

**MORMUGAO PORT TRUST**  
**ENGINEERING MECHANICAL DEPARTMENT**

**Tender no. CME/XEN(E)/ELC/T-38/18-19/T4**



**AN ISO 9001-2015 PORT  
ISPS CODE Compliant**

**TENDER**

**FOR “Replacement of VCB panel at Port Hospital Substation”.**

Due at **15.00 Hrs** on **17-12-2018**

Website: [www.mptgoa.gov.in](http://www.mptgoa.gov.in)

**MORMUGAO PORT TRUST**  
**ENGINEERING MECHANICAL DEPARTMENT**

Tenders are invited in single cover system from firms duly super-scribed as

**TENDER FOR “Replacement of VCB panel at Port Hospital Substation”**

Details about Tender:

Tender invited by	CHIEF MECHANICAL ENGINEER / MORMUGAO PORT TRUST
Tender No.	<b>CME/XEN(E)/ELC/T-38/18-19/T4</b>
Name of Work	<b><u>“Replacement of VCB panel at Port Hospital Substation”.</u></b>
Earnest Money Deposit	Rs.1500/- in the form of DD only 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 in a separate envelope, otherwise the offer shall not be considered.
Security Deposit	10 % of the contract value. Two parts: (i) 5% of contract value – to be furnished in the form of DD only within 10 days upon placement of order/LOA whichever is earlier. (ii) 5% retention money shall be deducted from the running A/c bills.
Completion Period	The work should be completed within <b>60days</b> from the 7 <sup>th</sup> day of receipt of LOA/P.O whichever is earlier.
Liquidated Damages	The contractor shall pay the Board as Liquidated Damages for delay to complete the work, a sum of 0.5% per week or part thereof of the total contract price subject to a maximum of 5% of the total contract price and the Board shall have the power to deduct this amount from the payment of the amounts due to the contractor or from his deposit.
Payment terms	100% payment shall be made within <b>15 days</b> after satisfactory completion and commissioning of work and on furnishing undisputed invoice complete in all respects. The contractor shall furnish their GST code, EPF, ESI, Wage register, Attendance register, PAN card, bank account number, MICR number Name of the Branch along with Bill for arranging payment made through E.C.S. by the Port.
Bid Validity	<b>60 Days</b> from the date of opening of the tender.
Guarantee Period	<b>12 months</b> from the date of taking over of the work upon satisfactory commissioning of the work.
Date of submission of bids	17-12-2018 till 15:00 Hrs.
Date of Opening of bids	17-12-2018 at 15:30 Hrs
Address for communication and submission of bid:	<b>Executive Engineer(E-HL),</b> Mechanical Engineering Department, Mormugao Port Trust, Electrical Section, 1st Floor, Admin. Building, Headland sada, Vasco-da-Gama, Goa - 403804
Contact Details	Phone :0832- 2594241 Email : xene.mgpt@gmail.com
Website	<a href="http://www.mptgoa.gov.in">www.mptgoa.gov.in</a>

**CHIEF MECHANICAL ENGINEER**

## **TECHNICAL SPECIFICATION**

### **1.0 GENERAL**

Mormugao Port Trust invites tender in Single cover system for the work of “**Replacement of VCB panel at Port Hospital Substation**”.

### **2.0 SCOPE OF WORK:**

The work includes Installation, testing and commissioning of VCB panel at Port Hospital in accordance with relevant IS and as per technical specifications.

- 2.1 Disconnection and removal/dismantling of existing 11kV VCB panel from Port hospital substation.
- 2.2 Supply, installation, termination, testing and commissioning of 03nos 11kV P.T's as per technical specification. P.T's to be installed inside the spare VCB panel which is to be installed at Port Hospital.
- 2.3 Procurement of P.T.'s is to be done only after obtaining approval of the 'make'/'brand' by the Chief Mechanical Engineer or his representative.
- 2.4 Spare VCB panel from A.O. building substation which is in good condition will be shifted and made available at Hospital Substation by the Port.
- 2.5 Installation, termination, testing and commissioning of spare 11kV VCB panel at Port Hospital substation. Necessary modification of the foundation if required is to be carried out before Installation of VCB panel. Suitable analog voltmeter (0-15kV) and ammeter (0-30A) to be provided. Also 02nos space heater, thermostat along with MCB has to be installed & commissioned inside the VCB panel (Space heaters, thermostats & MCB's will be provided by the Port)
- 2.6 Old/Dismantled VCB panel is to be shifted to M.M scrap yard at the risk and cost of the contractor/bidder. Transportation cost will have to be borne by the contractor.

### **3. TECHNICAL SPECIFICATIONS:**

#### **3.1 Potential Transformer (P.T)**

- Resin cast indoor, single phase, single pole insulated earthed type voltage transformer conforming to IS:3156/1992.
- P.T's should have build-on fuses of suitable rating on primary side.
- P.T Ratio:  $11000/\sqrt{3}/110/\sqrt{3}$  V, 100VA, Class 0.5, Frequency 50Hz
- P.T Insulation class : B, HSV: 12kV, IL: 12/28/75KV(p)
- Duly tested and certified by MRT/Electricity Department.
- Suitable for the VCB panel which is to be installed at Port Hospital to meet with auxiliary requirement of power, metering & protection.
- 03nos. P.T's to be installed as a single unit inside VCB panel.
- Make: **KAPPA/AREVA/PRAGATI.**

#### **4.0 INSTALLATION AND COMMISSIONING**

- The work should be carried out with utmost safety precaution with minimum possible disruption of power supply.
- The work of Removing existing 11 KV VCB panel at Hospital and installation testing commissioning of VCB panel is to be completed within one day/24hrs. Before starting the work proper prior arrangements are required to be made in co-ordination with the Engineer-In-Charge (EIC) of the Port. Action plan is required to be furnished to EIC upon inspection of site in advance.
- The Contractor shall commence and complete the work as per the BOQ and proper safety precautions should be taken at the electrically charged installation at the substation. The work is to be carried out as per the site conditions and relevant IS standards.
- Installation and commissioning should be carried out to the satisfaction of the Engineer in charge. All left over / scrap materials etc. are to be promptly cleared and transported, wherever necessary from the work site by the Bidder at his own cost and risk as per the directions of EIC.

#### **5.0 GENERAL TERMS AND CONDITIONS**

##### **5.1. Eligibility of the Tenderer**

The following should accompany the bid document in sealed cover, viz.

- i) The contractor should be experienced Electrical contractor who have executed similar works in the past. A scanned copy of completion certificate for having executed similar works shall be furnished along with the bid which shall be verified with the original before award of LOA/P.O.
- ii) Similar works implies installation, testing, commissioning of 11KV Panel or similar HT works.
- iii) Tender document issued by the Port shall be duly initialled on each page with rubber stamp of the Bidder.
- iv) Copy of a valid Electrical Contractors License to work upon HT installations up to 11Kv should be furnished along with the bid document.
- v) Certificate of Registration with PF Commissioner/ESI authorities and GST.
- vi) Price Bid should be duly filled in. Bidders are advised to quote strictly as per the price bid.

##### **5.2 Validity:**

The validity period of the offer shall be 60 days from the date of opening of the bid document.

##### **5.3 Price:**

- i) 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.
- ii) Evaluation will be done considering only the basic price.

#### 5.4 Earnest Money Deposit:

- i) The Bidder shall furnish as part of its bid document, an EMD of Rs.1500/- in the form of DD only in a separate envelope. Bid document without EMD shall be treated invalid.
- ii) To claim EMD exemption, the tenderers are required to produce an attested copy of the NSIC registration Certificate issued in the name of the firm who will submit the tender document. The exemption from the payment of EMD will be allowed only if similar work of the tender match with the enlistment statement shown in the Certificate issued by SSI/MSME registered with NSIC. No claims for exemption without the details stipulated above will be considered.
- iii) In the event of Bidder withdrawing his tender before the expiry of **tender validity period of 60 days** from the date of opening of bid document, the bid document submitted by the Bidder shall be cancelled and EMD shall be forfeited by the Port.
- iv) The Earnest Money Deposit of unsuccessful Bidders shall be returned/refunded on award of Contract to the successful Bidder. No interest shall be payable on the amount of EMD in any case and under any circumstances. The Earnest Money Deposit of the successful Bidders shall be refunded only on receipt of first (part) instalment of security deposit as stated in the NIT of the tender document.
- v) MPT reserves right to forfeit Earnest Money Deposit in respect of successful Bidder, if bidder fails to furnish the necessary Security Deposit towards performance within 10 days of issue of LOA/P.O whichever is earlier.

#### 5.5 Security Deposit:

- i) Security deposit shall be 10% of contract value consisting of two parts:
  - a) **First part:** The Demand Draft of 5% of the contract value rounded off to nearest 100 rupees shall be submitted within 15 days of issue of Letter of Acceptance / Purchase Order whichever is earlier.
  - b) **Second part:** The balance 5% shall be recovered as Retention monies from the running A/c bills. Thereafter, the total of 10% (DD 5% and 5% Retention Money) shall be returned after successful completion of Guarantee period of one year (12 months).
- ii) The contractor shall furnish the Security Deposit in the form of DD only from Nationalized / Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa within 10 days from the date of issue of Letter of Acceptance (LOA) / Purchase Order (P.O) whichever is earlier. The Security Deposit shall be converted to Performance Guarantee during the guarantee period of 12 months.

#### 5.6 Completion Period:

The entire work shall be completed within **60days** from the 7th day of receipt of LOA/Purchase order whichever is earlier. However the work of removal/dismantling of existing VCB panel and installation, testing commissioning of spare VCB panel at Port Hospital substation should be completed within one day/24hrs due to exigencies/criticality of the situation/circumstances.

#### 5.7 Guarantee Period:

The Contractor shall give the guarantee for a period of **12 months** from the date of taking over of the work. Any defect observed during the guarantee period, the same

shall be set right by the Contractor, free of cost without any financial implications to the Port, whatsoever.

#### **5.8 Payment Terms:**

- i) 100% payment shall be made within **15 days** after satisfactory completion and upon successful commissioning of the work on furnishing undisputed invoice complete in all respects.
- ii) The contractor shall furnish their bank account details for the payment through ECS by the Trust. A copy of the PAN card, GST code, wage register, attendance register, EPF& ESI, Bank account number, MICR number, Name of the Branch along with Bills shall be furnished for arranging payment made through E.C.S. by the Trust.
- iii) The bidder shall quote GST No. of MPT (30AAALM0293P1ZY) on all invoices raised on Port. If bidder is not registered under GST or opted for composition scheme under GST, undertaking of the same shall be submitted by the bidder.

#### **5.9 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% per week or part thereof of the total contract price subject to a maximum of 5% of the total contract price and the Board shall have the power to deduct this amount from the payment of the amounts due to the contractor or from his deposit. The GST @18% on LD will be deducted at the time of making payment to Vendors/Contractors.

#### **5.10 Other terms and conditions**

- i) All tools and tackles and logistics involved in the work shall be arranged by the Contractor at their own cost. The transportation cost, if any, shall be borne by the contractor.
- ii) The Bidders are advised to visit the site and get acquainted with the quantum of the work involved and site conditions before quoting for the works.
- iii) The scope of work and bill of quantities at "**ANNEXURE-1**" to be read in conjunction to ensure the actual supply and works involved.
- iv) Necessary Entry passes shall be obtained by the Contractor at their own cost with prior approval of the Port Officials on Duty.
- v) The Trust will not be responsible for any loss or damage to the materials/ tools/plants engaged by the contractor/bidder during the work at site or transportation.
- vi) The Contractor shall take utmost care during the execution of the work, if any damage caused to the Port property, the cost of the damage shall be recovered from the Contractor's running A/c bill or may be recovered by the Board as deemed fit.
- vii) The power supply shall be provided by the Port free of cost for execution of the work; however, the Contractor shall take power supply from the nearest source by making suitable arrangements at their own cost and risk.
- viii) Any work not mentioned herein above but necessary for overall completion of the work shall be deemed to be included in the scope of work without any additional financial implications to the Port, whatsoever.

- ix) Under any circumstances, if the work is abandoned by the contractor for whatever reasons, the same shall be executed for successful commissioning 'thro' the external agency to be engaged by the Port at the risk and cost of the contractor. The expenditure incurred by the Port in this regards shall be recovered from the monies due to the contractor / security deposit or as deemed fit by the Board.
- x) The works shall be carried out with due regard to safety standards prevailing in the Port.
- xi) All the workmen shall be covered under a suitable insurance policy. Accidents, if any, fatal or otherwise at site shall be the sole responsibility of the contractor. The Port should not be held liable for compensation in whatsoever manner under any circumstances.
- xii) ***Address for communication and submission of bid:*** Executive Engineer (E-HL), Engineering Mechanical Department, Mormugao Port Trust. 1<sup>st</sup> Floor, Administrative Office, Mormugao Goa 403802. Contact no: 0832-2594241.
- xiii) Further amendments if any, visit our Website [www.mptgoa.gov.in](http://www.mptgoa.gov.in).

**CHIEF MECHANICAL ENGINEER**

**PRICE SCHEDULE (BILL OF QUANTITIES)****NAME OF WORK: "Replacement of VCB panel at Port Hospital Substation"**

Sr	Description of work	HSN/ SAC Code	Unit	Qty	Rate/Unit		Amount	GST %
					In figure	In words		
1	Disconnection and removal/dismantling of existing 11kV VCB panel from Port hospital substation		No	01				
2	Supply, installation, Termination, testing and commissioning of 11kV P.T's as per technical specification.							
	Supply		No	03				
	Installation, termination, testing and commissioning		No	03				
3	Installation, Termination, testing and commissioning of spare 11kV VCB panel at Port Hospital substation.		No	01				
<b>TOTAL</b>								

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

**Date:****Place:****Signature:****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. Evaluation will be done only on the basic price.



**BANK DETAILS FOR ECS PAYMENT**

1. Name of the Bank and Branch :
2. Account Number :
3. MICR Number :
4. Type of Account :
5. IFSC Number :
6. Copy of PAN Card :
7. G.S.T Regn. No.:
8. EPF No. :
9. ESI Regn. No.

**Firm's Sign and Seal**

Place:

Date:

**APPENDIX - II**

<b>MORMUGAO PORT TRUST, GOA.</b>		
1	Income Tax PAN No.	AAALM0293P
2	GST TIN (Provisional ID Number)	30AAALM0293P1ZY
<b>Vendor GST Details</b>		
1	Business Name	
2	Constitution of Business	
3	Name of Proprietor/Partners/Directors	
4	Principal Place of Business	
5	Name of Responsible Person	
6	Email	
7	Telephone Number	
8	Mobile	
9	Additional Place of Business	
(i)	Email	
(ii)	Telephone Number	
(iii)	Mobile	
10	Income Tax PAN No.(Attached Certified Copy)	
11	GST ID No./Provisional ID No.(Attached Certified Copy)	

I, Mr. Mrs. \_\_\_\_\_ (Proprietor/Partner/Director)  
of M/s. \_\_\_\_\_ do certify that the information  
given above is complete and correct.

Signature  
(Name: \_\_\_\_\_ )

Place: \_\_\_\_\_

Date : \_\_\_\_\_