

MUMBAI PORT AUTHORITY
CIVIL ENGINEERING DEPARTMENT

Tender No.E-76/2023
Raising of compound wall at BDLB plot, Govandi

Bill of Quantity and Rates

Item No.	Qty.	In Unit	Item Description	Rate Excl. GST	Per	Amount in Rs
1	13	qtl	Dismantling steel work in single sections in R.S.J.s, channels, angles, 'T's and flats including dismembering and stacking within a lead of 100 Mtrs. complete as directed.	257.00	qtl	3,341.00
2	170	cum	Providing brick masonry Set in cement mortar (1:4) in superstructure upto floor two level with conventional/ IS type bricks of greater than one brick thickness including scaffolding, watering etc. complete as directed.	6061.00	cum	1,030,370.00
3	50	cum	Providing siporex block masonry with siporex blocks of any size and thickness set in Cm (1:4) of approved manufacturer including scaffolding watering etc. complete as directed for superstructure upto floor two level.	9024.00	cum	451,200.00
4	2000	sqm	Sand faced cement and sand plaster (1:3) 20 mm thick in 2 coats, externally upto a height of 10 Mtrs. above ground level including raking out mortar from joints of masonry to a depth of 20 mm and roughening the concrete surface inclusive of raised bands, architectural finishing, vatas wherever necessary including scaffolding, curing etc. complete as directed.	625.00	sqm	1,250,000.00
5	10	cum	Demolishing or dismantling stone masonry/ brick masonry or cement concrete carefully upto required height and staking useful materials and transporting debris out of MbPT estate complete in all respect as directed.	2015.00	cum	20,150.00
6	37	cum	Providing & laying Cement concrete (1:1.5:3) or M20 grade in RCC members including cost of consolidating, watering, curing etc. complete as directed but excluding reinforcement in moulded copings and the like upto floor two level including form work	10721.00	cum	396,677.00

Item No	Qty.	In Unit	Item Description	Rate Excl. GST	Per	Amount in Rs
7	16	qtl	Providing & fixing high yield strength (conforming to IS) deformed steel bars reinforcement upto floor two level for RCC members including cutting, bending, placing in position, binding complete as directed (binding wire will not be payable).	6355.00	qtl	101,680.00
8	500	sqm	Providing and fixing pre-painted Al-zinc alloy coated (Galvalum) steel sheets of average 0.5 mm thick including ridges trapizoidal profile as approved in roofing, ridges and cladding manufactured by M/s.Bhushan steel/ M/s.JSW steel/ M/s.Essar steel or equivalent as approved by Engineer In-charge with all necessary fixtures and fastenings inclusive of scaffolding etc. complete as directed. Note: Ridges shall be measured and paid in Sq.M.	1119.00	sqm	559,500.00
9	2	Cu.M	Demolishing cement concrete (1:3:6) or richer mix including stacking the material and trasporting the material outside the MBPT estate etc. complete as directed.	1577.00	Cu.M.	3,154.00
10	2	Cum	Demolishing RCC work including chajjas, columns, beams, hume pipe tanks etc . including stacking of steel bars and unserviceable materials separately within a lead of 100 Mtrs. complete as directed.	2697.00	Cum	5,394.00
11	60	Sq.M.	Providing and laying dry stone rubble packing 150 mm thick including filling interstices with small pieces of stone chips, thoroughly ramming, watering, consolidating etc. complete.	359.00	Sq.M.	21,540.00
12	6	Cu.M.	Providing and laying cement concrete (1:2:4) or M 15 grade for foundation and plinth etc. including cost of curing, formwork etc. complete as directed.	6285.00	Cu.M.	37,710.00
13	10	Cu.m.	Providing Random rubble masonry above ground level with trap stone, set in cement mortar (1:6) including scaffolding, curing etc. complete.	4704.00	Cu.m.	47,040.00
14	100	Sqm	Tuck pointing in cement mortar (1:3) to stone masonry upto a height of 10 Mtrs. above ground level etc. complete as directed.	360.00	Sqm	36,000.00
15	50	qntls.	Steelwork in single sections viz. flats, 'T's, angles and channels, etc. including cutting, hoisting, fixing in position by welds or bolts / split bolts and applying two coats of approved synthetic enamel paint over a coat of anti-corrosive zinc chromate primer (yellow) to the entire steel work complete.	7089.00	qntl.	354,450.00

Item No	Qty.	In Unit	Item Description	Rate Excl. GST	Per	Amount in Rs
16	10	qtl	Repairing and re-fixing the existing steel work of any section including welding, cutting fixing in position by welds and applying one coat of anti-corrosive zinc chromate (yellow) primer and two coats of synthetic enamel paint to entire steel work etc. complete as directed.	2726.00	qtl	27,260.00
17	14700	M	Providing and fixing G.I.10 gauge barbed wire 100 mm point horizontal strand at 150 mm pitch in each bay including anchoring the wire suitably to the fastenings of M.S. angle iron post etc. complete as specified and as directed	22.73	M	334,131.00
18	1600	Mtr	Providing and fixing concertina coil fencing 610 mm dia. with 26/27 SWG barbed concertina strips 19 mm width and turn circles of 80 Nos. coil in 8 to 9 Mtrs. length with 200 Nos. of stainless steel clips etc. complete as directed.	249.00	Mtr	398,400.00
19	275	Cu.M.	Transporting the surplus excavated material, stones, debris, kutchra etc. from MbPT estate including loading & taking away the materials anywhere outside MbPT Estate etc. complete as directed.	564.00	Cu.M.	155,100.00
20	5500	sqm	Two coats of waterproof cement paint of approved brands/ manufacture and shade on previously cement painted wall surface to give an even shade including removing flaky and loose matter, thoroughly scraping, cleaning, making even and preparing the surface complete as directed. Using brands like Colourcem/ Nitcocem/ Durocem or other conforming to IS:5410/1969	86.00	sqm	473,000.00
Total Amount "A" Rs.						5,706,097.00

Tenderers are requested to Quote their Percentage Rate in the attached Excel file (.xls)

- 1 Tenderers are advised in their own interest to inspect the site of work before tendering.
- 2 The quantities given above in the Schedule of Quantities and Rates are approximate and are furnished for the guidance of the tenderers.

The work is of top priority and the contractors are required to commence the work immediately upon the receipt of work order /release of site.

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- 4 No materials will be supplied to contractor by this Port Authority and contractor will have to make his own arrangement for procurement of all material, tools etc. required for this work. The contractor will include the all material, tools, tackles, plant & equipment etc. in the tendered amount while quoting for the work.