

**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**

<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>
CC25AA055	Services for Construction of Tower Foundations ( <b>Micro Pile Foundation</b> ) for 220 kV Kalwa Kalyan Line project in Mumbai.	8,00,000 /-	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](mailto:anubhav.anand@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 / 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)	<b>Experience</b>	<p>1) Bidder along with selected sub vendors should have minimum 05 years' experience in micro 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"> <li>• 1500 M3 work of excavation.</li> <li>• 500 M3 of concrete.</li> <li>• 100 Nos. of Micro pile of dia 300 mm.</li> </ul>	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)	<b>Safety</b>	<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 &amp; L2 and supervisor should be L3 trained &amp; 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)	<b>Capability to Handle Job financially if awarded</b>	Average Annual Turnover of the bidder for last three years shall not be less than <b>INR 750 Lakhs.</b>	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 (**Micro Pile Foundation**) for 220 kV Kalwa Kalyan Line project in Mumbai.

**Package Ref No** - CC25AA055

Note – Detailed BOM in subsequent pages.

Package 2 : Civil work for Construction of Transmission Tower foundation(Pile) at MO region for Kalwa-Kalyan 220 kV line.							
Location Mumbra- Tower No. 135 to 142							
Sr. No	Service Code	Short Description	Description	Quantity	UOM	Rate(INR)	Amount(INR)
1	4305528	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.	8.00	Nos		
2	4207274	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.	3,300.00	M3		
3	4159995	Excavation 1.5 to 3.0 m disposal outside	EXCN, ORDINARY SOIL, 1.51-3.0M, DISPL INS) Excavation in all type of ordinary earth, soft & decomposed rock which include rock/boulders/slag/slate/laterite, sand/gravel/clay/ murrum, 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.	495.00	M3		
4	4221885	Piling incl concrete for 300mm dia micro pile	Piling incl concrete for 300mm dia micro pile CISE, Boring/drilling/concreting for micro pile 300mm dia through all kinds of soils as per the drawing including hard murrum with gravels and rock fragments, making of 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, survey at each of the locations on land based on the sequence of operation as directed by ENGINEER and distance involved in movement of the piling / boring equipment and forming piles by conventional/Rotary method (tripod, winch machine, boring rigs) using permanent liner to prevent side collapse in all kinds of soils at all depths below ground from tip to cut off elevation of piles as shown on the drawings or as instructed by the OWNER / ENGINEER. Filling the bore with M30 grade concrete & 20 mm downgraded coarse concrete 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. (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 measure from cut-off level to start of Soft Rock / Hard Rock including concreting. Rate quoted shall include, mobilization of rig, surveying and setting of rigs, boring of piles, carting away bored spoils to an area outside owner premises to an MCGM approved dumping yard including MCGM permission. inclusive of obtaining the approval from MCGM authority or any authority beyond MCGM, paying required premium/deposits etc. (methodology to be submitted and approval from Tata Power to be obtained before execution)	2,324.00	M		
5	4307231	Piling incl concrete for 300mm dia micro pile for length beyond 12.00 m	Boring/drilling/concreting for micro pile 300mm dia through all kinds of soils as per the drawing including hard murrum with gravels and rock fragments, making of 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, survey at each of the locations on land based on the sequence of operation as directed by ENGINEER and distance involved in movement of the piling / boring equipment and forming piles by conventional/Rotary method (tripod, winch machine, boring rigs) using permanent liner to prevent side collapse in all kinds of soils at all depths below ground from tip to cut off elevation of piles as shown on the drawings or as instructed by the OWNER / ENGINEER. Filling the bore with M30 grade concrete & 20 mm downgraded coarse concrete 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. (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 measure from cut-off level to start of Soft Rock / Hard Rock including concreting. Rate quoted shall include, mobilization of rig, surveying and setting of rigs, boring of piles, carting away bored spoils to an area outside owner premises to an MCGM approved dumping yard including MCGM permission. inclusive of obtaining the approval from MCGM authority or any authority beyond MCGM, paying required premium/deposits etc. (methodology to be submitted and approval from Tata Power to be obtained before execution) For length beyond 12.00 m	208.00			
6	4221887	Piling in Hard rock for micro pile 300mm dia	Piling in Hard rock for micro pile 300mm dia CISE, Piling incl. concreting boring through hard rock for micro pile 300mm dia. Mobilizing, 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/rotary 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 & 20mm downgraded aggregates, 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 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, etc. complete. (Note: 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 is 100 to 400 is encountered. Rate for boring in rock shall include cost of conducting Chisel Energy). For micro pile 300mm dia, Mode of Measurement for this item shall measure from start of Hard Rock to Pile Terminations Level including concreting.	1,195.00	M		
7	4231303	Pile cut off to required level_300mm	Pile cut off to required level_300mm For Pile 300mm dia, Providing all adequate tools, equipment, machinery and man power for carrying out pile cut off to required levels. Disposal of debris & MS Liner of cut off to be done in the areas approved by MCGM / Debris Management Cell in dumping yards with all valid challans as directed. Care to be taken that concrete debris is not to be mixed with soil during disposal of material.	100.00	M		

8	4307232	Pilling incl concrete for 400mm dia pile	Pilling incl concrete for 400 mm dia pile CISE, Boring/drilling/concreting for pile 400mm dia through all kinds of soils as per the drawing including hard murrum with gravels and rock fragments, making of 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, survey at each of the locations on land based on the sequence of operation as directed by ENGINEER and distance involved in movement of the piling / boring equipment and forming piles by conventional/Rotary method (tripod, winch machine, boring rigs) using permanent liner to prevent side collapse in all kinds of soils at all depths below ground from tip to cut off elevation of piles as shown on the drawings or as instructed by the OWNER / ENGINEER. Filling the bore with M30 grade concrete & 20 mm downgraded coarse concrete 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. (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 measure from cut-off level to start of Soft Rock / Hard Rock including concreting. Rate quoted shall include, mobilization of rig, surveying and setting of rigs, boring of piles, carting away bored spoils to an area outside owner premises to an MCGM approved dumping yard including MCGM permission, inclusive of obtaining the approval from MCGM authority or any authority beyond MCGM, paying required premium/deposits etc. (methodology to be submitted and approval from Tata Power to be obtained before execution)	119.50	M		
9	4307233	Pilling incl concrete for 400mm dia pile for length beyond 12.00 m	Boring/drilling/concreting for pile 400mm dia through all kinds of soils as per the drawing including hard murrum with gravels and rock fragments, making of 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, survey at each of the locations on land based on the sequence of operation as directed by ENGINEER and distance involved in movement of the piling / boring equipment and forming piles by conventional/Rotary method (tripod, winch machine, boring rigs) using permanent liner to prevent side collapse in all kinds of soils at all depths below ground from tip to cut off elevation of piles as shown on the drawings or as instructed by the OWNER / ENGINEER. Filling the bore with M30 grade concrete & 20 mm downgraded coarse concrete 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. (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 measure from cut-off level to start of Soft Rock / Hard Rock including concreting. Rate quoted shall include, mobilization of rig, surveying and setting of rigs, boring of piles, carting away bored spoils to an area outside owner premises to an MCGM approved dumping yard including MCGM permission, inclusive of obtaining the approval from MCGM authority or any authority beyond MCGM, paying required premium/deposits etc. (methodology to be submitted and approval from Tata Power to be obtained before execution) For length beyond 12.00 m	15.00	M		
10	4207234	Pilling in rock incl concrete for 400mm dia pile	Pilling in Hard rock for pile 400mm dia CISE, Pilling incl. concreting boring through hard rock for pile 400mm dia. Mobilizing, 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/rotary 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 & 20mm downgraded aggregates, 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 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, etc. complete. (Note: 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 is 100 to 400 is encountered. Rate for boring in rock shall include cost of conducting Chisel Energy). For micro pile 300mm dia, Mode of Measurement for this item shall measure from start of Hard Rock to Pile Terminations Level including concreting.	20.00	M		
11	4207235	Pile cut off to required level_400mm	For Pile 400 mm dia, Providing all adequate tools, equipment, machinery and man power for carrying out pile cut off to required levels. Disposal of debris & MS Liner of cut off to be done in the areas approved by MCGM / Debris Management Cell in dumping yards with all valid challans as directed. Care to be taken that concrete debris is not to be mixed with soil during disposal of material.	20.00	M		
12	4207236	Pilling incl concrete for 500mm dia pile	Pilling incl concrete for 500 mm dia pile CISE, Boring/drilling/concreting for pile 500mm dia through all kinds of soils as per the drawing including hard murrum with gravels and rock fragments, making of 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, survey at each of the locations on land based on the sequence of operation as directed by ENGINEER and distance involved in movement of the piling / boring equipment and forming piles by conventional/Rotary method (tripod, winch machine, boring rigs) using permanent liner to prevent side collapse in all kinds of soils at all depths below ground from tip to cut off elevation of piles as shown on the drawings or as instructed by the OWNER / ENGINEER. Filling the bore with M30 grade concrete & 20 mm downgraded coarse concrete 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. (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 measure from cut-off level to start of Soft Rock / Hard Rock including concreting. Rate quoted shall include, mobilization of rig, surveying and setting of rigs, boring of piles, carting away bored spoils to an area outside owner premises to an MCGM approved dumping yard including MCGM permission, inclusive of obtaining the approval from MCGM authority or any authority beyond MCGM, paying required premium/deposits etc. (methodology to be submitted and approval from Tata Power to be obtained before execution)	119.50	M		

13	4207237	Pilling incl concrete for 500mm dia pile for length beyond 12.00 m	Boring/drilling/concreting for pile 500mm dia through all kinds of soils as per the drawing including hard murrum with gravels and rock fragments, making of 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, survey at each of the locations on land based on the sequence of operation as directed by ENGINEER and distance involved in movement of the piling / boring equipment and forming piles by conventional/Rotary method (tripod, winch machine, boring rigs) using permanent liner to prevent side collapse in all kinds of soils at all depths below ground from tip to cut off elevation of piles as shown on the drawings or as instructed by the OWNER / ENGINEER. Filling the bore with M30 grade concrete & 20 mm downgraded coarse concrete 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. (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 measure from cut-off level to start of Soft Rock / Hard Rock including concreting. Rate quoted shall include, mobilization of rig, surveying and setting of rigs, boring of piles, carting away bored spoils to an area outside owner premises to an MCGM approved dumping yard including MCGM permission. Inclusive of obtaining the approval from MCGM authority or any authority beyond MCGM, paying required premium/deposits etc. (methodology to be submitted and approval from Tata Power to be obtained before execution) For length beyond 12.00 m	20.00	m		
14	4207238	Pilling in rock incl concrete for 500mm dia pile	Pilling in Hard rock for pile 500mm dia CISE,Pilling incl. concreting boring through hard rock for pile 500mm dia. Mobilizing, 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/rotary 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 & 20mm downgraded aggregates, 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 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, etc. complete. (Note: 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 is 100 to 400 is encountered. Rate for boring in rock shall include cost of conducting Chisel Energy).For micro pile 300mm dia, Mode of Measurement for this item shall measure from start of Hard Rock to Pile Terminations Level including concreting.	20.00	m		
15	4207239	Pile cut off to required level_500mm	For Pile 500 mm dia, Providing all adequate tools, equipment, machinery and man power for carrying out pile cut off to required levels. Disposal of debris & MS Liner of cut off to be done in the areas approved by MCGM / Debris Management Cell in dumping yards with all valid challans as directed. Care to be taken that concrete debris is not to be mixed with soil during disposal of material.	20.00	m		
16	4221904	Providing laying MS liner of 6mm thk	Providing laying MS liner of 6mm thk 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.	22.00	MT		
17	4221905	Providing laying MS liner of 5mm thk	Providing laying MS liner of 5mm thk CISE, Providing all materials, tools, equipment, manpower, fabrication, cleaning, cutting, bending, welding of 5mm 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.	75.00	MT		
18	4151285	Prov & Placing Reinfrc for Pile	Prov & Placing Reinfrc for Pile 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 (TISCO-CRS make). For HYSD CRS bars conforming to grade Fe 500 of IS 1786 . Material to be procured form approved Manufacturer	90.36	MT		
19	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	269.33	MT		
20	4307240	Providing & Placing RCC M25 at all level upto G.L	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, beams,pedestals, brackets, walls etc.	793.00	M3		
21	4307241	Providing & Placing RCC M25 at all level upto 6.00 m	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, beams,pedestals, brackets, walls etc.	853.51	M3		
22	4307242	Providing & Placing RCC M25 from 6.01 m to 12.00 m.	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, beams,pedestals, brackets, walls etc.	634.76	M3		
23	4307243	Providing & Placing RCC M30 from 12.01 m to 18.00 m	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, beams,pedestals, brackets, walls etc.	474.57	M3		
24	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.	2.00	EA		
25	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 Templates and Assembling & Fixing of Stub angle in the column as per drawing	7.00	AU		
26	4094399	Fab & Fixing Galvanized steel Ru	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.	500.00	KG		

27	4080975	PRVD&FIX,ANCHR FSTNR,16MM,100MM,M,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	500.00	NO		
28	4151291	GI structural steel	Providing, Supplying, Detailing, fabricating, transporting to site of erection, erecting in position at all levels, alignment and final site welding/bolting of all structural steel conforming IS 2062 including hot dip galvanized mild steel bent to shape/size as indicated on drawings and as directed by the ENGINEER. (Minimum coating shall be 610 gms. Per sq.m) and all connected operations like straightening of plates, preparation of cutting plans, cutting, bending, grinding, drilling of holes, assembly, bolting, erection bolts and nut welding (weight not considered for payment) including, edge preparation for welding, pre heating of plates before welding, post heating, sequencing of welding, testing of welders, inspection and testing of welds, rectification/ correction of defective welds, etc complete including providing erection mark, erection scheme, protection against damage in transit, ensuring stability of structure by installing temporary structure (weight not payable) during erection, including supply of all skilled labour, material, consumables, handling equipment, during fabrication and erection and all other activities, required for complete work as per specification, construction drawings and instruction of ENGINEER. complete. (Site welded joints to be Cold Galvanized with approved Galvanising material. Zinga paint or equivalent)	53.00	MT		
29	4151292	Chequered plates	Providing, 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, chequered plate should be hot dip galvanized mild steel bent to shape/size as indicated on drawings and as directed by the ENGINEER. (Minimum coating shall be 610 gms. Per sq.m) and, etc. complete	80.17	MT		
30	4151274	MS Inserts	Supplying, fabricating, placing, aligning, fixing in position to correct lines and levels all types of steel embedments such as plate inserts, pipe sleeves with puddle flanges, anchor bolt/anchor bolt assemblies, edge protection angles, etc. in reinforced concrete works all as per specifications and as shown in construction drawings and as directed by the ENGINEER using steel templates, etc, as required (templates used for fixing inserts will not be measured and paid for). The rate quoted is at all heights and for all leads and lifts. Supply of the material is by the Contractor. Steel embedments in other beam/ column/trenches / walls / pits etc.	8.90	MT		
31	4135363	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.	544.20	RM		
32	4142201	Safe fall ladder	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.	27.00	NO		
33	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	100.00	M2		
34	4207284	Demolishing brick masonry	Demolishing brick masonry Providing all necessary tools tackles services etc for demolishing brick masonry of variable thickness with plaster and disposing off the debris to the approved dumping ground of municipal corporation area etc complete as per specifications and as directed by the engineer	10.00	M3		
35	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	20.00	M3		
36	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	150.00	M3		
37	4207288	Breaking cement / lime plaster	Breaking cement / lime plaster Providing all necessary tool tackles services etc for breaking plaster of all thicknesses as directed by the site-engineer and disposing of the debris to the approved dumping ground of municipal corporation outside company premises etc complete as per specifications and as directed by the engineer	100.00	M2		
38	4080837	DMLSH ASPHALT ROAD,DISPOSING DEBRIS	DMLSH ASPHALT ROAD,DISPOSING DEBRIS SERVICE TYPE: DEMOLISHING OF ASPHALT ROAD AND PROVIDING ALL NECESSARY TOOLS & TACKLES SERVICES AND DISPOSING OF THE DEBRIS TO THE APPROVED DUMPING GROUND OF MCGM	10.00	M3		
39	4221872	Dismantling structural steel	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.)	36.00	MT		
40	4221876	REMOVING OF AC/GI/FRP SHEET	REMOVING OF AC/GI/FRP SHEET Providing all necessary tools tackles & services for removing old AC / GI / FRP sheets from existing shed or boundary and dispose to outside the company premises etc complete as per specifications and as directed by the engineer. Rate shall inclusive of providing necessary tools tackles, cutting set, welding set wherever required & 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.)	100.00	M2		
41	4207297	Breaking of tile work	Breaking of tile work Providing all necessary tools tackles services etc for breaking of flooring & dado tiles as directed by the site-engineer and disposing of the debris to the outside company premises etc complete as per specifications and as directed by the engineer.	10.00	M2		
42	4207314	Removing & disposing paver block	Removing & disposing paver block Removal of existing paver blocks 60 - 80 mm thick & sand bedding and disposing outside tata power premises at designated local municipal authority dumping ground.	25.00	M2		
43	4207315	Removing & stacking paver block	Removing & stacking paver block Removal of existing paver blocks 60 - 80 mm thick including sand bedding and stacking in owner premises within 200 meter lead	50.00	M2		
44	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.	20.00	M3		

45	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.	1,306.00	M2		
46	4165300	DRILL HOLE IN ROCK/CONCRETE, 50 DIA	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	100.00	M		
47	4207329	Prvov. & const. Brick masonry 230mm	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.	5.00	M3		
48	4207330	Prov. & const Brick Masonry 115mm	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	10.00	M2		
49	4207331	P/L uncoursed rubble masonry	P/L uncoursed rubble masonry Supplying, providing and laying, un-coursed random rubble masonry in cement mortar 1:5 with approved local stones of good quality for wall footings, etc. And as fill under foundations, including curing, de-watering wherever necessary, etc. Complete for work below ground/grade level at all depths and grade level up to plinth etc., complete as per specification and as directed by the engineer.	5.00	M3		
50	4207337	P/A Internal plaster 12 mm	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		
51	4207338	P/A external plaster 20mm	P/A external plaster 20mm Providing all materials and carrying out sand faced plaster 20 mm thick in two layers (first layer of 14 mm and second layer of 6 mm thickness) with waterproofing compound. Including bands drip molds in cement mortar 1:4 including scaffolding (the rates shall include provision for chicken mesh 230 mm wide at the junction of masonry with RCC).	50.00	M2		
52	4207357	P/F Paver block - 60 mm	P/F Paver block - 60 mm Providing and fixing interlocking concrete paver blocks of 60mm thick. Concrete paver blocks shall be uniformly shaped (monolithic single layer precast concrete blocks) of specified color and pattern, placed on avg. Thickness of 45 mm river / crushed sand cushioning with proper compacting with mechanical compactor with the proper level, grade & camber etc. The side joints should be filled by M-20 grade concrete if required etc. Including all taxes, duties, octroi etc.the testing of paver block	25.00	M2		
53	4207358	P/F paver block - 80 mm	P/F paver block - 80 mm Providing and fixing interlocking concrete paver blocks of 80mm thick. Concrete paver blocks shall be uniformly shaped (monolithic single layer precast concrete blocks) of specified color and pattern, placed on avg. Thickness of 45 mm river / crushed sand cushioning with proper compacting with mechanical compactor with the proper level, grade & camber etc. The side joints should be filled by M-20 grade concrete if required etc. Including all taxes, duties, octroi etc.the testing of paver block	25.00	M2		
54	4207359	Lay paver block available at site	Lay paver block available at site Prov. Services for laying paver blocks available at site within 50 meter lead, rate shall be inclusive of shifting or transporting for given lead, 40 mm thick sand bedding, filling joints with sand	50.00	M2		
55	4207360	P/F M 30 - 100 mm paver block	P/F M 30 - 100 mm paver block Providing and fixing interlocking concrete paver blocks of 80mm thick. Concrete paver blocks shall be uniformly shaped (monolithic single layer precast concrete blocks) of specified color and pattern, placed on avg. Thickness of 45 mm river / crushed sand cushioning with proper compacting with mechanical compactor with the proper level, grade & camber etc. The side joints should be filled by M-20 grade concrete if required etc. Including all taxes, duties, octroi etc.the testing of paver block	50.00	M2		
56	4207362	P/L paver tile 20 mm	P/L paver tile 20 mm Prov. & laying 20 mm thick paver tile of M 20 grade on average sand bedding of 50 mm thickness to the line and level, rate shall be inclusive of man, material, transportation, tools, joint filling with sand so as to complete the job	50.00	M2		
57	4221880	Fab & Erect Structural Steel Work	Fab & Erect Structural Steel Work Fab & erection all types of mild steel, work at all height including scaffolding, welding and gas cutting, drilling of hole, contractor shall use his own welding set, gas cutting set, gas, welding electrode, drill machine, required for carrying out the entire work, the rate shall include supply and fixing of mild steel bolt, nut, washer and applying one coat approved primer & 2 coat of approved synthetic enamel paint to all the exposed surfaces of steel (excluding chequered plate)	10.00	MT		
58	4221881	Prov./ Supply /Fab 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)	2.00	MT		
59	4207424	P/F galvalume sheet 0.5 mm thick	P/F galvalume sheet 0.5 mm thick Providing, placing & fixing profile pre-color coated galvalume sheets or equivalent of 0.50mm total coat thickness to match existing shade (bare galvalume thickness 0.47mm), trough type, zinc aluminum alloy coated (zinc aluminum coating not less than 150g/sqm ), MS high tensile sheet having minimum yield strength of 550mpa including silicon modified polyester (SMP) coating of DFT 20 microns over 5 microns primer on exposed surface of sheeting & SMP coating of DFT 5 microns over 5 micron primer	100.00	M2		
60	4207538	Providing Plumbing Services	Providing Plumbing Services Providing Services for misc plumbing works, rate shall be inclusive of manpower of 1 plumber & helper	2.00	EA		
61	4207652	Providing & Carrying Out 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		
62	4207736	P/F Scaffolding upto 5 M	P/F Scaffolding upto 5 M Providing and fixing of tubular H-frame scaffolding/ pipe coupling / modular cup lock scaffolding, material: steel, Tata power standards upto 5 m height including covering it externally with nylon net and dismantling the same after completion of work, scaffolding material shall be in healthy condition and inspected before use by scaffolding inspector, additional information: payment will be made as per area of elevation	25.00	M2		
63	4197034	GI Hand Rail	GI Hand Rail Supplying, fabricating, transporting to site and erecting in position 32 dia. GI pipe handrails of flush welded construction made of pipes conforming to IS:1161 #C Class, (Heavy Duty) of height 1200 mm as per approved drawing including provision of supply of all accessories like (GI Pipes), Galvanised toe guard plate, anchor fasteners, base plates, welding etc., complete including hot dip galvanised mild steel bent to shape/size as indicated on drawings and as directed by the ENGINEER.(Minimum coating shall be 610 gms. Per sq.m) and all as per specifications and approved fabrication drawings. (Site welded joints to be Cold Galvanised with approved Galvanising material. Zinga paint or equivalent)	300.00	M		
<b>Sub-total</b>							
<b>GST @ 18%</b>							
<b>Total (including GST)</b>							

**Services for site enabling work Package II**

Sr. No	Service Code	Description	Quantity	Unit	Rate (INR)	Amount (INR)
1	4307202	<p>Site Enabling work to Tower location 135</p> <p>Provision of necessary services to facilitate the execution of civil foundation works for the proposed towers, including obtaining permissions from concerned authorities and stakeholders to ensure a smooth and disturbance-free working environment. The scope shall include, but not be limited to, the following activities as applicable:</p> <p>1. Site Mobilization: Conducting access surveys, obtaining required permits and approvals from relevant bodies such as Corporators, Forest Department, KDMC, and engaging in local liasoning including affected people due to construction, access routes, permission for cutting of small trees, bushes for making access etc. as required.</p> <p>2. Traffic and Access Management: Handling traffic arrangements and road access issues, particularly in narrow or congested areas, Highways etc.</p> <p>3. Protection of Existing Utilities and Structures: Ensuring the safety and integrity of nearby utilities and structures during execution.</p> <p>4. Temporary Facilities: Setting up temporary storage and shifting facilities to support site operations .</p> <p>5. Debris and Waste Management: Responsible disposal of dismantled materials, debris, garbage, surplus earth, and scrap as per applicable norms.</p> <p>8. Site Restoration and Reinstatement in terms Restoration of roads, encroachments, displaced walls and other affected built-up structures to their original or agreed-upon condition, including reuse of salvaged materials, disconnection and reconnection of regular water supply line, electric connectivity, sewage connectivity etc.as per site requirement. This includes preparation of drawings, location demarcation, obtaining owner concurrence, and preparing handover documentation.</p> <p>9. Stakeholder Compensation and Settlements: Managing compensation, rental settlements, dismantling and rebuilding affected structures and compensation to field owners or local stakeholders.</p>	1	AU		
2	4307203	<p>Site Enabling work to Tower location 136</p> <p>Provision of necessary services to facilitate the execution of civil foundation works for the proposed towers, including obtaining permissions from concerned authorities and stakeholders to ensure a smooth and disturbance-free working environment. The scope shall include, but not be limited to, the following activities as applicable:</p> <p>1. Site Mobilization: Conducting access surveys, obtaining required permits and approvals from relevant bodies such as Corporators, Forest Department, KDMC, and engaging in local liasoning including affected people due to construction, access routes, permission for cutting of small trees, bushes for making access etc. as required.</p> <p>2. Traffic and Access Management: Handling traffic arrangements and road access issues, particularly in narrow or congested areas, Highways etc.</p> <p>3. Protection of Existing Utilities and Structures: Ensuring the safety and integrity of nearby utilities and structures during execution.</p> <p>4. Temporary Facilities: Setting up temporary storage and shifting facilities to support site operations .</p> <p>5. Debris and Waste Management: Responsible disposal of dismantled materials, debris, garbage, surplus earth, and scrap as per applicable norms.</p> <p>8. Site Restoration and Reinstatement in terms Restoration of roads, encroachments, displaced walls and other affected built-up structures to their original or agreed-upon condition, including reuse of salvaged materials, disconnection and reconnection of regular water supply line, electric connectivity, sewage connectivity etc.as per site requirement. This includes preparation of drawings, location demarcation, obtaining owner concurrence, and preparing handover documentation.</p> <p>9. Stakeholder Compensation and Settlements: Managing compensation, rental settlements, dismantling and rebuilding affected structures and compensation to field owners or local stakeholders.</p>	1	AU		
3	4307204	<p>Site Enabling work to Tower location 138</p> <p>Provision of necessary services to facilitate the execution of civil foundation works for the proposed towers, including obtaining permissions from concerned authorities and stakeholders to ensure a smooth and disturbance-free working environment. The scope shall include, but not be limited to, the following activities as applicable:</p> <p>1. Site Mobilization: Conducting access surveys, obtaining required permits and approvals from relevant bodies such as Corporators, Forest Department, KDMC, and engaging in local liasoning including affected people due to construction, access routes, permission for cutting of small trees, bushes for making access etc. as required.</p> <p>2. Traffic and Access Management: Handling traffic arrangements and road access issues, particularly in narrow or congested areas, Highways etc.</p> <p>3. Protection of Existing Utilities and Structures: Ensuring the safety and integrity of nearby utilities and structures during execution.</p> <p>4. Temporary Facilities: Setting up temporary storage and shifting facilities to support site operations .</p> <p>5. Debris and Waste Management: Responsible disposal of dismantled materials, debris, garbage, surplus earth, and scrap as per applicable norms.</p> <p>8. Site Restoration and Reinstatement in terms Restoration of roads, encroachments, displaced walls and other affected built-up structures to their original or agreed-upon condition, including reuse of salvaged materials, disconnection and reconnection of regular water supply line, electric connectivity, sewage connectivity etc.as per site requirement. This includes preparation of drawings, location demarcation, obtaining owner concurrence, and preparing handover documentation.</p> <p>9. Stakeholder Compensation and Settlements: Managing compensation, rental settlements, dismantling and rebuilding affected structures and compensation to field owners or local stakeholders.</p>	1	AU		

4	4307205	<p>Site Enabling work to Tower location 139</p> <p>Provision of necessary services to facilitate the execution of civil foundation works for the proposed towers, including obtaining permissions from concerned authorities and stakeholders to ensure a smooth and disturbance-free working environment. The scope shall include, but not be limited to, the following activities as applicable:</p> <ol style="list-style-type: none"> <li>1. Site Mobilization: Conducting access surveys, obtaining required permits and approvals from relevant bodies such as Corporators, Forest Department, KDMC, and engaging in local liasoning including affected people due to construction, access routes, permission for cutting of small trees, bushes for making access etc. as required.</li> <li>2. Traffic and Access Management: Handling traffic arrangements and road access issues, particularly in narrow or congested areas, Highways etc.</li> <li>3. Protection of Existing Utilities and Structures: Ensuring the safety and integrity of nearby utilities and structures during execution.</li> <li>4. Temporary Facilities: Setting up temporary storage and shifting facilities to support site operations .</li> <li>5. Debris and Waste Management: Responsible disposal of dismantled materials, debris, garbage, surplus earth, and scrap as per applicable norms.</li> <li>8. Site Restoration and Reinstatement in terms Restoration of roads, encroachments, displaced walls and other affected built-up structures to their original or agreed-upon condition, including reuse of salvaged materials, disconnection and reconnection of regular water supply line, electric connectivity, sewage connectivity etc.as per site requirement. This includes preparation of drawings, location demarcation, obtaining owner concurrence, and preparing handover documentation.</li> <li>9. Stakeholder Compensation and Settlements: Managing compensation, rental settlements, dismantling and rebuilding affected structures and compensation to field owners or local stakeholders.</li> </ol>	1	AU			
5	4307206	<p>Site Enabling work to Tower location 140</p> <p>Provision of necessary services to facilitate the execution of civil foundation works for the proposed towers, including obtaining permissions from concerned authorities and stakeholders to ensure a smooth and disturbance-free working environment. The scope shall include, but not be limited to, the following activities as applicable:</p> <ol style="list-style-type: none"> <li>1. Site Mobilization: Conducting access surveys, obtaining required permits and approvals from relevant bodies such as Corporators, Forest Department, KDMC, and engaging in local liasoning including affected people due to construction, access routes, permission for cutting of small trees, bushes for making access etc. as required.</li> <li>2. Traffic and Access Management: Handling traffic arrangements and road access issues, particularly in narrow or congested areas, Highways etc.</li> <li>3. Protection of Existing Utilities and Structures: Ensuring the safety and integrity of nearby utilities and structures during execution.</li> <li>4. Temporary Facilities: Setting up temporary storage and shifting facilities to support site operations .</li> <li>5. Debris and Waste Management: Responsible disposal of dismantled materials, debris, garbage, surplus earth, and scrap as per applicable norms.</li> <li>8. Site Restoration and Reinstatement in terms Restoration of roads, encroachments, displaced walls and other affected built-up structures to their original or agreed-upon condition, including reuse of salvaged materials, disconnection and reconnection of regular water supply line, electric connectivity, sewage connectivity etc.as per site requirement. This includes preparation of drawings, location demarcation, obtaining owner concurrence, and preparing handover documentation.</li> <li>9. Stakeholder Compensation and Settlements: Managing compensation, rental settlements, dismantling and rebuilding affected structures and compensation to field owners or local stakeholders.</li> </ol>	1	AU			
<b>Sub-Total</b>							-
<b>GST @ 18%</b>							-
<b>Total (Including GST)</b>							-