

Tender Details

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Tender ID: 160385	IFB/Tender Notice No.:HD-02/25	Description of Material/Name of Work: Resurfacing of road network and parking plot in Liquid storage tank at Kandla
ECV (INR):38468164.00	Last Date For Bid Submission: 08-04-2025 12:00	Tender Type/Tender Category :Open/WORKS
Location: Kachchh	Department: Deendayal Port Authority	Sub Department: Town Development Division

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BOQ

Item No.	Item Description	Qty	Unit
1	Removal of Garbage/debris by mechanical means (Hydraulic excavator)/manual means over areas including getting out and disposal of stuff lead beyond 3.50 km upto 3.00 Km outside cargo jetty area, as directed by Engineer-in-charge.	3500.000	M3
2	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 upto lead of 3.50 km beyond 3.00 km and lift upto 1.5 m, and after preparing surface consolidation with Power vibratory roller including cost of watering etc complete as directed by Engineer-in-Charge: (a)All kinds of soil / GSB filled / Ashphlated surface	5250.000	M3
3	Reclamation of area for plot & approach road with mechanical plants equipments with quarry spall not exceeding 125 mm th. Including cost of excavation royalty taxes loading, unloading, transportation, spreading in two layer from existing ground level to required level, levelling, dressing etc. & wet consolidation by loaded trucks movement and at top with power vibratory roller etc. complete with all labour and material as directed by Engineer-in-charge	14700.000	M3
4	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	74652.000	M2

Item No.	Item Description	Qty	Unit
5	<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-40 @ 6.00 percentage (percentage by weight of total mix) and lime filler @ 3 percentage (percentage by weight of Aggregate) prepared in drum Type Hot Mix Plant of 60-90 TPH capacity.</p>	7035.000	MT
6	<p>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-40 @ 5 percentage (percentage by weight of total mix) and lime filler @ 2 percentage (percentage by weight of Aggregate) prepared in Drum Type Hot Mix Plant of 60- 90 TPH capacity.</p>	1938.000	MT
7	<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>	2007.000	M2

Item No.	Item Description	Qty	Unit
8	<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 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</p>	20.000	No.
9	<p>Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.</p>	2556.000	M2
10	<p>Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In- Charge.</p>	799.000	M2
11	<p>Cleanig of drain/ culvert by manualy (up to 1m in width and variable depth as per site) by removing the spillage cargo/ mud/ boulders etc. including disposal of removed materials up to 2.00 km lead as ditected.</p>	3075.000	Rmt

Item No.	Item Description	Qty	Unit
12	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	7967.000	M2
13	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new/old work	7967.000	M2
14	Trimming of existing live trees to the required shape and height and removal of the same at required place complete as directed by Engineer in charge.	350.000	No.
15	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size). 300 mm dia. R.C.C. pipe	34.200	M3
16	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	171.000	M2
17	Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity and encapsulated lens type heat activated retro reflective sheeting conforming to type - III of ASTM-D-4956-01 as approved by Engineer-in-charge, letters, borders etc. as per IRC : 67-2001 in silver white with blue colour back ground and with high intensity grade, pasted on substrate by pressure sensitive adhesive backing which shall be activated by applying pressure conforming to class II of ASTM-D-4956-01 and fixing the same to the plate of structural frame work by means of suitable sized aluminium alloys, rivets or bolts & nuts @ 300 mm centre to centre all along the periphery as well as in two vertical rows along with theft resistant measures, including the cost of painting with two or more coats of epoxy paint in grey colour on the back side of aluminium sheet including appropriate priming coat. The rate includes the cost of rounding off the corners, lowering down the structural frame work from the gantry, fixing and erecting the same in position all complete as per drawings, specification and direction of the engineer-in-charge.(Structural frame work including M.S. plate to be provided separately. Rectangular area of the sheet only shall be measured for	15.000	M2

Item No.	Item Description	Qty	Unit
18	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.	2340.000	M2

Notes

Subwork Name	Description	Period of Completion	Scope of Subwork
BOQ	Civil work	0.0	As per tender document

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