

NOTICE INVITING BUDGETORY OFFERS

Name of Work	“Supply, Installation, Testing and Commissioning of 3 no’s stainless steel Shore supply panels at MPA
Date of submission of budgetary quotation	On or Before 15/04/2024 at 15:00 Hrs.
Budgetary Quotation No.	CME/XEN (E-HR)/ 24/ B3
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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Website	www.mptgoa.gov.in

EXECUTIVE ENGINEER (E-HR)
MORMUGAO PORT AUTHORITY

Name of work: Supply, Installation, Testing and Commissioning of 3 no's stainless steel Shore supply panels at berth no.8, MPA.

GENERAL

MPA intends to carry out the work of "Supply, Installation, Testing and Commissioning of 3 no's stainless steel Shore supply panels at berth no.8, MPA.

The scope of work , specifications and BOQ is detailed under.

1. Scope of work :

- i. Dismantling 3 nos., existing MS Shore supply panels from the MS stand after disconnecting the connected cables. Before commencing the work contractor must ensure that the power to the shore supply panel is switched off.
- ii. Design new SS-316 grade shore supply panel based on the specifications provided in the technical specification of the panel. Formulate detailed drawings or schematics of the proposed panel design, indicating the layout of components, entry/exist of the cables, wiring diagrams, and safety aspects. The drawing of the Panels must be approved by the Engineer-in-Charge prior to manufacture.
- iii. Supply 3 nos., shore supply panels along with all the components as per the approved design/drawing.
- iv. The contactor shall supply MS stands fabricated using MS angles of size 40mmX40mmX6mm for fixing of panels. The stand shall be painted with one coat of primer and two coats of black/ grey paint. The height of the frame shall be 450mm from the ground level. The frame shall be grouted with cement concrete.
- v. Thereafter, the panels shall be secured on the frame using SS nut bolts of size 8mm at 4 corners.
- vi. After installation of panels, cables shall be terminated with suitable size gland and lugs.

2. Technical Specifications of Panel:

The contractor shall design and supply stainless steel control panel with rain water canopy. It must comply with IP66 standards, ensuring dust, damp, vermin, and

weather proofing. The panel shall be fabricated from SS-316 grade sheet, 2mm thick, double door type powder coated of size 1400 mm (W) X 360 mm (D) X 940 mm (H). Proper cutouts must be provided so that all live parts of MCBs/sockets are out of human reach. The user section shall allow for safe plug-in/plug-out of sockets and switch ON/OFF supply without opening the panel. Drawings of the panels must be approved by the Engineer-in-Charge prior to manufacture. Each panel shall be spacious for easy maintenance and shall be provided with the following components:

- | | |
|---|----------|
| a. Main MCCB, TPN, 400 A, 415 Volt
with extended rotary handle | - 1 no. |
| b. 125A, 4-pole MCCB with extended rotary handle
for providing supply to sockets | - 2 nos. |
| c. Sockets suitable for BCH Electric limited DS 9 Plug, 125A, 415V | - 2 nos. |
| d. 4 pole 32 Amps MCB | - 1 no |
| e. LED type indication Lamp, 220 V AC (Phase R, Y & B) | - 1 set. |
| f. Digital Energy meter | - 1 no. |
| g. Digital Voltmeter | - 1 no. |

3.0 MINIMUM ELIGIBILITY CRITERIA

- Only Electrical contractors possessing a valid Electrical license to work on minimum 415V lines issued by the licensing board shall be eligible to quote for the enquiry.
- The Bidder shall have successfully completed one work of supply and installation of electrical panels during last 7 (Seven) years ending last day of month previous to the one in which quotations are invited.

4.0 Completion Period:

The entire work shall be completed within **60 days** from date of issue of Letter of Award (LOA) / PO.

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 supply and execution of the work.
- 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.** The contractor shall shift the left over material after completion of the work as directed by Engineer-in -charge.
- vi.** No advance payment will be made.
- vii.** Final payment will be made only after handing over the entire system in good working condition.
- viii.** Necessary entry passes shall be obtained by the firm at their own cost with the approval of Port Officials.
- ix.** Necessary electrical power supply required for installation of enclosures 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.

BILL of Quantity (BOQ)

NAME OF WORK: Supply and installation of Shore supply Panel.

Kindly furnish budgetary offers (exclusive of GST) for the following work:-

Sr. No.	Description of work	Qty.	Unit	Rate Per Unit (Rs)	GST %	Amount (Rs)
A	B	C	D	E	F	G=C X E
1	Design, manufacture, supply, installation testing and commissioning of SS panel as per specifications provided. The work includes proper grouting of the panel and cable terminations by supply suitable sizes gland and lugs. The suitable size MS angle frame shall be supplied by the contractor.	3	no.			
2	Dismantling, shifting and handing over of existing panels along with stand	3	no.			
TOTAL (Rs)						

(In Words Rupees _____ only
exclusive of GST)

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