

**NOTICE INVITING BUDGETORY OFFERS**

Name of Work	<b><u>Provision of shore supply at Finger Jetty 1 and 2.</u></b>
Budgetary Quotation no:	CME/XEN (E-HR)/2026/H16/B2
Date of submission of budgetary quotation	On or Before <b>15/05/2026</b>
Address for communication:	Executive Engineer (E-HR), 2nd floor, Mechanical Engineering Department, Mormugao Port Authority, Admin. Building, Headland sada Vasco-de-Gama Goa - 403804
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**EXECUTIVE ENGINEER (E-HR)  
MORMUGAO PORT AUTHORITY**

## **TECHNICAL SPECIFICATION**

### **1. GENERAL**

MPA intends to provide of shore supply to the Coast guard vessel at Finger Jetty 1 and 2.

### **2. SCOPE OF WORK :**

- 2.1 The contractor shall supply panel as per the specification. The contractor shall install the panel at berth by anchoring the stand to berth and then casting concrete pedestal for all legs.
- 2.2 The contractor shall supply new 3.5-core x 300 sq.mm, 1.1KV grade XLPE Aluminium armoured) cable. The cable must provide to the site in undamaged condition and the test report must be submitted to the Site Engineer before laying the cable.
- 2.3 The contractor shall supply 4" 'B' class GI pipes to lay the cable across the road and on the berth.
- 2.4 The contractor shall lay 2 runs of 3.5C x 300 sq. mm XLPE Alluminium armoured cable through existing trench from LT panel at substation A to new feeder pillar at finger jetty 1 and 2. The cables shall be laid by removing the trench cover and placing it back after laying the cable.
- 2.5 The contractor shall lay two runs each of 3.5-core x 300 sq.mm XLPE Aluminium armoured cable on berth through GI pipe. The pipe along with cable shall be laid at the depth such that it is not visible on the berth. The pipe shall be secured to the berth by concreting. The berth shall be restored to original condition using high-strength concrete.
- 2.6 The contractor shall lay 2 runs cable of 3.5C x 300 sq. mm XLPE Alluminium armoured cable across road through GI pipe by digging the road to a depth of 1.2 meter. Followed by laying GI pipe along with cable at the bottom of trench and then back filled. The road shall be restored to original condition using high-strength concrete.

- 2.7 The contractor shall provide end termination for cables of size 3.5 core x 300 sq.mm by providing suitable glands and lug. All the material required for termination including gland lugs shall be supplied by contractor.

### **Panel specifications**

The contractor shall design and supply stainless steel control panel with rain water canopy. It must comply with IP66 standards, ensuring dust, damp, vermin, and weather proofing. The panel shall be fabricated from SS-316 grade sheet, 2mm thick, double door type, powder coated with dimension not less than 1400 mm (W) X 360 mm (D) X 940 mm (H). Proper cut outs must be provided so that all live parts of MCBs are out of human reach. Panel shall be provided with 35x35x5 SS 316 angle stand of clear height of 400mm above ground. All the work including grouting of the panel has to be carried by the contractor. Drawings of the panels must be approved by the Engineer-in-Charge prior to manufacture. Each panel shall be spacious for easy maintenance and shall be provided with the following components:

<b>SR. NO</b>	<b>SPECIFICATION</b>	<b>QTY.</b>	<b>Unit</b>
A	Incomer		
1	800A 4P 36 KA MCCB MP Based with O/L, S/C Protection	1	Nos
2	Extended Rotary Handle	1	Nos
3	6A SP MCB - 10KA "C" Curve	3	Nos
4	0-500V Volt Meter with inbuilt S/S - Digital 96 X 96	1	Nos
5	800/5A Amp Meter with inbuilt S/S - Digital 96 X 96	1	Nos
6	800/5A 10VA CL-1 CT Tape Wound Type	3	Nos
7	CT Shorting Terminal	3	Nos
8	R,Y,B Indicating lamp - LED Type 230V AC	3	Nos
9	Neutral link	1	Nos
B	Busbar - Copper	Set	Set
	800A TPN Busbar with H.S. Coloured Sleeve		
	50 X 10 X 1 For Phase & 25 X 10 For Neutral		
	25 X 5 For Earthing		
	Digital Energy meter (sealable) with required CTs	1	Set
C	Outgoing Feeder		
F1	400A 4P MCCB Feeder	1	
1	400A 4P 36KA T/M MCCB with O/L, S/C Protection	1	Nos
2	Spreader terminal	1	Nos
3	Extended Rotary handle	1	Nos

F2	630A 4P MCCB Feeder	1	
1	630A 4P 36KA T/M MCCB with O/L, S/C Protection	1	Nos
2	Spreader terminal	1	Nos
3	Extended Rotary handle	1	Nos
F3	200A 4P MCCB Feeder	1	
1	200A 4P 36KA T/M MCCB with O/L, S/C Protection	1	Nos
2	Spreader terminal	1	Nos
3	Extended Rotary handle	1	Nos

**PRICE SCHEDULE (BILL OF QUANTITIES)**

**Provision of shore supply at Finger Jetty 1 and 2.**

Sr. No.	Description of work	Qty	Unit	Rate Per Unit (Rs)	GST %	Amount (Rs)
A	B	C	D	E	F	G=ExC
1	Supply of Feeder pillar panel as per the specifications.	2	No.			
2	Installation, testing and commissioning of feeder pillar panel including anchoring and casting as per scope of work.	2	No.			
2	Supply of B class GI pipe of diameter 4 inch	440	M			
3	Supply 3.5C x 300 sq. mm XLPE Alluminium armoured cable.	1200	M			
4	Laying of 3.5C x 300 sq. mm XLPE Alluminium armoured cable through existing trench by removing the trench cover and placing it back after laying the cable.	760	M			
5	Laying of 3.5C x 300 sq. mm XLPE Alluminium armoured cable across road through GI pipe.	120	No.			
5	Laying of 3.5-core x 300 sq.mm 1.1 KV XLPE Aluminium armoured cable, laying through 4-inch GI pipe (cost should include groove cutting in concrete berth and restoring the berth with proper concrete post-laying)	320	M			
6	Providing end Termination of LT 3.5 core x 300 sq.mm cables by providing suitable glands and lug.(All the material required for termination including gland lugs shall be supplied by contractor)	8	Nos.			
<b>TOTAL (Rs)</b>						

(In Rupees \_\_\_\_\_ Words only).

Date:

Signature:

Place:

Name:

Address:

**Office seal of firm:**

**Note:**

1. The bidder shall quote the price exclusive of GST. Applicable GST shall be paid on the quoted price. The bidder shall indicate the applicable GST rate on the goods/services in the price bid.
2. The quantity specified in BOQ is indicative, however, payment will be made as per actuals.
3. The BOQ shall be read in conjunction with Scope of work.