

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*
CC25AA054	Services for Construction of Tower Foundations (Raft Foundation) for 220 kV Kalwa Kalyan Line project in Mumbai.	3,00,000 /-	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 open foundation 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"> • 1500 M3 work of excavation. • 500 M3 of concrete. 	Bidder to submit credentials (PO Copies / Performance Certificates etc) for supporting the noted criteria. 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
(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	Average Annual Turnover of the bidder for last three years shall not be less than INR 600 Lakhs.	Profit and Loss Statements, Balance Sheet, for the Three (3) preceding financial years duly audited and approved by Authorised Audit Firm / CA.

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 Qualificaiton 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 (**Raft Foundation**) for 220 kV Kalwa Kalyan Line project in Mumbai.

Package Ref No - CC25AA054

Note – Detailed BOM in subsequent pages.

**"Package I : Civil work for Construction of Transmission Tower foundation at MO region for Kalwa-Kalyan 220 kV line.
Location Mumbra Hill- Tower No. 130 to 134" (5 towers)**

Sr. No	Service Code		Description	Quantity	Unit	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.	5.00	No		
2	4078575	Trial Pit work	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	36.00	M3		
3	4080821	Excavation upto 1.5 m depth	EXCAVN-UPTO 1.5 M, DISPOSAL INSIDE SERVICE TYPE: EXCAVATION OF ORDINARY SOIL, INCLUDING DEWATERING AND DEPOSITING/STACKING OF ALL MATERIAL, REMOVAL OF VEGETATION BACKFILLING WITH EXCAVATED EARTH IN LAYER WELL WATERED COMPACTED TRANSPORTING OF SURPLUS EXCAVATED MATERIAL FOR BACKFILLING OR STACKING OR SPREADING OR REMOVAL OF SURPLUS EXCAVATED EARTH FROM 00 TO 1.5 M DEEP WITHIN BASIC LEAD OF 100 M, RATE DOES NOT INCLUDE PAYMENT AGAINST ROYALTY AND DEBRIS MANAGEMENT CELL CHARGES	1,053.00	M3		
4	4159995	Excavation from 1.51 m to 3.00 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.	1,053.00	M3		
5	4159996	Excavation from 3.01 to 4.00 m	Exca incl.dewtr from 3.01-4.5m,displ ins" 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 3.01 to 4.5 meters and unloading the excavated material within basic lead of 100 meter."	421.00	M3		
6	4093411	Excavation in rock	CISE,Excavation in Hard Rocks including CISE,Excavation in Hard Rocks including disposal of excavated earth inside the plot boundaries with levelling of land as per instruction of engineer in charge	632.00	M3		
7	4080828	Rubble soling	PRVD&LAYING,DRY RUBBLE SOLING Providing & laying dry rubble stone soling with maximum 230mm size hard stone set in regular lines, hand packed and interstices thoroughly filled with small chips including filling in with good quality murum/ metal stone and compacted with mechanical earth compactor and spreading 12mm thick layer of grit on top, etc. complete in all aspects as directed by the Engineer-in-Charge.	158.00	M3		

8	4197053	P & F Reinforcement Steel	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	134.00	MT		
9	4305915	PCC M15	PRVD&LAYING,PCC,M15,MANUAL MIX - Providing and laying Manual 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.	53.00	M3		
10	4305914	RCC M 25 for Raft	PRVD,RCC,M-25 W/DOWN AGGREGATE,20MM -Raft Providing and placing in position Manual Mix Concrete of M25 grade for all shapes, at all levels above or below ground including admixtures if any, centring, shuttering, scaffolding, vibrating, compacting, curing, dewatering, levelling, cut-outs, openings, finishing, removal of formwork, Filling of all tie rod holes with rich mortar 1:1 etc. complete, for all lead and lifts, to obtain class F1 finish with leak proof concrete as per specifications/drawings and as directed by the Engineer-in-Charge for the following items. Note: Contractor should certified scaffold from competent third party agency before start the work)	599.00	M3		
11	4305913	RCC M25 for columns	PVRD,RCC of M25 grade in RCC columns- Providing and placing in position Manual Mix Concrete of M25 grade for all shapes, at all levels above or below ground including admixtures if any, centering, shuttering, scaffolding, vibrating, compacting, curing, dewatering, levelling, cutouts, openings, finishing, removal of formwork, etc. complete, for all lead and lifts, to obtain class F1 finish with leak proof concrete as per specifications/drawings and as directed by the Engineer- in-Charge for the following items (excluding reinforcement and structural steel): (ii)RCC columns, pedestals, brackets, walls	168.00	M3		
12	4305911	RCC M25 for beams	PVRD,RCC of M25 grade in RCC beams- Providing and placing in position Manual Mix Concrete of M25 grade for all shapes, at all levels above or below ground including admixtures if any, centering, shuttering, scaffolding, vibrating, compacting, curing, dewatering, levelling, cutouts, openings, finishing, removal of formwork, etc. complete, for all lead and lifts, to obtain class F1 finish with leak proof concrete as per specifications/drawings and as directed by the Engineer- in-Charge for the following items (excluding reinforcement and structural steel): (ii)RCC brackets, walls	80.00	M3		
13	4207285	Breaking 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	10.00	M3		
14	4207287	Demolishing 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 / Poclain 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	12.00	M3		

15	4259990	Dismantling structural steel	<p>Dismantling structural steel Providing all necessary tools tackles & services for dismantling structural steel sections i.e. Angles / channels / beams / plates etc (not inclusive of ferrana / crane), 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>	15.00	MT		
16	4221878	Shifting of template	<p>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.</p>	1.00	EA		
17	4094415	Shifting and fixing of stub angle	<p>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</p>	5.00	AU		
18	4094399	P/F GI rungs	<p>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.</p>	3,000.00	KG		
19	4080975	16 mm Hilti anchor fasteners	<p>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</p>	78.00	NO		
20	4197040	Bitumin Epoxy	<p>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.</p>	1,700.00	M2		
21	4165300	DRILL HOLE IN ROCK/CONCRETE, 50 DIA	<p>Providing all necessary equipment for drilling 50 mm dia. holes in rock for anchoring 32 mm dia dowels/anchor bars including cutting/ bending and fixing rock dowels/anchor bars in position. Rate shall include the cost of cleaning the bore after completion of drilling operation, lowering of anchor bars & pressure grouting using non-shrink grout Conbextra GP-II complete as per specifications. Note: Length of drilling shall be measured and paid for. Reinforcement bar will be paid seperately in item for Reinforcement</p>	640.00	M		
22	4207328	Plum concrete	<p>Prov. & laying plum concrete M - 15 Providing and placing in position plum concrete of required thickness, at all depths with 33% boulders of size 150mm to 230mm and 67% ready mix concrete of M15 grade including shuttering, vibrating, compacting, curing, dewatering, levelling, finishing, removal of formwork, etc. Complete as per specifications/drawings and as directed by the engineer-in-charge.</p>	50.00	M3		
23	4207329	230 mm thick brick masonry	<p>Prvov. & const. Brick masonry 230mm Providing all material and constructing brick masonry 230mm. Thick and above in cement mortar (1:5) using approved quality class 35 conforming to IS 1077 : 1992 table molded bricks, including scaffolding, curing, raking joints, etc. Complete as per specifications & drawings at all levels & locations.</p>	10.00	M3		
24	4207330	115 mm thk brick masonry	<p>Prov. & const Brick Masonry 115mm Providing all material and constructing brick masonry 115mm. Thick and above in cement mortar (1:5) using approved quality class 35 conforming to IS 1077 : 1992 table molded bricks, including scaffolding, curing, raking joints, etc. Complete as per specifications & drawings at all levels & locations.</p>	10.00	M2		

25	4207337	12 mm plaster	P/A Internal plaster 12 mm Providing 12mm. Thick smooth finished cement plaster in cement mortar (1:3) for RCC, brick work, sides and undersides of the slabs, canopies, chajjas with drip molding etc. Including scaffolding, curing, etc. Complete as per specifications.	10.00	M2		
26	4128187	20 mm plaster	P/A external plaster 20mm Providing 20 mm thick plain faced external plastering in two layers, first layer of 14 mm in cement mortar 1:5 and second layer of 6 mm in cement mortar 1:4 mixed with approved water proofing compound (Cement to be used shall be 8 kg/square meter of plastered surface) on the surface of wall exposed to atmosphere at all levels as required, curing, etc, complete	10.00	M2		
27	4259987	Fabrication of structural steel\	Prov./ Supply /Fab structural steel Providing & fabricating & erecting all types of structural steel, work at all height incl. scaffolding, welding & gas cutting, drilling of hole, with own welding set, gas cutting set, gas, approved quality of welding electrode, drill machine, required for carrying out work, the rate shall include supply & fixing of mild steel bolt, nut, washer & applying one coat of primer & 2 coats of approved synthetic enamel paint to all the exposed surfaces of steel(excluding chequered plate)	1.00	MT		
	4207382	Fencing Gate	P/F/E MS Gate - Chainlink Providing & fabrication of MS gate in single / double leaf with ISA 65 x 65 x 6 mm angle frame, both side MS flat of 10 mm x 6 mm to hold chainlink, 9 gauge chainlink within frame and painted by 2 coats of synthetic enamel preceded by red oxide primer, including hinges, MS aldrop, welding, gas cutting, shifting with 200 meter lead	15.00	M2		
	4207420	Chainlink Fencing	P/S GI chainlink fencing- 8 gauge Providing & stretching GI chain link fencing of 8 gauge at all height, rate shall be inclusive of man, material, split pin, making hole in angle to receive pin, scaffolding up to 4 meter, including one coat of zinc primer and followed by two coats of synthetic enamel paint	300.00	M2		
	4207422	Barbed wire	Providing & fixing barbed wire Providing & stretching IOWA type GI barbed wire conforming to IS 278: 2009 with 14 SWG x 14 SWG (main wire & barb wire) with spacing of barb at max. 5 inch c/c at required line & level including man, material & transportation	900.00	M		
	4207423	Concertina coil	P/stretch concertina coil 610mm dia Providing Services for stretching concertina coil at all height, rate shall be inclusive of man, scaffolding up to 2 m, split pin of 16 gauge, shifting chain link within 200 m lead and stretching tools so as to complete the job	150.00	M		
28	4207652	White wash	Providing & Carrying Out White Wash Providing & carrying out Whitewash by cleaning the surface by using brush, making it free from any loose or foreign material, dirt, oil, grease etc., preparing white wash water with mixing 1kg class D lime with 6 litres of water, leaving it for 2 days for uniform thin cream, mixing glue 100 gm per 6l of whitewash water, then applying it in two coats to achieve uniformity in white wash.	100.00	M2		
29	4207656	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	100.00	M2		
Sub-Total							-
GST @ 18%							-
Total (Including GST)							-

Services for site enabling work.

Sr. No	Service Code		Description	Quantity	Unit	Rate (INR)	Amount (INR)
1	4307225		Site enabling work for tower locations in mountain terrain 130 to 134. Provision of necessary services to facilitate the execution of civil foundation works for	1	AU		
2		Shifting of cement bags	Providing services for shifting of Cement bags from hill bottom to designated tower location from 130 to 134 on hill by means of engaging work force or any other mechanical method (approval from tatapower to be sought) and stacking on platform in temporary shed at top and bottom of hill, carrying away empty cement bags and dismantling of temporary shed after completion of work, restoring temporary shed location, managing availability of required material as per requirement etc. complete as directed by EIC.	8,000	NO		
3		Shifting of reinforcement steel	Providing services for shifting of reinforcement steel in cut length or full length of variable diameter for concrete and other miscellaneous civil work from hill bottom to designated tower location from 130 to 134 on hill by means of engaging work force or any other mechanical method (approval from tatapower to be sought) and stacking it at desired location over wooden battens, with surround area barricaded, carrying away scrap steel after completion of work and site cleaning and managing availability of required material as per requirement etc. complete as directed by EIC.	135.00	MT		
4		Shifting of civil equipments	Providing services for shifting of miscellaneous civil equipments for construction work such as shuttering material, wheel barrows, concrete mixer, admixtures, paints, nails, binding wires, bricks, templates, stubs etc to complete work as and when required from hill bottom to designated tower location from 130 to 134 on hill by means of engaging work force or any other mechanical method (approval from tatapower to be sought) and stacking it at desired location and site cleaning etc. after completion of work complete as directed by EIC.	1.00	AU		
5		Shifting of sand	Providing services for shifting of sand for concrete and other miscellaneous civil work from hill bottom to designated tower location from 130 to 134 on hill by means of engaging work force or any other mechanical method (approval from tatapower to be sought) and stacking it at desired locations at top and bottom of hill over PVC sheet or tarpaulin, surrounded by filled sand bags to avoid spreading of sand in forest area, carrying away empty bags after completion of work and site cleaning, managing availability of required material as per requirement etc. complete as directed by EIC.	600.00	M3		
6		Shifting of aggregate	Providing services for shifting of 10 mm and 20 mm aggregate for concrete and other miscellaneous civil work from hill bottom to designated tower location from 130 to 134 on hill by means of engaging work force or any other mechanical method (approval from tatapower to be sought) and stacking it at desired location at top and bottom of hill over PVC sheet or tarpaulin, surrounded by filled sand bags to avoid spreading of sand in forest area, carrying away empty bags after completion of work and site cleaning and managing availability of required material as per requirement etc. complete as directed by EIC.	1,200.00	M3		
7		Shifting of water	Providing services for transporting potable water for site mix concrete and other miscellaneous civil work from hill bottom to designated tower location from 130 to 134 on hill by means of engaging work force or any other pumping method (approval from tatapower to be sought). Contractor shall make his own electric supply for operating pump, Storage arrangement at Top and bottom of hill, and supply pipe line for individual tower location, managing availability of water as per requirement and demobilize material used for storing and transporting after completion of work and site cleaning etc. complete as directed by EIC.	500.00	KL		
8		Shifting of soling material	Providing services for shifting of soling material for concrete and other miscellaneous civil work from hill bottom to designated tower location from 130 to 134 on hill by means of engaging work force or any other mechanical method (approval from tatapower to be sought) and stacking it at desired location and site cleaning etc. after completion of work complete as directed by EIC.	160.00	M3		
							-
							-
Sub-Total							-
GST @ 18%							-
Total (Including GST)							-