

 Hi, kptceckj(Chetankumar Jeniya .)Deendayal Port Authority



## Tender Details

Tender Details > **Tender Consolidated Details**

Tender ID: 261971	IFB/Tender Notice No.:HD-01/26	Description of Material/Name of Work: Improving & Upgradation of godowns in side cargo jetty area
ECV (INR):13082167 1.00	Last Date For Bid Submission: 09-02-2 026 16:00	Tender Type/Tender Category :Open/WORKS
Location: Kachchh	Department: Deendayal Port Authority	Sub Department: Civil Engineering Department

### View Tender Items

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#### BOQ

Item No.	Item Description	Qty	Unit
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the serviceable material within 50 metres lead and disposal of unserviceable material outside cargo jetty area upto lead of 3KM: (a)A.C. sheet roofing.	106134.000	m2
2	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead	159117.850	KG
3	Demolishing masonry work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material outside cargo jetty area upto 3KM lead as per direction of Engineer-in-charge.	116.520	m3

Item No.	Item Description	Qty	Unit
4	<p>Supply of 0.79 TPT pre-painted ZINCALUME/ Galvalume roof sheet of 1072 mm overall width and 1015 mm with five major corrugation, 28.5 mm high rib spaced at 203mm c/c with subtle square fluting in the pan and the end rib shall have anticapillary groove and return leg. The steel sheet shall be fastened with 50µm zinc coated or 45µm zinc-tin alloy coated, Hex head, self-drilling screw as per AS 3566-2002 Class 4 fasteners of Roofix or approved make. The base steel of cladding material shall be 0.70 mm Base Metal Thickness (BMT), coated with hot-dipped Zincalume/ Galvalume alloy coating (i.e. 55 percent Al, 43.4 percent Zinc, 1.6 percent Si) AZ200 (i.e. minimum of 200 g/m2 Al-Zn alloy coating mass total on both sides) having yield strength of 550MPa conforms to AS1397 /IS15961 and factory painted and oven baked with total 40 micron paint DFT confirms to AS/NZS 2728- type 4 / IS15965- class 3 of Tata BlueScope make or equivalent. On exposed surface of the sheet shall be having 20-micron DFT of Super Durable Polyester exterior quality paint system (free from Lead and heavy metals) over 5-micron DFT corrosion inhibitive polyester primer and on reverse side of sheet shall have 10-micron DFT polyester coat over 5-micron corrosion inhibitive polyester primer. The paint system shall have inorganic and ceramic pigments in Super Durable Polyester resin with high glass transition temperature. The roof's solar reflectance Index shall be more than 84 (Surfmist SRI – 87), GRIHA &amp; IGBC GreenPro Ecolabelled certified Product. The steel manufacturer shall provide an Environmental Product Declaration (EPD) to the structural designers, ensuring transparency in the material's environmental impact. The steel sheet shall be of prime quality with a uniform finish, coating mass and strength and branding on back side with details such as thickness, grade, coating mass, date, mfg. name. The steel anufacturers test certificate for the chemical and mechanical properties of steel must be approved by the concerned authority prior to installation. Including fixing the sheet on top sloping roof of storage shed having 10 to 12m height with self-driving screw of Xylan coated steel 12x65mm minimum size on roofing and 12x40mm on vertical cladding with pitch 24 TPI on existing purlins including wastage /overlapping complete as per the specifications and as directed by Engineer in</p>	106134.000	m2

Item No.	Item Description	Qty	Unit
	charge. Sheet shall be fixed on sloping roof / vertical cladding including ridge, valley, corner, gable end, canopy, etc. as required at site.		
5	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.	53039.290	Kg
6	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position all complete. (Structural steel to be reused / supplied free of cost by DPT)	106078.560	Kg
7	Providing and laying in position Reinforced cement concrete of specified grade for jacketing of structural columns including the cost of centering and shuttering - All work up to floor two level : 1:1½:3 (1 Cement: 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size). including scrapping and cleaning the surface providing SBR 2litre per 10m2 coat before laying concrete. Including the cost of shuttering formwork scaffolding etc. required. The thickness of jacketing / flooring 100 to 150mm. Complete as directed by Engineer in charge. (Rate is exclusive of steel reinforcement)	535.080	m3
8	Providing and laying in position cement concrete of specified grade for floor including the cost of centering and shuttering - All work up to floor two level : 1:1½:3 (1 Cement: 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size). including scrapping and cleaning the surface providing SBR 2litre per 10m2 coat before laying concrete. Including the cost of shuttering formwork scaffolding etc. required. The thickness of flooring 100 to 150mm. Complete as directed by Engineer in charge.	4898.200	m3
9	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :	60.000	m3
10	Providing & laying cement concrete solid blocks 1:8:6 (machine made) confirming to relevant IS (Latest Edition) masonry 200mm thick set in cement mortar 1:6 including curing etc. complete as directed. Cement mortar 1:6 (1 cement : 6 coarse sand)	56.520	m3
11	8 mm cement plaster finished with a floating coat of neat cement of mix : 1:3 (1 cement: 3 fine sand)	6518.400	m2

Item No.	Item Description	Qty	Unit
12	Finishing walls with Acrylic Smooth exterior paint of required shade : New work or old surface (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	6518.400	m2
13	Fixing of 6 mm thick AC corrugated sheets roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8 mm dia.G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of AC sheet, purlins, rafters and trusses), including cutting sheets to size and shape wherever required or stacking the sheets at locations decided by EIC within 5km lead	10613.000	m2
14	Removing oil paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	36439.200	m2
15	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	40488.000	m2
16	Floor painting with floor enamel paint of approved brand and manufacture of required colour to give an even shade :Two or more coats on new work or old surface	2124.800	m2

## Notes

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

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