

Tender Details

Tender Details > **Tender Consolidated Details**

Tender ID: 163876	IFB/Tender Notice No.:HD-03/25	Description of Material/Name of Work: Up-gradation of Back up area of berth No. 11 and 12
ECV (INR):391541271.00	Last Date For Bid Submission: 17-04-2025 12:00	Tender Type/Tender Category :Open/WORKS
Location: Kachchh	Department: Deendayal Port Authority	Sub Department: Town Development Division

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[PART A Asphalted Plot](#) || [PART B RCC Drain Curbing And Culvert](#) || [View All Subwork](#)

PART A Asphalted Plot

Item No.	Item Description	Qty	Unit
1	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	51057.570	M3

Item No.	Item Description	Qty	Unit
2	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. (A) All kinds of soil	212375.010	M2
3	Construction of granular sub - base by providing, laying, spreading and compacting CLOSE/ COARSE GRADED MATERIAL spreading in uniform layers with motor grader on prepared surface and compacting with power vibratory roller of required type and capacity to achieve the desired density including all labour, watering, material , machinery, lighting, guarding, barricading complete as directed.(Mix in place method). (With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30)	194451.510	M3
4	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	58741.500	M3

Item No.	Item Description	Qty	Unit
5	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. (A) With medium setting bitumen emulsion (i) On W.B.M / W.M.M. @ 0.4 kg/sqm	195805.010	M2
B	With rapid setting bitumen emulsion (i) On bituminous surface @ 0.25kg/sqm	17995.130	M2
6	Providing and laying Dense Graded Bituminous Macadam using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of Engineer-in-Charge. (A) 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @ 5.00 percentage (percentage by weight of total mix) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.	37009.000	MT

Item No.	Item Description	Qty	Unit
7	<p>Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge. (a) 40/50 mm compacted thickness with bitumen of grade PMB-76E-10 @ 6 percentage (percentage by weight of total mix) and lime filler @ 3percentage (percentage by weight of Aggregate) prepared in drum Type Hot Mix Plant of 60-90 TPH capacity.</p>	18453.000	MT
8	<p>Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in- charge and accordance with applicable specifications.</p>	768.750	M2

Item No.	Item Description	Qty	Unit
9	<p>Manufacturing, supplying and fixing retro reflective sign boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bi-lingual), symbols and borders etc. as per IRC ; 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle iron of size 25x25x3 mm along with theft resistant measures, mounted and fixed with 2 Nos. M.S. angles of size 35x35x5 mm to a vertical post made up to M.S. Tee section ISMT 50x50x6 mm welded with base plate of size 100x100x5 mm at the bottom end and including making holes in pipes, angles flats, providing & fixing M.S. message plate of required size, steel work to be painted with two or more coats of synthetic enamel paint of required shade and of approved brand & manufacture over priming coat of zinc chromate yellow primer (vertical MS-Tee support to be painted in black and white colours).Backside of aluminium sheet to be painted with two or more coats of epoxy paint over and including appropriate priming</p>	21.600	M2

Item No.	Item Description	Qty	Unit
	coat including all leads and lifts etc. complete as per drawing , specification and direction of Engineer-in-charge. (A) Cautionary /warning sign boards of equilateral triangular shape having each side of 900 mm with support length of 3650 mm		

PART B RCC Drain Curbing and Culvert

Item No.	Item Description	Qty	Unit
10	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. a) All kinds of soil	2714.000	M3
11	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	397.000	M3
12	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size).	92.400	M3

Item No.	Item Description	Qty	Unit
13	<p>Providing and laying in position machine batched and machine mixed design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping / placing of concrete to site of laying including the cost of centering, shuttering, finishing but excluding the cost of 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. (A) All works upto plinth level for (i) RAFT</p>	217.000	M3
(ii)	WALL	367.000	M3
14	<p>Providing, laying and fixing in position upto 1 km lead design mix reinforced cement controlled concrete for RCC Precast slab / RCC Precast curbing of design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping / placing of concrete to site of laying including the cost of centering,shuttering, finishing as per direction of Engineer-in-charge. (Rate is exclusive of cost of reinforcement)</p>	2243.000	M3
15	<p>Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position (a) Thermo-Mechanically Treated bars of grade Fe- 500D or more.</p>	315329.000	Kg

Item No.	Item Description	Qty	Unit
16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	678.500	M3
17	Carriage for 5.0 km lead by Mechanical Transport including loading, Unloading and stacking - Carriage of Rubbish	2035.500	M3
18	CEMENT PLASTER (IN FINE SAND) including racking out joints, scrubbing & cleaning, finishing smooth curing including racking out joints etc. complete for height upto 10m from ground level in less otherwise stated. (a) 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	3108.000	M2
19	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : (a) Water thinnable cement primer	16760.000	M2
20	EXTERIOR FINISHING : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : (a) Two or more coats on new work	55197.500	M2
21	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. (a) 40 mm thick with 20 mm nominal size stone aggregate	420.000	M2

Item No.	Item Description	Qty	Unit
22	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	49342.000	Kg
23	EXTERIOR FINISHING - Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On Steel work	1187.000	M2
24	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) testing of joints etc. complete including Excavation 750 mm wide and 1200 mm deep and same should be filled with CC-1:1.5:3 up to road top level after laying of R.C.C. pipe and PCC 1:4:8 at bottom. 300 mm dia. R.C.C. pipe	320.000	Mtr.
25	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) etc. complete : a) 300 mm dia. R.C.C. pipe including excavation as directed and sypplying and filling sand at bottom of 10 cm thickness	2550.000	Mtr.

Item No.	Item Description	Qty	Unit
26	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	16570.000	M2

Notes

Subwork Name	Description	Period of Completion	Scope of Subwork
PART A Asphalted Plot	AS per Tender	18.0	As per Tender
PART B RCC Drain Curbing and Culvert	As per tender	18.0	As per tender

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