

# **MORMUGAO PORT TRUST**

## **TENDER DOCUMENT**

**CME/XEN(E)/HL/W-2/2012/CONTRACT-01**

**TENDER FOR DESIGN,  
SUPPLY,  
INSTALLATION,  
TESTING AND  
COMMISSIONING OF  
AMF PANEL FOR  
ADMINISTRATIVE  
OFFICE BUILDING**

**VOLUME – I**

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**MORMUGAO PORT TRUST  
ENGINEERING MECHANICAL DEPARTMENT**

**TENDER NOTICE No. CME/XEN(E)/HL/W-2/2012/CONTRACT-01**

1. Name of the work : Tender for Design, Supply, Installation, Testing and Commissioning of AMF (Auto Mains Failure) Panel for Administrative Office building.
2. Earnest Money Deposit : Rs. Rs. 19,700/- (Rupees Nineteen Thousand Seven Hundred only) in the form of DD from Nationalised Bank.
3. Cost of Tender set : Rs. 500/- (Rs. 650/- by courier)
4. Last date for issue of tender : 12/03/2012, upto 15.00 hrs.
5. Due date of Tender : 12/03/2012, at 15.30 hrs.
6. Ref. Port's website. : [www.mptgoa.com](http://www.mptgoa.com)

(K.C. Kuncheria)  
Chief Mechanical Engineer

## **MORMUGAO PORT TRUST**

### **INSTRUCTIONS TO TENDERERS**

#### **PROCEDURE FOR SUBMISSION OF TENDER UNDER DUAL COVER SYSTEM**

1. Tenders under dual cover system in sealed cover superscribed tender for "**Design, Supply, Installation, Testing and Commissioning of AMF Panel for Administrative Office Building**" are invited from reputed Firms having sufficient experience in the line and for carrying out the above subject work. Tender documents can be obtained from the Cash Section, Office of the Financial Adviser & Chief Accounts Officer, A.O. Bldg., Headland, on payment of Rs. 500/- during working hours.
2. Tender Documents can also be downloaded from Port's website [www.mptgoa.com](http://www.mptgoa.com). The tenderer will be required to pay Rs. 650/- to Port either in cash or by D.D.in favour of FA&CAO, MPT Headland- Sada. Cash receipt or D.D. shall be enclosed along with the tender failing which the tender will not be considered.
3. Tenderers are advised to quote strictly as per conditions stipulated in the tender documents. The following should accompany the tender viz.
  - i) Covering letter from the tenderer on his own letterhead giving full details of alterations, conditions/counter conditions, etc., if any, on which he has based his tender.
  - ii) Volume I of tender documents issued by the Port duly filling in all the blank spaces and initialling on each page with a rubber stamp.
  - iii) List of similar works carried out in the past along with copies of work orders and completion certificates shall be put in the first cover which shall be sealed and superscribed '**Design, Supply, Installation, Testing and Commissioning of AMF Panel for Administrative Office Building Cover(I)**' and bear on the bottom left corner of the cover the name of tenderer with his official rubber stamp. The Tenderer shall specifically ensure that the schedule of price with break-up thereof is not enclosed in this Cover no. (I).

4. The schedule of price i.e. Vol. II of tender documents thereof duly filled in with the rates and the tender amounts shall be put in the second cover which shall also be similarly sealed and superscribed '**Design, Supply, Installation, Testing and Commissioning of AMF Panel for Administrative Office Building Price Schedule Cover no. (II)**' and bear on the bottom left corner of the cover the name of the tenderer with his official rubber stamp. No other accompaniments shall be enclosed in Cover no. (II).
  
5. Both the sealed covers shall be simultaneously submitted, so as to reach the Executive Engineer (E), A. O. Building, Mormugao Port Trust, P.O. Box No. 27, Headland Sada, Goa – 403803, latest by 15.00 hrs. on 12/03/2012.
  - a) Cover marked No. (I) containing the conditions, if any, stipulated by the tenderers will be opened immediately on 12/03/2012 at 15.30 hrs. in the presence of such of the tenderers who are present at the time of opening.
  
  - b) Cover marked No. (II) Containing the prices schedule will be opened on a subsequent date to be notified to the tenderers.
  
6. Tender document along with enclosures each of them duly signed by the tenderer shall be submitted to the Executive Engineer (E), A.O. Building Headland Sada, Goa. Any tender not so signed on all the pages of the paper in the tender are liable to be treated as being defective. THE TENDER DOCUMENTS SHALL BE RETURNED INTACT WITHOUT ALTERATION OR MUTILATION.
  
7. Right to reject any or all tenders without assigning any reason is reserved.

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Signature & stamp of tenderer

## **MORMUGAO PORT TRUST**

### **GENERAL CONDITIONS OF CONTRACT**

1. Earnest Money Deposit : Rs. 19,700 (Rupees Nineteen Thousand Seven Hundred only) has to be deposited as Earnest Money either in the form of DD from Nationalised Bank or Bank Guarantee only. Tenders not accompanied with EMD in proper form will be summarily rejected.
2. Security Deposit : 10% of the contract value has to be deposited with our Finance Department either in cash or in the form of Bank Guarantee within 15 days of placement of the order towards performance guarantee.
3. Inspection of work : The work will have to be offered to Chief Mechanical Engineer or his authorised representative for inspection whenever required by him. After completion of the entire work, a final inspection will be carried out and a completion certificate will be issued.
4. Completion Period : The work shall be commenced within 7 days from the date of issue of work order. Drawings shall be submitted for approval within a maximum of 4 weeks from the date of issue of work order. The work should be completed within 6 weeks from the date of approval of drawing, to the satisfaction of CME or his representatives.
5. Liquidated Damages : If the work is not completed in the stipulated time then the contractor shall pay to the Port the sum @ 1% per week or 7 days or part thereof subject to a maximum of 10% of the total contract value as liquidated damages for such default and not as penalty for every week or part of the week which shall elapse between the scheduled date of completion and the actual date of completion.
6. Terms of Payment : 100% payment will be made after satisfactory completion of work and handing over of the same to the satisfaction of the engineer.

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Signature & stamp of tenderer

The bill shall contain the details of EPF No., ESI No., service tax registration, PAN, Name of Bank, Place of Branch, Account Number, Type of Account. The bill payment will be made by ECS.

7. Guarantee : i) The work shall be guaranteed for a period of 12 months from the date of satisfactory completion and handing over.  
ii) All the defects/deficiencies noticed during the guarantee period will be rectified by the contractor free of cost by way of repairs/replacement either at site or at contractor works etc., as found necessary by the Engineer. The decision of the Engineer in respect of the above will be final and binding on the contractor.
8. Refund of E.M.D. : Earnest Money Deposit shall be released as under:  
i) Unsuccessful Bidders :- One month after award or assignment to successful bidder.  
ii) Successful Bidder :- Two weeks after furnishing Security Deposit.
9. Forfeiture of E.M.D. : E.M.D. may be liable to forfeiture at the option of Board. If the Bidder withdraws his offer within the validity period of the offer and/or alters/amends any terms and/or conditions and/or quoted rate(s) within the validity period of the offer (excepting when option to do the same has been specifically granted by the Board in writing) or incase successful Bidder fails to submit the Security Deposit and/or fails to carry out the work or to perform/observe any of the conditions of the contract.
10. Refund of Security Deposit : The Security deposit will be refunded to the contractor after satisfactory completion of contractual guarantee period of 15 months (including grace period of 3 months) from the date of completion of work.

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Signature & stamp of tenderer

11. Forfeiture of Security Deposit : The Board may, at its option, forthwith forfeit the above security deposit in whole or part, if in the opinion of the Board the contractor has failed to fulfill any or all of the conditions of this contract without prejudice to any and all rights of the Board to recover from the contractor any amount falling due to the Board through non-observance by the contractor of any of the clause thereof.
10. Law Governing Contract : The contract shall be interpreted and have effect in accordance with the law of India and no suit or other proceedings relating to this contract shall be filed or taken by the contractor in any Court of Law except in a court of competent jurisdiction in Goa.
11. Settlement of Disputes : If any dispute of difference of any settlement of kind whatsoever shall arise between the Chief Mechanical Engineer and the – contractor – in connection with or arising out of the contract or the carrying out of the works (whether during the progress of the works, after the termination, abandonment of or breach of the contract) it shall in the first place be referred to be settled by the Chief Mechanical Engineer who within a period of 60 days after being requested by the contractor shall give written notice of his decision to the contractor, if the Chief Mechanical Engineer shall fail to give notice of his decision as aforesaid within a period of 60 days after being requested by the contractor as aforesaid or if the contractor be dissatisfied with any such decision then any such case, the contractor shall, within a further period of 30 days from the expiry of the first 60 days from the date of receipt of Chief Mechanical Engineer's decision, write to the Chairman putting forth his views why he is not in agreement with the decision given by the Chief Mechanical Engineer. If the contractor, after receiving notice of the decision of the Chief Mechanical Engineer does not refer the dispute to the Chairman seeking his decision, within a period of 30 days of the Chief Mechanical Engineer's decision then the Chief Mechanical Engineer's decision will be final and binding upon the contractor, and no further claim will exist thereto.

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Signature & stamp of tenderer

The Chairman shall, within a period of 60 days from the receipt of the request from the contractor, give written notice of his final decision in the matter under dispute to the contractor. If the Chairman fails to give written notice of his final decision within a period of 60 days after being requested by the contractor as aforesaid or if the contractor be dissatisfied with any such final decision given, then the contractor may within a period of 30 days after the expiry of the period of 60 days from the date of his application to the Chairman or within a period of 30 days after receiving notice of such final decision, as the case may be, require that the matter or matters in dispute be referred to arbitration as herein after provided. If the Chairman has given the written notice of his final decision to the contractor, and no claim to the arbitration has been communicated to the Chairman by the contractor, within a period of 30 days from the receipt of Chairman's decision the said decision shall remain final and binding upon the contractor. If the Chairman fails to give written notice of his final decision to the contractor within a period of 60 days and no claim to the arbitration has been communicated to the Chairman or the Chief Mechanical Engineer by the contractor within a period of 30 days thereafter, then the decision given by the Chief mechanical Engineer shall remain final and binding upon the contractor.

Save as hereinafter provided such decision in respect of every matter as referred shall be final and binding upon the contractor until the completion of the work and shall forthwith be given, effect to by the contractor who shall proceed with the works with all the diligence whether he requires arbitration as hereinafter provided or not.

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Signature & stamp of tenderer

All disputes or differences in respect of which the decision (if any) of the Chief Mechanical Engineer or the Chairman has not become final and binding as aforesaid shall be referred to the sole arbitration of Mechanical Engineer serving or retired of Central Government agencies, including Defence Service and or a member of Indian Council of Arbitrators, to be appointed by Chairman pursuant to and so as with regard to the mode and consequence of the reference and in all other respects to conform to the provisions of the Government of India Arbitration Act, 1940 (Act No. 10 of 1940) or any reenactment of statutory modification thereof for the time being in force. The sole arbitrator shall have full power to open up, review, and revise any decision, opinion, direction, certificate or valuation of the Chief Mechanical Engineer or the Chairman neither party, shall be limited in the proceedings before the Arbitration to the evidence or arguments put before the Chief Mechanical Engineer or the Chairman or the purpose of obtaining his decision. No decision given by either the Chief Mechanical Engineer or the Chairman in accordance with the foregoing provisions shall disqualify them from being called as a witness and given evidence before the sole Arbitrator as aforesaid.

The Arbitrator shall not enter on the reference until after the completion or the alleged completion of works, unless with the written consent of the Board/Chairman/Chief Mechanical Engineer and the contractor provided always:-

- a) That such reference may be opened before such completion or alleged completion in respect of the withholding by the Chief Mechanical Engineer or any certificate or the withholding of any payment of the retention money to which the contractor claims in accordance with the condition set out in the clause 6 to be entitled or in respect of the exercise of the Engineer's power to give a certificate under clause No. 20 hereof.

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Signature & stamp of tenderer

- b) That the giving of a Certificate of completion under clause 3 and 10 here of shall not be a condition precedent to the opening of any such reference.

In the event of the Arbitrator to whom the matter is originally referred, is unable to act for any reason, the Chairman shall appoint another Engineer serving or retired of Central Govt. Agencies including Defence Service and or a member of Indian Council of Arbitrators as Arbitrator and he shall be entitled to proceed with the reference afresh or from the stage at which it was left by his predecessor.

In all cases, the Arbitrator shall give a speaking/reasoned award.

13. Termination of Contract : In exceptional circumstances when it is noticed by the Engineer that contract works are not progressing satisfactorily, the Engineer reserves the right to terminate the contract with issue of 14 days notice to the contractor, if in his opinion it is not worthwhile to allow the contractor to continue the work due to his failure or incompetence in executing the work satisfactorily or the contractor stopping/abandoning the work. In such as eventuality the Engineer's decision to terminate the contract with issue of 14 days notice to the contractor as well as to initiate further necessary action as deem fit against the contractor, including but not limited to, forfeiture of security deposit and completion of the work at the risk and cost of the contractor, against the contractor, will be final and binding on the contractor.
14. The prices shall be inclusive of taxes & duties but exclusive of Service tax, which should be mentioned separately. Service tax will be paid as applicable subject to submission of service tax registration number. The prices should be valid for **six months** and during the currency of contract and not subject to escalation.

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Signature & stamp of tenderer

15. Statutes and the tenderer shall comply with the provisions of EPF & ESI Acts failing which the offer will not be considered. The tenderer shall compulsorily be enrolled with PF Commissioner/ESI authorities. He shall comply with the following:-
  - a) The contractor shall ensure strict compliance of the labour laws including those under the Employees State Insurance Act, 1948 and the employee provident fund & miscellaneous Provision Act, 1952 and rules and regulation framed therein.
  - b) The contractor shall ensure that the statutory contribution towards Employee State Insurance Act, 1948 and the employee 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 at the contribution will be produce before the Port Authorities by 10<sup>th</sup> of the succeeding month of the month in which the payment was due.
  - c) In the event any contractor raises a dispute that he is not covered under the provision of Employees state Insurance Act provident Fund & Miscellaneous Provision Act 1952 such contractor shall obtain certificate from the competent authority under these act are produced the same before the Port Authorities.
  - d) The amount recovered if any, such as statutory dues in respect of the Employees Provident fund and Miscellaneous Provision 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.
16. Tenderers who are operating from other states and who quote for jobs all over the country must compulsorily have a local base in Goa, the address of which, is to be furnished. The Tenderer will be required to make two maintenance visits for servicing of the AMF Panel free of charge during Guarantee period and under an Annual Maintenance Contract (AMC) after completion of the Guarantee period.
  - a) The following work will have to be carried out twice a year on the AMF panel during the AMC period, on routine AMC visits.
    - (1) Cleaning of the entire panel.
    - (2) Checking for effective operation/functionality of AMF panel in totality.
    - (3) Checking of all wires, cables and connections for tightness.
    - (4) Checking of all the breakers (ACBs) and contactors for their operation and contact condition.
    - (5) Checking the operation of all Meters, switches and Indication Lamps.
  - b) The contractor should be able to respond quickly to emergency maintenance requests within not more than 24 hours as and when necessary.
  - c) Any spares which may be required are to be supplied by the contractor and the cost will be paid by the Port at actual.
17. Deviations if any from the tender should be stipulated clearly in the statement of deviations.
18. The contractor should inspect and familiarize himself with the actual site conditions/nature of work involved in the tender particularly with details of panel foundation and available space. He should furnish a certificate in this regard which is enclosed in the tender without which the tender is liable to be rejected. He should also visualize how the replacement will be done with minimum disruption and by providing alternate means of maintaining supply and should explain the scheme in detail to the Port's Engineer during the review of drawings.

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Signature & stamp of tenderer

## 19. Minimum Eligibility Criteria (MEC)

The contractor should satisfy the following:

1. Have experience in Design, Supply, Installation, Testing and Commissioning of AMF Panels of 1000A rating or above and should fulfill the minimum criteria at 'a' or 'b' or 'c' as follows. The contractor should clearly specify name of client and with copy of orders, completion certificates & value of works handled during the last 7 years.

Category	Value of each contract	Name of work with name of client Ref. of work order and value of work
a)	Value of each completed work not less than 3,94,000/- (Minimum three works)	1) 2) 3)
b)	Value of each completed work not less than 4,92,500/- (Minimum two works)	1) 2)
c)	Value of each completed work not less than 7,88,000/- (At least one work)	1)

2. Average Annual Financial turnover for the last 3 years should be not less than Rs. 3,00,000/-. This is to be supported by a copy of balance sheet duly certified by Chartered Accountant or acknowledged copies of IT returns.
3. Submit solvency certificate for Rs. 3,00,000/- from a Nationalised Bank.

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Signature & stamp of tenderer

## **FORM OF BANK GUARANTEE FOR SECURITY DEPOSIT**

(TO BE ISSUED BY NATIONALISED BANKS ONLY)

In consideration of the Board of Trustees, Mormugao Port Trust (here in after called "The Board") having agreed to exempt \_\_\_\_\_ (here indicate the Name and address of the contractor/s)(here in after called "The said Contractors") from the demand, under the terms and conditions of an agreement to be entered between The Board and \_\_\_\_\_ for \_\_\_\_\_ (here indicate the name of the works)(hereinafter called "the said Agreement") of Security deposit for the due fulfillment by the said contractor(s) of the terms and conditions contained in the said Agreement, on production of a Bank Guarantee for Rs. \_\_\_\_\_ /- (Rupees \_\_\_\_\_ only), \_\_\_\_\_ (here indicate the name and address of the bank referred to as "The Bank") do hereby undertake to pay to the Board an amount not exceeding Rs. \_\_\_\_\_ /- against any loss or damage caused to or suffered or would be caused to or suffered by the Board by reason of any breach by the said contractor(s) of any terms or conditions contained in the said Agreement.

2. We \_\_\_\_\_ Bank, do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on a demand from the Board stating that the amount claimed is due by way of loss or damage caused to or suffered by the Board by reason of any breach by the said contractor(s) of any of the terms and conditions contained in the said agreement or by reason of the contractor's failure to perform the said agreement any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_ /- .
  
3. We \_\_\_\_\_ Bank, further agree that the Guarantee herein contained shall remain in full force and effect during the contract period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Board under or virtue of the said Agreement have been fully paid and its claim, satisfied or discharges, or till the Board certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges the Guarantee. Unless a demand or claim under this Guarantee is made on us in writing on or before three months from the expiry date i.e. from \_\_\_\_\_ we shall be discharged from all liability under this Guarantee thereafter.

\_\_\_\_\_  
Signature & stamp of tenderer

4. We \_\_\_\_\_ Bank, further agree with the Board that the Board shall have the fullest liberty without our consent and without affecting in any manner our obligations here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Board against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor or for any forbearance, act or omission, on the part of the Board or any indulgence by the Board to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.
5. Notwithstanding anything stated above, our liability under the Guarantee is restricted to Rs. \_\_\_\_\_ /- (Rupees \_\_\_\_\_ only). The Guarantee shall remain in force until \_\_\_\_\_ unless a suit or action to enforce claim under the Guarantee is filed against us within three months from the date, all rights under the Guarantee shall be forfeited and we shall be relieved and discharged from all the liabilities there under.
6. The Board is authorized to enforce claim against the Guarantee at the local branch of the Bank in GOA, in case such an eventuality of encashment arises.
7. We \_\_\_\_\_ Bank, lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Board in writing.

Dated the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_

For \_\_\_\_\_ Bank

\_\_\_\_\_  
Signature & stamp of tenderer

**FORM OF BANK GUARANTEE TOWARDS EARNEST MONEY DEPOSIT**

(To be used by approved nationalized/scheduled Banks mentioned in schedule/II of RBI Act 1934)

In consideration of the "Board of trustee of the Port of Mormugao (hereinafter referred to 'Board' which expression shall include its successors and assigns), on the first part and M/s. \_\_\_\_\_ of \_\_\_\_\_ (hereinafter referred to as the 'Bidder' on the second part). The Board having agreed to accept the Earnest Money Deposit of Rs. \_\_\_\_\_ in the form of Bank Guarantee, for the tender for the work of \_\_\_\_\_ We hereby agree to pay the Board on receipt of its demand a sum of Rs. \_\_\_\_\_ ( Rupees \_\_\_\_\_) and that this guarantee will expire on \_\_\_\_\_. In the event of the bidder withdrawing his tender before the expiry of 180 days from the last date of submission of the tender , the tender shall be cancelled and the earnest money deposited by the bidder forfeited to the Board and it is agreed that except as specifically stated herein before we accept no liability to make payment to the Board in respect of any default by the bidder in submitting his tender and also undertake not to revoke this guarantee during the currency of the above mentioned period of 180 days except with the previous consent of the Board in writing and we further agree that our liability under the Guarantee shall be deemed to have agreed to any such variation notwithstanding anything contained in the foregoing, Our liability under this guarantee is restricted to Rs. \_\_\_\_\_ ( Rupees \_\_\_\_\_). Our guarantee shall remain in force till \_\_\_\_\_. Unless a demand under the guarantee shall be forfeited and we shall be released and discharged from all liability thereunder.

Dated \_\_\_\_\_ this \_\_\_\_\_ 20\_\_.

For the Bank of

ACCOUNTANT

AGENT/MANAGER

## **SCOPE OF WORK**

### **Scope:**

The work involves Design, Supply, Installation, Testing and Commissioning of a 1000 Amps capacity panel.

The Panel is to be manufactured at the supplier's works and installed at MPT site in the minimum down time. It should incorporate LED type phase indicators, digital Energy Meter, Ammeter, Voltmeter and Frequency meter, each with suitable rotary selector switches. It should be designed for Automatic and Manual mode functioning with suitable 'On Panel' controls. The Panel should incorporate a battery charging system for the DG set battery and should have provision for internal illumination.

CRCA sheet metal with a thickness of not less than 2.5mm should be used for load bearing members and not less than 2.0 mm for non load bearing members as per the relevant standards. The panel doors shall be provided with neoprene gaskets to make it dust and vermin proof. The panel should have powder coating with a thickness of not less than 50 microns.

The equipment specifications are indicated in Annexure – I.

### **Functioning:**

The system is required to automatically open the Incoming power supply breaker and start the DG set as well as close the DG set breaker within 15-20 seconds of occurrence of mains power failure.

Similarly, on resumption of power supply, the generator breaker is to be opened, mains breaker is to be closed and the generator is to be switched off after 3-5 minutes. The system must have **fail proof** electrical interlocking and if required, mechanical interlocking as well, to ensure that only one breaker is closed at any given time.

The system should be able to detect any single phasing or change in phase sequence in the main supply and in such a case, should switch over to generator supply. The system should also have provision for basic fault annunciation / indication.

The complete schematic drawing should be submitted for approval of the Port, within 4 weeks of placement of order.

The entire unit should be pre-wired, pre-assembled and mock tested at contractor's works. Installation at MPT site will have to be done in minimum time of not more than three or four days during which time alternate arrangements would have to be made by the contractor to maintain power supply to the building. All components/switchgear to be supplied should be sourced from reputed manufacturers. Control relays/components should be DIN rail mounting type. All wiring should be properly ferruled and should terminate in duly numbered DIN rail mounted connector blocks.

Detailed 'As built' control scheme drawings and Bill of Materials should be supplied in both Hard and Soft copy form along with the catalogs for all the components, within a month after commissioning the panel. The circuit diagrams should be descriptive with proper wiring details. Contractor should also ensure that any spares are made available as and when required, these will be paid for by the Port at actuals.

The tenderer shall inspect the site and assess the requirements of the works and furnish the certificate of inspection along with the tender document. The tenderer shall take into account while quoting any modifications, any other works not indicated in the BOQ, (Vol II- price cover) but essential for overall completion of the work. All such works shall also be carried out by the tenderer. The contractor should have a service representative based in Goa. The existing old AMF Panel should be removed by the contractor for installation of the new one. All logistics involved in removal, shifting and in new installation such as forklift, crane, truck, material handling tools, scaffolding, safety equipments while working at heights etc shall be in the scope of the contractor. All scrap generated during the removal and installation of the AMF panel shall be lifted and shifted by the contractor to the Ports Scrap yard.

If the contractor wishes to avail the services of Port in respect of Mobile crane or Fork lift, the same would be made available to the contractor, subject to availability and payment of charges as per Port's scale of rates, as applicable.

The contractor will be expected to take up an Annual Maintenance Contract for the maintenance of the AMF Panel after the completion of guarantee period.

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Signature & stamp of tenderer

**Annexure-1**

Make of Equipment (415V, 50Hz)				
Sr. No.	Description	Make	Qty/Feeder	Total Qty.
AMF Panel-1 (Qty= 1no) (50kA for 1sec)				
A	1000 A rated TPN trafo incomer			1
1	1000 A FP Electrically operated drawout air circuit breaker with spring charging motor, closing coil, shunt trip coil with LSIG protection release (6.0A release), Mechanical key interlock	Schneider / ABB / Siemens / GE	1	
2	CTs	Newtek / AE / Indcoil	3	
3	AMF Relay	C&S / DEIF / Areva	1	
4	Analogue Ammeter	Rishabh / MECO / AE	1	
5	Analogue Voltmeter	Rishabh / MECO / AE	1	
6	KWH Meter	Conzerv / Rishabh / AE	1	
7	LED type indication lamps	Schneider / Teknik	LS	
8	MCBs/Fuses	Schneider / Legrand / Havells	LS	
B	1000A rated TPN DG incomer			1
1	1000A FP Electrically operated drawout air circuit breaker with spring charging motor, closing coil, shunt trip coil with LSIG protection release (6.0A release), Mechanical key-interlock	Schneider / ABB / Siemens / GE	1	
2	CTs	Newtek / AE / Indcoil	3	
3	Analogue Ammeter	Rishabh / MECO / AE	1	
4	Analogue Voltmeter	Rishabh / MECO / AE	1	
5	KWH Meter	Conzerv / Rishabh/ AE	1	
6	LED type indication lamps	Schneider / Teknik	LS	
7	MCBs/Fuses	Schneider / Legrand / Havells	LS	
C	Battery charger			
1	Battery charger for Battery w/o batteries	Dubas / Ruttonsha	1	1

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 Signature & stamp of tenderer

**FORM OF TENDER**

**NAME OF THE WORK:** .....

.....

.....

(NOTE: - The Appendix and schedules attached form part of the tender and is furnished in duplicate Tenderers are required to fillup all the blank spaces in this tender form Appendix and schedule. The duplicate set of tender with schedule is to be retained by the tenderer for his reference).

To,  
The Chief Mechanical Engineer,  
Mormugao Port Trust,  
Headland-Sada-Goa.

Sir,

Having examined the site of work, General Conditions, special instructions/Conditions, Technical Schedule/Specifications, Schedules Drawing for the above named work, I/we , the undersigned offer to execute, complete and Guarantee the staff work in conformity with the said General Conditions Special Conditions, Technical Particulars, Drawing, Schedules at the rates indicated in attached Schedule of Prices /Rates for execution of the work on the terms and conditions stipulated in your tender documents.

2. I/We, undertake if our tender is accepted to commence the work within..... days of receipt of the Engineer’s order to commence the work and to complete and deliver the whole of the work comprised in the contract within..... Days calculated from the last day of the aforesaid period in which the work is to be commenced.
  
3. I/We further undertake if my/our tender is accepted to deposit within seven days from the date of order of commencement the work security deposit to the extent of 10% of the order amount in the manner and as per conditions laid down in the General Conditions of the contract.



**STATEMENT OF DEVIATIONS**

\_\_\_\_\_  
Signature & stamp of tenderer

**MORMUGAO PORT TRUST**  
**ENGINEERING MECHANICAL DEPARTMENT**  
**TENDER NO: CME/XEN(E)/HL/W-2/2012/CONTRACT-01**

**CERTIFICATE**

THIS TO CERTIFY THAT M/S -----  
----- HAS INSPECTED THE  
PROPOSED TENDERERD WORK OF -----  
----- TO ACQUAINT AND ASSESS THE  
EXTENT OF WORK INVOLVED AS PER THE TENDER.

-----  
**XEN(E)**

-----  
**SIGNATURE OF THE  
AUTHORISED REPRESENTATIVE**

NOTE: THIS CERTIFICATE WILL BE TREATED AS INCOMPLETE UNLESS DULY  
SIGNED BY THE CONCERNED OFFICER OF MPT

# **MORMUGAO PORT TRUST**

## **TENDER DOCUMENT**

**CME/XEN(E)/HL/W-2/2012/CONTRACT-01**

**TENDER FOR DESIGN  
SUPPLY,  
INSTALLATION,  
TESTING AND  
COMMISSIONING OF  
AMF PANEL FOR  
ADMINISTRATIVE  
OFFICE BUILDING**

**VOLUME – II (PRICE BID)**

## **BILL OF QUANTITIES (BOQ)**

Name of work: - Design, Supply, Installation, Testing & Commissioning of AMF Panel for Administrative Office Building Generator.

<b>Sr. No.</b>	<b>Description</b>	<b>Rate (Rs.)</b>	<b>Amount (Rs.)</b>
1.	Supply of AMF Panel complete as required as per the specifications at Annexure I of Vol. I.	LS	In figures  In words
2.	Installation, Testing and Commissioning of the AMF Panel.	LS	In figures  In words
3.	Charges for routine AMC visit twice a year and 2 Nos. Emergency visits.	LS	In figures  In words
<b>Total</b>			

Total amount in words \_\_\_\_\_

I / we certify that above charges are given in figures and words.

- Note:** - (a) Tenderer must quote the rates in conformity with the Tender Document and shall be given in the units indicated above and not in any other manner failing which tender will not be considered.
- (b) Rates quoted shall include cost of material, consumables, labour, etc. required for execution of the tendered work as well as inclusive of taxes but exclusive of service tax which will be paid extra at actual.
- (c) Evaluation of the price offer will be based on the Total amount indicated above.
- (d) Emergency visits, if not utilized, shall be converted into AMC visits.

Total Number of corrections = \_\_\_\_\_

Total Number of inclusions = \_\_\_\_\_

Total number of omissions = \_\_\_\_\_

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

\_\_\_\_\_  
Signature & stamp of tenderer