



BHARAT HEAVY ELECTRICALS LIMITED

RAMACHANDRAPURAM :: HYDERABAD-32
TOWNSHIP ADMINISTRATION

TENDER DOCUMENTS (PRICE BID)

**ANNUAL WORKS CONTRACT FOR ATTENDING COMPLAINTS, MAINTENANCE,
OVERHAULING & REWINDING OF FANS IN TOWNSHIP.**

Tender Notice : HY/TA/E/OT-06/2019-20, Dt. 12.03.2020 (NOATX00095)

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1. Schedule - A : Schedule of rates and approximate quantities

NAME & ADDRESS OF TENDERER:

PHONE NO. : _____

E-mail : _____

SIGN. OF TENDERER

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD - 32
TOWNSHIP ADMINISTRATION / ELECTRICAL DEPARTMENT

Tender No.: HY/TA/E/OT-06/2019-20
Date : 12.03.2020
(NOATX00095)

SCHEDULE - 'A'**ANNUAL WORKS CONTRACT FOR ATTENDING COMPLAINTS, MAINTENANCE, OVERHAULING & REWINDING OF FANS IN TOWNSHIP.**

| Sl. No. | SAC Code | Nature of work | Unit | Qty. | Rate | Amount (Rs.) |
|---------|----------|--|-----------------|------|--------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1 | 995469 | Labour charges for attending fans complaints including on-site rectification works e.g., loose connections in fan/ ceiling rose/ switch etc., checking & replacing (if necessary) of capacitor/ regulator/ connecting wire, tightening of blades/ clamp-set/ nuts & bolts etc.; all complete as directed by Engr-in-charge. (capacitor, regulator will be supplied by BHEL) | Each complai nt | 4500 | 56.00 | 2,52,000.00 |
| 2 | | Installation, connection & testing of new / reconditioned fan of following types including conveyance, marking of BHEL serial number (if required) with paint and removing & handing over of existing fan to TA-Electrical Dept.; complete all as directed by Engineer-in-charge. (Fan will be supplied by BHEL) | | | | - |
| a) | 995469 | 1200 / 1400 mm sweep ceiling fan | Each | 2250 | 73.50 | 1,65,375.00 |
| b) | 995469 | Wall mounted fan | Each | 40 | 84.00 | 3,360.00 |
| c) | 995469 | Heavy duty / Light duty exhaust fan | Each | 50 | 126.00 | 6,300.00 |
| 3 | - | Overhauling of removed fan of following types, cleaning and making it ready for installation; all complete as directed by Engr-in-charge. (Bearings and bushes will be supplied by BHEL) | | | | - |
| a) | 995469 | 1200 / 1400 mm sweep ceiling fan | Each | 320 | 68.78 | 22,009.60 |
| b) | 995469 | Wall mounted fan / Pedestal fan | Each | 50 | 68.78 | 3,439.00 |
| c) | 995469 | Heavy duty / light duty exhaust fan | Each | 50 | 113.44 | 5,672.00 |
| 4 | - | Removal of burnt out complete existing winding of following fans and rewinding with suitable super enamelled copper wire as per standard practice followed by overhauling of the fan and testing, including all incidental charges & misc. items required for winding; all complete as directed by Engineer-in-charge. Removed winding wire shall be retained by the contractor and rate to be quoted accordingly. A guarantee of six months must be given against winding defects. (Bearings and bushes will be supplied by BHEL) | | | - | - |
| a) | 995469 | 1200 / 1400 mm sweep ceiling fan | Each | 400 | 415.35 | 1,66,140.00 |
| b) | 995469 | 225 mm sweep light duty exhaust fan | Each | 40 | 416.69 | 16,667.60 |
| c) | 995469 | 300 mm sweep heavy duty exhaust fan | Each | 40 | 460.02 | 18,400.80 |
| 5 | 995469 | Supply of new suitable ball bearing of required size (6201 / 6202 / 6203 / 6204 / S8) during overhauling of fans. | Each | 60 | 89.53 | 5,371.80 |
| 6 | 995469 | Supply of AP3 all purpose grease for ball bearings. | Kg. | 10 | 247.26 | 2,472.60 |
| 7 | 995469 | Supply of engine oil 20/40 grade for overhauling of fans. | Litre | 4 | 247.26 | 989.04 |
| 8 | 995469 | Supply of kerosene oil for overhauling of fans. | Litre | 15 | 68.21 | 1,023.15 |
| 9 | 995469 | Supply of cora cloth | Metre | 100 | 14.00 | 1,400.00 |
| 10 | - | Cleaning (on-site) of fan body and blades including cost of detergent, cloth etc. followed by checking tightness of nut-bolts, pins etc.; all complete as directed by Engineer-in-charge. | | | - | - |
| a) | 995469 | 1200 / 1400 mm sweep ceiling fan | Each | 400 | 33.94 | 13,576.00 |
| b) | 995469 | Exhaust fan/ wall-mounted fan / Pedestal fan | Each | 35 | 68.78 | 2,407.30 |
| 11 | 995469 | Supply, fixing & connection of Electronic (5-step) Fan Regulator including removal of existing fan regulator and handing over to TA-Electrical Dept. etc.; complete all as directed by Engineer-in-charge. | Each | 20 | 140.68 | 2,813.60 |

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| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 12 | 995469 | Supply, fixing & connection of Resistance type Fan Regulator (Crompton Greaves / Orient / any reputable make) including removal of existing fan regulator and handing over to TA-Electrical Dept. etc.; complete all as directed by Engineer-in-charge. | Each | 100 | 55.38 | 5,538.00 |
| 13 | 995469 | Supply, fixing & connection of 2.5 mfd, 400V capacitor including removal of existing capacitor and handing over to TA-Electrical Dept. etc.; complete all as directed by Engineer-in-charge. | Each | 200 | 38.19 | 7,638.00 |
| 14 | 995469 | Supply, fixing & connection of 1.2 mfd, 400V capacitor including removal of existing capacitor and handing over to TA-Electrical Dept. etc.; complete all as directed by Engineer-in-charge. | Each | 100 | 45.50 | 4,550.00 |
| 15 | 995469 | Supply and fixing of Fan rubber rollers (bush) ring washers complete as directed by engineer incharge | Each | 400 | 38.19 | 15,276.00 |
| 16 | 995469 | Supply & fixing of clamp set with rubber bush, nuts & bolts, locking pins etc. for mounting of ceiling fan; complete all as directed by Engineer-in-charge. | Set | 20 | 42.00 | 840.00 |
| 17 | 995469 | Supply and fixing of ceiling fan hooks 12mm to 15mm rod in S-shape to the ceiling rod including chipping and cleaning with necessary masonry work. | Each | 5 | 104.51 | 522.55 |
| 18 | 995469 | Supply and installation of 225mm (9") light duty exhaust fans of reputable make with metallic blades propeller type with louver shutter type. The fan to be connected with suitable length of 16/0.2mm twin twisted copper wire. The necessary mounting frame together with foundation bolts shall be mounted properly and finished neatly to match the surroundings. | Each | 1 | 1,328.69 | 1,328.69 |
| 19 | 995469 | Supply and installation of heavy duty exhaust fans of 300mm (12") fan of 900RPM of reputable make with metallic blades propeller type with louver shutter type. The fan to be connected with suitable length of 16/0.2mm twin twisted copper wire. The necessary mounting frame together with foundation bolts shall be mounted properly and finished neatly to match the surroundings. | Each | 1 | 2,482.23 | 2,482.23 |
| 20 | 995469 | Supply and fixing of 1200mm (48") sweep double ball bearing type ceiling fan with all standard accessories Bajaj/ GEC/ Crompton make including fan hooks and clamps and connecting it up to the fan point with suitable length of 16/0.2mm PVC insulated twin twisted copper conductor cable. | Each | 1 | 1,525.40 | 1,525.40 |
| 21 | 995469 | Supply and fixing of 1400mm (56") sweep double ball bearing type ceiling fan with all standard accessories of Bajaj/ GEC/ Crompton make including fan hooks and clamps and connecting it up to the fan point with suitable length of 16/0.2mm PVC insulated twin twisted copper conductor cable as directed by engineer in charge. | Each | 1 | 1,625.48 | 1,625.48 |
| | | | | | GRAND TOTAL | 7,30,743.84 |

Note:- The tenderers are required to quote their tender value on %age basis at Excess / Less / on par with estimated value.

| Tender % | In Words | In Figures |
|--------------------|----------|------------|
| Excess | | |
| Less | | |
| Estimate rate only | | |

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|---------|----------|----------------|------|------|------|--------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |

Conditions :

| | |
|---|---|
| 1 | Taxes & Duties: The rate quoted by the contractor shall be exclusive of GST. All the terms & conditions of the contract with respect to Taxes & Duties are subject to the new taxation laws introduced from time to time (e.g., GST). The terms & conditions will be modified in accordance with the provisions of new laws (e.g., GST). |
| 2 | Contract Period & Maintenance Period: Period of contract : One (1) year from the date of commencement Maintenance period : Six (6) months from the date of completion |
| 3 | Penalty: Penalty amount determined as per penalty clause (as mentioned in pg. 5 of NIT) of the contract along with GST if applicable thereon shall be recovered |

Notes :

| | |
|---|---|
| 1 | All necessary tools, tackles & equipment including ladders / stands of suitable height etc. required for effective execution of the work are to be invariably provided by contractor only. Carriage of necessary tools, tackles & equipment including ladders / stands to site is a part of the work. |
| 2 | Time limit for various activities:- a) Resolution of complaint : 1 week from the date of complaint b) Overhauling of fan : 10 days from the date of handing over of fan c) Rewinding of fan : 10 days from the date of handing over of fan |
| 3 | Contractor shall maintain proper record of complaints received and attended with proof of completion. |
| 4 | Compiled data of complaints as directed by Engineer-in-charge must be produced before submission of bill for payment. |

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