



आईएसओ 9001-2015 पत्तान
AN ISO 9001-2015 PORT

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT
ELECTRICAL HARBOUR SECTION

NOTICE INVITING BUDGETORY OFFERS

Name of Work	“Location and rectification of cable faults of 05 nos., underground laid Aluminium armoured LT power cables at MPA”
Date of submission of budgetary quotation	On or Before 11/08/2022 at 15:00 Hrs.
Address for communication:	Executive Engineer (E-HR), 2nd floor, Mechanical Engineering Department, Mormugao Port Authority, Admin. Building, Headland sada Vasco-de-Gama Goa - 403804
Contact Details	Phone : (0832) 2594207, 2594577 Email : mohamed.shaik@mptgoa.gov.in
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EXECUTIVE ENGINEER (E-HR)
MORMUGAO PORT AUTHORITY



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Sub: Location and rectification of cable faults of 05 nos. underground laid Aluminium armoured LT power cables at MPA"

Ref: Budgetary Quotation No. CME/XEN (E)/HR/ H-6/22/B3

Mormugao Port Authority intends to carryout work of "Location and rectification of cable faults of 05 nos. underground laid Aluminum armoured LT power cables at MPA".

As such, it is requested to kindly furnish budgetary quotation for the same (Scope of work, technical specifications are enclosed at Annexure-I and Price Schedule enclosed at Annexure- II).

Your budgetary quotation should reach to this office on or before 11/08/2022 at 15:00 Hrs.

Thanking you,

Yours sincerely,

EXECUTIVE ENGINEER (E-HR)

Annexure-I

TECHNICAL SPECIFICATION

Bid should be complete and covering the entire scope of job/ supply and should conform to the technical specifications indicated in the bid documents. Incomplete and non-conforming bids will be rejected outright.

1.0. SCOPE OF WORK

1.1 Working Area :

Mormugao Port Authority area as directed by the Engineer-In-Charge.

1.2 General

Contractor shall make himself fully familiarized with the locations and the type of jobs to be carried out therein, so that he clearly understands the scope of work and assesses the requirement of resources required for smooth and efficient execution of the contract. He may contact the respective Engineer-In-Charge for this purpose.

1.21 Execution of job includes execution of all preceding and connected jobs.

1.22 The Contractor shall work as per the planning & priorities given by Engineer-In-Charge.

1.23 Materials used shall be strictly as per specification.

1.3 Mode of Measurement:

Measurement of work will be made as per actuals on the UOM (Unit of Measurement) as quoted in the BOQ (Bill of Quantity) and as per specification. Cable has to be rectified in and commissioned in all respect no half work on cable will be accepted

1.4 No of Cables and Length to be rectified :

Total 5 nos. LT Aluminium armoured underground laid cables with length varying between 200 m to 800 m approximately are proposed for rectification of faults.

1.2 The detail scope of work for location and rectification of above cables is as follow but not limited to:-

- a. Ensure that the cables are disconnected on both the sides.
- b. Pin Point the fault on the cable by using cable fault locating equipment.
- c. Expose the faulty portion of the cable by excavating the fault area.
- d. Cut the damaged cable portion as per safe industry practice and megger the cable on both the sides and note the megger values.
- e. Join the cable using heat shrinkable cable joint kit.
- f. In case of additional fault on the same cable, the same has to be pin pointed and rectified, following procedure as given above from Sr.No. 1.2a to 1.2e.
- g. The excavated area should be thereafter backfilled, cleaned and provided with rubber soling and PCC if required.

Note: The cable piece of required size and length for making cable joints, if required, will be supplied by the Port.

1.3 After making of cable joints, the cable shall be reconnected, tested and commissioned in all respect before attending the next cable.

1.4 All other items, tool tackles, material including cable joints, etc. which are required for completion of the work shall be supplied by the contractor.

2. Heat shrinkable joint kit

Type: Heat Shrinkable Straight joint.

Voltage: 1.1 KV

Size:

- a) 3.5C X 185 sq. mm. (Qty. will be based on site requirement)
- b) 3.5C X 120 sq. mm. (Qty. will be based on site requirement)
- c) 4C X 300 sq. mm. (Qty. will be based on site requirement)
- d) 4C X 35 sq. mm. (Qty. will be based on site requirement)

3.0 MINIMUM ELIGIBILITY CRITERIA

3.1 Only Electrical contractors possessing a valid Electrical license to work (valid up to 1.1KV) issued by the licensing board shall be eligible to quote for the quotation enquiry.

3.2 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 "Locating and Rectification of fault on underground laid H.T/L.T Electrical power cables at Central Govt. / State Govt. / Port Sector / PSU or any reputed organization".

4.0 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.

5.0 OTHER TERMS AND CONDITIONS

- i. The firm is advised to visit the site and get acquainted regarding the nature of the work involved at site conditions before quoting the offer.
- ii. The firm should engage skilled service personnel with the relevant required tools and instruments for commissioning the same.
- iii. The Contractor personnel engaged in the work shall follow all safety, security and General Rules enforced by Mormugao Port Authority (MPA) and the firm will only be responsible for the same.
- iv. MPA will not be responsible for any loss or damage of the men / materials / tools / plants engaged by the firm during the work at site / transportation.
- v. No advance payment will be made.
- vi. Final payment will be made only after satisfactorily completion of the work.
- vii. Necessary entry passes shall be obtained by the firm at their own cost with the approval of Port Officials.
- viii. Necessary electrical power supply required for testing of cables will be provided by MPA at free of cost at nearest possible point. However, the firm should make his own arrangements to take power supply from the nearest source of supply.



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ANNEXURE-II

BILL OF QUANTITIES

Name of work: " Location and rectification of cable faults of 05 nos., underground laid Aluminium armoured LT power cables at MPA "

Sr. No.	Description of work	Unit	Rate Per Unit (Rs)	Amount (Rs)
I	Charges for cable fault finding for underground laid 1.1KV Al. Armoured LT cable of any size.	EA		
II	Supply of heat shrinkable joint kit of 1.1KV Al. Armoured LT cable of size and making of straight joint.			
a	4C X 300 sq.mm.	EA		
b	3.5C X 185 sq. mm	EA		
c	3.5C X 120 sq. mm	EA		
d	4C X 35 sq. mm	EA		
III	Charges for excavation and backfilling	M3		

(In Words Rupees _____ only,
exclusive of GST)

Note: 1) The rates quoted shall be inclusive of transportation, lodging and boarding, etc. but exclusive of GST. Applicable GST shall be paid extra as applicable.