

**MUMBAI PORT AUTHORITY**

**Civil Engineering Department**

**Tender No:11/2024**

**Desilting the storm water drains in the jurisdiction of GWND & GWSD for a period of one year (2024-25).**

**PART C**

**PART VIII – ROADS outside Docks, GWSD**

**BILL OF QUANTITIES & RATES**

<b>Sr. No.</b>	<b>Qty.</b>	<b>In Unit</b>	<b>Items</b>	<b>Rate excl. GST In Rs.</b>	<b>per</b>	<b>Amount in Rs.</b>
1	200	Nos.	Cleaning thoroughly man-holes of storm water drain of any size, shape & depth by removing silt and debris etc. including pumping out water or plugging if necessary and removing and refixing manhole cover etc. complete as directed.	656.00	Each	131,200.00
2	500	Nos.	Cleaning thoroughly water gullies of any size, shape & depth by removing silt and debris etc. including cleaning of pipe drain from man-hole to water gullies with de-watering if necessary including removing and refixing water gully cover etc. complete as directed.	631.00	Each	315,500.00
3	5000	Sq.m.	Earthwork in surface excavation in loose or soft soil not exceeding 30 Cm. in depth but exceeding 1.5 Mtrs. in width as well as 10 Sq.M. On road surface water table foot-path and anywhere as directed 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.	33.00	Sq.m.	165,000.00
4	5	Nos.	Providing, fabricating and fixing in position watergully grating with steel frame made from structural steel members and grating made up of used rails (to be supplied by MbPT free of cost) for drain etc. complete as specified and as directed (Note: Rate shall be inclusive of transporting the old rails from MbPT Store i.e. any where in MbPT estate).	9,646.00	Each	48,230.00

Sr. No.	Qty.	In Unit	Items	Rate excl. GST In Rs.	per	Amount in Rs.
5	1000	Cu.m.	De-silting of storm water drains, open/dhapa drains, surface drains of any size including removing and re-fixing RCC covers, removal of silt/ mud etc. and stacking the spoil within 50 m lead etc. complete as directed.	656.00	Cu.m.	656,000.00
6	150	Nos.	Cleaning thoroughly chambers connected to lavatory blocks and cleaning thoroughly pipe drain connected to latrine drainage system up to first M/H etc. complete as directed.	1,257.00	Each	188,550.00
7	15	Nos.	Removing carefully the damaged man-hole inspection chamber, water gully frame and cover and transporting the same to the sectional office of MbPT as directed etc. complete.	385.00	Each	5,775.00
8	100	Hrs.	Supply on hire JCB for loading, levelling, removing silt from open dhapa drain at various locations, including necessary fuel, operator and removing/re-fixing dhapas etc. complete as directed. (Stoppage of JCB for more than 5 minutes twice in shift shall be considered as non-working period).	839.00	Hrs.	83,900.00
9	1300	Cu.m.	Transporting the desilted material, stones, debris, kutchra etc. removed from cleaning the manholes / watergullies / dhapadrain etc. from MbPT estate including loading & taking away the materials anywhere outside MbPT Estate etc. complete as directed.	564.00	Cu.m.	733,200.00
10	100	Pump working hours	Pumping out water from water logged area upto 4 Mtrs. depth from ground level and discharging of the water through hose to the nearest water gully/ man-hole/ drain complete as directed (Pumping capacity up to 5 H.P. & discharge should not be less than 5 litres per second).	331.00	Pump working hour	33,100.00

Sr. No.	Qty.	In Unit	Items	Rate excl. GST In Rs.	per	Amount in Rs.
11	10	Nos.	Supplying FRP/ GRP/ COMPOSITE resin Water gully frame and cover 450mm X 450mm , 20 T capacity, manufactured by M/s.Thermodrain, M/s.Fibrocast, M/s.Everlastcomposites or equivalent conforming to BSEN 124; 1994, Product shall have top abrasion resistant layer of decorative grey granite finish. It shall also conform to 'Permanent Set' criterion as per BSEN 124. The lifting arrangement should have an insert of 5 mm in glass filled nylon socket type with key hole, including hold-fasts, transport to MbPT store/ site office etc. complete.	5,967.00	Each	59,670.00
12	10	Nos.	Supplying FRP/ GRP/ COMPOSITE resin Water gully frame and cover 600mm X 600mm , 20 T capacity, manufactured by M/s.Thermodrain, M/s.Fibrocast, M/s.Everlastcomposites or equivalent conforming to BSEN 124; 1994, Product shall have top abrasion resistant layer of decorative grey granite finish. It shall also conform to 'Permanent Set' criterion as per BSEN 124. The lifting arrangement should have an insert of 5 mm in glass filled nylon socket type with key hole, including hold-fasts, transport to MbPT store/ site office etc. complete.	10967.00	Each	109670.00
13	10	Nos.	Supplying FRC Inspection frame and cover of 900x 450 size having 25 T. Load bearing capacity including transportation etc complete.	3022.04	Each	30220.40
14	30	Nos.	Fixing only FRP/ FRC frame and cover over the existing man-holes/water gullies/chambers including demolition of required portion of masonry and re-building the damaged portion of the masonry including providing PCC (1:1.5:3) for coping of required thickness including form work vibrating and curing etc. complete as directed (The frame and cover will be paid under respective supply item. )	571.00	Each	17,130.00

Sr. No.	Qty.	In Unit	Items	Rate excl. GST In Rs.	per	Amount in Rs.
15	30	cu.m.	Excavation in dense & hard soil upto 1.5m depth in trenches for foundations and for pipes, cables etc. not exceeding 1.5 m. in width, incl. dressing of sides & ramming the formation, clearing of rank vegetation & bailing out water, refilling the excavated material wherever directed and consolidating the same, stacking the surplus excavated material including cost of fencing, lighting & watching, etc. complete as directed	607.00	cu.m.	18,210.00
16	30	Nos	Raising and lowering man-holes/ water gullies or chambers including dismantling / building up brick including removing and masonry / concrete re-fixing frame and cover etc. complete as directed.	1,372.00	Each	41,160.00
17	22	Days	Supplying and operating suction cum jetting machine (Eight Hours per day) for removing hard chokes/cleaning drains/manholes/watergullies etc. including operator, fuel, consumables etc complete as directed.	22,500.00	Day	495,000.00
<b>Total Part - VIII- Rs.</b>						<b>3,131,515.40</b>

**TOTAL AMOUNT FOR PART 'C'- Rs.**

**3,131,515.40**

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

**Due to technical constraint at Central Public Procurement Portal (CPPP), the bidder have to mandatorily quote for all the Parts in the BOQ file. Since, in the subject tender, the Bidder has the choice of quoting for either individual Part or all Parts, the Bidders are requested to clearly mention their willingness for which part they are quoting. For completing the technical requirement, the Bidder will have to quote a notional rate of 1% in the part in which they don't wish to participate.**

- 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 Trust 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.