

# 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

Date: 27-05-2024

E-mail: <u>ele-section@nmpt.gov.in</u>

GSTIN: 29AAALN0057A2ZG

Phone: 0824 2887750/736/756

Fax: 0824 2408200/2408300

No. 8/9/ESD-I/AC/2024

# REQUEST FOR BUDGETARY OFFER

Sir,

Sub: "Supply, Installation, Testing and Commissioning of Wall Mounting Split Air Conditioner units to the Administrative Building, Traffic Building (Wharf) and PTH at NMPA" – Budgetary Offers invited - Reg.

\*\*\*\*

Budgetary Offer in sealed covers superscribed as "Supply, Installation, Testing and Commissioning of Wall Mounting Split Air Conditioner units to the Administrative Building, Traffic Building (Wharf) and PTH at NMPA" 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 03-06-2024.

| S1<br>No | Description  | Qty | Unit | Rate<br>(Rs) | Amount<br>(Rs) |
|----------|--|-----|------|--------------|----------------|
|          | PART-1   |     |      |              |                |
| 1        | Supplying of <b>2 TR</b> ( <b>3 Star</b> ) wall mounting, Non Inverter type Split Air Conditioner units suitable for operation on A/C supply single phase 50Hz 230V with EER Rotary Compressor with air cooled copper condenser, motor capacitor and start run capacitors, relay and over load protector internal unit, with one indoor and one anti corrosive outdoor unit including standard length of suitable size copper tubing covered with insulation tube, suitable capacity 3 core sheathed/PVC copper cable and a battery operated wireless remote unit etc., as a complete unit. <b>REFRIGERANT: R32 eco- friendly.</b> | 14  | No's |              |                |

|     | Supplying of 1.5 TR (3 Star) wall           |     |        |   |   |
|-----|---|-----|--------|---|---|
| 2   | mounting, Non Inverter type Split Air       |     |        |   |   |
|     | Conditioner units suitable for              |     |        |   |   |
|     | operation on A/C supply single phase        |     |        |   |   |
|     | 50Hz 230V with EER Rotary                   |     |        |   |   |
|     | 5   |     |        |   |   |
|     | Compressor with air cooled copper           |     |        |   |   |
|     | condenser, motor capacitor and start        |     |        |   |   |
|     | run capacitors, relay and over load         |     |        |   |   |
|     | protector internal unit, with one           | 4   | , n. , |   |   |
|     | indoor and one anti corrosive outdoor       | 4   | No's   |   |   |
|     | unit including standard length of           |     |        |   |   |
|     | suitable size copper tubing covered         |     |        |   |   |
|     | with insulation tube, suitable              |     |        |   |   |
|     | capacity 3 core sheathed/PVC copper         |     |        |   |   |
|     | , 11  |     |        |   |   |
|     | cable and a battery operated wireless       |     |        |   |   |
|     | remote unit etc., as a complete unit.       |     |        |   |   |
|     | REFRIGERANT: R32 eco- friendly.             |     |        |   |   |
|     | Total                                       |     |        |   |   |
|     | Applicable GST @ 28%                        |     |        |   |   |
|     | Grand Total                                 |     |        |   |   |
| PAR | T-II  |     |        |   |   |
| 1   | Supplying of <b>5KVA</b> Electronic Voltage |     |        |   |   |
| 1   | stabilizers for the 2 Ton Air               |     |        |   |   |
|     | Conditioner.                                |     |        |   |   |
|     |   | 14  | No's   |   |   |
|     | Working Range: 170V - 270V AC,              |     |        |   |   |
|     | 50Hz.                                       |     |        |   |   |
|     | Time Delay: 3 Min $\pm$ 20 Secs. ITDS       |     |        |   |   |
|     | Capacity: 15 Amps.                          |     |        |   |   |
| 2   | Supplying of <b>4KVA</b> Electronic Voltage |     |        |   |   |
|     | Stabilizers for the 1.5 Ton Air             |     |        |   |   |
|     | Conditioner.                                |     |        |   |   |
|     | Working Range: 170V - 270V AC,              | 4   | No's   |   |   |
|     | 50Hz.                                       |     |        |   |   |
|     |   |     |        |   |   |
|     | Time Delay: 3 Min ± 20 Secs. ITDS           |     |        |   |   |
|     | Capacity: 12 Amps.                          |     |        |   |   |
| 3   | Supplying and fixing of 3/4" heavy          |     |        |   |   |
|     | duty PVC drain pipe with required           | 30  | Mtrs   |   |   |
|     | elbows/Tee/bend/ saddles etc. as a          |     |        |   |   |
|     | complete job.                               |     |        |   |   |
| 4   | Supplying and fixing of 3/8" Air            | 35  | Mtrs   |   |   |
| '   | Conditioner copper pipe.                    |     |        |   |   |
| 5   | Supplying and fixing of 5/8" Air            | 0.5 | 3.5:   |   | * |
|     | Conditioner copper pipe.                    | 35  | Mtrs   |   |   |
| -   |   |     |        |   |   |
| 6   | Supplying and fixing of 1/4" Air            | 5   | Mtrs   |   |   |
|     | Conditioner copper pipe                     |     |        |   |   |
| 7   | Supplying and fixing of 1/2" Air            | 5   | Mtrs   |   |   |
|     | Conditioner copper pipe                     |     |        |   |   |
|     | Supplying and drawing flexible              |     |        |   |   |
| 8   | Multicore cable manufactured with           |     |        |   |   |
|     | electrolytic grade flexible copper with     | 40  | Mtrs   |   |   |
|     | low conductor confirming to IS 8130-        |     | 141113 |   |   |
|     | 1984 and PVC insulation sheathed            |     |        |   |   |
|     | 150. and 170 insulation sheathed            |     | 1      | I |   |

|    | suitable for working voltage upto  |    |      |  |
|----|--|----|------|--|
|    | 1100V as per IS:694:2010<br>a) 3C X 4 Sq.mm.   |    |      |  |
|    | Constant of Constant   |    |      |  |
| 9  | Supply and fixing of Metal socket set of 2 pole and earth plugs and socket for incorporating SPN MCB (without MCB). The entire plug and socket shall be mounted in a thermoplastic/power coated metal box and wired completely.  a) 25 Amps SPN  | 18 | No's |  |
| 10 | Supplying and fixing miniature circuit breakers on existing MCB distribution board 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) 25 Amps DP | 14 | No's |  |
|    | b) 20 Amps DP  | 4  | No's |  |
| 11 | Supplying and fixing of DP 2way enclosure box flush mounting using with provision for fixing suitable type Capacity MCB's DP with power coated painting.   | 18 | No's |  |
| 12 | Supplying and fixing of Outdoor Air Conditioner's Mounting bracket stand with required items as a complete job.  | 18 | Sets |  |
| 13 | Core Cutting   | 5  | No's |  |
| 14 | Installation, testing & commissioning of New Split Air Conditioner Units using required hardware and supply of required items as a complete job.   | 18 | Sets |  |
| 15 | Supply and fixing of 15mm Mineral fiber false ceilings Tiles.<br>Size: 2'x2'   | 40 | No's |  |
| 16 | Releasing of 7.5 TR Package type Ductable type Air Conditioner Units (Including indoor and outdoor units) from foundation/Floor brackets and shifting to the Electrical Sub Division –I as a complete job.   | 2  | Set  |  |
|    | Total  |    |      |  |
|    | Applicable GST @18%  |    |      |  |
|    | Grand Total  |    |      |  |

|   | PART-III   |   |     |  |
|---|--|---|-----|--|
| 1 | Buy back of above 7.5 TR Package   |   |     |  |
|   | type Ductable type Air Conditioner<br>Units. (including indoor and outdoor<br>units) Make: Voltas. | 2 | Set |  |
|   | Year: a) First unit - 1999   |   |     |  |
|   | b) Second Unit - 2006  |   |     |  |
|   | Total  |   |     |  |
|   | Applicable GST @ 18%   |   |     |  |
|   | Grand Total  |   |     |  |
|   | Total (PART I+PART II+PART III)  |   |     |  |
|   | Applicable GST (PART I + PART II + PART III)   |   |     |  |
|   | Grand Total (including GST)  |   |     |  |

# **TERMS & CONDITIONS:**

- 1. The rate quoted for the items shall be firm and exclusive of applicable Taxes and F.O.R destination basis.
- 2. Applicable GST will be paid as per actual.
- 3. The supplied AC units and Stabilizers should have Guarantee /warranty as per the manufacturer leaflet.
- 4. The carried out work shall have one year Guarantee from the date of handing over after satisfactory completion of work.
- 5. 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**.
- 6. The Tenderer may visit the work site and get acquainted himself with the site conditions, nature of work involved before tendering. Any assistance, in this regard will be provided by the department under prior appointment and the undersigned may be contacted for the purpose.
- 7. 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.
- 8. No tools, plant, Labour, equipment, transport, etc., required for the work will be supplied departmentally and contractor has to make his own arrangements.

**Sd/-**Executive Engineer (E)
Electrical Division, NMPA