



DEENDAYAL PORT AUTHORITY



Office of the Superintending Engineer,
Harbour Division, Nirman Building,
New Kandla (Kutch), Gujarat-370210.



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ISO 9001:2008 ISO 14001:2004

No: HW/WK/EOI/2598

Dated : 09/12/2054

To,
M/s

Expression of Interest

**Sub. : Providing RCC Cable Trench for Electric Cables inside
Cargo Jetty Area – Laying of OFC (Optical Fiber Cable).**

Sir,

Deendayal Port Authority intends to invite e-tender for the subject work.

Kindly submit your budgetary-offer for the subject work on the basis of tentative requirements of items execute for work enclosed herewith.

The rates quoted must be inclusive of all taxes, & exclusive of GST.

Your budgetary offer for the above work should reach to the above mentioned address on or before 15/12/2025.

Thanking you,

Encl. : As above

Yours faithfully,

Sd/-

Executive Engineer (H)
Deendayal Port Authority

Date :-

To,
The Executive Engineer (H)
Deendayal Port Authority
New Kandla

Sub. : Budgetary offer for the work of “Providing RCC Cable Trench for Electric Cables inside Cargo Jetty Area – Laying of OFC (Optical Fiber Cable)”.

Sr. No.	Item Description	Rate (in Rs.)	Qty.	Unit
1	Drilling of horizontal bore holes for crossing under the roads / railway line / RCC concreted road in all strata in any type of soil / road crust material / GSB / WMM with required length. This including of fixing of HDPE pipe of in bored hole with pushing method, complete with all labours, cost of horizontal boring, cost of HDPE pipe & fitting, cost of excavation or demolition of concrete on both side, making ground in original position, construction of OFC chamber to be provided as per advised of EIC, Supply and fixing of route markers engraved and painted on both sides along the OFC route at every 50 Mtr. and at chambers as per advised by EIC. OD – 40 MM and ID – 33 MM		2500.00	Mtr.

Note : Rates shall be exclusive of GST



TECHNICAL DATASHEET FOR 33 M HIGHMAST FLAG SYSTEM

Sr. No.	Parameter / Details of Item	Requirements	Bidder Confirmation
1	FLAG MAST SYSTEM		
	Height of mast	33 Meter	
	Make	Bajaj/Valmont/ Transrail/ Lysaught or equivalent per IS Standard	
	No. of Sections	3-5 sections (or as per OEM design for 33 meter height)	
	Material construction	Low Silicon ($\leq 0.06\%$) High Tensile Steel Sheet as per IS 2062 / BS EN 10025 Equivalent.	
	Grade of Steel	IS 2062 grade E350 / BS EN 10025 grade S355 or Equivalent	

	Thickness of section	Bottom 8-10 mm Top 6-8 mm (as per design) (remaining sections thickness 6 mm to 10 mm)	
	No. of circumferential welds/ section	Only between base plate and shaft (Overlap of approx. 750 mm)	
	Cross section of Mast	Polygonal (20-sided polygon)	
	Base diameter and top diameter (A/F)	Top - 150-200 mm, Bottom- 600-1000 mm (or as per design)	
	Metal protection treatment for Mast Section	Hot Dipped Galvanized As per BS EN ISO 1461	
	Size of opening door at base	1200 x 300 mm	
	Diameter of base plate	730 – 930 mm	
	Thickness of base plate	40 – 60 mm	
	Grade of Steel for Base Plate	E250 Grade as per IS 2062 or Equivalent	
	Decorative finial / Finish	Glass Fiber Reinforced Finial (Dome)/ Aliphatic grade U.V Stabilized polyurethane paint	
	Max. wind speed	As per IS 875 Part III	
2	FOUNDATION BOLTS		
	Number of foundation bolts	12 nos. (or as per design requirement)	
	PCD of foundation bolts	High Tensile Stud as per requirement of approved design. (850 mm x 30 mm)	
	Grade of Foundation Bolts		
	Bolt diameter/Length		
3	CABLE		
	Type	Power Cable	
	Material	Copper conductor XLPE insulated PVC sheathed, Armoured	
	Conductor size	2.5 sq. mm	
	No. of cores	3 Core	
	No. of circuits	Single	
4	WINCH (Suitable for 8 mm wire rope)		
	Number of drums/winch	Double drum	
	Capacity	750 Kgs. or more as per design requirement	
	Method of operation	Manual and Electrical	
5	GALVANISED WIRE ROPE		
	Grade	Galvanized	
	Number of ropes	8 mm rope for flag hoisting & 3 No additional for standby and safety rope	
	Construction	7/19	

	Diameter (MM)	8 MM	
	Breaking load capacity	Minimum 4000 kg or as per design requirement	
6	POWER TOOL		
	Type	Integral motor and IE-2 BIS Certified	
	Input supply	3 Ph., 415V AC	
	HP/Number of Poles	HP required minimum for raising and lowering mechanism (or as per design)	
	Reversible/Non-reversible	Reversible	
7	TORQUE LIMITER		
	Lifting capacity	As per design requirement	
	Adjustable/Non-adjustable	Adjustable	
	Tripping device	Mechanical	
8	AESTHETIC FINISH		
	Flag Mast Shaft	Polyurethane (PU) paint over the galvanized surface	
	Overall Coat thickness (Galvanization + PU Paint)	Minimum 180 Microns (to be checked on site, firm to submit test result for thickness)	
9	LED FOCUS LIGHT		
	No of lights	4 (1 on each pole)	
	Type of light/ Watt	LED focus light/ 1000 watt	
	Protection	IP65 and above	
	Make	Phillips/ Syska/ Havells/ Bajaj or equivalent as per IS standard	
10	INDIAN NATIONAL FLAG (TRI COLOUR)		
	Size	20 Ft. x 30 Ft.	
	Material	Polyester fabric with reinforced super strong nylon webbing	

List of Approved Materials

- High Mast and lighting Pole : Bajaj/Valmont/ Transrail/ Lysaught or equivalent per IS Standard
- Motor. : Crompton/Kirloskar/Bajaj/HEM (Hindustan Electric Motors)/Havells.
- LED fittings : Phillips/ Bajaj/ Havells
- Aviation light. : Bajaj/Philips or equivalent
- PU Paint : Surya/MRF or equivalent
- Polyester resin for Dome : Orsons or equivalent as per standard

- Matt Glass for Dome: Owens Corning or equivalent
- Inverter :- Microtek/ V-Guard/Luminous or equivalent
- Battery: - Exide/Amara Raja/or Equivalent or equivalent

Note :-

1. Unless otherwise specified, the brand/make of the material as specified in the item nomenclature or in the particular specifications or in the list of approved materials attached in the tender, shall be used in the work.
2. The Contractor shall obtain prior approval from the Engineer-in-charge before placing order for any specific material/ Brand/ Make.
3. Whenever the specified brand of material is not available than, the Engineer-in-charge may approve any material equivalent to that specified subject to proof being offered by the Contractor for its equivalence and its non-availability to his satisfaction

