



नव मंगलूर पत्तन प्राधिकरण  
**NEW MANGALORE PORT AUTHORITY**  
यांत्रिक अभियंता विभाग  
**Mechanical Engineering Department**  
इलेक्ट्रिकल इंजिनियरिंग डिविजन, पणंबूर, मंगलूर  
**Electrical Engineering Division**  
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No. 8/3/2024/Ele. Dvn/ETS.II/09/01

Date: 25.09.2024

To,

Sir,

Sub: -NMPA-EE (E) - "Supply and Installation of Flood lights to the Compound wall towards Thokur road near Railway Marshalling Yard at NMPA" - Quotation invited - Reg.

Quotation in sealed covers superscribed as "Supply and Installation of Flood lights to the Compound wall towards Thokur road near Railway Marshalling Yard at 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 03.10.2024**. 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 LT UG Cable as per IS-7098(Part-I) Armouring strip thickness and resistivity as per IS-3975. 4C X 10 sq.mm	450 Mtrs			
2	Labour charges for laying of following size 1.1KV class XLPE UG cable/on wall with SS saddles with necessary screws etc. /GI Pipe as required etc., as complete job. 4Core x 10 sq.mm	450 Mtrs			
3	Labour charges for laying of following size 1.1KV class XLPE UG cable/on wall with SS saddles with necessary screws /GI Pipe as required etc., as complete job. <b>(Cable supplied by department)</b> 4Core x 16 sq.mm	350 Mtrs			

4	Supplying and making end terminations of cable with suitable glands, crimping the lugs in the Feeder pillars with supply, fixing of all required hard ware complete. 4 Core x 10 sq.mm	20 Nos.			
5	Supplying and making end terminations of cable with suitable glands, crimping the lugs in the Feeder pillars with supply, fixing of all required hard ware complete. 4 Core x 16 sq.mm	2 Nos.			
6	Supply of <b>150W LED flood light</b> luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti-glare clear diffuser with injection moulded polycarbonate clear glass material, delivering superior light output Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, <b>IP 66</b> optical and electrical compartment & impact resistance of complete luminaire > <b>IK08</b> . Power Factor >0.9 with mains, Surge Protection- min 5KV along with Over voltage/Overload, short circuit/miss-wiring protection. Compatible for pole mounting with bracket of outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60 Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with <b>150 W</b> System Power consumption. LED Efficiency > 130 lum/w, nominal CRI >70. Luminaire should have accredited by NABL / CPRI or any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark / name shall be Engraved / Embossing on the die Cast housing / Body part. <b>Warranty of 2 years</b> against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer.	10 Nos.			
7	Fixing and wiring of 150W LED Flood Light fittings with suitable clamps brackets, lamps, bolts and nuts and wiring.	10 Nos.			
8	Supply and installation/fixing/provision of pole box with HRC fuse/MCB provision and suitable	11 Nos.			

	connector/terminal for 3ph/ 1 ph connections with loop-in and loop- Out terminals for 4Cx16 sq mm Al/Cu cable and branch out 2.5 sq.mm 3 core Al/Cu PVC insulated cable, enclosed in a thermoplastic, polystyrene enclosure, which should be shockproof, safe, IP 65 (weather proof, rust proof, dust proof, water proof having internally embedded gasket provision for cable entry through IP65 Thermoplastic, polyamide glands.				
9	Supplying and fixing 10amps, SP, 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.	10 Nos.			
10	Supplying and fixing 40amps, TPN, 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.	1 No.			
11	Design, fabrication, supply and fixing of GI U- channel of size 70x40mm and 600 mm horizontal length for fixing 1No LED fitting back to back and vertical height of GI pipe 2000 mm, 40mm diameter with top & bottom GI base plate of size 75x75x6mm & 150mmx150mmx6mm on top of black stone compound wall, including cement concrete to base plate as per site condition. Maintain level of LED flood light fitting height from maximum height of the compound wall to minimum height of the compound wall. Work also includes drilling of holes on black stone, supply of required SS nuts, bolts and washers etc. complete.	10 Nos.			
12	Supply and fixing of Spiral earthing Electrode as per standard technical specifications as per ESCOM.	10 Nos.			
13	Supplying and fixing of Class B GI pipe as per IS-1239. a) 50mm size	12 Mtrs			
	Total				
	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 **30 days** from the date of issue of work order.
5. The 150W LED Flood Light shall have 2 years warranty should have Guarantee /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 two (2) years from participating for tenders at New Mangalore Port Authority.

*N. M. L. - sam*  
*25/9/24*  
Executive Engineer (E)  
Electrical Division, NMPA

Seal and sign of Tenderer