



Tender Details

Tender Details > **Tender Consolidated Details**

Tender ID: 286856	IFB/Tender Notice No.:HD-06/26	Description of Material/Name of Work: Construction of Railway Siding for Rail Connectivity to Serve the Upcoming New Godowns Inside Cargo Jetty Area of Deendayal Port
ECV (INR):163364960.00	Last Date For Bid Submission: 21-04-2026 16:00	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	Demolishing cement concrete manually/ by mechanical means including disposal of material within 5.0KM lead as per direction of Engineer - in - charge.	3600.000	1 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 lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	10200.000	1 M3
3	Reclamation of area/ approach road by filling up the areas with quarry spall not exceeding 125mm including cost of material, excavation, royalty, loading, unloading, transportation and spreading in layers not more than 30 cm or as directed, dressing the side slopes & levelling the materials with necessary tools, plants, machinery,equipments etc., and compaction of each layer with loaded trucks movement and top layers with power vibratory road roller (Earth Compactor) with watering including settlement of ground etc. complete as directed by the engineer in charge.	1818.000	1 M3

Item No.	Item Description	Qty	Unit
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 paverfinisher 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.	4812.000	1 M3
5	Mechanically manufactured blanketing material by using only hard and durable stone crushed in mechanical crusher to different gradations, wet mixing of the same in designed proportion in Pug mill or wet mix plant to have uniform gradation including all incidental transportation, laying over finished formation in uniform layer(s) with motor grader, compaction with suitable vibratory roller to specified density and finishing to correct profile, complete as per RDSO Specification No. RDSO/2020/GE: IRS 0004 with latest correction slips.	2016.000	1 M3
6	Supply of Machine-crushed Hard Stone Ballast of 40-65 mm size, on cess at its final location of laying as directed by Engineer as per RDSO specification for track ballast IRS-GE-1 of June 2016 with latest correction slips from stacked in specified yard. @ 2.6 cum/trm with 350 mm depth of ballast	7800.000	1 M3
7	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	207.000	1 M3
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	2368.800	1 M3
b	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size).	2764.800	1 M3

Item No.	Item Description	Qty	Unit
9	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."	405.000	1 M3
10	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.	30375.000	1 Kg.
11	Centering and shuttering including strutting, propping etc. and removal of form for all heights : (a) Foundations, footings, bases of columns, etc. for mass concrete	360.000	1 M2
b)	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets,kerbs and steps etc.	2790.000	1 M2
12	Procuring and supplying of 60 Kg (IU) Rails 13M/26M/260M, as per IRS specification T-12 with latest ammendments, if any and as directed by Engineer in charge	360.000	1 MT
13	Procuring and supplying of 52 Kg (IU) Rails 13M/26M/260M, as per IRS specification T-12 with latest ammendments, if any.	312.000	1 MT
14	Procuring and Supply of 60 Kg PSC Sleepers for Check Rails at Level Crossing with 60 kg running rail and 52 kg check rail to RDSO Drg No. RT-8969	4620.000	1 Nos.
15	Supplying, Points & Crossing 60 Kg 1 in 8.5 to Drg No. T-4966 & T-4967 including PSC sleepers, complete set as per latest RDSO's approved drawings with fabricated switches and CMS crossing (including two long sleepers for fixing Point)fastenings, as per specification.	6.000	Per Set
16	Supply of 1m long Fish plate 60 Kg to RDSO Drg. No. T-5916 (Comprises of 2 No. of Fish Plates with nuts& bolts).	462.000	Per Set
17	Supply of 1m long Fish plate 52 Kg to RDSO Drg. No. T-5915 (Comprises of 2 No. of Fish Plates with nuts& bolts).	462.000	Per Set

Item No.	Item Description	Qty	Unit
18	C.I. Bracket 60 Kg T-8985, Weight 10.5 Kg CI distance L Bracket T-4785, Plate screw T-3913, 22 dia bolt, nut and washer T-11550, Single Coil Spiring Washer T-10773. This is for new Sleeper- RDSO Drg. T-8746	9240.000	1 Nos.
19	Procureing and Supplying, of fastenings for 60Kg PSC sleeper with 60 kg Rail. a) Grooved Rubber Sole Plates (GRSP) 10 mm thick as per RDSO Drg. No. T-8528 to T-8747.	9240.000	1 Nos.
b	GFN Liners to RDSO Drg. No. T-8751.	14784.000	1 Nos.
c	Elastic Rail clips (ERC) flat toe Mk. V to suit 60 kg PSC sleeper to RDSO Drg. No. T-5919 .	14784.000	1 Nos.
d	GFN End Cut liners as per Drg.no.3706 for 60 Kg Rail on 60 Kg Sleeper..	3696.000	1 Nos.
e	Manufacturing and Supply of Elastic Rail clips (ERC) 'J' Clip Liner to suit 60 kg PSC sleeper to RDSO Drg. No. T-3740	3696.000	1 Nos.
20	Manufacturing, Supplying, installation and commissioning of 6-10 M long non-interlocked lifting barriers on either side of road passing through the level crossing within Railway Limits with all accessories viz booms, fringes, boom loading device arrangement with its rod run and completed ground fitting, vertical wheel, diversion wheel, steel wire Rope with its accessories pedestals, trunion bracket, LB drum, mechanical warning bell arrangement, night light, three lever frame etc. complete including painting with flourescent paint, excavation & concreting of foundation. Note:- 1) All materials, equipment, labour, casting beds, stress frame, form work staging, scaffolding ectc. is to be arranged by contractor within the quoted rates. 2) All design mix concrete shall be macine batched with automatic weight batcher, machine mixed and machine vibrated or ready mix concrete prepared in depot and transported by transit mixer to the site of work.	4.000	Per Set

Item No.	Item Description	Qty	Unit
21	Spreading of ballast, from existing stacks available along formation on top or at cess, in required uniform thickness, compaction of ballast layer laid on new formation at all the locations with smooth wheeled power roller of 8-10 tonne capacity to sufficient no of passes to form consolidated ballast bed of approximately 250mm thickness to a width of 4m symmetrical to centre line of proposed track in correct line & level with all ascents and descents, as directed by Engineer in charge. Note:- Item is inclusive of (a) providing ramp for taking roller to formation and removing the same & making good formation after completion of work, (b) redistribution & levelling of excess ballast while rolling to obtain uniform plane cambered surface.	7800.000	1 M3
22	Dismantling of existing MG track, gas cutting of rails into free rails of length, as directed; removing fish plates & fastenings, levelling of ballast to correct profile, so as to form a level bed for laying BG track including segregation and stacking at specified location in countable manner	100.000	Track Meter
23	Linking of BG track on prepared formation to correct gauge & alignment with Railway's track materials including spreading sleepers at specified spacing, squaring, pairing & fixing rails to sleepers with all types of rail fittings & fastenings including their lubrication as per IRPWM standards. Rate is inclusive of kutchra packing to make track fit for 20 kmph speed : (NOTE: Rail cutting and Hole drilling shall be paid seperately) For sleeper density of 1540 sleepers per km	3000.000	TRM
24	Assembling, laying and linking of BG 60 kg, points and crossings 1 in 8.5 LH/RH	6.000	1 Nos.
25	Drilling of holes 32mm/ 28mm/ 26.5mm/ 25mm dia with drill twist in the 60 kg main rail and 52 kg check rails for fixing of 1.0 m long fish plates @ 6 holes per rail. 462x6X2 equals to 5544	5544.000	1 Nos.
26	Cutting of 60 Kg. / 52 Kg. 90 UTS rails in main track/yard	50.000	1 Nos.

Item No.	Item Description	Qty	Unit
27	Fabrication & Fixing of 52/60 KG check rail in curves and L-xings duly providing the Rail seat assembly arrangement fittings (T-8969) on every sleeper inside of the check rail. The rate includes cutting the check rail flange & web as required to facilitate fixing/driving of ERCs of running rails & drilling of holes in the web of check rails, oiling the bolts and nuts and tightening, flaring the rail ends by cutting with oxy acetylene/bending the check rail ends, all labor, tools, also includes leading 52kg check rail & rail seat assembly fittings from the depot etc. as advised by engineer in charge at site.	3000.000	TRM
28	Fabrication of Dead End as per RDSO specification with Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Rails shall be provided by DPA)	2.000	1 Nos.
29	Manufacturing, fabricating and supplying retro-reflective sign boards, made of 2mm thick aluminum sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, 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 25mm x 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angles of size 35mm x 35mm x 5mm to a vertical post made up of M.S. Tee section ISMT 50mm x 50mm x 6mm, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed Single Strip / Double Strip Level Crossing Road Warning Board	4.000	1 Nos.
30	Supplying & Casting and fixing RCC, Curve, Gradient, Kilometer, Fouling mark post and Bridge tablets	12.000	1 Nos.

Item No.	Item Description	Qty	Unit
31	First or Second Through Packing of track for all sleeper density including giving a general lift, as desired to eliminate sag after Deep Screening work, as described in Para-238 of Indian Railways Permanent Way Manual {Notes : (1) Rate is for track laid to 1540 sleepers/km density; (2) 10 percent extra to the rate shall be paid in case of 1660 sleepers/km density; (3) Only 80 percent of the rate shall be paid in case of 1340 sleepers/km density} - 4) General lift is normally 25 mm and isolated lift may be upto 50 mm. a) First round through packing as per procedure prescribed in latest edition of IRPWM.	3000.000	Track Metre
b	Second round through packing as per procedure prescribed in latest edition of IRPWM.	3000.000	Track Metre
c	Third round through packing as per procedure prescribed in latest edition of IRPWM.	3000.000	Track Metre
32	Through packing Through Machine packing of Assembly and laying of Points and Crossings 1 in 16, 1 in 12, 1 in 8.5, under line block by Railway's/Contractor T-28 (Ameca) Machine a) First round packing	6.000	Each
b	Second round Packing	6.000	Each
c	Third round Packing	6.000	Each
33	Anti-corrosive painting of rail outside track on rail bottom, web, foot and fishing plane as per requirement with two coats of bituminous emulsion without mica (IP No. 56192 and RDSO Specification No. IRS-P-30-1996) of reputed make including surface preparation, i.e. cleaning with wire brush / sand paper as a complete job as per Para 250 of Indian Railways Permanent Way Manual	12000.000	1 RM

Notes

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

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