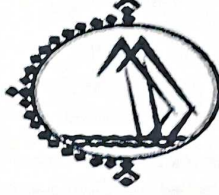


दीनदयाल पोर्ट प्राधिकरण  
**DEENDAYAL PORT AUTHORITY**



Office of the Executive Engineer (Project),  
Room No.200A, Nirman Bhavan Building  
Deendayal Port Authority,  
New Kandla-Kachchh -370210.  
Email id [xenproject@deendayalport.gov.in](mailto:xenproject@deendayalport.gov.in),  
M-9427301528

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**No: PR/WK/2025/GH2/OJ 07/**

**Date: 12/04/2025.**

To,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Expression of Interest**

**Name of Work: Construction of Various Civil and Fabrication Work for Hydrogen Plant Equipment at Oil Jetty at Kandla.**

Sir,

Deendayal Port Authority intends to carry out the various civil and fabrication works for Hydrogen Plant Equipment at Oil Jetty No.07 under project division of Civil Engineering Department.

Kindly submit your Expression of Interest along with budgetary offer for the items of work enclosed at **Annexure-I**.

The rates quoted must be inclusive of contractor Profit, required materials, Labours, Equipment's, tools, Plants etc. all complete. The rate quoted must be excluding of GST but inclusive of all other taxes, duties. The GST applicable shall be shown separately, which shall not be considered for evaluation purposes.

Your Expression of Interest along with budgetary offer for the above work should reach to the following address on or before **19/04/2025 by 16:00 Hrs.**

**Address;**

**Executive Engineer (P)**

Room No.200A, Nirman Bhavan Building

Deendayal Port Authority,

New Kandla-Kachchh -370210

M-97143 01528.

Thanking you,

Yours faithfully,

**Executive Engineer (P)**  
**Deendayal Port Authority**

**Encl: Annexure-I.**

# ANNEXURE-I

Sr.No	Description of Items	Unit	Rate
<b>Civil Work</b>			
1	EXCAVATION in Granular Sub Base(GSB) fill for foundations, trenches, pits, walls, footings ,including shoring, dewatering (as required), removal of debris and levelling.		
	a) 0.0 - 1.5 M depth	Cum	
	b) 1.5 - 3.0 M depth	Cum	
2	Reinforcement: High strength corrosion resistance coated deformed TMT bar ( Fe 500 D Grade.as per IS 1786) Reinforcement for all RCC items including decoiling, cutting, hooking, bending, cranking including tying system with binding wires.	MT	
3	Structural Steel: Fabrication and erection of structural steel (Grade - E250) conforming to Grade -A/BR, Semikilled / killed of IS-2062. Plates beyond 12 mm & upto 40 mm shall be normalised rolled. Plates beyond 40 mm shall be vacuum degassed & furnace normalised. The painting for structural steel works shall be as per follows - a) Surface preparation - Blast cleaning of steel surfaces up to Sa 2 ½ standard. b) Primer- Inorganic Zinc Silicate (65 DFT) c) Intermediate Coat: 2nd coat of HB Epoxy MIO2( 100 DFT) d) Finish Coat-Two pack Acrylic Polyurethane Paint (50 DFT) e) Total DFT as 215 microns (minimum).	MT	
4	Structural Steel : Fabrication and erection of structural steel Hollow section confirming to IS-4923 for storage shed as per drawing including cutting welding, bolting etc complete as directed. The painting for structural steel works shall be as per follows - a) Surface preparation - Blast cleaning of steel surfaces up to Sa 2 ½ standard. b) Primer- Inorganic Zinc Silicate (65 DFT) c) Intermediate Coat: 2nd coat of HB Epoxy MIO2( 100 DFT) d) Finish Coat-Two pack Acrylic Polyurethane Paint (50 DFT) e) Total DFT as 215 microns (minimum).		
5	BITUMINOUS/ ASPHALT ROAD-6.0 m wide road with 1m wide shoulder either side, and noted with the following specifications (including Seal Coat, Prime Coat, Tack coat as required) - i) Surface Course: 40 mm thick Dense Bituminous Concrete and 75mm thick Dense Bituminous Macadam.(DBM) ii)Surface Course (SHOULDER) : 50 mm thk interlocking precast concrete blocks at top (M25 Grade) iii) Base Course: 250 mm thick existing WMM (well compacted). iv) Sub-base Course: Existing well compacted GSB filled.	RM	
6	Paving with M20 grade Reinforced concrete/ Paver Blocks underlaid by 50mm thk. PCC(1:2:4) in the plant area	SQM	
7	COMPACTED BACK FILLING with graded gravels and stone boulders in layers not exceeding 300mm free from clods, rock fragments, rubbish etc with interstices filled with sand/ stone dust.	Cum	
8	DISPOSAL OF SURPLUS/ UNSUITABLE MATERIAL Outside Plot boundary including loading, unloading, transporting etc at designated location.	Cum	

Sr.No	Description of Items	Unit	Rate
9	READY MIX NON-SHRINK FLOWABLE CEMENTITIOUS GROUT of reputed manufacturer to be applied under equipment/ structure base plates etc. and for anchor bolt sleeves/ pockets etc. including chipping the concrete surface, cleaning, laying, finishing the surfaces smooth, curing etc. complete as specified Minimum crushing strength of 40 N/ mm2 and /or one grade higher than base concrete.	Cum	
10	Gravel filling with approved quality 20mm size gravels brought from outside.	Cum	
11	SHUTTERING -Straight shuttering for beams, coulmsns,Slab, walls & footings.	Sqm	
12	Bituminous Paint: Providing and applying 2 coats of Bituminous Paint on conc below GL including top surface of foundations with coal tar at least 1.2 kg/m2 per coat.	Sqm	
13	MASONRY WORK Specifications of bricks shall be fly ash building bricks of Class 7.5 confirming to IS: 13757, at all heights and depths for retaining walls,wall footings, parapets, partitions, steps, drains, manholes, trenches, etc. including raking out joints staging scaffolding and curing, etc complete as specified		
	a) 230 mm thk brick masonry in CM 1:5	Cum	
	b) 345 mm thk brick masonry in CM 1:6	Cum	
14	DPC 50mm THICK with concrete 1: 1.5 : 3 mix with approved water proofing compound admixture	Sqm	
15	PLASTER WORK		
	a) 18 mm outside in CM 1:6	Sqm	
	b) 12 mm inside in CM 1:4	Sqm	
	c) 6 mm in ceiling with CM 1:4	Sqm	
	d) Water Proof cement Plaster ( 15 mm thk. ) inside the tank.	Sqm	
	e) POP Punning in two coats (2mm th finish surface) on the interior faces	Sqm	
16	WALL FINISHES		
	a) Premium anti algal weather proof acrylic emusion exterior paint with Silicon additives	Sqm	
	b) Oil Bound Distemper(OBD) paint in Switchgear , MCC rooms , staircase areas and office rooms (internal & ceiling)	Sqm	
17	FLOOR FINISHES		
	a) IPS Floor finish with ironite hardner - 50mm thk. IPS with metallic hardener topping . I.e providing & laying 38mm thk concrete flooring plus 12mm thk ironite hardner (To be used for floors of Switchgear rooms, electrolyser room, warehouse, workshop, pump house etc).	Sqm	
	b) Green coloured Epoxy resin (coating below the electrolyser stack and accessories) based high build thixotropic protective coating. It contains 3 parts of coloured resin and 1 part of Hardner.	Sqm	
	c) Roof Waterproofing Over RCC surface: Water proofing in roof consist of Polyurethane (PU) water proof coating, single component (DFT 450 micron minimum) with 25 SWG chicken wire mesh laid to slope as directed by Engineer-In-Charge.	Sqm	

Sr.No	Description of Items	Unit	Rate
18	<b>WINDOWS</b>		
	Electro colour coated (Anodised ) aluminium frame glazed (glass min 4mm thk) window, including anodized aluminium grill, painting as per spec. and all other fittings.	Sqm	
19	<b>DOORS</b>		
	Aluminium Door: Providing and fixing in position anodised aluminium doors made of extruded tubular electrostatically powder coated (min. 30 microns) / anodised aluminium sections conforming to IS:733 and IS:1285 of "INDAL" or approved equivalent manufacturer with 6.3mm laminated safety glass at top conforming to IS:2553 fixed with rubber lining or EPDM gasket and extruded anodised aluminium beading, 100 x 45 mm bottom rails, 6.3 mm thick laminated glass glazing for top portion, bottom portion provided with 18 gauge aluminium sheet on both the sides with plywood packing in between, 2 Nos. full width handles 150 mm wide x 12 mm thick to each shutter including all accessories like , beadings, locking in arrangement, etc complete.	Sqm	
20	<b>STRUCTURAL STEEL WORK</b>		
	a) Providing and Fixing Grating :25mm thk electroforged steel grating with all fixtures.	MT	
	b) Handrail 1m high with 32 dia NB (MED) GI Pipe verticals at 1.5m c/c, 32 dia NB (MED) GI Pipe as top and middle runners and 100mm x 6 mm MS toe plate including all painting works as defined for structural steel & all other fittings.	RM	
	c) M S Inserts with anchors and painting	MT	
21	Stainless Steel Nozzles for water tank : Providing, Fabricating and fixing Nozzles for inlet, Outlet, Overflow , Recline etc made of SS flange (SA 182 F316 ) . Pipe ( SA 312 TP 316) and puddle flange (SA240 316) for water tank, effluent pit etc complete as directed as per drawing.	Kg	
21	<b>BOLTS</b>		
	a) 8.8 Grade bolts for permanent connection	MT	
	b) MS Foundation Bolts (4.6 grade)	MT	
22	<b>SHEETING WORK</b>		
	Providing corrugated galvalume sheets of approved colour, "METACOLOR" or equivalent fixing heads, neoprene washers, including laps and seals in accordance with Manufacturer's instructions including all fixtures like Barge board, Ridge piece, etc.		
	a) for Roofing & side sheeting system base metal thickness shall be 0.5 mm	Sqm	
	b) Flashing without corrugation	RM	
	c) Polycarbonate sheet with troughed profile to match with the metal cladding profile. Minimum 3.0mm thick fire retardant and UV resistant polycarbonate clean sheet shall be used. ALL FIXTURES INCLUSIVE	Sqm	
23	150 mm NB(M) PVC Pipe confirming ot IS-4985-2000 as downtake pipe with all fixtures.	RM	
	<b>MISCELLANEOUS WORK</b>		
24	Providing and Fixing Water Stopper: 225 x 6mm thk PVC water stopper bar in liquid retaining structures	RM	

Sr.No	Description of Items	Unit	Rate
	<b>INFRASTRUCTURE WORK</b>		
<b>25</b>	<b>FENCING</b>		
	a) PVC coated chain link fence : 3m height PVC coated chain link Fencing with galvanising & MS angle post ISA 65x65x6 at every 3m c/c along with foundations.	RM	
	b) MS entry gates : Providing and fixing M.S. Gate consisting of 50 dia medium MS tube frame, 40mm X 6mm MS flats welded to frame @ 75 c/c with necessary MS clamps nuts, bolts, washers, hold fasts, 50 X 6 MS guide strips with hold fast, steel wheel, 2 coats of red oxide zinc chromate primer and two coats of aluminium paint of approved make with necessary fabrication, fixing, to required line and level drilling etc. complete as specified and directed.	Sqm	
<b>26</b>	RCC Hume Pipe Providing and laying to slopes and at any depth confirming to IS458 Reinforced concrete pipes with collars including cutting out pockets for collars, jointing in 1:1 cement mortar, cutting of pipes wherever required, curing and testing of joints etc. complete as specified and directed (excavation and back filling shall be measured and paid under relevant item)		
	a) NP2 Class 600mm dia RCC Precast pipe	RM	
	b) NP2 Class 300mm dia RCC Precast pipe	RM	
<b>27</b>	Core Cutting Test	Nos	
<b>28</b>	Hire charges of DGPS for Ground Marking of Co-ordinates with DGPS at site of work including cost of Operators, Technician , labour etc complete as directed.	Days	
<b>30</b>	Providing and fixing Alkali resistant epoxy coated tiles for equipments including leveling the bootim, necessary adhesive and tile grout etc all complete as directed.	Sqm	
	<b>Total Rs.</b>		