

**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 Division: -

### **Procedure for Participating in Tender**

<b>Tender Enquiry No.</b>	<b>Work Description</b>	<b>EMD (Rs.)</b>	<b>Tender Participation Fee (Rs.)</b>	<b>Last date &amp; time for Payment of Tender Participation Fee*</b>
CC26SB001	General Civil Works for Reactor Foundation and BOT at Dharavi RSS, Mumbai.	1,50,000 /-	2,000/-	15.00 Hrs. Monday, 22 <sup>nd</sup> September 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 [shrushti.bhujbal@tatapower.com](mailto:shrushti.bhujbal@tatapower.com) & with copy to [vivek.mittal@tatapower.com](mailto: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.**

<b>FORMAT C.1</b>					
<b>Technical Pre-Qualification Requirement and Submission Format</b>					
<b>Tender No</b>					
<b>Package Name</b> General Civil Works for 125 MVAR Reactor at Dharavi RSS, Mumbai.					
<b>Bidder :</b>					
<b>Note :</b> Vendor Submission / claim without suitable backup document will not be accepted and Bid is Liable for Rejection					
This format duly filled in editable Excel format has to be uploaded as Bid Submission with all relevant Backup Document					
Package Description:General Civil Works for 125 MVAR Reactor at Dharavi RSS, Mumbai.					
Tender Reference No -					
Pre - Qualification Requirement (PQR) - Please note that the PQR is for information only and the documentary evidence to ascertain meeting of the requirement has to be submitted along with the bid and not along with the tender fee					
<b>To be filled up be Vendor</b>					
Sr No	Parameter	Tata Power Requirement	Documents to be submitted by vendor to ascertain meeting of Pre-Qualification Requirement	Vendor Submission against Tata Power PQR Requirement	Documents submitted by Vendor to ascertain meeting of Pre-Qualification Requirement
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
(A)	<b>Experience</b>	<p>1. Bidder should have minimum 05 years' experience of civil works such as Civil maintenance works, RCC Repair works, Concreting works, structural steel work, Plumbing &amp; Carpentry 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"> <li>• 100 cubic meters of RCC / PCC works.</li> <li>• Structural Steel works of 10 MT</li> <li>• Brick works of 100 cubic meter</li> <li>• Experience for working in switchyard and operational area.</li> </ul> <p>3. 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>	Bidder to submit credentials (PO/completion certificate) 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)	<b>ISO Certifications</b>	Bidder should possess ISO-9001, ISO-14001 and OHSAS-18001 / ISO-45001 Certification or they should provide an undertaking that they will obtain these certifications for their organization if the work is awarded to them.	Bidder to submit credentials 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.		
(C)	<b>Commercial Capability</b>	Average annual turnover of the Vendor for last three financial years shall not be less than <b>Rs. 150 lakhs</b> for Civil works during last three years.	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.		

**BOQ\_General Civil Works for 125 MVA Reactor at Dharavi RSS, Mumbai.**

Sr. No	Short Text	Description	Quantity	Unit
1	Breaking asphalt road incl. macadam	Providing all necessary tools tackles services etc for breaking asphalt road including macadam layer, soling etc. (all thickness) and disposing of the debris to the outside company premises etc complete as per specifications and as directed by the engineer.,asphalt road including metalling, soling etc. (all thickness)	10	M3
2	Dismantling and disposal of brick ma	Dismantling and disposal of brick masonry at all levels and listing the scrap material 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 MCGM disposal, Royalty & Collector's permission, stacking, spreading and backfilling, etc.(Contractor to take permission from Collector/MCGM/concern authorities for the dumping place in consultation with the Municipal and/or other Local Authorities & Debris Management Cell. Contractor should ensure that this disposal cause no nuisance to the residents of town. Disposal is at the risk and cost of the Contractor.)	10	M3
3	Dismantling and disposal of plain concre	Dismantling and disposal of plain concrete at all levels above and below ground and listing the scrap material 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 local statutory authorities.	30	M3
4	Dismantling and disposal of RCC	Dismantling and disposal of reinforced cement concrete including reinforcement at all levels above or below ground, listing the scrap material and returning the reinforcement and structural steel to Owner's store at Dharavi as directed by the Engineer-in-Charge with all leads and lifts, etc. complete in all aspects as described and as directed by engineer incharge	20	M3

5	Dismantling of existing fence	<p>Providing services for removal of chain-link fencing and dispose to outside the company premises etc complete as per specifications and as directed by the engineer after completion of the job, including providing &amp; erecting necessary steel tubular scaffolding (up to 2 meter) as per the tata power standards etc. Complete as directed. Rate shall inclusive of providing necessary tools tackles, cutting set, welding set wherever required &amp; inclusive of factors like Statutory Authority disposal, Royalty &amp; Collector's permission, stacking, etc.</p> <p>(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 &amp; 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>	60.00	M
6	Dismantling and disposal of structural steel	<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 &amp; 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 &amp; 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>	13.00	MT
7	P/C Excavation in Soft rock GL to 1.5m	<p>Excavation in ordinary earth, soft &amp; 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 (including supply of material,design and execution etc complete), removal of vegetation, shrubs, royalty, etc., removal and disposal of excavated material from the site, temporary stacking of selected earth and its multiple han</p>	500	M3
8	P/C Excavation in Soft rock 1.5m to 2.5m	<p>Excavation in ordinary earth, soft &amp; 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 (including supply of material,design and execution etc complete), removal of vegetation, shrubs, royalty, etc., removal and disposal of excavated material from the site as directed from engg incharge. Depth 1.5m to 2.5m</p>	140	M3

9	P/C Excavation in soft rock 2.5m to 3.5m	Excavation in 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 (including supply of material, design and execution etc complete), removal of vegetation, shrubs, royalty, etc., removal and disposal of excavated material from the site as directed from engg incharge. Depth 2.3m to 3.5m	20	M3
10	P/C Excavation in hard rock GL to 1.5m	Excavation in hard rock by ordinary chiseling; including all safety provisions by providing shoring and strutting (including supply of material, design and execution etc complete), removal of vegetation, shrubs, royalty, etc., removal and disposal of excavated material from the site, temporary stacking of selected earth and its multiple handling and spreading within the internal premises as directed by the Engineer-in-Charge. Depth GL to 1.5m	10	M3
11	P/S/F Murum	Providing and filling with good quality of murrum brought by the Contractor from outside in 15 to 20 cm thick layers including watering and consolidating so as to achieve compaction upto 95% of Standard Proctor Density, etc. complete in all aspects as directed by the Engineer-in-Charge.	25	M3
12	P/S/F Rubble soling	Providing & laying dry trap granite/quartzite/gneiss/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 and compacted with 8 to 10 tonne rollers and spreading 12mm thick layer of grit on top, etc. complete in all aspects as directed by the Engineer-in-Charge.	80	M3
13	P/S/C Metal filling	Providing metal filling of graded size 3 and 4 of trap stones of approved quality in reactor foundations including sand packing and filling gravel in the voids, etc. complete as directed by Engineer-in-Charge.	100	M3
14	P/L PCC M15 below ground	Providing and laying Ready Mix Concrete, M15 Grade using 20 mm downgraded aggregates below ground 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.	50	M3
15	P/L PCC M15 above ground	Providing and laying Ready Mix Concrete of M15 Grade using 20 mm downgraded aggregates above ground for coping to plinth or parapet, transomes and mullions, for protection of dowel bars of slabs, beams, columns, etc. moulded or chamfered as per drawing or as directed by the Engineer-in-Charge including shuttering, formwork, vibrating, compacting, curing, etc. complete for all lifts and levels.	10	m3

16	P/L RCC M30 -Base raft/wa	Providing and placing in position Ready Mix Concrete of M30 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):Base raft, wall and tunnel with approved water proofing compound	125	m3
17	P/L RCC M30 columns/ped	Providing and placing in position Ready Mix Concrete of M30 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)-RCC columns, pedestals, brackets, walls	40	m3
18	P/L RCC M 30 slabs,/steps,	Providing and placing in position Ready Mix Concrete of M30 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)RCC M 30 slabs, steps, waist slabs, beams, lintels	30	M3
19	P/L RCC M30 -trench,UG ta	Providing and placing in position Ready Mix Concrete of M30 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):All foundations including bottom slabs of trenches, Underground tanks, pile caps, grade slabs, etc.	50	M3

20	P/L RCCM25-Columns/ped	Providing and placing in position Ready 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):RCC columns, pedestals, brackets, walls	40	M3
21	P/L HYSD CRS Fe 500 bars	"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) a) For HYSD CRS bars conforming to grade Fe 500 of IS 1786"	22	MT
22	Providing structural steel w	Providing structural steel work in rolled / builtup sections fixed with connecting plates or angles, gussets, cleats, channels as per drawings including cutting, fabricating, hoisting, erecting at all levels and locations, fixing in position, making welded/bolted connections and with two coats of zinc phosphate primer (One shop coat and one site coat) and painting with finishing coats of synthetic enamel paint to get desired finish, including scaffolding, preparation of surfaces, transporting, loading, unloading etc. complete as directed by the Engineer-in-Charge.	25	MT
23	Prov/Fab Chequered Plates	Supplying, fabricating, delivering to site, loading, unloading, etc. and erecting chequered plate of diamond shape pattern including all operations but not limiting to such as straightening, cutting, drilling, grinding, welding (weight not included), making holes for lifting, cleaning and preparing surface by power tools and wire brushing and applying on the soffit of chequered plate one shop coat of zinc phosphate primer after fabrication and one coat of the same after erection and finishing coats of synthetic enamel paint of approved shade to get desired finish, etc. complete as per specifications and as directed by the Engineer-in- Charge.	4.00	TO

24	S/C/F M.S anchor bolts	Supplying, cutting, fabricating and erecting M.S. anchor bolts, pipe sleeves, channels, angles, plates, rails, beams and all other types of inserts in concrete members and placing them in position as specified on drawings at all locations and at all levels, etc. including two coats of approved oil paint over one coat of zinc phosphate primer with finishing coats of synthetic enamel paint to get desired finish over exposed surfaces, including scaffolding, preparation of surfaces, transporting, loading, unloading etc. complete as directed by the Engineer-in-Charge.	1	MT
25	Grouting base 45N/mm2	Grouting of the bases of equipment / stanchions including anchor bolt pocket/ pipe sleeves etc. With premixed free flowing non-shrinking grout of the following strengths as per the manufacturer's instructions. Grout having a minimum strength of 45 N / mm2	1	M3
26	P/C BM 230mm thick	Providing Brick Masonry, 230 mm thick and above, in cement mortar 1:5 (1 cement: 5 coarse sand) using best quality locally available B class kiln bricks having crushing strength of 7.5 N/mm2 and Rest all properties shall as per IS, in superstructure for walls, parapets, etc., at all levels and locations, including scaffolding, curing, raking of joints, providing RCC transoms and mullions of grade M15 including shuttering, etc. complete.	35	M3
27	P/L external plaster 20 mm	Providing & applying 20 mm thick external sand faced plaster in cement mortar 1:4 using addition of integral water proofing compound 100% virgin polypropylene fibrillated fibres @125 gm/bag of cement as per manufacturer's specifications waterproofing compound of approved make as per the manufacturer's specifications, in two layers (first layer of 14 mm thickness and the second layer of 6 mm thickness) on all types of external surfaces using coarse, clean sand including surface preparation, curing both the coats, bends, grooves, drip moulds and all scaffolding, curing, including providing and fixing chicken mesh of 22 gauge, with about 15 cm. width of approved quality at the junction of reinforced cement concrete members and brick work, including fixing mesh in position by necessary drilling in concrete/ B.B masonry, etc. complete.	60	M2
28	P/L Internal plaster 12 mm	Providing internal cement plaster 12 mm thick plain finish in single coat in cement mortar 1:4 with hacking, surface preparation, including scaffolding and curing, grooves, bands, drip moulds, including providing and fixing chicken mesh of 22 gauge, with about 15 cm width of approved quality at the junction of reinforced cement concrete members and brick work, including fixing mesh in position by necessary drilling in concrete/ B.B masonry, etc. complete.	60	M2

29	P&L RCC NP3 class Hume pipe	Providing & laying RCC NP3 class Hume pipe of 200mm dia. conforming to IS 458 in slope with RCC collar in cement sand joint in 1:3 proportion including cutting the pipes to required length, complete.	4	M
30	P/L RCC hume pipe 300mm	Providing and laying RCC NP2 class Hume pipe with collar joint including jointing and filleting in 1:4 C.M, including plugging of both the ends with gunny bags, brick masonry in C.M 1:4 with plaster in C.M. 1:4 and curing, etc. complete as specified and as directed by Engineer-in-Charge. (All the pipes supplied shall conform to relevant IS codes. The Contractor	5	M
31	FST 250	Providing & applying Expanded Foam ( FST-Foam Duct Sealant 250) including Cartridge Set with Mixing Nozzle for any cable entry points gap filling work as directed by TATA power Engineer. The rate shall includes the cost of materials & associated equipments required for the job.	6	EA
32	P/S/F Chain link Fencing	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 75mm 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 2.5m center to center with iron bar of 16mm dia. as hold-fast including welding link with angle frame with 30cm center to center etc complete as per BOQ	50	M
33	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	5.00	M2
34	Providing & applying one coat of Du	Providing & applying one coat of Dura life base coat/or equivalent followed by two top coats of ULTIMA PROTEK of Asian paints/or equivalent on all exterior surfaces at all levels, including Cleaning of surface with jet cleaning machine(Bio wash), Opening the Cracks in v groove shape, Filling up the cracks with Crack seal Compound, curing, all scaffolding , etc., complete as per manufacturer#s specifications and as directed by the Engineer in-charge. Vendor to submit Paints waterproofing warranty for 10 years and paint performance warranty for 10 years from Asian Paints.	360.00	M2
35	P&L C.I..pipe of 75 mm dia	Providing and laying C.I..pipe of 75 mm diameter in proper line, level and slope including providing, fixing collars in cement mortar 1:2, etc. complete as directed by Engineer	5.00	M

36	SPLY,FBRCTNG&ERCTNG RAILING,GIPIPE,32NB	SERVICE TYPE: SUPPLY, FABRICATING AND ERECTING TUBULAR HAND RAILING OF GI PIPE, SIZE: 32 NB, CONSISTING OF DOUBLE RAIL WITH TOP RAIL: 1 M ABOVE THE FLOOR LEVEL AND PIPE POST INCLUDING CONNECTING ONE SHOP COAT OF EACH PRIMER AND TWO FINISH COAT OF SYNTHETIC ENAMEL AS DIRECTED	100.00	M
37	RCC M25 Precast Covers RMC"	CC M25 Precast Covers, PROVIDING OF CONCRETE RCC M-25 FROM RMC AS PER IS 456, VIBRATED AND PLACED TO CORRECT LINE AND LEVEL FOR PRECAST TRENCH COVERS AS PER DRAWING, RATE INCLUDES STEEL/PLYWOOD FORMWORK AND CURING, SHIFTING & PLACING IN REQUIRED LOCATION , REINFORCEMENT STEEL IS MEASURED SEPARATELY AS PER TATA POWER APPROVED STANDARD INCLUDING ALL LEAD, TOOLS, TACKLES, TRANSPORTATION, ETC. COMPLETE AND AS DIRECTED BY SITE ENGINEER	5.00	M3
38	P/L precast covers Concrete Grade M20	P/Laying precast covers Concrete Grade M20: as per specific in drawing including lifting & erection with equipment at required locations also includes Supplying, Providing and placing in position reinforced cement concrete for precast covers for following structure works including vibrating, curing, de-watering wherever necessary, providing construction joints, leaving cutouts/ pockets for placing of inserts/ embedments, etc., complete, including cost of providing form work for all shapes with lifting arrangement with Hook as per issued drawing but excluding the cost of providing reinforcement all as per specifications and as directed by the Engineer. This Item is to be ready mix (RMC)	5.00	M3
39	16 mm Hilti anchor fastners	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.	100.00	NO

**BOQ\_CC26SB001\_General Civil Works for 125 MVAR Reactor at Dharavi RSS, Mumbai.**

Sr. No	Short Text	Description	Quantity	Unit
1	Breaking asphalt road incl. macadam	Providing all necessary tools tackles services etc for breaking asphalt road including macadam layer, soling etc. (all thickness) and disposing of the debris to the outside company premises etc complete as per specifications and as directed by the engineer.,asphalt road including metalling, soling etc. (all thickness)	10	M3
2	Dismantling and disposal of brick ma	Dismantling and disposal of brick masonry at all levels and listing the scrap material 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 MCGM disposal, Royalty & Collector's permission, stacking, spreading and backfilling, etc.(Contractor to take permission from Collector/MCGM/concern authorities for the dumping place in consultation with the Municipal and/or other Local Authorities & Debris Management Cell. Contractor should ensure that this disposal cause no nuisance to the residents of town. Disposal is at the risk and cost of the Contractor.)	5	M3
3	Dismantling and disposal of plain concre	Dismantling and disposal of plain concrete at all levels above and below ground and listing the scrap material 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 local statutory authorities.	10	M3
4	Dismantling and disposal of RCC	Dismantling and disposal of reinforced cement concrete including reinforcement at all levels above or below ground, listing the scrap material and returning the reinforcement and structural steel to Owner's store at Dharavi as directed by the Engineer-in-Charge with all leads and lifts, etc. complete in all aspects as described and as directed by engineer incharge	10	M3
5	Dismantling & disposal of rubble msnry	Dismantling and disposal of rubble masonry above ground and listing the scrap material as and returning 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.)"	20	M3
6	Dismantling and disposal of str steel	y & Collector's permission, stacking, etc.(Bidder to take permissi	1.00	MT

7	Services for Dismantling MS gate	Removing any type of ms gate and and dispose to outside the company premises etc complete as per specifications and as directed by the engineer with proper documentation after completion of the job	20	M2
8	P/C Excavation in Soft rock GL to 1.5m	Excavation in 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 (including supply of material,design and execution etc complete), removal of vegetation, shrubs, royalty, etc., removal and disposal of excavated material from the site, temporary stacking of selected earth and its multiple han	150	M3
9	P/C Excavation in Soft rock 1.5m to 2.5m	Excavation in 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 (including supply of material,design and execution etc complete), removal of vegetation, shrubs, royalty, etc., removal and disposal of excavated material from the site as directed from engg incharge. Depth 1.5m to 2.5m	100	M3
10	P/C Excavation in soft rock 2.5m to 3.5m	Excavation in 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 (including supply of material,design and execution etc complete), removal of vegetation, shrubs, royalty, etc., removal and disposal of excavated material from the site as directed from engg incharge. Depth 2.3m to 3.5m	40	M3
11	P/C Excavation in hard rock GL to 1.5m	Excavation in hard rock by ordinary chiseling; including all safety provisions by providing shoring and strutting (including supply of material,design and execution etc complete), removal of vegetation, shrubs, royalty, etc., removal and disposal of excavated material from the site, temporary stacking of selected earth and its multiple handling and spreading within the internal premises as directed by the Engineer-in-Charge. Depth GL to 1.5m	20	M3
12	P/C Excavation in hard rock 1.5m to 2.5m	Excavation in hard rock by ordinary chiseling; including all safety provisions by providing shoring and strutting (including supply of material,design and execution etc complete), removal of vegetation, shrubs, royalty, etc., removal and disposal of excavated material from the site, temporary stacking of selected earth and its multiple handling and spreading within the internal premises as directed by the Engineer-in-Charge. Depth 1.5m to 2.5m	20	M3
13	P/S/F Murum	Providing and filling with good quality of murrum brought by the Contractor from outside in 15 to 20 cm thick layers including watering and consolidating so as to achieve compaction upto 95% of Standard Proctor Density, etc. complete in all aspects as directed by the Engineer-in-Charge.	75	M3
14	P/S/F Rubble soling	Providing & laying dry trap granite/quartzite/gneiss/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 and compacted with 8 to 10 tonne rollers and spreading 12mm thick layer of grit on top, etc. complete in all aspects as directed by the Engineer-in-Charge.	40	M3

15	P/L PCC M15 below ground	Providing and laying Ready Mix Concrete, M15 Grade using 20 mm downgraded aggregates below ground 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.	10	M3
16	P/L PCC M15 above ground	Providing and laying Ready Mix Concrete of M15 Grade using 20 mm downgraded aggregates above ground for coping to plinth or parapet, transoms and mullions, for protection of dowel bars of slabs, beams, columns, etc. moulded or chamfered as per drawing or as directed by the Engineer-in-Charge including shuttering, formwork, vibrating, compacting, curing, etc. complete for all lifts and levels.	5	m3
17	P/S/L RCC M25 RMC R/P	Providing and placing in position Ready 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, Filling of all tie rod holes with non-shrink grout( Dr. Fixit Pidigrout 10M as per manufacturers specification) etc. complete, FOR- RAFT & PEDASTAL	40	M3
18	P/S/L RCC M25 RMC RW/CT	Providing and placing in position Ready 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, Filling of all tie rod holes with non-shrink grout( Dr. Fixit Pidigrout 10M as per manufacturers specification) etc. complete, FOR- RETAINING WALL & CABLE TRENCH	40	M3
19	P/L HYSD CRS Fe 500 bars	"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) a) For HYSD CRS bars conforming to grade Fe 500 of IS 1786"	18	MT
20	Supply of GI pipe class B 150 mm dia	Supply of GI pipe class B 150 mm dia	2	M
21	SPLYNG,PRVDNG,LAYING,PCC IPS,M15	SERVICE TYPE: SUPPLYING, PROVIDING AND LAYING IN POSITION PLAIN CEMENT CONCRETE IPS M 15 IN LEVELLING COURSE/FILL UNDER OR AROUND FOUNDATION PIT, SLAB ON GRADE, SUMP, SOAK PIT, AT ANY DEPTH WITH 40 MM DOWN GRADED COARSE AGGREGATE INCLUDING CURING, COMPACTING, DE-WATERING WHEREVER NECESSARY, PROVIDING MARINE PLYWOOD SHUTTERING FORM WORK WHEREVER REQUIRED, COMPLETE FOR THE FOLLOWING MIX: M 15, MIN CEMENT CONTENT: 300 KG/M3	10	M3
22	CISE,P/F G.I RUNGS	CISE,Supplying, fabricating and fixing in position hot dip galvanised mild steel rungs bent to shape/size as indicated on drawings and as directed by the ENGINEER. (Minimum weight of zinc coating shall be 800 gms. Per sq.m).	0.2	MT

23	P/A Crystalline water proofing system	<p>Supplying all materials, adding crystalline water proofing system for concrete works applicable for RCC raft, side walls of basement, cable trenches, tunnels, underground tanks, over head tanks, roof slabs, etc as per manufacturer's guidelines. Contractor to provide a leak proof warranty for a period of minimum 10 years for all the concrete waterproofing works covered under this item. (Note: Concrete will be paid as per Item no. 17 of BOQ issued with PO. This item is only for adding crystalline waterproofing compound)</p>	80	M3
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