



Tender Details

Dashboard > **Tender Consolidated Details**

Tender ID: 244377	IFB/Tender Notice No.:03-C/25	Description of Material/Name of Work : Development of Container Terminal at Tuna-Tekra Common Road connectivity from Take of point up to back up area Stage-II.
ECV (INR):259184420.00	Last Date For Bid Submission: 23-12-2025 16:00	Tender Type/Tender Category :Open/WORKS
Location: Kachchh	Department: Deendayal Port Authority	Sub Department: Town Development Division

View Tender Items

BOQ Part I || BOQ Part II || View All Subwork

BOQ Part I

Item No.	Item Description	Qty	Unit
1	Providing & Laying of Secondary and Primary Rubble Armour layer of black trap variety / equivalent of weight ranging from 300 kgs to 1500 kgs to be laid in different layers over the sea-side slope of the break water core portion and also in the toe berm, including the cost of execution, royalty, loading, unloading, transportation and construction confirming to the lines, grades, side slopes and levels as indicated in the drawing, specification are as directed by Engineer in charge (With settlement)	13600.000	M3
2	Providing & Laying of Secondary and Primary Rubble Armour layer of black trap variety / equivalent of weight ranging from 300 kgs to 1500 kgs to be laid in different layers over the sea-side slope of the break water core portion and also in the toe berm, including the cost of execution, royalty, loading, unloading, transportation and construction confirming to the lines, grades, side slopes and levels as indicated in the drawing, specification are as directed by Engineer in charge	21600.000	M3

Item No.	Item Description	Qty	Unit
3	Providing & Laying of quarry spall material at road shoulder including cost of excavation, royalty, loading, unloading, transportation and spreading in uniform layers of specified thickness with motor grader on prepared surface with watering and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer -In-Charge.	9036.000	M3
4	Construction of granular sub-base by providing close graded Material conforming to specifications mentioned in tender, carriage of material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface with watering and compacting with vibratory power roller to achieve the desired density, including cost of royalty complete as per specifications and directions of Engineer-in-Charge With material conforming to Grade-I (size range 75 mm to 0.075 mm)	11880.000	M3
5	Providing and laying, compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (VMM) specification including premixing the material with water at OMC in for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on 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.	18360.000	M3
6	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom With rapid setting bitumen emulsion (a) On W.B.M / W.M.M. @ 0.4kg/sqm	57600.000	M2
b	On bituminous surface @ 0.25kg/sqm	115200.000	M2

Item No.	Item Description	Qty	Unit
7	Providing and laying bituminous macadam using crushedstone aggregates of specified grading premixed withbituminous binder, transported to site by tippers, laidover a previously prepared surface with paver finisherequipped with electronic sensor to the required grade,level and alignment and rolling with smooth wheeled,vibratory and tandem rollers as per specifications toachieve the desired compaction and density, complete asper specificatons and directions of Engineer-in-Charge. 50 to 100 mm average compacted thickness withbitumen of grade VG-30 @ 3.50 percent (percentage by weightof total mix) prepared in Batch Type Hot Mix Plant of 60-90 TPH capacity.	10598.400	MT
8	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-inCharge. 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @ 5percent (percentage by weight of total mix) and lime filler @ 2 percent (percentage by weight of Aggregate) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.	20304.000	MT
9	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. 40/50 mm compacted thickness with bitumen of grade PMB-40 @ 5.5 percent (percentage by weight of total mix) and lime filler @ 3 percent (percentage by weight of Aggregate) prepared in drum Type Hot Mix Plant of 60-90 TPH	5437.440	MT

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, 1.50 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 4.50 m as directed by Engineer-in-charge.	2427.340	M3
11	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.	1213.670	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 : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	507.780	M3
13	Centering and shuttering including strutting, propping etc. and removal of form for all heights : (a) Footings	3615.700	M2
b	Walls (any thickness)	12963.600	M2
14	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 of concrete to site of laying but excluding the cost of centering,shuttering, finishing and 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) Raft	903.430	M3
b	Walls	972.270	M3
15	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically treated bars of grade Fe 500D or more	187570.000	K G
16	12MM Cement plaster (fine sand) of mix 1:4 (1Cement:4 finesand)	11163.100	M2
17	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work	8535.740	M2

Item No.	Item Description	Qty	Unit
18	Collection of sweet earth with 5 percent manure (goat dropping & cow dung dried) free from foreign materials subject to the approval of Engineer-in-Charge including excavation, royalty loading, unloading, transportation, stacking, filling, spreading, watering etc., as directed (With all labour and materials)	2016.000	M3
19	Providing, laying and making kerb channel 30 cm wide and 50 mm thick with cement concrete 1:3:6 (1 cement: 3 coarse sand:6 graded stone aggregate 20 mm nominal size) over 75mm bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth etc. complete and as per direction of Engineer-in-charge.	37.500	M2
20	Providing and erecting 2 nos of "W" metal beam crash barrier comprising of 3mm thick corrugate sheet metal beam rail 90CM above Road/ground level , fixed on ISMC series channel vertical post, 150 x 75 x 5 mm space 2mt center to center 2.00m high, 1.1 below road/ground level, all steel parts and fragment to galvanized by hot dip process, all fittings to confirm to IS 1367 and 1364 metal beam rail to fixed on the vertical post with a spacer of channel section 150x75x5mm 330mm long complete as per clause 810 of MORTH.	7200.000	Rmt
21	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.	3240.000	M2

Item No.	Item Description	Qty	Unit
22	Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acryloretrite) or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro-reflective surface shall be 35 (+/-5) degress to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge.	5400.000	Each
23	Providing and fixing Railway lifting barrier up to 10 M length,100mm (N.B) heavy weight pipe with (0.60mx0.60mx0.40m) M S contour weight box to be filled with 1:2:4 concrete on boom support i.e. 2 Nos ISMC125 2M length(1.2M above G/L and 0.8M below G/L) and 1 Nos ISMC125 2M length(1.2M above G/L and 0.8M below G/L) for boom rest with concrete grouting, including 16 mm dia rope required length and necessary painting etc. Including all labour and materials, as directed by Engineer in charge	4.000	Nos
24	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.	364.920	KG
25	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners,all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6 mm for diagonal braces	2.100	M2

Item No.	Item Description	Qty	Unit
26	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces),excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.63 mm thick with zinc coating not less than 275 gm/ m ²	42.900	M2
27	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. 40 mm thick with 20 mm nominal size stoneaggregate	9.000	M2
28	Rough stone pitching 22.5 cm thick laid in courses and required with hard stone having no side less than 15 cm , with minimum depth of 20 cm set in Cement mortar 1:6 including preparing the bedding surface ect. All complete.	3900.000	M2

Item No.	Item Description	Qty	Unit
29	Manufacturing, supplying and fixing retror effective 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 I 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) Mandatory/Regulatory sign boards of 900 mm diametre with support length of 3750 mm	20.000	Each
b	Cautionary /warning sign boards of equilateral triangular shape having each side of 900 mm with support length of 3650 mm	20.000	Each
30	Supply of Machinery for scratch of Asphalt Road Hydraulic Excavator (3D) with driver and fuel	10.000	day

Item No.	Item Description	Qty	Unit
1	Providing & Laying of quarry spall material at road shoulder including cost of excavation, royalty, loading, unloading, transportation and spreading in uniform layers of specified thickness with motor grader on prepared surface with watering and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer -In-Charge.	308.000	M3
2	Providing and laying, 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, spreading in uniform layers of specified thickness with motor grader on 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.	1449.474	M3
3	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom With rapid setting bitumen emulsion On bituminous surface @ 0.25kg/sqm	17280.000	M2
4	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 equiped 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-inCharge. 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @ 5 percent (percentage by weight of total mix) and lime filler @ 2percent (percentage by weight of Aggregate) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.	3046.000	MT

Item No.	Item Description	Qty	Unit
5	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. 40/50 mm compacted thickness with bitumen of grade PMB-40 @ 5.5 percent (percentage by weight of total mix) and lime filler @ 3 percent (percentage by weight of Aggregate) prepared in drum Type Hot Mix Plant of 60-90 TPH	816.000	MT
6	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.	2430.000	M2
7	Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acrylonitrile) or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro-reflective surface shall be 35 (+/-5) degrees to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge.	4050.000	Each

Item No.	Item Description	Qty	Unit
8	Supply of man power/in addition to regular maintenance of Railway lifting barrier as and when required	1825.000	day

Notes

Subwork Name	Description	Period of Completion	Scope of Subwork
BOQ Part I	As per tender	12.0	As per tender
BOQ Part II	As per tender	12.0	As per tender

BACK

Legends			
Icon	Description	Icon	Description