

दीनदयाल पोर्ट प्राधिकरण
DEENDAYAL PORT AUTHORITY



Office of the Executive Engineer (R),
Administrative Office Building,
Post Box No. 50,
Gandhidham-Kachchh
www.deendayalport.gov.in

No: RW/WK/

Date: 12/03/2025

To,

Expression of Interest.

Name of Work: Construction of CISF Barrack providing drainage line, parade ground, Toilet block and SWD, Culvert at Kandla.

Sir,

Deendayal Port Authority intends to carry out the subject work of ROAD Division of Civil Engineering Department.

Kindly submit your Expression of Interest along with budgetary offer for the items considered in preparation of the estimate under **Annexure-I**.

The rates quoted must be inclusive of all taxes, duties for performing scope of work & exclusive of GST. 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 20/03/2025 by 15:00 Hrs.

Address:-

Office of the Executive Engineer (ROAD),
ROAD Division, Administrative Office Building,
Ground floor, Room No.113, Annexe,
P.O. Box No. 50, Gandhidham – Kachchh.
Email: xenroadskpt@gmail.com

Thanking you,
Yours faithfully,

अधिशारी अभियंता (रोड)
दीनदयाल पोर्ट प्राधिकरण
Executive Engineer (R)
Deendayal Port Authority

Executive Engineer (R)
Deendayal Port Authority

ROAD DIVISION			Annexure-I.	
Name of Work: Construction of CISF Barrack providing drainage line, parade ground, Toilet block and SWD, Culvert at Kandla.				
Sr.No.	Description	QTY	Rate	Unit
A	(PILING WORK)			
1	Shift and set up piling plants and equipment’s at each pile location Grid length (100 m)	1.00		Nos.
2	Supply, fabricate mild steel liners plates with shoe including transport, alignment, welding, placing in position and driving up to any depth.	1.00		MT
3	Boring through all type of soil strata including stiff clay, bentonite and dense sand			
	(I) upto -22.00	1.00		Rmt.
	(II) From level -22.00 to Founding Level.	1.00		Rmt.
4	Supply and place in position design mix cement controlled concrete of grade M-40 in pile shaft by means of tremmie or any other approved method using 20 mm MSA including cost of all labour and materials but excluding the cost of steel reinforcement.	1.00		M³
5	Supplying, cutting, bending tying with1.5mm dia annealed binding wire and placing in position reinforcement cages for insitu reinforced cement concrete piles including cleaning,wire shing,straightening tack/lap/butt welding with approved electrodes etc., with all labour and materials complete.			
	Thermo-mechanically treated corrosion resistant			
	steel of grade equivalent to Fe-500D	1.00		KG
6	Cut and dress each pile head to required lines and levels.	1.00		No.
	-			
7	Providing and casting, lifting, shifting and placing in position of precast units of design mix controlled concrete grade M- 40 including weigh batching, mixing, vibrating, curing etc., complete with all labour, material, plants, equipments etc. as directed by engineer in charge. (Rate shall be			

	inclusive of providing, fixing and stripping of formwork but exclusive of steel reinforcement bars.)			
	Total Precast Qty	1.00		M ³
8	Supply and place in position to lines and levels cast-in-situ design mix cement controlled concrete of grade M-40 using cement sand, 20mm MSA including providing form work, shuttering, machine mixing, compacting, curing of concrete, centering including providing pockets, opening, recesses, chamfering wherever required and rendering if required to give smooth and even surface in all shape etc.complete as directed withall labour and materials but excluding the cost of steel reinforcement for pile muff, pile caps, deck beams, slab,kerbs, parapets etc.			
		1.00		M ³
9	Supply and place in position to lines and levels cast-in-situ design mix cement concrete of grade M-30 using cement, 20 mm MSA for wearing coat of average thickness of 80mm including providing of form work,weigh batching machine mixing, placing in panels, forming slopes, compacting curing etc. complete with all labour and materials .(a) Wearing coat 80mm thick			
		1.00		M ²
10	Supplying, cutting, bending, tying with 1.50 mm dia annealed binding wire and placing in position reinforcement cages for precast, cast in situ concrete etc. including cleaning, wire brushing,straightening tack/lap/butt welding with approved electrodes etc.with all labour and materials complete.			
	Thermo-mechanically treated corrosion resistant steel of grade equivalent to Fe-500D			
		1.00		kg
11	Providing and fixing in position approved quality shalifax board 50mm thick and 230 mm wide at expansion joints.	1.00		Rmt
				n
B	Parade Ground			

1	<p>Providing and laying Synthetic Athletic Track of Spray Coat System (VOC free) having 10mm of SBR mixed with binder and PU spray coating on the top. The synthetic athletic track brand being proposed should be from a firm who has previously supplied and installed the same brand in at least five cast insitu Synthetic Athletic Track in India including complete sub base during the last five years in their individual capacity and not as a Joint Venture. The proposed product/brand should be from European/ American/ Australian/Indian origin only. Colour of the track: Terracota / Green. including coat of Line Marking using Line Paint PU Paint (0.02-0.03kg/sqm). The product offered of Class-2 with minimum 13 mm. thickness.</p> <p>The rate offered product should be including transportation, taxes and levies. Excluding GST</p>	1.00		M2
C	<u>(Finishing Items)</u>			
1	<p>Wall painting with Velvet touch paints of approved make and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface clear of all mortar droppings and other foreign matters and sanding etc. complete all labour, material & tools & tackles as directed.. THREE COATS.</p>	1.00		M2
2	<p>Providing and fixing UPVC doors, windows and partition of approved make with frame size 69mm x 58mm, Sash size - 96mm x 58mm, Mullion size - 68mm x 30mm Casements & Hinged with full reinforcement and white color, 8mm thick heat strengthened glass, Drainage Base, upto floor five level with all materials and labour as directed by the engineerin-charge</p>	1.00		M2
3	<p>Supplying and fixing the following S.S. fixtures for work upto floor two level, of approved quality to the doors, windows, cupboards,etc complete as directed by Enginner-in-charge</p>			
	(A) Door Stopper S.S. 150mm	1.00		Each
	(B) Hydraulic Door Closer heavy	1.00		Each

4	(C) S.S. mortise lock handle with lock body cylinder & adopter for double door.	1.00		Each
5	Providing & fixing of Room Name Plate of size 22" x 7" with Etched S.S.Plate on teak wooden base polish front over a base of wood including cutting, fixing at size all taxes with all material & labour as directed by Engineer-in-charge.	1.00		Each
6	Providing & fixing Number Plates of size 6" x 6" with Etched S.S.plate on teak wooden base polish front over a base of wood including cutting, fixing at size all taxes with all material & labour as directed by Engineer-incharge.	1.00		Each
7	Providing & fixing false ceiling system using hot dipped galvanized steel section, rotary stitched main tee of size 15mm x42mm web height, having 0.36mm gauge at every 600mm c to c maximum and rotary stitched cross tee of size 15mm x 42mm,having 0.33mm gauge at every 600mm c/c and wall angle of sixze19mm x 19mm, having 0.35mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c in both directions using 2 mm thick pre-straightened GI wire laying Fine Fissured Midrollok Edge with Silhouette Grid ceiling tiles of size600mm x 600mm x 15mm having NRC 0.55, Light reflectance of >84% (WT), thermal conductivity k = 0.052 - 0.057 W/m0K, Humidity Resistance of 99%, having Fire Performance Class O / Class 1 (BS476), and 40mm long anchor fasteners, surface having 3 coats of white paint with FineFissured, back of the tile duty sanded and finished with a coat ofprotective paint over the formed grid complete. The workcomprises of all tools, labours and materials to fix the ceiling inproper way as directed by engineer-in-charge. Before fixing theceiling, the contractor has to approve the brand of all thematerials from the engineer in charge. The work carrid out uptofloor six level 670.00 M2 (Armstrong make)	1.00		M2
8	Providing & fixing of 48" dia DEENDAYAL PORT AUTHORITY Logo - Made from 2mm thick S.S.304 sheet with 2" embossed Lasercut fabriated letters and logo, water proof 3SMD blue LED modules backside letters and mounted	1.00		Each

	with stud on wall (1.25" distance between 2 LEDs), waterproof SMPS / LED driver etc complete as directed by Engineer in charge.			
9	Providing & fixing of 12" dia CISF/DPA Logo - Made from 2mm thick S.S.304 sheet with 2" embossed Lasercut fabriated letters and logo, water proof 3SMD blue LED modules backside letters and mounted with stud on wall (1.25" distance between 2 LEDs), waterproof SMPS / LED driver etc complete as directed by Engineer in charge.	1.00		Each
10	Providing & fixing of Sign Board with LED's - CISF Barrack in English & Hindi both language of size 12" on ACP cladding including electrical wiring , timer etc...	1.00		Nos
11	Providing & fixing false ceiling of 12mm moisture resistant gypsum board panel, screwed to G.I. angle with anchor fasteners frame fabricated with ceiling sections, perimeter intermediate, ceiling angle, security fixed etc.. as required. All joints of panels filled and finished with gypsum jointing compound jointing tapes etc.. complete as per instrusions of Engineer-in-charge. The cost include all cut outs in ceiling for light fixtures, AC, fan anything needed on site as directed by Engineer-in-charge.	1.00		M2
12	Providing skirting or dedo or vitrified tiles of approved maake and size of superior quality i.e. 8 to 10 mm thick of approved make set with cement paste,over a backing of cement plaster 1:4 ,10 mm thick with necessary specials,like border tiles of approved make and shade including pointing the joints with coloured cement and finishing,curing,complete as directed.	1.00		M2
13	Providing 20mm thick POP punning in right angle on wall including mechanical scrapping as directed by engineer in charge.	1.00		M2
14	Providing & fixing of ceiling panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing (A)wooden panel 18 mm ply box	1.00		M2

	framing + veneer melamine polish with mat / glossy finish ,including ceiling light points.			
15	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing 12 mm ply box framing with internal hollow space of 12 mm ply at black+ 6mm soft ply covered with fabric	1.00		M2
16	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing 19 mm ply box framing + vinner + melamine polish with mat / glossy finish ,including light points.	1.00		M2
17	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing 19 mm ply box framing + WPC sheet with paint on applying material ,including light points.	1.00		M2
18	Providing and erecting fully glazed frameless glass door made out of 12 mm thick toughened glass with pencil polish edges all around. Door shall be fixed with double leaf (2.5ft each) at 16.20 M2 main entrance & the top edge firmly connected with solid partition which further jointed to roof lintel/beam through proper glass shall be fitted with PATCH FITTING assembly inclusive of top and bottom patches,(ENOX) Floor spring & all necessary hardware such as Bottom lock, SS brushed handle of 2'0" long 1"dia on both sides. Cost of Floor spring & Etching design on glass door paid separately but other accessories mentioned here are inclusive in the rate which also includes the dismantling of existing Door. Detail as per drawing provided will be consultant.	1.00		M2
19	Providing and erecting fully glazed frameless glass panel made out of 12 mm thick toughened glass work with pencil polish edges all around and glass shall be fitted with PATCH FITTING assembly inclusive of top and bottom patches TOP SS RAILLING.	1.00		M2

20	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing 12 mm double ply photo framing + MDF + duco paint + depth 300mm shelf ply + vineer + melamine polish with mat/glossy finish + notise board 2400 x 4800 mm.	1.00		M2
21	providing and laying brick cluster with flex stone 'brick naturale' having approx 18 -20 mm thickness and coverage of approx 0.17 square feet per piece using adhesives and having 'natural' pattern as approved by consultant including proper installation and achieving a levelled smooth surface and including other coincidentals etc.	1.00		M2
22	Providing and fixing in position S.S. name plate letters as per the approved drawing. The stroke/width of the letter will be 2", emboss will be of 2" & height of the letter will be 12" in English script. SS304 Glossy Matt finish having thickness of 18 gauge/1.2 mm including necessary 1 Nos. approved brand material, fixture and finishing, requisite scaffoldings etc. complete job as required and as per the direction of Engineer in charge. (Name plates are to be fixed over building walls at the height of 1.83 as per the guidance of the consultant.)	1.00		M2
23	providing and installing brass inlays in flooring with tee shaped brass plates having polished surface comprising hard texture, having width and thickness as specified and approved by the consultant and to be laid in accordance with the drawings prepared by the consultant including complete finishing and all other coincidentals with installation charge.	1.00		Rmt
24	providing & fixing of ceiling panels with following specifications including all material & labour as directed by engineer-in-charge and as per drawing wooden panel 19 mm ply box framing + all side MDF + duco paint ,including profile light section & points connectinf wall pannels	1.00		M2
25	providing & fixing of louvers roller curtain on the windows with all necessary fixtures and all its accessories as per requirement and of approved	1.00		M2

	colour and make complete with all labour and material etc. as directed by engineer in charge.			
26	Providing & fixing of Wooden Palmet 600 mm/450mm x 150 mm using 12mm thick plywood sheet on top & back & 19mm plywood on front with 6mm thick terakwood beading hinged on 150mm wooden support with 6mm hinge including automotive paint as directed all labour & materials complete.	1.00		Rmt.
27	Providing & fixing of Tag Board using backside 6mm thick plywood with covering Fabric including nails, fevicols & labour etc..complete as directed.	1.00		Rmt.
28	Filling of cracks with cement mortar 1:1:2 consisting of one part of cement, one part of sand and two parts of six mm fine grit by making V-groove of size 25mm deep and 40mm wide in masonry up to height of six metre complete with scaffolding, curing etc. as directed by engineer in charge.	1.00		Rmt.
29	Providing and laying mat finish full body vitrified parking tiles of 16 mm thickness of size 600x600 mm or more of 1st quality of approved make, in all colours, shades laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing/filling the joints/grooves with epoxy filler and matching pigments etc., complete as directed by Engineer in charge.	1.00		M2
30	providing & fixing of executive 360' revolving chair with high back and ss body base with wheels & pneumatic up & down with one point locking mechanism.	1.00		No.
31	Supplying of furniture of various size and categories like working tables, chairs, for officers / J.E's / Clerical staff of all sections as per the attached plan. Complete with all labour & materials (As per List Mentioned below). (A) Working table with metal framing, ply with laminate top and two drawers with lock.	1.00		No.

32	B) Officer table with metal framing ply laminated top and two drawers with lock	1.00		No.
33	Providing and fixing of cupboard / side rack 0.45 m depth but variable length made with 18 mm thick plywood top, side, down & 2 shelves with 6mm thick plywood @ the back. Top, front sides to be laminated with 1.0 mm thick sheet. Down to be fixed as sliding / openable panel and one coat primer & two coat paint to be applied on the inside, including cost of all the labour, materials, nails, fevicol, screws, taxes etc. complete as directed by Engineer-in-charge. Plywood to be used shall confirm by IS 303-1989.	1.00		M2
34	Providing and fixing plywood partition between working tables (As Shown In Drawing) consist of frame work of hard wood of size 50 x 50 mm thick with require numbers of bracings horizontally as well as vertically covered with 6mm thick ply on both side of frame and finished with 1.00 mm thick of laminated sheet all materials shall be used of approved quality brand and shed complete with cost of nails, fevicol, screws, taxes etc. of all labours and materials as directed engineer-in-charge	1.00		M2
35	Supplying & fixing of 250 LPH R.O. Water purifier at CISF Barrack with following specifications:-	1.00		Nos
	•Power stabilizer with necessary arrangements for electricity supply (wiring, plug point, etc.)			
	•ISO standard water tank (500 liters capacity, up to 4.00m height) with all necessary ISO standard fixtures and fittings.)			
	•One-year warranty with three free services in one year for the RO plant, including all labor and materials at no cost.			
	•Completion as directed by the Engineer in charge, with all materials, labor, tools, and tackles.			
	Feed Water Quality			
	(A) pH : Between 3 to 11			
	(B) Suspended solids			
	(C) Turbidity. : Less than 1 NTU			
	(D) Free Iron as Fe+3 : Nil			

	(E) Free organic solvents : Nil			
	(F) Free chlorine : Nil			
	(G) Oil & Grease : Nil			
	(H) Output TDS : <200 TDS 90% Rejection from Raw Water			
	(I) Dissolved Silica : Less than 10ppm.			
	(J) Temperature : 40 Deg. C.maximum			
	(K) Input TDS : 2500 maximum			
	RAW WATER TRANSFER PUMP			
	Quantity One No.			
	Type Centrifugal pump			
	Make Lubi/Crompton/Aroma			
	Material Stainless Steel 304 or 316			
	Power consumption 0.5 HP			
	Type of Drive I Phase, 240 V AC, 50 Hz			
	Capacity 1.5 m3/hr			
	Discharge Pressure 2.5 – 3.0 kg/cm2			
	Purpose To pump raw water at required pressure so as to enable transfer through the RO pre-treatment stage.			
	PRESSURE SAND FILTER & ACTIVATED CARBON FILTER			
	Quantity 1 No.			
	Type Vertical Pressure Vessle			
	M.O.C. of Vessel FRP			
	Make of Vessel Waterflow / Wave Cber / UKL			
	Size 12" x 52"			
	Service Cycle Whenever pressure drop across unit exceeds 0.8 kg/cm2			
	Capacity 1200 LPH			
	Frontal Pipe Work APVC			
	Operating Pressure 3.0 kg/cm2			
	Make of valve Innitiative / UKL			
	Type of Valve 1" DIAPHRAGM			
	Backwash Duration 15-20 Mins.			
	Filtering Media Silica Quartz Sand, Gravel, Pebbles & activated Carbon etc.			
	Application To filter out suspended solids up to 25 micron size & To remove color, odor and some of organics impurities.			
	MICRON CARTRIDGE FILTER			
	Quantity One No.			
	Replaceable Cartridge Spun			
	Size of Cartridge 4" x 20" (w x l)			

	Type Replaceable Cartridge			
	Flow Rate 1.5 m3/hr			
	Operating Pressure 2.5 kg/cm2			
	Application of Cartridge To protect the membrane and the high pressure pump from suspended particles.			
	Dosing Pump			
	Quantity One No.			
	Capacity 0-6 L.P.H.			
	Type Electronic Diaphragm type Dosing pump with level controller.			
	Operating Pressure 1.5 kg/cm2			
	HDPE Tank Size 100 Liters			
	Make Edose / Aqua / UKL			
	HIGH PRESSURE PUMP			
	Quantity One No.			
	Type Vertical Pump			
	Capacity 1200 LPH			
	Make SUMO/C.R.I/LUBI			
	Discharge Pressure 2.5 – 3.0 kg/cm2			
	Power Consumption 1.5 HP			
	Make Lubi			
	MOC Brass			
	Application To boost water energy so as to pass through the membrane module at high pressure for obtaining the desired permeate quality.			
	RO MODULE			
	Quantity One Lot			
	Item RO Module consisting of Membrane Housing with RO membranes Mounted on skid & FRP pressure tubes.			
	Type of Membrane Thin Film Composite Polyamide			
	MOC of Membrane Polyamide			
	Make of Membrane HI-TECH / TORAY USA / Flimtec USA			
	Size of Membrane 4”Dia 40” Length (4040) 2500GPD			
	No. of Membranes Required 1 Nos.			
	MOC of Membrane Housing FRP Nos.			
	Make of Membrane Housing ALPHA/PANTHARE			
	Size of Housing 4” DIA 40” LENTH 250 PSI,			
	No. of Housing Required 1 Nos.			
	Operating Pressure 14 to15 kg/cm2			
	Feed Flow 1200 LPH			

	Product Flow Rate 250 LPH			
	Application of membrane To reduce dissolved salts present in water. (TDS)			
	Skid MS			
	Rota Meter 2 Nos.			
	Pressure Gauge Meter 2 Nos. Glisrine			
	Electric System Fully Automatic			
	TDS Meter 1 Nos.			
D	Garden			
1	Supplying decorative / ornamental plants of various types with round earthen / CC pots of approx. size 30cm dia including plastic tray, decorative plants, sweet earth, manure including painting to pots. Decorative plants to be supplied at the place as directed by engineer-in-charge including loading, un-loading and transportation.			
	CISF Building at Garden / Office (4 time in year)	1.00		Each
2	Supplying decorative / ornamental plants of various types as directed by engineer-in-charge. Including loading, un-loading and transportation.			
	CISF Building at Garden / Office (4 time in year)	1.00		Each
3	Supplying of flexible garden pipe 1" dia.			
	CISF Building for 2 year	1.00		Meter
4	Supplying and spraying of medicine/pesticides like rogar/victor/forete etc. for garden.			
	CISF Building at Garden / Office (4 time in year)	1.00		liter
5	Supplying and ploughing of semi carpet lawn including excavation and ploughing of grass, watering etc. complete on the place as directed by engineer incharge. (excluding the cost of water) including loading, un-loading and transportation.			
	CISF Building at Garden / Office (4 time in year)	1.00		M2
6	Rewinding of 1 HP submersible pump using suerenamel copper winding wire with class"F" insulating material including tapping, heating, varnishing and re - assembling etc. complete with all labour and removing and re-fixing of pump as directed by engineer in charge.	1.00		Each
	Providing & fixing of fountain including following items:-			
	(i) Providing & fixing Nozzle with ball joint and control valve brass metal.	1.00		Nos.
	(ii) Providing & fixing pump 7.5 hp submersible (Approved make).	1.00		Nos.
	(iii) Providing & fixing Electrical panel MS metal powder coated.	1.00		Nos.

	(iv) Providing & fixing 2.5sqmm 3 core cable and 1.5 sqmm 4 core cable ISI.	1.00		Meter
	Supplying of water sprinkler system full set discharging water in 25' ft dia area as directed.	1.00		Each
7	Collection of sweet earth with 5% 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)	1.00		M ³
	Total Rupees _____ Only.			