

**MUMBAI PORT AUTHORITY**  
**Civil Engineering Department**  
**Tender No. 59/2022**

**Repairs and other allied works to the compound wall at Officers Colony, Colaba.**

**Schedule of Quantites and Rates**

Sr. No.	Qty.	In Unit	Items	Rate incl. in `	per	Amount In Rs.
1	700	Sq.m.	Removing existing plaster carefully for RCC/Brick work including removing wall fixtures, scaffolding etc. complete as directed.	142.00	Sq.m.	99,400.00
2	800	Sq.m	Removing existing chain link fencing upto any height and stacking the material upto 100m etc. complete as directed.	347.00	Sq.m	277,600.00
3	120	Qntl.	Dismantling steel work in single sections in R.S.J.s, channels, angles, 'T's, and flats including concertina coil & dismembering and stacking within a lead of 100 Mtrs. Complete as directed.	257.00	Qntl.	30,840.00
4	110	Cu.m.	Demolising cement concrete (1:3:6) or richer mix in superstructure including stacking of materials for disposal within 100 Mtrs. Lead complete as directed.	1,577.00	Cu.m.	173,470.00
5	115	Sq.m.	Removing existing RCC jalli work carefully and stacking the same etc. complete as directed.	142.00	Sq.m.	16,330.00
6	100	Cu.m.	Providing brick masonry set in cement mortar 1:4 with conventional/ IS type brick of greater than one brick thickness in superstructure at any height including scaffolding, watering etc. complete as directed.	6,061.00	Cu.m.	606,100.00
7	75	Cu.m.	Providing Ramdom rubble masonry above ground level with trap stone, set in cement mortar (1:6) including scaffolding, curing etc. complete.	4,704.00	Cu.m.	352,800.00
8	15	Cu.m.	Providing Random rubble masonry with trap stone, in pillars, above ground level, set in cement mortar (1:6) including bailing out water manually, scaffolding, curing etc. complete as directed.	5,588.00	Cu.m.	83,820.00
9	800	Sq.m.	Providing and fixing GI chain link fencing made up of 10 guage wire 25 x 25 mm opening, hot dipped galvanised, fixing the same with approval 'U' clips to m.s. angles etc. complete as directed.	509.00	Sq.m.	407,200.00
10	180	Qntl.	Steel work in single section R.S. joints, flats, 'T's, angles, plates & channels etc. including cutting, hoisting, fixing in position by welds or bolts & applying two coats of approved synthetic enamel paint over a coat of anti-corrosive zinc chromate primer (yellow) to the entire steel work complete as directed.	7,089.00	Qntl.	1,276,020.00
11	825	Sq.m.	Providing and fixing concertina coil fencing 610 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	Sq.m.	205,425.00

Sr. No.	Qty.	In Unit	Items	Rate incl. in `	per	Amount In Rs.
12	4225	Mtr.	Providing and fixing barbed wire 02 12 SWG 100 mm points, horizontal strands at 150mm pitch two diagonal strands in fencing with necessary fitting and fastening etc. complete as directed.	19.00	Mtr.	80,275.00
13	13	Qntl.	Reusing structural steel as per site requirement etc. complete as directed.	2,825.00	Qntl.	36,725.00
14	133	Cu.m.	Cement concrete (1:1.5:3) or M20 grade including form work cost of curing etc. complete as directed in cement concrete walls with attached pilasters in foundations etc.	8,043.00	Cu.m.	1,069,719.00
15	700	Sq.m.	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	Sq.m.	437,500.00
16	600	Sq.m.	Flush pointing in cement mortar (1:3) to stone work upto a height of 10 Mtrs. above ground level etc. complete as directed.	209.00	Sq.m.	125,400.00
17	115	Sq.m.	Providing & fixing pre-cast cement concrete (1:2:4) jalli of 50mm thick approved design with nominal reinforcement including finishing and fixing complete.	801.00	Sq.m.	92,115.00
18	500	Sq.m.	Earthwork in surface excavation in dense or hard soil not exceeding 30 Cm. in depth but exceeding 1.5 Mtrs. in width as well as 10 Sq.M. on plan including clearing of rank vegetation, bailing out water & stacking the surplus excavated materials within a lead of 100 Mtrs. etc. including cost of fencing, lighting & watching etc. complete as directed.	38.00	Sq.m.	19,000.00
19	65	Cu.m.	Excavation upto 1.5 Mtrs. depth in Dense or hard soil in trenches for foundations/ drains/ pipes/ cables etc. not exceeding 1.5 Mtrs. in width including dressing of sides & ramming the formation, clearing of rank vegetation & bailing out water, re-filling the excavated material wherever directed and consolidating the same including stacking the surplus excavated materials within a lead of 100 Mtrs. etc. including cost of fencing, lighting & watching etc. complete as directed.	607.00	Cu.m.	39,455.00
20	140	Sq.m.	Providing & laying 150mm thick dry stone rubble packing in foundation etc. of building including filling interstices with small pieces of stone chips, thoroughly ramming, watering, consolidating etc. complete as directed.	359.00	Sq.m.	50,260.00

Sr. No.	Qty.	In Unit	Items	Rate incl. in `	per	Amount In Rs.
21	5000	Sq.m.	Providing and applying two coats of weatherproof exterior emulsion of brand Apex/ Excel Acrylic/ Weather Coat/ Outshine Acrylic manufactured by Asian/ Goodlass Nerolac/ Berger/ Nitco over a coat of exterior wall primer on wall surfaces to give an even shade including scrapping, cleaning, removing loose particles/ dust/ grease/ moss etc. with necessary scaffolding etc. complete as directed.	160.00	Sq.m.	800,000.00
22	10	Cu.m.	Providing & laying Cement concrete (1:2:4) or M15 grad including formwork in foundation and cost of curing etc. complete as directed.	6,285.00	Cu.m.	62,850.00
23	16	Qntl.	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).	6,355.00	Qntl.	101,680.00
24	300	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.	169,200.00
25	11000	Kg	Rebate for taking away material, structural steel. (MSTC OCT.2021, Auction No.17868 - 41000/MT)	-68.00	Kg	<b>-748,000.00</b>
<b>Total</b>						<b>5,865,184.00</b>

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.
- 3 The work is of top priority and the contractors are required to commence the work immediately upon the receipt of work order.
- 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 cost of all material, tools, tackles plant & equipment etc. in the tendered amount while quoting for the work.