



नव मंगलूर पत्तन प्राधिकरण  
**NEW MANGALORE PORT AUTHORITY**  
यांत्रिक अभियंता विभाग  
**Mechanical Engineering Department**  
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**Electrical Engineering Division**  
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No. 8/3/2024/Ele. Dvn/ETS.II/07/01

Date: 12-07-2024

To,

Sir,

Sub: -NMPA-EE (E) - "Supply and laying of LT cable and allied works for Bus Shelter near Mallya Gate, NMPA" - Quotation invited - Reg.

Quotation in sealed covers superscribed as "Supply and laying of LT cable and allied works for Bus Shelter near Mallya Gate, NMPA" invited in accordance with the instructions to the Tendered Terms & Conditions as detailed below, may please be submitted addressed to **"The Executive Engineer (Elec.), Electrical Division, Administration Building, New Mangalore Port Authority, Panambur, Mangalore-575010"** not later than **3.00 PM on or before 19.07.2024**. Quotation will be opened on the same day at 3.30 PM in the presence of the tenderers who wish to be present.

Sl. No.	Description of work	Qty	Rate Rs.	Rate in words	Amount Rs.
1	Supplying of 1.1KV XLPE insulated, PVC extruded inner sheath armoured UG LT cable as per IS -7098 Part-1, armoring strip thickness and resistivity as per IS-3975. a) 4c x 16 sq.mm	35 Mtrs			
2	Labour charges for laying of following size 1.1KV class LT UG cable on trench/ as required etc., complete, a) 4c x 16 sq.mm	35 Mtrs			
3	Supplying and making end terminations of cable with suitable glands, crimping the lugs in the Thermoplastic, Polystyrene enclosure with supply, fixing of all required hard wares complete. a) 4c x 16 sq.mm	2 Sets			
4	Cutting of Road surface for cable trenches and depositing of the excavated earth, as directed Barricading and refilling the cable trenches. a) Tar Road	3 CMT			

5	<p>Supplying and laying Double walled corrugated DWC HDPE pipe as per IS 14930 part II with necessary connecting sockets, couplings, Tees, bends, End - caps of same materials in existing trench/duct/pole/on wall/on black stone wall with SS saddles with necessary clamps, screws etc. complete as required for drawing the cable.</p> <p>a) 40mm OD and 32mm ID</p>	35 Mtrs			
6	Supplying and fixing of 100 mm dia class B, GI pipe for drain and railway crossing.	10 Mtrs			
7	<p>Supplying of recess mounting non-integrated type LED down light luminaire comprising of pressure decast/extruded aluminium housing with spring loaded false ceiling clamps, LED of Power/cob with CCT 6500 degree K, CRI&gt;70% efficacy&gt;100 lumen per watt, 120 degree beam spread, life&gt;25000 burning hours and compliance to IS 10322/IEC 60598, LM79 &amp; LM80. The lamp compartment is enclosed with anti-glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly with PF&gt; 0.95, power loss should &lt;5% of lamp wattage, short circuit, open circuit protection to be integrated in the circuit. THD less than 20%, life as per LM 79. The operating input voltage should be 130 to 275 volts. BIS approved and Tested by NABL/CPRI accredited laboratory with 2years warranty against any manufacturing defect working under standard electrical condition.</p> <p>a) 15- 18W</p>	8 Nos.			
8	<p>Fixing all types and all capacities of fluorescent/false ceiling LED fittings indoor on the wall/ceiling using 23/0.0076" twin twisted PVC insulated wires, required no's of round blocks.</p> <p>a) On wall/Ceiling.</p> <p><b>(Note: 3 Nos. LED batten fitting will be supplied by the Department)</b></p>	11 Nos.			
9	<p>Supply and Installation/Fixing /Provision of Pole box with HRC Fuse/MCB provision and Suitable connector/terminal for 3 Ph/1 Ph connections with Loop-in and Loop-Out terminals for 10 sq.mm/25sqmm 3.5 C Al/Cu cable and branch out 2.5 sq.mm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather proof), rust proof, dust proof, water proof</p>	1 No.			

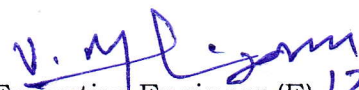


	having internally embedded gasket with provision for cable Entry through IP65 Thermoplastic, polyamide glands and/or grommets with Din Rail for provision for MCB's with necessary clamps as a complete job. a) 260mmx210mmx116mm				
10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and "C" type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. a) 6 A SP b) 16A DP	3 Nos. 1 No.			
11	Supply and Wiring for lighting/ power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694: 2010 confirming to latest amendments. a) 2.5 Sq.mm	100 Mtrs			
12	Supplying, fixing and wiring earth electrode for panel and street lights using 40mm dia, 2.90mm thick GI pipe 2.5 Mtr long with funnel with mesh and suitable size reducer fixed on the top of the Electrode. The funnel should be enclosed in a CC chamber of 400x400x400 mm with cast iron cover. The electrode shall have staggered holes of 12mm dia and the electrode covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts/nuts.	1 No.			
13	Supplying and running GI strips for grounding connections using necessary fixing materials as required. a) 25 x 3mm GI Strip	10 Mtrs			
	Applicable GST				
	Grand Total				

#### **TERMS & CONDITIONS:**

1. The rate quoted for the items shall be firm and F.O.R destination basis. Please note that NMPA is not issuing any concessional C or D forms.
2. The Tenderer shall submit Valid Electrical Contractor License and GST Registration Certificate along with their offer, without which the offer is liable for rejection.
3. Applicable GST will be paid as extra as per actual.
4. The time allowed for completion of work is **15 days** from the date of issue of work order.

5. The LED down light shall have 2 years warranty as per the manufacturer leaflet.
6. The carried out work shall have one year Guarantee from the date of handing over after satisfactory completion of work.
7. Please note that no advance payment will be made. But payment will be made within 15 days after satisfactory completion of Work.
8. Offer shall be submitted in NMPA format only along with Terms & Conditions of Enquiry. Offer submitted in other format will not be considered for evaluation and liable for rejection.
9. The Tenderers should quote their rates in figures as well as in words the amount tendered by them. The amount per each item should be worked out and requisite total should be given. All rates shall be quoted in proper form in the tender schedule enclosed. The rates quoted should be valid for **90 days**.
10. The Tenderer shall be responsible for making good of all the damages done during the work and has to employ skilled & competent workers for carrying out the work.
11. The Tenderer shall be responsible for taking precautionary measures for the safety of the workman working under them and the responsibility arising due to any mishap during the execution of work, the payment of any compensation etc., lies entirely on the part of the Contractor.
12. No tools, plant, Labour, equipment, transport, etc., required for the work will be supplied departmentally and contractor has to make his own arrangements.
13. The evaluation shall be done on the basis of total lowest value (L1) quoted. The GST element if any will not be considered for evaluation.
14. The acceptance of the tender will rest with competent authority of NMPA who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received without assigning any reason.
15. LIQUIDATED DAMAGES:
  - i. In case of delay in completion of the contract, liquidated damages (L.D) may be levied at the rate of 0.5% of the contract price plus applicable GST per week of delay, or part thereof subject to a maximum of 10 per cent of the contract price.
16. Department standard operating procedure will be shared with the successful bidder before commencing the work and an undertaking will be obtained for complying with the same. In case if the Contractor does have a defined SOP for carrying out the work, the same shall be scrutinized and approved by the Executive Engineer (E)-I for its applicability.
17. If the Tenderer after award of work/contract fail to execute the work in the specified allotted period, then the Tenderer shall be debarred for a period of three (3) years from participating for tenders at New Mangalore Port Authority.

  
Executive Engineer (E) 12/7/24  
Electrical Division, NMPA

Seal and sign of Tenderer