नव मगंलुर पत्तन प्राधिकरण
**NEW MANGALORE PORT AUTHORITY**
यांत्रिक अभियंता विभाग
**Mechanical Engineering Department**
इलेक्ट्रिकल इंजिनियरिंग डिविजन, पणंबूर, मंगलूर
**Electrical Engineering Division**
**Panambur, Mangalore – 575010**

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No. 8/3/2024/Ele. Dvn/ETS.II/06/02 Date: 25.06.2024

To,

Sir,

Sub: -NMPA–EE (E) - "Electrification work of additional canteen at ground floor of old stores building" - Quotation invited - Reg.

Quotation in sealed covers superscribed as "Electrification work of additional canteen at ground floor of old stores building" 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 02.07.2024**. 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 and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in brick/C.C wall, including necessary rawl plugs, machine/NF screws etc. complete<br>a) 3 Way<br>b) 6 Way<br>c) 12Way | <br><br><br><br><br><br><br>10 Nos.<br>3 Nos.<br>2 Nos. | | | |
| 2 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts and nuts etc. complete on the existing metal/PVC box.<br>a) 3 Way<br>b) 6 Way<br>c) 12Way | <br><br><br><br><br><br><br>10 Nos.<br>3 Nos.<br>2 Nos. | | | |

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|---|---|---|---|---|---|
| 3 | Supplying and fixing of following modular type materials on existing modular switch plates.<br>a) 6A switch<br>b) 6A, 3 way socket<br>c) 16A Switch<br>d) 6/16A, 3Way socket<br>e) Stepped Fan Regulator (2module) | <br><br>35 Nos.<br>10 Nos.<br>7 Nos.<br>7 Nos.<br>5 Nos. | | | |
| 4 | Supplying of capacitor type ceiling fan complete with down rod, blades, shackle, canopies etc. for operation on 230 volts, 50 cycles. Single phase AC supply confirming to IS-374-1979 and with double ball bearing system.<br>a) 48" Sweep (1200mm) Regular model. | <br><br><br><br>5 Nos. | | | |
| 5 | Fixing 48" Sweep (1200 mm) Regular model Ceiling Fan of all capacities and all types to existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5A ceiling rose, with necessary length of 23/.00076 inch PVC insulated twin twisted copper wire and wiring. | 5 Nos. | | | |
| 6 | Supplying of exhaust fan of 1440 RPM of 300mm (12" Sweep) size with bracket blades complete for light duty suitable to operate on 230V, 50Hz, AC supply. | 3 Nos. | | | |
| 7 | Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5A ceiling rose with sufficient length of 23/.00076 inch PVC insulation twin core wire. | 3 Nos. | | | |
| 8 | Supplying heavy gauge PVC conduit pipe confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc. and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/stone structure or rawl plugs in case of bricks wall and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.<br>a) 25mm dia 2mm thick | 160 Mtrs | | | |
| 9 | Supply of 4 feet PVC Batten with integrated LED tube with high quality diffuser with life of 25000 burning hours & 70% lumen maintenance with CRI>80. Power input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years warranty against any manufacturing defect working under standard electrical condition.<br>a) LED light fitting 1 x 4'-20/22 w. | 10 Nos. | | | |
| 10 | 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, using ceiling rose, required nos. of round blocks.<br>a) on Wall/ceiling | 10 Nos. | | | |

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|---|---|---|---|---|---|
| 11 | Supply and fixing of regular MCB distribution board on wall/wood board/flush mounting using required clamps, bolts, nuts etc. with provision for fixing suitable type capacity MCB"s three phase double door with powder coated painting. Made out of 14 SWG MS enclouser.<br>a) Double Door 8Way TP & N | 3 Nos. | | | |
| 12 | 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.<br>a) 63A TPN<br>b) 20A TPN<br>c) 32A DP<br>d) 32A SP<br>e) 20A DP<br>f) 20A SP<br>g) 16A DP<br>h) 16A SP<br>i) 6A SP | <br>2 Nos.<br>2 Nos.<br>1 No.<br>1 No.<br>1 No.<br>2 Nos.<br>7 Nos.<br>13 Nos.<br>4 Nos. | | | |
| 13 | Supplying and running of copper strips for grounding connections using necessary fixing materials as required.<br>a) 25x6 mm Copper strip | 25 Mtrs | | | |
| 14 | Supply and fixing of Metal Socket set of 2 pole and earth plugs and socket for incorporating SP/TP MCB (without MCB). The entire plug and socket shall be mounted in a thermoplastic/power coated metal box & wired completely.<br>a) 20A – TP & N<br>b) 32A – SP & N<br>c) 20A – SP & N<br>d) 16A – SP & N | <br>1 No.<br>1 No.<br>1 No.<br>7 No. | | | |
| 15 | Supplying and fixing of DP 2 Way enclosure box flush mounting with provision for fixing suitable type capacity MCB's DP with powder coated painting. | 10 Nos. | | | |
| 16 | Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid of size 300mm x 600 mm x 170mm, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cut-out with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. | 1 Set | | | |

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| | Work including supply & fixing of the components complete etc.<br>1) 160A, 25kA MCCB 4 Pole<br>2) 70 Sqmm, 125A CBT cable connectors – 4 Nos.<br>3) Din Rail – 1 Mtrs | | | | |
| 17 | Supply and Installation of LT AC 3 Phase 4 Wire CT Operated, 5 Amps Smart Energy Meter, Class 0.5s Accuracy with RF Communication Module. | 1 No. | | | |
| 18 | Supplying, fixing and wiring earth electrode for panel and street lights using 40 mm dia, 2.90 mm 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 char coal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts. | 2 Nos. | | | |
| | 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 **45 days** from the date of issue of work order.

5. The 4' LED tube shall have 2 years warranty and 48" Ceiling Fan 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 three (3) years from participating for tenders at New Mangalore Port Authority.

V. M Ligam 25/6/24

Executive Engineer (E)
Electrical Division, NMPA

Seal and sign of Tenderer