

**( Cover page for Price Bid )**

**Issued to:** \_\_\_\_\_

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**BHARAT HEAVY ELECTRICALS LIMITED  
RAMACHANDRAPURAM :: HYDERABAD-32  
TOWNSHIP ADMINISTRATION**

**TENDER DOCUMENTS (PRICE BID)**

**Name of the work : Servicing and maintenance of Ceiling fans & Exhaust fans  
in township.**

**Tender Notice : HY/TA/E/OT-01/2011-12, Dt. 10.05.2011; Item No. 04**

**INDEX**

**1. Schedule 'A' : Schedule of rates and approximate quantities**

**SIGN. OF TENDERER**

**ISSUING OFFICER**

**Address:**

**Phone No.** \_\_\_\_\_

**BHARAT HEAVY ELECTRICALS LIMITED**

RAMACHANDRAPURAM :: HYDERABAD - 32

(TOWNSHIP ADMINISTRATION)

ELECTRICAL DEPARTMENT

**SCHEDULE - 'A'**

Tender No.: HY/TA/E/OT-01/2011-12

Date : 10.05.2011

Item No.: 04

**Servicing and maintenance of ceiling fans and exhaust fans in Township.**

| Sl. No. | Nature of work                                                                                                                                                                                                     | Unit | Qty | Rate   | Amount    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------|-----------|
| (1)     | (2)                                                                                                                                                                                                                | (3)  | (4) | (5)    | (6)       |
| 1       | cleaning of <b>ceiling fans / wall fans / Pedestal fans</b> body and blades with vim powder and checking quarter pins, check nuts, and nut bolts etc.; all complete as directed by Engineer-in-charge.             | Each | 600 | 38.00  | 22,800.00 |
| 2       | Cleaning of <b>Exhaust fan</b> body and blades with detergent powder and checking quarter pins, check nuts, and nut bolts etc.; all complete as directed by Engineer-in-charge.                                    | Each | 60  | 77.00  | 4,620.00  |
| 3       | Removing, overhauling and re-fixing of the following fans from residential and non-residential buildings; all complete as directed by Engineer-in-charge.<br>( bearings / bushes will be supplied departmentally ) |      |     |        | -         |
| a)      | 1200 mm sweep ceiling fan                                                                                                                                                                                          | Each | 90  | 77.00  | 6,930.00  |
| b)      | 1400 mm sweep ceiling fan                                                                                                                                                                                          | Each | 90  | 77.00  | 6,930.00  |
| c)      | Wall mounted fan / Pedestal fans                                                                                                                                                                                   | Each | 60  | 77.00  | 4,620.00  |
| 4       | Removing, overhauling and re-fixing of <b>exhaust fans heavy duty</b> from residential and non-residential buildings as directed by engineer-in-charge<br>(bearings / bushes will be supplied departmentally )     |      |     |        | -         |
| a)      | Heavy duty exhaust fan                                                                                                                                                                                             | Each | 30  | 127.00 | 3,810.00  |
| b)      | Light duty exhaust fan                                                                                                                                                                                             | Each | 30  | 127.00 | 3,810.00  |
| 7       | Supply of new suitable <b>bush bearing</b> of required size during overhauling of the following fans:                                                                                                              |      |     |        | -         |
| a)      | 1200 mm sweep ceiling fan                                                                                                                                                                                          | Each | 40  | 105.00 | 4,200.00  |
| b)      | 1400 mm sweep ceiling fan                                                                                                                                                                                          | Each | 40  | 105.00 | 4,200.00  |
| c)      | Exhaust fan / Wall mounted fan / Pedestal fans                                                                                                                                                                     | Each | 40  | 105.00 | 4,200.00  |

| Sl. No. | Nature of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Unit | Qty | Rate   | Amount    |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------|-----------|
| (1)     | (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (3)  | (4) | (5)    | (6)       |
| 8       | Reconditioing of over sized <b>bush bearing</b> housing for suitable ball bearing according to size of the fans 36"/48"/56" ceiling fans/Exhaust fans/Wall mounted fans/Pedestal fan.                                                                                                                                                                                                                                                                                                              | Each | 60  | 120.00 | 7,200.00  |
| 9       | Supply and fixing of <b>Fan rubber rollers (bush) ring washers complete</b> as directed by engineer incharge                                                                                                                                                                                                                                                                                                                                                                                       | Each | 360 | 44.00  | 15,840.00 |
| 10      | Supply and fixing of <b>ceiling fan hooks 12mm to 15mm</b> rod in S shape to the ceiling rod including chipping and cleaning with necessary masonary work.                                                                                                                                                                                                                                                                                                                                         | Each | 45  | 119.00 | 5,355.00  |
| 11      | Supply of <b>Exhuast fan blades 9"/ 12"</b> light duty / heavy duty.                                                                                                                                                                                                                                                                                                                                                                                                                               | set  | 20  | 198.00 | 3,960.00  |
| 12      | Supply and fixing of MS pipe <b>15mm dia 3.3/5mm</b> thick with one side threaded suitable for ceiling fans.                                                                                                                                                                                                                                                                                                                                                                                       | mtr  | 25  | 120.00 | 3,000.00  |
| 13      | Supply and fixing of <b>ceiling fan speed regulators</b> Electronic step type of Crompton Greaves / Orient / any reputable make.                                                                                                                                                                                                                                                                                                                                                                   | Each | 30  | 164.00 | 4,920.00  |
| 14      | Removal of burnt out complete existing winding of following sizes of ceiling fan and rewinding the same with suitable super enamelled copper wire as per standard practice and testing. Removal winding wire shall be retained by the contractor and suitably credited its value and net value to be quoted.The rate includes cost of winding, cost of labour & testing, six months guarantee must be given against winding defects                                                                |      |     |        | -         |
| a)      | 1200 mm AC ceiling fan                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Each | 240 | 400.00 | 96,000.00 |
| b)      | 1400 mm AC ceiling fan                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Each | 180 | 400.00 | 72,000.00 |
| 16      | <b>Removal</b> of burnt out complete existing <b>winding of 225mm Light duty exhaust fan</b> and <b>rewinding</b> the same with suitable super enamelled copper wire as per standard practice and testing. Removal winding wire shall be retained by the contractor and suitably credited its value and net value to be quoted. the rate includes cost of winding wire and sundary items required for winding cost of labour & testing six months guarantee must be given agianst winding defects. | Each | 12  | 350.00 | 4,200.00  |

| Sl. No. | Nature of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Unit | Qty | Rate    | Amount   |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|---------|----------|
| (1)     | (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (3)  | (4) | (5)     | (6)      |
| 17      | <b>Removal</b> of burnt out complete existing <b>winding of 300mm Heavy duty exhaust fan</b> and <b>rewinding</b> the same with suitable super enamelled copper wire as per standard practice and testing. Removal winding wire shall be retained by the contractor and suitably credited its value and net value to be quoted. the rate includes cost of winding wire and sundary items required for winding cost of labour & testing six months guarantee must be given agianst winding defects. | Each | 20  | 400.00  | 8,000.00 |
| 18      | Supply and installation of <b>225mm (9") light duty exhaust fans</b> 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 finsihed neatly to match the surroundings.                                                                                                                       | Each | 2   | 1540.00 | 3,080.00 |
| 19      | Supply and installation of <b>heavy duty exhaust fans of 300mm (12") fan of 900RPM</b> 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 | 2   | 2877.00 | 5,754.00 |
| 20      | supply and fixing of <b>1200mm (48") sweep double ball bearing type fan</b> 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 | 2   | 1768.00 | 3,536.00 |
| 21      | supply and fixing of <b>1400mm (56") sweep double ball bearing type fan</b> 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 | 2   | 1884.00 | 3,768.00 |
| 22      | Painting of B.H.E.L serial number on ceiling fans with black / white paint                                                                                                                                                                                                                                                                                                                                                                                                                         | Each | 500 | 11.00   | 5,500.00 |
| 23      | Removal of the <b>existing paint of ceiling fans</b> of the following sizes rubbing with emari paper. cleaning with caustic soda and repainting the same with one coat of primer and two coats of good quality white / maroon colour enamel paint with sprayer to make it good as original finish.                                                                                                                                                                                                 |      |     |         | -        |

| Sl. No. | Nature of work                                                                                                                                                                                                                                                                     | Unit | Qty                 | Rate   | Amount            |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|--------|-------------------|
| (1)     | (2)                                                                                                                                                                                                                                                                                | (3)  | (4)                 | (5)    | (6)               |
| a)      | 1200 mm sweep ceiling fan                                                                                                                                                                                                                                                          | Each | 120                 | 225.00 | 27,000.00         |
| b)      | 1400 mm sweep ceiling fan                                                                                                                                                                                                                                                          | Each | 120                 | 225.00 | 27,000.00         |
| 25      | Removal of the <b>existing paint of 9"/12" Exhaust fans rubbing with emari paper and</b> cleaning with caustic soda and repainting the same with one coat of primer and two coats of good quality black/ gray colour enamel paint with sprayer to make it good as original finish. | Each | 25                  | 200.00 | 5,000.00          |
| 26      | Removing of existing fan regulator and replacing with new fan regulator including connection. The removed fan regulators to be handed over to the Electrical store at TA; all complete as directed by Engineer-in-charge. ( fan regulators will be supplied by department )        | Each | 250                 | 19.00  | 4,750.00          |
| 27      | Removing of existing fan condensor and replacing with new condensor including connection. The removed condensers to be handed over to the Electrical store at TA; all complete as directed by Engineer-in-charge. ( condensers will be supplied by department )                    | Each | 250                 | 19.00  | 4,750.00          |
| 28      | Checking and rectification of loose connections in ceiling rose / switch / fan point                                                                                                                                                                                               | Each | 300                 | 15.00  | 4,500.00          |
|         |                                                                                                                                                                                                                                                                                    |      | <b>TOTAL ... ..</b> |        | <b>381,233.00</b> |

**Note:- The tenderers are required to quote their tender value on %age basis at excess or less or on par with estimated value.**

| Tender %                  | Figures | words |
|---------------------------|---------|-------|
| <b>Excess</b>             |         |       |
| <b>Less</b>               |         |       |
| <b>Estimate rate only</b> |         |       |

**Conditions :**

|   |                                                                                                                                                                                                 |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | A <b>penalty of 0.5%</b> of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.                               |
| 2 | The rates quoted for the items of work shall be inclusive of taxes ( excluding sales tax & service tax ) and duties levied by Central / State Govt. Organisations as well as local authorities. |

| Sl. No. | Nature of work                                                                                                                                                                                                                                                      | Unit | Qty | Rate | Amount |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|------|--------|
| (1)     | (2)                                                                                                                                                                                                                                                                 | (3)  | (4) | (5)  | (6)    |
| 3       | <b>Sales tax &amp; Service tax will be extra if applicable for this contract.</b> Taxes if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the taxes by the contractor.           |      |     |      |        |
| 4       | If the contractor has not quoted the <b>%age clearly</b> , it is considered as incomplete tender and tender cannot be accepted.                                                                                                                                     |      |     |      |        |
| 5       | All BHEL general conditions of contract and special conditions enclosed to this document are applicable to this work.                                                                                                                                               |      |     |      |        |
| 6       | In case there is any difference in the quoted % age between figures and words, the resultant higher tender value will be taken for evaluation of tender priority and while awarding, lower tender value will be taken and this should be binding on the contractor. |      |     |      |        |
| 7       | The department reserves the right to cancel the work without assigning any reasons therefor.                                                                                                                                                                        |      |     |      |        |
| 8       | The billing is done as per the units specified and completion to the satisfaction of Engineer-in-charge.                                                                                                                                                            |      |     |      |        |
| 9       | The quantities shown above are approximate and liable for variation.                                                                                                                                                                                                |      |     |      |        |
| 10      | Conditional offers are not acceptable.                                                                                                                                                                                                                              |      |     |      |        |
| 11      | All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of BHEL-HR department.                                           |      |     |      |        |