / ENGINEER, filling the bore with M30 grade concrete, using Portland Pozzolana cement conforming to IS:1489 with calcined clay as Pozzolana of specified make, with a minimum cement content of 400 Kg/cum of concrete, with necessary approved admixture and with water-cement ratio including the water cement ratio, not exceeding 0.50 as specified, inclusive of concreting a minimum 700 mm above specified cut-off level with M-30 concrete, etc. complete.</p> <p>(Note : Boring through rock, pile cut off and reinforcement measured separately. Concrete for piles shall be of RMC from Batching plant set up outside the plant). but for boring through hard rock with N value above 400 for socketing of piles measured from where such socketing commences. (Socketing shall start when N value of >400 is encountered. Rate for boring in rock shall include cost of conducting Chisel Energy). For 1200mm dia., Mode of Measurement for this item shall measured from start of Hard Rock to Pile Terminations Level including concreting.</p>	63.00	M		
13	4221904	Providing laying MS liner of 6mm thk	<p>Providing laying MS liner of 6mm thk</p> <p>Providing all materials, tools, equipment, manpower, fabrication, cleaning, cutting, bending, welding of 6mm thk MS liner conforming to IS:816-1969 and IS:9595-1980, lowering by manual or mechanical means, placing and maintaining it in position for pile (This item is optional and will be operated at the discretion of Tata Power, where liner is not required Direct Mud Circulation should be adopted). Material to be supplied by contractor. All Material shall be procured from Prime Manufacturer.</p>	93.00	M		
14	4151285	Prov & Placing Reinf for Pile	<p>Prov & Placing Reinf for Pile</p> <p>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 of IS 1786 . Material to be procured form approved Manufacturer</p>	216.00	MT		
15	4197053	P & F Reinforcement Steel	<p>Supply, Cleaning, cutting, bending, as per drawings and placing in position High yield strength deformed reinforcement bars conforming to IS: 1786 at all locations and levels including binding with soft annealed 18G black wire, etc. Complete as shown on drawings and as directed by the Engineer (No payment will be made for staper bar, layer pin, chair, tie rods and other supports, binding wires, laps) For HYSD bars conforming to grade Fe 500D of IS 1786</p>	60.00	MT		

Sr. No	Service Code	Short Description	Description	Quantity	UOM	Rate(INR)	Amount(INR)
16	4135175	M30 for column 1000 mm dia	Providing and laying Ready Mix Concrete of grade M30 with 30 mm downgraded aggregate and w/c 0.5 max including providing shuttering (steel plate), curing as per approved drawing at all heights in circular pedestals/ columns above pile cut-off level as directed, but excluding reinforcement for pile having diameter of 1000 mm dia.	140.00	M3		
17	4135176	M30 for beams	Providing and laying Ready Mix Concrete of grade M30 with 30 mm downgraded aggregate and w/c 0.5 max including providing shuttering (steel plate), curing as per approved drawing at all heights for beams.	266.00	M3		
18	4080844	PRVD&LAYING,PCC,M15,MIXER MACHINE MIX	PRVD&LAYING,PCC,M15,MIXER MACHINE MIX Providing and laying Ready Mix Concrete of M15 Grade using 20 mm downgraded aggregates bellow ground for for blinding layer under R.C. foundation and bedding, bottom of pits, sumps, chambers, trenches, anchor blocks, rubble masonry and brick walls etc. as per drawing or as directed by the Engineer-in-Charge including vibrating, compacting, curing, shuttering if required, etc. complete.	25.00	M3		
19	4221878	Shifting of temp_Store to Site	Shifting of temp_Store to Site Providing all tools, equipment, and manpower and transporting of templates & its component from transmission store and returning the template back in good condition after completion of work to the store including octroi. Vendor to check and assemble the template at Store / Division before transporting.	4.00	EA		
20	4094415	CISE,Providing services for Fixing of st	CISE,Providing services for Fixing of st Fixing of stub angle Providing all services tools and tackles for assembling , fixing and erecting in position Templets and Assembling & Fixing of Stub angle in the column as per drawing	12.00	AU		
21	4094399	Fab & Fixing Galvanized steel Ru	Supply, Fab, and erection in position G I rungs Fabricating, Erecting and fixing in position rungs made of galvanised (80 microns DFT) structural steel / Mild Steel round bars as per drawings and as approved by Engineer-In-Charge. Rate shall be inclusive of providing steel from Prime Manufacturer.	6,000.00	KG		
22	4080975	PRVD&FIX,ANCHR FSTNR,16MM,100MM,HILTI	PRVD&FIX,ANCHR FSTNR,16MM,100MM,HILTI SERVICE TYPE: PROVIDING AND FIXING OF ANCHOR FASTENER, DIAMETER: UPTO 16 MM, LENGTH: 100 MM, INCLUDING DRILLING THE HOLE, MAKE: HILTI	200.00	NO		
23	4135363	P/S GI complete chainlink fencing	P/F/E MS - Chainlink Providing and erecting Chain link fencing at specified locations in the plot of 2.4 meter height with galvanized iron, chain link of size 50mm x 50mm, 8 gauge thick and fixed 75 mm above ground level and vertical mild steel angles of 65 x 65 x 6 mm size embedded in cement concrete block of M15 mix of size 45 x 45 x 60 cm at 2.4 m centre to centre with iron bar of 16mm dia. as hold-fast including welding link with angle frame with 30 cm centre to centre, with pit excavation 45 x 45x 60 cm, nuts and bolts and horizontal mild steel angles at top and bottom of 25 x 25 x 5 mm size vertical mild steel flat 35 x 5 mm and 25 x 5 mm horizontal including cross support of 40 x 40 x 6 mm angles both sides at interval of 7.5m & at every corner or bend embedded in concrete blocks of M15 mix of size 45 x 45 x 60 cm including three coats of oil paint, etc. complete.	346.00	M2		
24	4207656	P/A Synthetic Enamel Paint	P/A Synthetic Enamel Paint Providing and applying two coats of synthetic enamel paint of approved make over one coat of primer on structural steel including scaffolding at all height, providing all material for process	200.00	M2		
25	4197040	Bitumin Epoxy	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 including scaffolding all necessary consumable, tools, tackles and arrangements for applying the exposed surface of tower foundations onshore and offshore.	600.00	M2		
26	4197033	Pile integrity test	Pile integrity test 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.	48.00	No		
Sub-total							-
GST @ 18%							-
Total (including GST)							-

