

NOTICE INVITING BUDGETORY OFFERS

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|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Work | “Providing lifting arrangement for Cable hanging at Port Craft Jetty”. |
| Budgetary Quotation No | CME/XEN (E-HR)/2025/H6/B14 |
| Date of submission of budgetary quotation | On or Before 29/08/2025 |
| 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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EXECUTIVE ENGINEER (E-HR)
MORMUGAO PORT AUTHORITY

1. GENERAL

Mormugao Port Authority intends to provide lifting arrangement for Cable hanging at Port Craft Jetty.

2. SCOPE OF WORK

Providing lifting arrangement for Cable hanging at Port Craft Jetty

The work involves supply of material and fabrication of cable support structure for lifting of electrical cable at the Port Craft Jetty, as detailed below.

2.1 Supply of Materials

The contractor shall supply the following materials, conforming to relevant IS standards:

- **Mild Steel Beam:** ISMB 250 mm section, of required length as per site measurements and approved drawings.
- **Mild Steel Plate:** 20 mm thick, of size and dimensions as specified in drawings, suitable for use as base/end plates for the beam supports..
- **Wire Rope:** 16 mm diameter, galvanized steel, complete with required wire rope clamps, thimbles, and shackles for cable lifting and support.
- **Anchor Bolts:** 25 mm diameter, suitable grade and length for anchoring beam base plates; includes nuts, washers, and Lockfix (or equivalent anchoring compound).
- **Eye Bolts:** 32 mm diameter, forged steel, designed and supplied as per load requirements for Max Puller installation.
- **Max Pullers:** Heavy-duty type, suitable for lifting/tensioning operations, complete with accessories.

2.2 Fabrication Works

- Cutting, drilling, and welding of MS beams and plates to form cable support structures.
- **Drilling Holes in MS Plate:** 16 no holes of 25 mm diameter in 20 mm thick MS plates for fixing anchor bolts.
- Fabrication shall include preparation of base plates for anchoring the beams and provision for wire rope termination points.
- All welding works shall be carried out by qualified welders using appropriate electrodes and welds shall be inspected for quality and strength.
- All Fabricated components must be cleaned, de-scaled and free from rust and sharp edges.
- Surface finishing: Two coats of synthetic enamel paint over one coat of anti-corrosive primer.

2.3 Drilling & Anchoring Works

- Drilling/core cutting of 16 holes (25 mm diameter) in reinforced concrete at beam foundation locations.
- Cleaning the drilled holes and anchoring 25 mm diameter bolts using Lockfix or an equivalent compound.
- Drilling/core cutting of 6 holes (36 mm diameter) in reinforced concrete at the berth for installation of 32 mm diameter forged eye bolts intended for Max Pullers.
- Cleaning the holes and securely anchoring the eye bolts using an approved compound, ensuring they meet the required maximum load capacity.

2.4 Erection of Support Structures

- Transport of fabricated beams and plates to site, including loading and unloading.
- Erection and alignment of beams at designated locations as per layout.
- Fixing and anchoring of beams using the installed 25 mm bolts, ensuring vertical alignment and stability.

2.5 Installation of Wire Rope and Cable Tying

- Supply and fix 16 mm dia galvanized wire rope with suitable wire rope clamps, thimbles, shackles etc. for lifting and supporting the hanging electrical cable.
- Stretch and secure the wire rope between the beams with proper tension to prevent sagging.
- Tie and secure the electrical cables to the wire rope using suitable cable clamps at uniform intervals to avoid damage or undue stress. The clamp supply is in the scope of contractor.

2.6 Installation of Max Pullers

- Supply and install of 2 nos. Max Pullers onto the pre-installed 32 mm dia eye bolts at the berth.
- Ensure proper positioning, alignment, and load testing of pullers for safe operation.

3. Guarantee Period:

All the above works and materials used shall be guaranteed for a period of 24 months from the date of commissioning. This guarantee shall include the replacement of any defective parts at the contractor's risk and cost, without any additional expense to the Mormugao Port Authority (MPA).

4. MINIMUM ELIGIBILITY CRITERIA

The Bidder shall have successfully carry out the fabrication of steel works for last 7 (Seven) years ending last day of month previous to the one in which quotations are invited.

5. SPECIAL TERMS AND CONDITIONS

- i. The Contractor shall commence and complete the work as per the BOQ and technical specifications.
- ii. The Contractor shall complete the work in all respect to the satisfaction of the Engineer-In-Charge or his representative.

6. Security Deposit/ Performance Guarantee:

The Contractor shall furnish a Security Deposit equivalent to 10% of the total cost for the work of 'Providing lifting arrangement for Cable hanging at Port Craft Jetty'. This deposit may be submitted in the form of a Demand Draft, NEFT/RTGS, Insurance Surety Bond, and Fixed Deposit Receipt from a commercial bank, or a Bank Guarantee (BG) issued by any nationalized bank with a branch in Vasco, and encashable at a local branch in Vasco, in the prescribed format.

Upon successful commissioning and testing of the system, the Security Deposit shall be converted into a Performance Security. This Performance Security shall remain valid for the entire Guarantee Period of 2 year.

7. OTHER TERMS AND CONDITIONS

- i. The firm should engage skilled service personnel with the relevant required tools and instruments for commissioning the subject work.
- ii. The Contractor personnel engaged in the work shall follow all safety, security and General Rules enforced by Mormugao Port Authority (MPA) and the firm only shall be responsible for the same.
- iii. The required electricity supply will be provided free of cost by MPA at the nearest available source. From there, the contractor shall make arrangements to extend the supply to the required destination.

- 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. Necessary entry passes shall be obtained by the firm at their own cost with the approval of Port Officials.

8. Completion period

The entire work shall be completed within 45 days from the date of issue of LOA.

9. Payment terms

The complete payment will be made after the successful completion of work of 'Providing lifting arrangement for Cable hanging at Port Craft Jetty'.

10. SAFETY:

- a) The contractor shall indemnify MPA against any violation of safety laws, rules and regulations while carrying-out operations and maintenance as required by the contract.
- b) No unauthorized person should be allowed to work on the work site.
- c) The Contractor shall at his own expenses provide all safety gears for all labours engaged during the work.
- d) The workforce deployed under this contract will be provided and use all the necessary safety gears and equipment for the job.
- e) Bidder/deployed staffs will follow all the required safety procedures while executing the job.
- f) They indemnify the Port for any accidents/incidents while carrying out the contract.
- g) All precautions to ensure safety of workmen must be taken while execution of work. Traffic rules should be strictly followed to avoid accidents & unforeseen incidents.

PRICE SCHEDULE (BILL OF QUANTITIES)

| Sr.No | Description | Qty | Unit | Rate ₹ | GST (%) | Amount ₹ |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|-----------|---------|-------------|
| 1 | Providing ISMB 250mm x 2nos of 2mtrs height with base plate 20mm thick of size 500x500mm as base plate, 25mm drilled holes 8nos for anchoring with 25mm Grouted bolts of size 500mm long x 8nos.x 2nos. | 530 | Kg | | | |
| 2 | Supplying and drilling holes in concrete by drilling/core cutting for anchoring 8nos. bolts. of 25mm. | 16 | Nos | | | |
| 3 | Anchoring 25mm bolts using Lock fix. | 16 | Nos | | | |
| 4 | Drilling/ Core cutting of 36mm holes x 3nos for anchoring Eye Bolts of 32mm dia at berth for fixing 2nos Max Pullers. | 2 | Nos | | | |
| 5 | Suppling and fixing 16mm dia wire rope with wire clamps for lifting the hanging supply cable above. | 50 | Mtrs | | | |
| 6 | Drilling holes in M S Plate 20mm 8nos of 25mm dia. | 8 | Nos | | | |
| 7 | Design and supply Eye bolt of 32mm dia for fixing max pullers | 2 | Nos | | | |

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT
ELECTRICAL HARBOUR SECTION

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|--------------|-----------------------------------------------------|---|-----|--|--|--|
| 8 | Supply and install max puller with all accessories. | 2 | Nos | | | |
| Total | | | | | | |

(In Words Rupees _____
_____ only)

Note:

- The quantities specified in the Bill of Quantities (BOQ) are indicative; however, payment shall be made based on actual quantities executed at site.
- The offered rates shall be inclusive of all taxes and duties except GST which will paid as extra as applicable. However, any new tax will be imposed by State/Central Govt. and same will be reimbursed on producing documentary proof.