

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Quotation no.CME/PROJ-4/2020/01



QUOTATION
FOR
“LOCATION AND RECTIFICATION OF FAULT OF THE POWER SUPPLY
CABLES AT HARBOUR”

Due at 11.00A.M on 10 .11.2020

Website : <https://www.mptgoa.gov.in/>

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Quotations are invited in a sealed cover from experienced firms duly superscribed as TENDER FOR "LOCATION AND RECTIFICATION OF FAULT OF THE POWER SUPPLY CABLES AT HARBOUR"

Details about Quotation:

Quotation invited by	CHIEF MECHANICAL ENGINEER, MORMUGAO PORT TRUST
Quotation No.	CME/PROJ-4//2020/01
Name of Work	Location and Rectification of fault of the power supply cables at Harbour
Completion Period	8 weeks from the day of LOA/PO
Document Cost	Rs.500/- in the form of DD from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa to be submitted along with the tender. (Quotation Documents cost is not refundable).SSI/MSME units are exempted from the payment of Document cost on submission of the Certificate from SSI/MSME for works identical to subject tender. Note: Bidders not paying document Cost before due date and time will be disqualified.
EMD	Rs.6,500/- in the form of DD from Nationalized/Scheduled Banks. SSI/MSME units are exempted from the payment of EMD on submission of the Certificate from SSI/MSME for works identical to subject tender.
Liquidated Damages	For delay in supply/completion of work Liquidated Damages, equivalent to 0.5% of the total contract value/per week or part thereof subject to maximum 5% are liable to be deducted from any monies due or become due to the Contractor.
Payment terms	95% payment will be made within 15 days after satisfactory completion of work on producing invoice complete in all respect. Balance 5% shall be retained as Performance Guarantee towards subject work and released after satisfactory completion of Guarantee period. The contractor shall furnish their bank account number PAN card, MICR number Name of the Branch with Bill for arranging payment made through E.C.S. by the Trust.
Bid Validity	60 Days from the date of opening of the quotation.
Guarantee Period	1 year from the date of taking over of the work.
Date of submission	10 .11.2020 till 11:00 Hrs.
Date of Opening	10 .11.2020 at 11:30 Hrs
Address for communication and submission of bid:	Executive Engineer (E-P), Engineering Mechanical Dept., Mormugao Port Trust,Mormugao, Goa – 403804.
Contact Details	Phone :0832-2594253/11/77/08 ; Email : xenproj.mqpt@gmail.com
Website	https://www.mptgoa.gov.in/

TECHNICAL SPECIFICATION

1.0 GENERAL

Mormugao Port Trust invites a quotation for the work of “Location and Rectification of Fault of the Power Supply Cables at Harbour”.

2.0 SCOPE OF WORK

2.1 LT XLPE cables (3.5Cx240sq. mm) were laid from Compact Substation end to individual feeder pillars on Breakwater and Mole berth through cable trench.

2.2 Some of these cables are partially damaged due to top spot peeling off the cable and subsequently due to failure of joints.

2.3 Contactor shall identify the damaged cables and trace the fault location on seven numbers of these LT cables.

2.4 Then the cables shall be cut at the fault location and both ends shall be meggered to confirm if there are more faults in the same cables. If yes then same shall also be located.

2.5 If the lengths of the cables are healthy then the same shall be joined using straight through jointing kit.

2.6 If the cables faults are located very close to each other, than additional length of cable (cable will be provided by the Port) shall be laid in such a way that the multiple joint are avoided within the short distance.

2.7 The contractor shall shift the Cable drum of 3.5Cx 240sq. mm LT cable from MM Division at Baina to Breakwater berth. (Crane will be provided by the Port)

2.8 Wherever required contractor shall cut the berth surface to lay the cable and make it good after laying the cable.

2.9 Contractor shall lay cable from feeder pillar no. 3 to feeder pillar no. 4 and make straight through joint at the feeder pillar no. 3 end. Other end of the cable shall be terminated in the feeder pillar no. 4.

2.10 At present provision is made in the feeder pillar no. 4 & 5 to terminate 2 nos. of cables. Contractor shall make necessary modification so as to terminate 4 cables. The same can be achieved by fixing additional L shape (copper) busbar of size 50mmx10mm to existing busbars. It may be noted that all the existing busbars are of copper. The gap between the two arms of the busbars shall be such that enough space is left after the termination of the four nos. of cables.

2.11 At the compact substation end, it is required to shift the cable from the feeder pillar 3 MCB to feeder pillar 4 breaker.

2.12 In order to avoid cable damage due to water logging in the future, the Port will fabricate and install cable tray above the trench such that there is enough space to lay cables and cover the trench with concrete slabs. The contractor shall lay the cables on the fabricated tray neatly with proper identification.

2.13 The contractor shall shift feeder pillar no. 2 (of 400Amps capacity) to feeder pillar no. 5 (of 800Amps capacity) by making necessary changes to the base frame and foundation. After the termination of cables, contractor shall confirm and change the naming of ACB/MCCB at compact substation end.

2.14 The contractor shall terminate the 3.5Cx150 to 240sq. mm cables in the feeder pillar and at the Compact substation after shifting of feeder pillars and cables by providing suitable size of Lugs, gland packing, SS nut, bolts, and washers for termination of 3Cx150 to 240sq. mm cables. The lugs, gland packing, SS nut, bolts, and washers shall be supplied by the Contractor.

2.15 The contractor shall place all the concrete slabs on top of the trench after jointing and testing the cables. (Crane shall be supplied by the Port)

2.16 The work shall be carried out by the contractor with all materials and labours.

3.0 INSTALLATION AND COMMISSIONING

The Rectification of Fault of the Power Supply Cables at Harbour shall be done using necessary items with required instruments and tools which are to be supplied by the contractor.

4.0 GENERAL TERMS AND CONDITIONS

4.1 Validity:

The validity period for the offer shall be 60 days from the date of opening of the quotation.

4.2 Price:

The evaluation shall be on the basic price. The rates offered shall be exclusive of GST. If any new tax imposed by the State/Central Govt., same shall be reimbursed by producing documentary proof.

4.3 Performance Guarantee:

5% of contract value will be deducted from the bill and will be retained as Performance Guarantee and released after satisfactory completion of guarantee period of one year.

4.4 Completion Period:

The entire work shall be completed within **8 weeks** from day of issue of LOA/PO.

4.5 Guarantee Period:

The Contractor shall guarantee the work for a period of 1 year from the date of taking over of the work. Any defect observed during the guarantee period, the same shall be rectified by the Contractor, free of cost.

4.6 Payment Terms:

- i. 95% payment shall be made within 15 days after satisfactory completion of work on producing invoice complete in all respects.
- ii. Balance 5% will be retained as Performance Guarantee and will be released after successful completion of guarantee period.
- iii. The contractor shall furnish their bank account details for the payment through ECS by the Trust. A copy of the PAN card, Service Tax Registration no., EPF& ESI shall be furnished. MICR number Name of the Branch along with Bill for arranging payment made through E.C.S. by the Trust.

4.7 Liquidated Damages:

In the event of failure by the contractor to complete the execution of the work within the time stipulated in the contract or by the expiry of any period of extension granted by the Board's terms thereof, the contractor shall pay the Board as Liquidated Damages for delay to complete the work, a sum of 0.5% of contract price per week or part thereof subject to a maximum of 5% and the Board shall have the power to deduct this amount from the payment of the amounts due to the contractor.

4.8 Earnest Money:

The Bidder shall furnish an EMD of Rs.6,500/-, in the form of Demand draft (DD) drawn on Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa. The bid without EMD will not be considered and shall be treated as invalid.

The Earnest Money Deposit of unsuccessful Bidders shall be returned on award of Contract to the successful Bidder. No interest shall be payable on E.M.D.

MPT reserves the right to forfeit the Earnest Money Deposit in respect of successful bidder, if he fails to carry out the work within the stipulated time.

For exemption of EMD, the Certificate from SSI/MSME shall be submitted.

4.9 EPF/ESI : Applicability of EPF and ESI Act.

The tenderer shall ensure strict compliance of the labour laws including those under the Employees State Insurance Act, 1948 and the Employees Provident Fund & Miscellaneous Provisions Act, 1952 and rules and regulations framed therein.

The tenderer shall ensure that the statutory contribution towards the Employee State Insurance Act, 1948 and the Employees Provident Fund & Miscellaneous Provision Act, 1952 in respect of the employees engaged by him are deposited with the authority concerned and a proof having deposited the contribution should be produced at the office of CME by 10th of the succeeding month in which the payment was due.

In the event any tenderer raises a dispute that he is not covered under the provisions of Employees State Insurance Act, 1948 and the Employees Provident Fund & Miscellaneous Provision Act, 1952 such tenderer should obtain Certificate from the Competent Authority under these Acts and produce the same documentary evidence at the office of the Chief Mechanical Engineer.

The amount recovered if any, as statutory dues in respect of the Employees Provident Fund and Miscellaneous Provisions Act, 1952 and the Employees State Insurance Act, 1948 shall be released only after producing documentary evidence / no dues certificate from the authorities under these Acts.

4.10 Security & Safety Requirements:

It will be entirely the contractor's responsibility to take required steps to adequately safeguard the personnel carrying out the work and to ensure that the work is carried out in such a manner that maximum safety to the personnel is assured. Further any insurance etc of the personnel as per regulations in force has to be taken care of by the contractor.

The contractor shall comply with all regulations imposed by the customs and Port security authorities in respect of the passage of vehicle, materials and personnel through customs and Port barriers. No photographs/films of the work or any part thereof and of Plant/premises shall be taken or permitted to the contractor without the specific approval of the General Administration Department of the Port.

4.11 Entry Pass:

The contractor and his workers/ agents shall be required to obtain from TM/ MPT, Entry pass / HEP by filling necessary entry forms and shall carry the same with them during entry, stay and exit from MPT area. The charges for the same are to be borne by the contractor.

4.12 Injury/Damage to persons and property:

The contractor shall take all precautions while carrying out the contract work which generally includes any damage to or loss to Port property or injury caused to Port personnel or to any labour engaged by the contractor, during the execution of the contract. The Port shall not be responsible for any failure on the part of the contractor or his agent to take necessary measures or precautions in this regard.

4.13 Other terms and conditions

- i) All tools and tackles shall be arranged by the Contractor at their own cost.

- ii) The Bidders are advised to visit the site and get acquainted regarding the nature of the work involved at site conditions before quoting the rate.
- iii) The technical specification Schedule 'A' and Schedule of prices and quantities Schedule 'A1' to be read in conjunction to ensure the actual supply and works involved.
- iv) The power supply shall be provided by the Port free of cost for execution of the work, however, the Contractor take power supply from the nearest source by making their own arrangement with prior intimation to the Port Engineer.
- v) The contractor shall provide any items which have not been specifically mentioned in the BOQ, but which are found necessary for completion of the works without incurring any additional expenditure to the Port.
- vi) The Contractor shall pay the labour engaged by him for the work a fair wage, as may be fixed by the Labour Department of the State as per the Minimum wages Act. The payment shall be strictly made to the labour by the contractor through Bank Account.
- vii) Address for communication and submission of bid:
Executive Engineer (E-P), 2nd floor A.O. Bldg, Headland Sada, Engineering Mechanical Dept., Mormugao Port Trust, Mormugao, Goa – 403804. Phone: 0832-2594253/11/77/08.
- xi) Further amendments if any, visit our website <https://www.mptgoa.gov.in/>

CHIEF MECHANICAL ENGINEER

SCHEDULE – “A1”

PRICE SCHEDULE

Sr. No	Description	HSN / SAC Code	Unit	Qty	Rate/Unit (Rs.)		Applicable GST (%)	Amount (Rs.)
					In Fig	In Words		
1.	Tracing of cable fault on 240 sq.mm x 3.5 C, approx. 750 mtrs. Length		nos.	7				
2.	Laying of 3.5C X(150sq.mm. to 240sq. mm) cable in a fabricated cable tray (tray will be fabricated by Port and installed).		Mtr	2000				
3.	Digging the berth to lay 3 nos. 3.5C x 240 Sq.mm aluminium XLPE cable through 'B' class GI pipe and covering with concrete. The cable and pipe will be provided by the Port.		Mtr	50				
4.	Modification of 800A feeder pillar to terminate 2 additional cables of size 240sq. mm. fabrication of L shape copper busbar of size 50X10X1 and fixing.		No.	2				
5.	Supply, Installation, Testing and commissioning of straight through joint kit 3.5 CX240 sq.mm.							
	a) Supply		No.	21				
	b) Installation, Testing and commissioning of straight through joint kit 3.5 CX240 sq.mm.		No.	21				
6.	Termination of 3.5 C(150 - 240sq. mm) aluminium armoured cable with suitable size lugs in Feeder pillar and compact substation.		No.	5				
7.	Decommissioning of Feeder pillar 5 and its shifting to location of F.P. 2 and Commissioning. Existing Feeder pillar no. 2 to be shifted to location of F.P. 5 and commissioning.		LS	1				

Sr. No	Description	HSN / SAC Code	Unit	Qty	Rate /Unit (Rs.)		Applicable GST (%)	Amount (Rs.)
					In Fig	In Words		
8.	Covering the concrete covers on trench. The crane will be provided by Port.		LS	1				
							Total (in figures)	

Total (In Words)

Rupees _____ only.

Date:

Signature:

Place:

Name:

Address:

Office Seal of firm

Note: 1.The offered rates shall be exclusive of GST.

2. Evaluation will be done on Basic Price.

3. Payment will be made at actuals.