

NOTICE INVITING BUDGETORY OFFERS

Name of Work	Supply and laying of 4 core X 240 sq.mm aluminium armoured cable.
Budgetary Quotation no:	CME/XEN (E-HR)/2026/H16/B1
Date of submission of budgetary quotation	On or Before 23/01/2026.
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 lay 2 runs of 4 core x 240 sq.mm 1.1KV grade XLPE Aluminium armoured cable from Compact substation to Fedder pillar 3 and 3 runs from compact substation to feeder pillar 4 at Mole berth.

2. SCOPE OF WORK :

- 2.1 The contractor shall supply new 4-core x 240 sq.mm 1.1KV grade XLPE Aluminium armoured cable. The cable must be delivered to the site in undamaged condition. Additionally, the contractor must provide the cable test report to the Site Engineer.
- 2.2 The contractor shall lay the cable in the trench after removing the existing slabs, approximately sized 125x100x20 cm (*LBW*). Where necessary, the contractor should secure the cables to the wall using appropriately sized saddles, ensuring the cables are installed at a height of at least 1 meter above ground level.
- 2.3 The contractor shall supply GI pipes with a 4-inch diameter. These pipes shall be laid with cable running through them across berth from trench to feeder pillar. Before laying these pipes old pipes shall be removed along with the cable. After the cables are laid, the berth should be restored with cement concrete.
- 2.4 The contractor shall lay two runs of 4-core x 240 sq.mm XLPE Aluminium armoured cable from the Compact Substation to Feeder Pillar 3 and three runs from the Compact Substation to Feeder Pillar 4. The contractor must supply accurate cable length measurements to prevent the need for joints. The maximum cable length required, including the loop in the trench and at the distribution panel, is approximately 800 meters. If the contractor determines that joints are unavoidable, the cost for jointing, including the jointing kit, will be the contractor's responsibility.
- 2.5 Upon completion of the cable installation, the cable trench must be covered with the original slabs. Additionally, the berth should be restored to its original condition by properly concreting the area. All damaged/broken slabs shall be replaced by the contractor. If any cable is found lying on top

of the trench, the contractor shall reposition the cable beneath the slab. In case any slab gets damaged by the contractor during removal, the same shall be replaced at the contractor's own cost.

- 2.6 The contractor shall remove all old and damaged cables from the trench prior to laying the new cables.
- 2.7 The cables must undergo insulation resistance (IR) testing. If the test results are satisfactory, the contractor shall terminate the cables at both ends using suitably sized lugs and glands. All materials including gland, lugs etc. required for the termination must be supplied by the contractor.

3. MINIMUM ELIGIBILITY CRITERIA

- i. Only Electrical contractors possessing a valid Electrical license to work on minimum 1.1KV lines issued by the licensing board shall be eligible to quote for the enquiry.
- ii. The Bidder shall have successfully completed one Similar Work during last 7 (Seven) years ending last day of month previous to the one in which quotations are invited.

Note: Similar works means "Laying of H.T/L.T Electrical power cables at Central Govt. / State Govt. / Port Sector / PSU or any reputed organization".

4. SPECIAL TERMS AND CONDITIONS

- i. The Contractor shall commence and complete the work as per the BOQ and technical specifications. The work and quantity is to be carried out as per the site conditions and relevant IS standards.
- ii. The Contractor shall complete the work in all respect to the satisfaction of the Engineer-In-Charge or his representative.
- iii. The work should be carried out with utmost safety precaution with minimum possible disruption of power supply. The contractor has to ensure that that cables are disconnected on both the sides.

5. Completion Period:

The entire work shall be completed within **90 days** from date of issue of Letter of Award (LOA) / PO.

6. Guarantee Period:

The Contractor shall guarantee the subject work for a period of one year from the date of satisfactory completion of work and acceptance by Port. If any defect is observed during the guarantee period, the same shall be rectified by the Contractor, free of cost under guarantee obligations.

PRICE SCHEDULE (BILL OF QUANTITIES)

Supply and laying of 4 core X 240 sqmm aluminium armoured cable.

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 4 core x 240 sq.mm XLPE Aluminium armoured cable.	4000	M			
2	Supply of GI pipe of diameter 4 inch	150	M			
3	Laying of 4-core x 240 sq.mm 1.1 KV XLPE Aluminium armoured cable: 2 runs from Compact Substation to Feeder Pillar 3 and 3 runs from Compact Substation to Feeder Pillar 4 at Mole Berth					
3. a	Laying through 4-inch GI pipe (cost should include groove cutting in concrete berth and repairing with concrete post-laying)	150	M			
3.b	Clamping on wall (cost should include saddles and nails required for clamping)	250	M			
3.c	Through RCC trench (cost includes removing and re-fixing slabs after cable laying)	3600	M			
4.	Providing end Termination of LT 4 core x 240 sq.mm cables by providing suitable glands and lug.(All the material required for termination including gland lugs shall be supplied by contractor)	10	Nos.			
5	Removal of old damaged cable from the trench	4000	mtr.			
6	Casting of RCC trench slabs of size 125 x 100 x 20 cm (L x B x W), including provision of two lifting hooks and placement of the slabs over the trench.	35	no			
TOTAL (Rs)						

(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.