

Mumbai Port Authority
Civil Engineering Department

**Tender No E 53/2024-Annual maintenance of asphaltic surfaces in MbPA Docks
& Estates for a period of Two years (2024-26).**

Part-II: Roads, storage areas and wharves outside Docks(GWSD).

Bill of Quantities

Sr. No.	Qty.	In Unit	Items	Rate incl. of all taxes ₹	per	Amount in ₹
1	120	Cu.M.	Excavation for road work upto required depth in a soil, rubble, aggregate, asphalt, concrete, khandki pavement etc. or any other strata met with including removal of rank vegetation, shoring, bailing out water, rolling and consolidating the formation by 8-10 tonnes capacity road roller including filling in with selected excavated materials wherever directed including stacking the surplus excavated material within a lead of 100 Mtrs. including cost of fencing, lighting & watching etc. complete as directed.	867.00	Cu.M.	104,040.00
2	1000	Sq.M.	Earthwork in surface excavation not exceeding 30 Cm. in loose or soft soil 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.	33.00	Sq.M.	33,000.00
3	200	Cu.M.	Providing and laying 40 mm to 90 mm size stone metal of approved quality to required thicknesses on top of the formation in layers, each layer laid to thickness as directed but not exceeding 120 mm and consolidated to about 2/3rd thickness of the thickness of loose layer including filling the interstices with grit/ stone dust/ sand/ brick powder etc. and rolling with 8 to 10 tonnes capacity road roller complete as specified and as directed. Note: Payment will be made for consolidated volume.	2,240.00	Cu.M.	448,000.00
4	720	MT	Providing and laying hot pre-mixed asphaltic macadam (Bitumen grade:60/70) with approved anti-stripping agent at the rate of 0.5% of the bitumen content by weight, in required thickness in regulating course and rolling with 8 to 10 tonnes	3,381.00	MT	2,434,320.00

Sr. No.	Qty.	In Unit	Items	Rate incl. of all taxes ₹	per	Amount in ₹
5	1200	MT	<p>capacity road roller including cleaning the surface, etc. complete as specified and as directed. Note: The quantity under this item shall be paid for in terms of weight of asphaltic macadam actually laid).</p> <p>Note : Rate is inclusive of applying bitumen grade 80/100 tack coat at the rate of 0.50 kg/sq.m of bitumen.</p> <p>Providing and laying hot pre-mixed asphaltic concrete wearing course (Bitumen grade:60/70) with approved anti-stripping agent at the rate of 0.50% of the bitumen content by weight, of required thickness as directed and rolling with 8 to 10 tonnes capacity road roller including cleaning the surface etc. complete as specified and as directed. Note: The quantity under this item shall be paid for in terms of weight of asphaltic concrete actually laid).</p> <p>Note : Rate is inclusive of applying bitumen grade 80/100 tack coat at the rate of 0.50 kg/sq.m of bitumen.</p>	4,702.00	MT	5,642,400.00
6	425	Bags	Supply of Cold Mix in 25 Kgs. Bags manufactured by HINDUSTAN COLAS PRIVATE LIMITED, including transporting and stacking the same at MbPA Road Section Office as directed.(Only Supplying)	363.00	Bag	154,275.00
7	100	Nos	Providing unskilled workers on daily basis (8 Hours Shift) for carrying out work as directed. The personnel shall be equipped with tools and tackles to perform the job assigned to them.	637.00	Nos	63,700.00
8	30	Vehicle Days	Providing tempo with covered body of 2 tonnes capacity at sectional offices including driver, cleaner and three Mazdoors together with fuel & other consumable stores etc. for transport of different engineering materials, furniture etc. within MbPT Estate on any day etc. complete (Total run upto 40 Kms. per day).	5,160.00	Vehicle Day	154,800.00

Sr. No.	Qty.	In Unit	Items	Rate incl. of all taxes ₹	per	Amount in ₹
9	60	Cu.M.	Providing and laying water bound macadam (WBM) of different consolidated thicknesses comprising of 40 to 63 mm size metal of approved quality laid to thickness as directed and consolidated by means of 8 to 10 tonnes capacity road roller to about 2/3rd of loose layer thickness including watering, blending with sand/ stone dust/ grit/ brick powder etc. complete as specified and as directed Note: Payment will be made for consolidated volume).	3,321.00	Cu.M.	199,260.00
10	200	Hrs.	Supply on hire 8-10 T capacity road roller with necessary fuel & operator etc. complete as directed.	757.00	Hr.	151,400.00
11	150	Hrs.	Supply on hire JCB for loading, levelling purpose including necessary fuel, operator etc. complete as directed (Stoppage of JCB for more than 5 minutes (twice in a shift) shall be considered as non-working period).	839.00	Hr.	125,850.00
12	3000	Sq.M.	Removing asphaltic courses by milling machine upto a depth of 55 mm in layers including transporting the removed materials outside the MbPT Estates complete as directed.	122.00	Sq.M.	366,000.00
13	40	Cu.M.	Supplying 40 mm to 90 mm size stone metal of approved quality at various places in the jurisdiction of GWSD as directed. Note: Payment will be made for the depot measurements at site.	1,500.00	Cu.M.	60,000.00
14	20	MT	Providing and laying pre-mix seal coat of Bitumen grade:60/70, consisting of 7% to 8% bitumen, 86% to 87% grit and 6% filler all by weight including cleaning the surface, applying tack coat at 0.50 Kg./Sq.M., rolling with 8 to 10 tonnes capacity road roller, finishing etc. complete to required grade and camber as directed. Note : Rate is inclusive of applying bitumen grade 80/100 tack coat at the rate of 0.50 kg/sq.m of bitumen.	6569.00	MT	131,380.00
15	1000	Kgs.	Providing and laying micro-concrete of Polycrete-A or equivalent from approved manufacturer in line and level to match with existing layer, using bonding coat of Sunepoxy-358 (Resin : Hardner mixed in the ratio 1 : 0.5 by weight) or equivalent with existing surface, curing, excluding form work etc. complete as directed (Rate is inclusive of bonding polymer coat).	27.00	Kg.	27,000.00

Sr. No.	Qty.	In Unit	Items	Rate incl. of all taxes ₹	per	Amount in ₹
16	600	Mtrs.	Filling the joints of concrete slab with air blown bitumen 10/20 penetration including cleaning the joints with compressed air, brushing etc. complete as directed.	58.00	Mtr.	34,800.00
17	100	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.	56,400.00
Total for Part-II						10,186,625.00

Tenderers are requested to quote their Percentage rate in the Excel file published with this tender.

NOTES:

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. The Goods & Services Tax (GST) at the applicable rates of bill amount will be reimbursed at actuals to the contractors at the time of billing on production of proof remittance.
5. 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.