

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

BUDGETORY OFFER

Name of Work	“PROVIDING ILLUMINATION ALONG RAILWAY LINE NO 1”
Date of submission of budgetary quotation	On or Before 30/12/2022 at 15:00 Hrs.
Address for communication:	Executive Engineer(E-HL), Mechanical Engineering Department, Mormugao Port Authority, 2 ND Floor, Admin. Building, Headland sada Vasco-de-Gama Goa - 403804
Contact Details	Phone : (0832) 2594216/4236 Email : xene.mgpt@gmail.com shivram.barve@mptgoa.gov.in

EXECUTIVE ENGINEER (E-HL)
MORMUGAO PORT AUTHORITY

Schedule A

TECHNICAL SPECIFICATIONS

1.0 SCOPE OF WORK

- 1.1 Clamping L.T. Aluminum armoured cable of size 4 Core 16 sq mm on the compound wall from Goomty (Old railway panel bldg) to 1st Lamp post along railway line no. 1 with heavy duty cable fitting clamps made from 3 mm thick GI strip. Clamping should be done at every 1 mtr along the cable length, so that cable is maintained in straight line on the wall and there is no sag in the cable. The Cable 4C x 16 sq.mm. will be supplied by the Port. However, the contractor shall arrange for shifting, transportation of the cable to the site from the MM store, Baina i.e. within Port area at his own cost.
- 1.2 Excavation of hard/soft soil for cable trench and laying of underground L.T. Aluminum armoured cable of size 4 Core 16 sq mm in trench of depth 40cms, width 30cms, for lamp posts provided along railway line no. 1. After laying the cable, trench should be back filled with soil. Cable route markers to be provided at every 10 metres for the underground cable. The excavation quantity shown in the price schedule is indicative. The Contractor shall measure the quantities and the payment will be made as per actual quantities.
- 1.3 Excavation up to depth of 500 mm for installation of lamp posts at the site. After installation of lamp post, concrete pedestal shall be provided up to 300mm for support. Lamp posts will be provided by Port.
- 1.4 Removing existing damaged junction boxes and Installation of new Junction boxes (J.B.s) on the lamp posts with suitable GI clamps, nut & bolts, termination of 4Cx16 sq mm Al armoured cable in the JB's with necessary glands & lugs. In 36 nos JB's two terminations of 4C x 16 sq mm Al armoured cable shall be provided and in the last JB one termination of 4C x 16 sq mm Al armoured cable shall be provided. Also one termination of 4C x 16 sq mm Al armoured cable shall be provided in the main panel room i.e. old railway panel bldg. The contractor shall supply GI clamps, nuts & bolts, glands and lugs for installation of J.B.'s. However, J.B.'s will be supplied by Port at MM store. The contractor shall arrange for shifting, transportation of J.B.'s to the site from the MM store, Baina i.e. within Port area at his own cost.
- 1.5 The end termination for 1100V grade underground cables with necessary glands and crimping type lugs shall be supplied by the contractor. The crimping type lugs shall be installed by highly skilled personnel with all accessories and other material conforming to relevant IS specifications. Sufficient length of cable shall be kept as loop for future requirement before commencing end termination work. The work includes all labour and material as directed by Engineer In charge.
- 1.6 Installation, testing, connection & commissioning of 35/36 W LED fittings on the existing lamp post with necessary pipe/ reducer and suitable clamps. Interconnection between JB and the individual LED fitting is to be done by using 3C x 1.5 sq mm flexible copper cable.

The Contractor shall supply suitable GI pipe/ reducer, GI clamps, GI Nut and bolts for installation of LED fittings.

LED fittings and flexible copper cable will be supplied by the Port. However, the contractor shall arrange for shifting, transportation of the fittings to the site from the MM store, Baina i.e. within Port area at his own cost.

2.0 INSTALLATION AND COMMISSIONING

- The Contractor shall commence and complete the work as per the BOQ and proper care should be taken while working on the charged electrical installations. The work is to be carried out as per the site conditions and relevant IS standards
- The Contractor shall complete the work to the satisfaction of the EIC.
- The work should be carried out with utmost safety precaution with minimum possible disruption of power supply in coordination with EIC.
- All the quantities indicated in the price schedule/BOQ are indicative. However, the work shall be carried out as per site conditions. Payment will be released as per actual executed quantities after completion of work.
- Entire work should be carried out and completed within 60 days from the date of receipt of LOI/ PO.

OTHER TERMS AND CONDITIONS

- i. The contractor 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 Technical Specification/ Scope of work and Schedule of Prices & Quantities/ Bill of Quantities to be read in conjunction to ensure the actual works involved.
- iii. The contractor should engage skilled service personal with the relevant required tools and instruments for commissioning the same.
- iv. The Contractor personnel engaged in the work shall follow all safety, security and General Rules enforced by Mormugao Port Authority (MPA) and the contractor will only be responsible for the same.
- v. 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.
- vi. The contractor should indicate the GST No.
- vii. No advance payment will be made by the Port.
- viii. Final payment will be made only after handing over the entire system in good working condition and upon producing all the invoices and supporting documentation.
- ix. Necessary entry passes shall be obtained by the firm at their own cost with the approval of Port Officials.
- x. Power Supply will be provided on chargeable basis by the Port. However, the firm should make his own arrangements to take power supply from the nearest source of supply.
- xi. For any clarifications, the firm may contact the 'Executive Engineer at 1st floor of the Administrative Office, Ph.0832-2594241/4236

SCHEDULE A1

PRICE SCHEDULE (BILL OF QUANTITIES)

Sr. No.	Description	Unit	Qty	Unit Rate in (Rs.)		Amount in (Rs.)	SAC /HS n code	Applicable GST %
				In fig.	In words			
1	Clamping L.T. Aluminum armoured cable of size 4C x 16 sq mm on the compound wall as per the detailed specification at Schedule-.A	No.	200					
2	Excavation of hard/soft soil for cable trench and laying of 4 Core 16 sq mm aluminum armoured XLPE insulated cable and backfilling as per the detailed specification at Schedule-.A	mtr	850					
3	Installation of lamp posts as per technical specification at Schedule –A	Nos	04					
4	Installation of J.B.s on the lamp posts includes termination of 4Cx16 sq mm cable in the JB's with necessary glands & lugs as per technical specification at Schedule –A. (J.B's will be supplied by Port at M.M store)	Set	37					
5	Installation, testing, connection & commissioning of 35/36 W LED fittings on lamp post as per technical specification at Schedule -A (LED fittings will be supplied by Port at MM store)	Nos	37					
Total								

(In Words Rupees _____ only)

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