

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

**GM/Elect** acting for and on behalf of The President of India invites E-Tenders against Tender No **RVNLMumbaiMetro2026-3** Closing Date/Time 23/06/2026 11:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

<b>Name of Work</b>	Civil Work of Transformer foundation, Equipment foundation, Internal road construction , Boundary Wall , Fire wall, Cabel trenching and allied works at BKC RSS (Approx 1.35KM) in connection with Mumbai Metro Line-2B of MMRDA at Mumbai Maharastra".		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Special Limited	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	23/06/2026 11:00	<b>Date Time Of Uploading Tender</b>	12/06/2026 11:24
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	129668832.88	<b>Tendering Section</b>	WORKS
<b>Bidding Style</b>	Single Rate for Each Schedule Item	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	2593400.00	<b>Validity of Offer ( Days)</b>	120
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	4 Months
<b>Contract Type</b>	Works - General	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	17/06/2026		
<b>Are JV allowed to bid</b>	No	<b>Number of JV Member Allowed</b>	0
<b>Are Consortium allowed to bid</b>	No	<b>Number of Consortium Member Allowed</b>	0
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule</b> () A-Execution of Transformer foundation, Equipment foundation, Internal road construction , Boundary Wall , Fire wall, Cabel trenching and allied works at BKC RSS							129668832.88	
1	a	5958.62	cum	719.80	4289014.68	AT Par	4289014.68	Above/ Below/P ar
	<b>Description:-</b> Excavation in all types of soils (for sewerage works),such as Earth, Marine clay, Marshy land, Running sand, Garbage, Slush, Murum, Rock boulders etc as directed by the engineer. The rate includes dewatering, backfilling, removing the rank vegetation and removing the excavated materials within a lead of 150M as directed including levelling, ramming,etc complete, and measured from the edge of cutting including all lifts and stacking in layers and removing the surplus excavated materials as directed for lift upto 2M{Records to be maintained properly}.The rate also includes supporting public utilities such as cables,drains,pipe water mains, but shall not include the cost of shoring etc as specified and directed. 1) The rate includes the handling/supporting the existing utilities such as cables, drains, pipes, water mains etc. 2) It also includes the royalty and other taxes if any.							
1	b	2283.36	cum	988.84	2257877.70	AT Par	2257877.70	Above/ Below/P ar
	<b>Description:-</b> -do-do- as per item R2-SE-1-1 for lift from 2m to 4.0m							
1	c	336.53	cum	1348.74	453891.47	AT Par	453891.47	Above/ Below/P ar
	<b>Description:-</b> -do-do- as per item R2-SE-1-1 for lift from 4m to 6.0m							
	a	7509.26	cum	212.40	1594966.82	AT Par	1594966.82	Above/ Below/P ar

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

2	<b>Description:-</b> "Add for lead upto 3 km including levelling. Note : 1.This lead will be admissible only within MCGM limits. The distance between centerlines shall be taken as the lead which shall be measured by the shortest route on the plan and not the actual route taken by the Contractor. Here Centerlines represents the center point (for area/mass excavation) and the center chainage for linear excavation. 2. The Engineer In Charge shall exclusively include these directions in the Tender/Bid document and the Tenders/Bidders shall be insisted to make the declaration of the dumping plot at the time of submission of Bid. 3. The Engineer In Charge shall take the quantity in account for the disposal only upto Municipal Limits for the Shortest Route and payment will be made as per the actual distance within municipal limit. The payment will be restricted to the shortest distance upto the Municipal limit for the plot identified outside the Municipal limit. 4. Prior Specific sanction of Head of Dept. should be taken if transportation is to be done at night for above items, (i.e. between 8.00 pm. to 6 am.) and the rate shall be reduced by 10%. This item will be operated/executed with the"							
3	a	202750.11	cum	43.66	8852069.80	AT Par	8852069.80	Above/ Below/P ar
	<b>Description:-</b> "Add for each additional lead of 1km beyond initial lead of 3km including levelling. Note : .This lead will be admissible only within MCGM limits. The distance between centerlines shall be taken as the lead which shall be measured by the shortest route on the plan and not the actual route taken by the Contractor. Here Centerlines represents the center point (for area/mass excavation) and the center chainage for linear excavation. 2. The Engineer In Charge shall exclusively include these directions in the Tender/Bid document and the Tenders/Bidders shall be insisted to make the declaration of the dumping plot at the time of submission of Bid. 3. The Engineer In Charge shall take the quantity in account for the disposal only upto Municipal Limits for the Shortest Route and payment will be made as per the actual distance within municipal limit. The payment will be restricted to the shortest distance upto the Municipal limit for the plot identified outside the Municipal limit. 4. Prior Specific sanction of Head of Dept. should be taken if transportation is to be done at night for above items, (i.e. between 8.00 pm. to 6 am.) and the" a. Upto 27km							
4	a	395.00	Shift	6058.12	2392957.40	AT Par	2392957.40	Above/ Below/P ar
	<b>Description:-</b> Removing body water from water mains etc. by means of pumps and discharging the same in nearest drain lines etc. complete as directed & as specified by Engineer In Charge.(Each shift shall been of 8 hours prorata payment will be made for part-shift. Minimum payment shall be made for one shift.) a. 30HP							
4	b	400.00	Shift	6498.26	2599304.00	AT Par	2599304.00	Above/ Below/P ar
	<b>Description:-</b> Removing body water from water mains etc. by means of pumps and discharging the same in nearest drain lines etc. complete as directed & as specified by Engineer In Charge.(Each shift shall been of 8 hours prorata payment will be made for part-shift. Minimum payment shall be made for one shift.) b. 10 HP							
4	C	810.00	Shift	5192.00	4205520.00	AT Par	4205520.00	Above/ Below/P ar
	<b>Description:-</b> Removing body water from water mains etc. by means of pumps and discharging the same in nearest drain lines etc. complete as directed & as specified by Engineer In Charge.(Each shift shall been of 8 hours prorata payment will be made for part-shift. Minimum payment shall be made for one shift.) C.05 HP							
5	a	252.90	cum	5577.86	1410640.79	AT Par	1410640.79	Above/ Below/P ar
	<b>Description:-</b> Providing and laying in position M-10 plain cement concrete to fill up loose pockets of foundations bed for making required levels, curing, annular fillingaround abutments, piers, columns for foundation.							
6	a	687.66	cum	11836.58	8139542.60	AT Par	8139542.60	Above/ Below/P ar
	<b>Description:-</b> "Providing & placing in position controlled Ready Mix Concrete of grade M- 40 in walls and deck slab above or below ground level at any height / depth by using Ordinary Portland Cement including Transportation anywhere in Mumbai including curing by any means etc complete as directed by Engineer-in-Charge. (Reinforcement & Formwork shall be paid separately).							
	a	99.01	MT	94494.40	9355890.54	AT Par	9355890.54	Above/ Below/P ar

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

7	<b>Description:-</b> Providing and fixing in position steel bars reinforcement of various diameters for R.C.C. pile, pile caps, footings,raft,retaining wall,shear wall, lift wall, foundations, slabs, beams, columns, canopies, staircases, newels, chajjas, lintels, pardies, coping, fins, arches, etc. as per detailed designs, drawings and bar bending schedules,including straightening, cutting, bending, hooking the bars, binding with wires or tack welding, supporting as required etc. all complete at all levels.Thermo-Mechanically Treated steel bars. (Fe 500 D)							
	b	64.16	MT	29157.80	1870764.45	AT Par	1870764.45	Above/ Below/P ar
7	<b>Description:-</b> Providing Fusion Bonded Epoxy Coating (FBEC) to reinforced bars of 8mm diameter as per IS: 13620-1993 specifications for a thickness of 175micron Permissible variation of 50 micron including testing of coating at plant, including cost for careful handling using PVC coating, binding wires instead of G. I. wires to and from Plant) touching up the material supplied repair work etc complete as per detailed specifications.							
	C	4.16	MT	19937.28	82939.08	AT Par	82939.08	Above/ Below/P ar
7	<b>Description:-</b> Providing Fusion Bonded Epoxy Coating (FBEC) to reinforced bars of 12mm diameter as per IS: 13620-1993 specifications for a thickness of 175micron Permissible variation of 50 micron including testing of coating at plant, including cost for careful handling using PVC coating, binding wires instead of G. I. wires to and from Plant) touching up the material supplied repair work etc complete as per detailed specifications.							
	d	3.07	MT	15467.44	47485.04	AT Par	47485.04	Above/ Below/P ar
7	<b>Description:-</b> Providing Fusion Bonded Epoxy Coating (FBEC) to reinforced bars of 16mm diameter as per IS: 13620-1993 specifications for a thickness of 175micron Permissible variation of 50 micron including testing of coating at plant, including cost for careful handling using PVC coating, binding wires instead of G. I. wires to and from Plant) touching up the material supplied repair work etc complete as per detailed specifications.							
	e	2.24	MT	12792.38	28654.93	AT Par	28654.93	Above/ Below/P ar
7	<b>Description:-</b> Providing Fusion Bonded Epoxy Coating (FBEC) to reinforced bars of 20mm diameter as per IS: 13620-1993 specifications for a thickness of 175micron Permissible variation of 50 micron including testing of coating at plant, including cost for careful handling using PVC coating, binding wires instead of G. I. wires to and from Plant) touching up the material supplied repair work etc complete as per detailed specifications.							
	a	51.87	MT	107233.68	5562210.98	AT Par	5562210.98	Above/ Below/P ar
8	<b>Description:-</b> "Providing, detailing, fabricating and fixing at desired location using hot rolled sections and MS Plates of grade Fe 250 as per specifications and approved fabrication drawings (which are to be prepared by Contractor and got approved from Engineer), transporting to site and erecting structural steel members for all heights & at all levels including provision of necessary erection bolts, fixing bolts, nuts, washers, cleats, stiffeners, gussets, base plate, and all necessary fixtures and operations like preheating as per specifications, straightening, bending, cutting,drilling, grinding, machining if specified, welding, grinding and removing the welding burr and preparing surface for painting with wire brush cleaning and applying two coats of epoxy red oxide zinc phosphate primer of 30 microns each and two coats of Epoxy Corrosion Resistant Enamel paint of 30 microns after fabrication including touching up with spray painting after erection etc complete as directed by Engineer In Charge. (The qty. for this item shall be measured for gusset plates, base plates, bolts in M.T.)"							
	a	972.23	cum	2872.12	2792361.23	AT Par	2792361.23	Above/ Below/P ar
9	<b>Description:-</b> Providing & Laying dry stone Rubble Soling with average 230 mm size hard stone set in regular lines, handpacked and interstices thoroughly filled with small chips including filling in with good quality murum brought from outside, compacting with iron rammers, watering, sand spreading 12mm thk. layer of grit on top etc complete as directed by Engineer In Charge. (Note: The rate includes the royalty and other taxes if any)							
	a	2678.35	cum	1224.84	3280550.21	AT Par	3280550.21	Above/ Below/P ar
10								

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

10								
	<b>Description:-</b> Filling in plinth, floors, trenches, pits with approved contractor's murum in layers not exceeding 200mm including breaking of clods, watering, consolidating each layer in filled up area by rolling and compacting with roller/ plate compactor as required to achieve not less than 97% modified proctor density conforming to relevant IS etc. complete as directed by Engineer In charge. The rate includes necessary soil testing charges at laboratory & field as per relevant I.S. codes, royalty, octroi and other taxes if any. (Note: Borrow areas selected by CONTRACTOR shall be got approved from Engineer In Charge, before executing the work)							
11	a	4554.00	Sqm	122.72	558866.88	AT Par	558866.88	Above/ Below/Par
	<b>Description:-</b> " Providing and fixing superior quality single leaf B.W.P. grade solid core flush door shutters of standard make conforming to IS:2202- 1991 (Part I & II) including one coat of primer, putty and 2 coats of synthetic enamel paint on both faces etc. with 12 mm thk teak wood lipping all around all around etc. complete (Hinges, aldrop & standard door hardware to be paid separately)" a. 35mm thick shutter							
12	a	10850.00	Sqm	462.56	5018776.00	AT Par	5018776.00	Above/ Below/Par
	<b>Description:-</b> Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating without box							
13	a	3408.00	Sqm	29.50	100536.00	AT Par	100536.00	Above/ Below/Par
	<b>Description:-</b> "Providing and laying 10 to 13mm thk. heavy duty, scratch resistant, high abrasion resistant vitrified tiles (Durastone of equivalent) conforming to I.S.15622 with special hard wearing layer and water absorbtion less than 0.08% for flooring of an approved, quality, make, pattern and size for flooring including cement mortar bedding of 25 mm thick in 1:4 proportion, cutting, leveling, jointing, filling the joints by neat cement slurry or approved colour grout, curing, finishing etc complete as directed by Engineer In Charge. "							
14	a	1880.00	RM	30.68	57678.40	AT Par	57678.40	Above/ Below/Par
	<b>Description:-</b> " Providing and laying polished natural stone strips upto 100mm wide as specified below (Machine cut) 25-30 mm. thick of an approved quality and size for paving /flooring including cement mortar bedding of 25 mm thick in 1:4 proportion, cement float, machine cutting, dressing, leveling, jointing, filling the joints with neat cement slurry or with required pigment, machine polishing at site, curing, finishing, etc complete as directed by Engineer In Charge." a."18 mm thk. Steel Gray Granite tiles/slab"							
15	a	1146.00	Sqm	37.76	43272.96	AT Par	43272.96	Above/ Below/Par
	<b>Description:-</b> "Providing and applying 6 mm thick internal ceiling plaster in cement mortar 1:3 with neeru finish at all heights and locations in single coat for concrete surfaces including scaffolding, hacking of concrete surface, watering, finishing, curing etc. complete. "							
16	a	1281.00	Sqm	37.76	48370.56	AT Par	48370.56	Above/ Below/Par
	<b>Description:-</b> "Providing and applying 12 mm thick internal plaster in cement mortar 1:3 with neeru finish at all heights and locations in one coat for masonry (except stone masonry) and concrete surfaces including racking out joints, hacking of concrete surface, watering, finishing, curing, scaffolding etc. complete."							
17	a	572.80	Sqm	47.20	27036.16	AT Par	27036.16	Above/ Below/Par
	<b>Description:-</b> " Providing and applying first coat of approved Waterproof primer, and two coats of waterproof acrylic based textured exterior paint of an approved make and colour as per manufacturers specifications to textured sand faced or other surfaces, upto 10m height from ground level and at all locations as directed including preparing surfaces for painting by any approved means, scaffolding, cleaning and curing etc. complete as directed by Engineer-in-charge. "							

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

18	a	3.00	Lumpsum	236000.00	708000.00	AT Par	708000.00	Above/ Below/P ar
<b>Description:-</b> Supply and installation of Motor								
19	a	3.00	Lumpsum	236000.00	708000.00	AT Par	708000.00	Above/ Below/P ar
<b>Description:-</b> Supply and installation electrical wire & fitting								
20	a	3.00	Lumpsum	236000.00	708000.00	AT Par	708000.00	Above/ Below/P ar
<b>Description:-</b> Supply and installation Plumbing Work								
21	a	1716.00	Sqm	88.50	151866.00	AT Par	151866.00	Above/ Below/P ar
<b>Description:-</b> " Providing and laying integral cement based treatment for water proofing on horizontal surface at all depth below ground level for under ground structures as directed by Engineer-in-Charge and consisting of : i) 1st layer of 22 mm to 25 mm thick approved and specified rough stone slab over a 25 mm thick base of cement mortar 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound conforming to IS:2645 in the recommended proportion over the leveling course (leveling course to be paid separately). Joints sealed and grouted with cement slurry mixed with water proofing compound. ii) 2nd layer of 25 mm thick cement mortar 1:3 (1 cement: 3 coarse sand) mixed with water proofing compound in recommended proportions. iii) Finishing top with stone aggregate of 10 mm to 12 mm nominal size spreading @ 8 cum/sqm thoroughly embedded in the 2nd layer. -Using rough kota stone of size 550 mm x 850 mm "								
22	a	1893.00	Sqm	70.80	134024.40	AT Par	134024.40	Above/ Below/P ar
<b>Description:-</b> " Providing and laying integral cement based treatment for water proofing on the vertical surface by fixing specified stone slab 22 mm to 25 mm thick with cement slurry mixed with water proofing compound conforming to IS:2645 in recommended proportions with a gap of 20 mm (minimum) between stone slabs and the receiving surfaces and filling the gaps with neat cement slurry mixed with water proofing compound and finishing the exterior of stone slab with cement mortar 1:3 (1 cement : 3 coarse sand) 20 mm thick with neat cement punning mixed with water proofing compound in recommended proportion complete at all levels and as directed by Engineer-in-charge : -Using rough Kota stone of size 550 mm x 850 mm"								
23	a	3.12	MT	367522.80	1146671.14	AT Par	1146671.14	Above/ Below/P ar
<b>Description:-</b> " Providing and Fixing of Foundation Bolts and nuts in RCC column / pedestal / beam at any level including maintaining the accuracy towards line, level & position including making and using the template etc. complete as directed by Engineer In Charge. (Contractor will take due care for its threads and rusting by applying grease and cotton waste. "								
24	a	31.60	RM	2468.56	78006.50	AT Par	78006.50	Above/ Below/P ar
<b>Description:-</b> "Providing, fabricating and fixing 1.0m high Cast Iron hand railing including decorative studs at regular interval, painting with one coat of red oxide zinc chromate primer and two coats of synthetic enamel paint etc complete as directed by Engineer In Charge. "								
25	a	3.72	MT	140181.64	521475.70	AT Par	521475.70	Above/ Below/P ar
<b>Description:-</b> Providing structural steel work in hollow section of various thickness and sizes in square,rectanular and roundshape from 25mm to 450 mm section as per IS 4923 YST 310 Grade produced from iron ore and blast furnace route etc.as per detailed designsand drawing or as directed includingcutting,fabricating, hoisting,erecting,fixinginposition, making riveted/ bolted/ welded connections and painting complete.								
	a	64.05	cum	8326.08	533285.42	AT Par	533285.42	Above/ Below/P ar

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

26	<b>Description:-</b> Providing and laying in position ready mixed plain cement concrete, using fly ash and cement content as per approved design mix from Engineer-in-charge and fly ash conforming to grade I of IS 3812 (Part-1) only be used as part replacement of OPC as per IS 456 and uniform blending with cement is to be ensured in accordance with clauses 5.2 and 5.2.1 of IS: 456- 2000 in the items of ready mixed concrete and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, including the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. M-15 grade plain cement concrete (cement content considered @ 240 kg/cum).							
	a	87.81	cum	11217.08	984971.79	AT Par	984971.79	Above/ Below/P ar
27	<b>Description:-</b> Providing and laying in position ready mixed design mix M-20 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying and the cost of centering, shuttering, finishing and excluding reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. The Mix design as per particular specifications shall be got approved by Engineer-in-Charge before execution of the item. The rate shall include cost of all specified materials and operations at all levels and heights, including the cost of centering, shuttering and and excluding reinforcement which shall be paid under relevant item. (Note :- Cement content considered in this item is @ 300 kg/cum as per IS 456 table showing minimum cement content. No extra will be paid nor any amount will recovered on account of variation of cement in mix design as per specifications for controlled concrete). Foundations, footings, bases of columns, rafts, pilecap							
28	a	260.00	Each	317.42	82529.20	AT Par	82529.20	Above/ Below/P ar
	<b>Description:-</b> Providing weep holes in Brick masonry/Plain/Reinforced concrete abutment, wing wall/return wall with 100 mm dia PVC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical specifications							
29	a	3075.06	Sqm	801.22	2463799.57	AT Par	2463799.57	Above/ Below/P ar
	<b>Description:-</b> Providing and applying 25 mm thick external sand faced cement plaster with neat cement rendering upto 10m from ground level and at all locations in cement mortar proportion specified below in two coats for masonry (except stone masonry) and concrete surfaces including providing water proofing compound to the first coat of plaster as per manufacturers specification, racking out joints, hacking of concrete surface, finishing, curing, scaffolding etc complete as directed By Engineer In Charge. Min. time lag between two coats shall be 24 hours. (as per IS 2402 of 1963.) In cement mortar 1:2							
30	a	1994.53	Metre	283.20	564850.90	AT Par	564850.90	Above/ Below/P ar
	<b>Description:-</b> Providing and fixing of cement concrete Kerb Stone of various grades of size:500 mm width x325 height x165 mm thick (Half Batter,BullNose/ Full Batter)manufactured inwet press vacuumdewatering technology plant / equivalentwith facepimple finish for high visibility with excellent quality and finishand edges perfect and sharp.Grade-M-25. Including excavationinanysoilexcept rock, layingalevelingcourseofM15grade RMC100mm. thick, torequireslope(inclusiveof formwork) jointing in C.M.1:2proportion flush toconcretesurface, paintingexposedsurface withonecoatofprimerandtwocoatsof1stgraderoadmarkingpaint in theyellow/white/black or any shadeas directed. (Kerbstones shall be procured from MCGM registered agencies).							
31	a	140.00	RM	69.62	9746.80	AT Par	9746.80	Above/ Below/P ar
	<b>Description:-</b> Providing applying Yellow & Black road marking paint grade-I in3-coats including single coat of approved brand primer after cleaning of old surfaceof kerbstonewithbrushingbywirebrushasper relevant I.S. codes to satisfaction of Engineer in charge etc. complete							
32	a	390.60	cum	2896.90	1131529.14	AT Par	1131529.14	Above/ Below/P ar

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

	<b>Description:-</b> " Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504 of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and technical specification. "							
	a	106.00	Sqm	1316.88	139589.28	AT Par	139589.28	Above/ Below/P ar
33	<b>Description:-</b> "Supplying, fabricating, transportation to site and Fixing Galvanized Chain Link Fencing of 10 gauge G.I. Mesh, sizes 50 x 50 mm diamond pattern, fixed 75 mm below finished ground level / coping, including providing and erecting ISA 50x50x6 angle posts @ 2.5m C/C with cross support at every 8th pole & at corners and 2 nos 6mm dia MS bars at top and bottom with necessary U hooks, nuts and bolts, washers, total height of fencing @ 2.0m above ground including embedding the angle post in concrete block of 0.45m x 0.45m x 0.6m of cement concrete M15 grade including necessary excavation, and cleaning, preparing the surface, applying one coat of red oxide zinc chromate primer and two coats of Synthetic Enamel paint of approved manufacture, brand, colour, shade etc. complete as directed by Engineer In Charge. (first coat of synthetic enamel paint after fabrication and second coat after erection including touching up the primer coat)"							
	a	10.80	Sqm	4321.16	46668.53	AT Par	46668.53	Above/ Below/P ar
34	<b>Description:-</b> "Providing, detailing, and fabricating as per specifications, transporting to site and erecting Openable Entrance Gates fabricated using B Class GI Hollow pipes including track and wheel, locking arrangement, fixing bolts, nuts, washers, cleats, stiffeners, gussets and all necessary operations like straightening, bending, cutting, drilling, grinding, machining if specified, welding etc. complete weighing 18 to 20kg/Sqm, including cleaning, Grinding and removing the welding burr and preparing surface and applying one coat of red oxide zinc chromate primer and one coat of Synthetic Enamel paint after fabrication and second coat of Synthetic Enamel paint after erection, with approved colour, shade and brand etc. including touching up with primer etc. complete as directed by Engineer In Charge."							
	a	90.00	Each	1900.98	171088.20	AT Par	171088.20	Above/ Below/P ar
35	<b>Description:-</b> " Drilling with core cutting machine in RCC slabs, walls etc.wherever required in buildings, manholes,ducts, water tanks, pits etc. for laying pipes,sleeves and making good the same to give an even finish . The rate shall include the cost of drilling core, providing EPOXY based water proofing compound for sealing the joints around the pipes, nominal reinforcement wherever required,scaffolding and labour charges for working at all levels ,leads and heights . (Maximum thickness of RCC members shall be 300mm) and as directed by Engineer-In-Charge." a. Above 200 mm to 250mm dia							
	a	79.00	RM	1423.08	112423.32	AT Par	112423.32	Above/ Below/P ar
36	<b>Description:-</b> "Providing and lowering in trenches HDPE Pipe Conforming to ISO 4427 of 1996, manufactured from virgin resin of PE-80 food grade compounded raw material having blue colour only with quality assurance certificate from quality agencies like CIPET(India) / DVGM / KIWA / SPGN / WRC etc. for usage in drinking water system. The cost shall include testing of all materials, labour, excluding all taxes (Central, State and Municipal), inspection charges, transportation up to site, transit insurance, loading, unloading, stacking, providing and fixing etc complete in all respect and as directed by Engineer In-Charge. Note : :Only MCGM approved brands shall be used. Note : (2) Rebate for salvation cost of old pipe has been considered and old pipes may be removed by the contractors as directed." a. 110 mm							
	a	687.00	RM	3919.96	2693012.52	AT Par	2693012.52	Above/ Below/P ar
37	<b>Description:-</b> "Providing Laying and lowering in trenches HDPE Pipe confirming to IS 4984, manufactured from virgin resin of PE- 100 food grade raw material having black colour with blue strips only with quality assurance certificate from quality agencies like CIPET(India) / DVGM / KIWA / SPGN / WRC etc. for usage in drinking , labour, excluding all taxes (Central, State and Municipal), inspection charges, transportation up to site, transit insurance, loading, unloading, stacking, etc. complete as specified &directed. Note : :Only MCGM approved brands shall be used." a.250 mm dia							
	a	422.00	RM	1236.64	521862.08	AT Par	521862.08	Above/ Below/P ar
38								

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

	<b>Description:-</b> "Supplying HDPE Pipe Conforming to ISO 4427 of 1996, manufactured from virgin resin of PE-80 food grade compounded raw material having blue colour only with quality assurance certificate from quality agencies like CIPET(India) / DVGM / KIWA / SPGN / WRC etc. for usage in drinking water system. The cost shall include testing of all materials, labour, excluding all taxes (Central, State and Municipal), inspection charges, transportation to the directed municipal establishment, transit insurance, loading, unloading, stacking etc complete in all respect and as directed by Engineer In-Charge. Note :Only MCGM approved brands shall be used." a. 110 mm dia							
39	a	189.74	cum	2656.18	503983.59	AT Par	503983.59	Above/ Below/P ar
	<b>Description:-</b> Supply & filling sand metal, GRAVELLY SAND, corresponded to CLASS II/ CLASS III GRADING of TABLE 100.1 of BMC road specifications for roadworks in trenches upto required depth & watering, ramming etc. complete as directed							
40	a	393.00	Numbers	2124.00	834732.00	AT Par	834732.00	Above/ Below/P ar
	<b>Description:-</b> Supplying and fixing Drain cover a.1800*450 -176 rmt							
40	b	88.00	Numbers	1475.00	129800.00	AT Par	129800.00	Above/ Below/P ar
	<b>Description:-</b> Supplying and fixing Drain cover b.1200*600 - 39 rmt							
41	a	208.00	RM	6513.60	1354828.80	AT Par	1354828.80	Above/ Below/P ar
	<b>Description:-</b> "Providing and Casting RCC bored cast in-situ Vertical as per IS 2911 (Part 1, Section 2) by boring through all kinds of soils/ Sand /Rock by rotary hydraulic rigs using temporary casing up to stable strata / bentonite mud circulation as specified, from tip to cut-off elevation of piles. Reinforced Cement Concrete work of filling the bore (after placement of reinforcement cage as per drawing) with M25 grade Ready Mix Concrete using 43 Grade Ordinary Portland Cement confirming to IS : 8112, of approved make and brand with minimum cement content of 400 kg/m3 and with water -cement ratio, including the water contained in aggregates (10mm to max 20mm size), not exceeding 0.45, with approved plasticizer as specified, including placing of concrete from tip to minimum of 600mm above the specified cut-off level, breaking pile head to cutoff level and exposing pile reinforcement for embedment in pile cap, Disposing & levelling of bored/excavated material suitably at locations approved by the local authorities including all lead and lifts, all complete for piles having diameter of (Pile will be measured for payment for length between pile tip to cut-off level along the pile axis. Reinforcement shall be paid separately)" a. 600MM							
41	b	208.00	RM	332.76	69214.08	AT Par	69214.08	Above/ Below/P ar
	<b>Description:-</b> "Providing and Casting RCC bored cast in-situ Vertical as per IS 2911 (Part 1, Section 2) by boring through all kinds of soils/ Sand /Rock by rotary hydraulic rigs using temporary casing up to stable strata / bentonite mud circulation as specified, from tip to cut-off elevation of piles. Reinforced Cement Concrete work of filling the bore (after placement of reinforcement cage as per drawing) with M25 grade Ready Mix Concrete using 43 Grade Ordinary Portland Cement confirming to IS : 8112, of approved make and brand with minimum cement content of 400 kg/m3 and with water -cement ratio, including the water contained in aggregates (10mm to max 20mm size), not exceeding 0.45, with approved plasticizer as specified, including placing of concrete from tip to minimum of 600mm above the specified cut-off level, breaking pile head to cutoff level and exposing pile reinforcement for embedment in pile cap, Disposing & levelling of bored/excavated material suitably at locations approved by the local authorities including all lead and lifts, all complete for piles having diameter of (Pile will be measured for payment for length between pile tip to cut-off level along the pile axis. Reinforcement shall be paid separately)" b. "Extra over rate for items CS-PLG-1 & 2 for using M40 instead of M 25"							
42	a	1300.00	Metre	13221.14	17187488.24	AT Par	17187488.24	Above/ Below/P ar
	<b>Description:-</b> Excavation for trenches and trenches under Road crossing and laying of HDPE Pipes , Shoring and shuttring and hard barrication fixing (if required) as per approved drawings with proper, de-watering arrangement & sufficient clearances from all sites . Excavation in all types of soil - hard murrum, earth rock, debris, backfilled earth, where underground service lines are likely to be present, demolishing PCC/brick work/rubble masionary encountererd while making the trenches, disposal of excavated earth within 24 hours. Laying of PCC bed and HDPE pipes & erecting side tiles approved trench drawing. Backfilling with (sand metal mix) ,Warning tape, Top will be Reinstated with Soling & Compaction , Asphalt,& PCC M 20 or Satutory requirement on Top Crossing drawing complete. (For Double Circuit) Trench Cross sectionDrawings shall be prepared by Bidder as per Specifications and approved by Owner.							



**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

43	a	10.04	Kilometre	403681.99	4052967.16	AT Par	4052967.16	Above/ Below/P ar
<b>Description:-</b> "Services for un-coiling & laying 110 kV, 630 Sq.mm XLPE insulated cablen and 4 core Fo cable for Distributed Temperature Sensing system as per approved drawing, & specification in open trench & through HDPE pipe laid along the route,including Loading from store ,transportation,unloading at site , returning cable drum to tata power warehouse/ RVNL store ,Running Meter its from concern authority ,trefoil foRunning Meteration ,phase marking complete with Closing of Cutouts with Fire Sealing materials and providing Fire retardant paint over the 110KV Cables .(Note:-110 KV cable will be supplied by RVNL) "								
44	a	700.00	Numbers	8073.64	5651549.82	AT Par	5651549.82	Above/ Below/P ar
<b>Description:-</b> Supply of HDPE pipes for EHV cable (OD 200 mm & 5 mtr length)								
45	a	4.00	Numbers	576688.56	2306754.24	AT Par	2306754.24	Above/ Below/P ar
<b>Description:-</b> "Services for construction of cable jointing chamber (RCC types) along with Below ground Earth mat with copper flat/ copper bare conductor (along with supply of material as per specification) for Joint bay of suitable dimensions as mutually agreed for 1 circuits i.e., 3 no of cable with link boxes, earthing as per approved drawing of TATA Powerand MMRDA specifications. Including supply & filling submerged (Including supply and filling of Sand) [10.0 mtr]"								
46	a	100.00	Per Day	17300.66	1730066.44	AT Par	1730066.44	Above/ Below/P ar
<b>Description:-</b> "Services for de-watering & channelizing the leakage suitably (Bailing out of water using engine & pump of capacity minimum 4000 litres per hour set including coveyance to the site & erection, cost of fuel, lubricating oil & other stores, pay staff etc., or manual de-watering) complete(If Required)"								
47	a	6.00	Numbers	51901.98	311411.89	AT Par	311411.89	Above/ Below/P ar
<b>Description:-</b> Supply of Three Phase link box with SVL for cross bonding								
48	a	300.00	Metre	576.69	173006.88	AT Par	173006.88	Above/ Below/P ar
<b>Description:-</b> Supply of Coaxial Cable along with Lugs and Connectors								
49	a	38.00	Numbers	34601.32	1314850.05	AT Par	1314850.05	Above/ Below/P ar
<b>Description:-</b> Supply of Single Phase link box with SVL and with out SVL for sheath bonding.								
50	b	6.00	Numbers	28834.43	173006.60	AT Par	173006.60	Above/ Below/P ar
<b>Description:-</b> Services for OFC splicing & termination								
51	a	2.00	Each	28834.43	57668.87	AT Par	57668.87	Above/ Below/P ar
<b>Description:-</b> Construction of FO cable hand hole								
52	a	150.00	Numbers	1730.06	259508.55	AT Par	259508.55	Above/ Below/P ar
<b>Description:-</b> Suplpy of 110 KV 630 Sqmm Cable Cleats								
53	a	5.00	MT	115337.72	576688.60	AT Par	576688.60	Above/ Below/P ar
<b>Description:-</b> Supply of Galvanised Steel structure for cable cleating arrangement								
54	a	1.00	Numbers	115337.72	115337.72	AT Par	115337.72	Above/ Below/P ar
<b>Description:-</b> Supply of Fiber termination panels								
55	a	4.00	Numbers	23067.55	92270.19	AT Par	92270.19	Above/ Below/P ar

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

	<b>Description:-</b> Supply of FOP joint boxes							
56	a	7000.00	Numbers	461.36	3229494.80	AT Par	3229494.80	Above/ Below/P ar
	<b>Description:-</b> Supply of cable tiles							
57	a	8.00	Numbers	57668.85	461350.83	AT Par	461350.83	Above/ Below/P ar
	<b>Description:-</b> Supply of FO termination kit							
58	a	1.00	Lumpsum	519019.71	519019.71	AT Par	519019.71	Above/ Below/P ar
	<b>Description:-</b> Transportation of cable and other required items							
59	a	12.00	Numbers	57668.85	692026.25	AT Par	692026.25	Above/ Below/P ar
	<b>Description:-</b> Services for installation of straight joint/cross bonding joint of 110 kV UG cable.							
60	a	22.00	Numbers	57668.85	1268714.78	AT Par	1268714.78	Above/ Below/P ar
	<b>Description:-</b> Services for installation of GIS/Outdoor termination of 110 kV UG cable							
61	a	5200.00	Metre	173.01	899660.32	AT Par	899660.32	Above/ Below/P ar
	<b>Description:-</b> Services for 40 mm dia duct for 48F optical fibre cable complete							
62	a	1.00	Numbers	5766.90	5766.90	AT Par	5766.90	Above/ Below/P ar
	<b>Description:-</b> Services for termination rack for 48F optic fibre cable complete							
63	a	8.00	Set	5766.90	46135.17	AT Par	46135.17	Above/ Below/P ar
	<b>Description:-</b> Services for FO Termination box							
64	a	4.00	Set	5766.90	23067.58	AT Par	23067.58	Above/ Below/P ar
	<b>Description:-</b> Services for Joint box for FO cable							
65	a	800.00	Metre	1960.75	1568597.60	AT Par	1568597.60	Above/ Below/P ar
	<b>Description:-</b> C C Road Cutting with Diamond cutter over & above excavation (Considering 2 sides of cutting portion as 1 mtr )							
66	a	44.00	Numbers	1153.38	50748.68	AT Par	50748.68	Above/ Below/P ar
	<b>Description:-</b> Installation of 1-phase and 3- Phase Link Boxes in Termination including sheath earthing							
67	a	5.00	MT	17300.66	86503.32	AT Par	86503.32	Above/ Below/P ar
	<b>Description:-</b> Installation of Fabrication of Structural Steel for cable cleating arrangement							
68	a	1.00	Lumpsum	529488.57	529488.57	AT Par	529488.57	Above/ Below/P ar
	<b>Description:-</b> Testing & Commisioning for 2nos circuits of 110 Kv 630 Sqmm.							
69	a	2.68	Kilometre	230675.43	618210.14	AT Par	618210.14	Above/ Below/P ar
	<b>Description:-</b> "Services for un-coiling & laying optical fibre cable 4 Runs of 48 Core Fibre of specified type along the cable trench through HDPE pipe as per approved drawing & specification including Loading from store ,transportation,unloading at site , returning cable drum to tata power warehouse ,permits from concern authority , labour charge complete, Tests as per Tata Power/KEC requirement.(Consider 2 Runs /ckt as 1 KM )							

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

70	a	7000.00	Numbers	230.68	1614747.40	AT Par	1614747.40	Above/ Below/Par
	<b>Description:-</b> "Services for laying of tiles 660x500x60 mm complete (including shifting, transportation and laying in trench)."							
71	a	200.00	Metre	1614.73	322945.70	AT Par	322945.70	Above/ Below/Par
	<b>Description:-</b> Supply of HDPE pipes for HDD (OD 250 mm)							
72	a	1300.00	RM	288.34	374848.24	AT Par	374848.24	Above/ Below/Par
	<b>Description:-</b> "Detailed surveying of the Cable route along the alignment fixed by the owner & preparation of profile drawing for cable laying and preparation of final cable route in 6 sets of hard & soft copy in a scale of 1:10 indicating the position of cable jointing chambers, earthing details, position of cable route marker, land marks etc., after completing the work & energizing for the use of permanent record, GPS mapping of utilities to be indicated in the drawing complete. (Based on preliminary route survey, total route length 1500 m)"							
73	a	5200.00	Metre	115.35	599794.00	AT Par	599794.00	Above/ Below/Par
	<b>Description:-</b> Supply of HDPE pipes for FO cable (dia 40 mm)							
74	a	1.00	Lumpsum	1180000.00	1180000.00	AT Par	1180000.00	Above/ Below/Par
	<b>Description:-</b> Supply and installation of the ,Lighting fixtures, Distribution boards at BKC RSS building.							

### 3. ITEM BREAKUP

No item break up added	
------------------------	--

### 4. ELIGIBILITY CONDITIONS

#### Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per the Bid document	No	No	Allowed (Mandatory)

#### Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per the Bid document	No	No	Allowed (Mandatory)

### 5. COMPLIANCE

#### Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	1.Quoted Price shall including GST and Freight, loading, unloading, Incidental Charges,Tolls, Insurance, etc.	No	No	Allowed (Mandatory)
2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

#### General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please refer attached Bid Document for details.	No	No	Not Allowed

**PIU-MUMBAI-ELECTRICAL/RVNL  
TENDER DOCUMENT**

**Tender No:** RVNLMumbaiMetro2026-3

**Closing Date/Time:** 23/06/2026 11:00

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please refer attached Bid Document for details.	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Firm should submit work completion certificates, performance certificates of similar works of Execution of Civil works and trenching work pertaining to Pilling, concreting, internal road works and Trench works in any Railway/Metro , BMC Projects along with bid.	No	No	Allowed (Mandatory)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please refer attached Bid Document for details.	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	drawingspart3.pdf	Drawings part3
2	Vol1dtd11062026compressed.pdf	Bid Document Volume I
3	VOL2BIDdocument.pdf	Bid Document Volume II
4	Drawingspart1.pdf	Drawings part1
5	Drawingspart2.pdf	Drawings part2

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** LALIT MOHAN PAPNOI

**Designation :** GM/Elect