

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 fans in Township.**

**Tender Notice : HY/TA/E/OT-02/2013-14, Dt. 13.08.2013; Item No. 04**

- - INDEX - -

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

ADDRESS :

PHONE NO. : \_\_\_\_\_

E-mail : \_\_\_\_\_

**SCHEDULE - 'A'**

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

Sl. No.	Description	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
1	Removing, overhauling and re-fixing of the following fans from residential and non-residential buildings; all complete as directed by Engineer-in-charge. ( bearings / bushes will be supplied departmentally )				
a)	1200 mm sweep ceiling fan	Each	150	77.00	11,550.00
b)	1400 mm sweep ceiling fan	Each	150	77.00	11,550.00
c)	Wall mounted fan / Pedestal fans	Each	50	77.00	3,850.00
2	Removing, overhauling and re-fixing of exhaust fans heavy duty from residential and non-residential buildings as directed by engineer-in-charge (bearings / bushes will be supplied departmentally )				-
a)	Heavy duty exhaust fan	Each	50	127.00	6,350.00
b)	Light duty exhaust fan	Each	50	127.00	6,350.00
3	Supply of new suitable bush bearing of required size during overhauling of the following fans:				-
a)	1200 mm sweep ceiling fan	Each	70	105.00	7,350.00
b)	1400 mm sweep ceiling fan	Each	70	105.00	7,350.00
c)	Exhaust fan / Wall mounted fan / Pedestal fans	Each	40	105.00	4,200.00
4	Reconditioning of over sized bush bearing 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
5	Supply and fixing of Fan rubber rollers (bush) ring washers complete as directed by engineer incharge	Each	500	44.00	22,000.00
6	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	50	119.00	5,950.00
7	Supply of Exhaust fan blades 9" / 12" light duty / heavy duty.	set	25	198.00	4,950.00
8	Supply and fixing of MS pipe 15mm dia 3.3/5mm thick with one side threaded suitable for ceiling fans.	mtr	50	120.00	6,000.00
9	Supply and fixing of ceiling fan speed regulators Electronic step type of Crompton Greaves / Orient / any reputable make.	Each	100	164.00	16,400.00

Sl. No.	Description	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
10	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 ceiling fan	Each	300	400.00	1,20,000.00
b)	1400 mm ceiling fan	Each	250	400.00	1,00,000.00
11	Removal of burnt out complete existing winding of following sizes of exhaust fans and rewinding the same with suitable super enamelled copper wire as per standard practice and testing. Removed 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 sundry items required for winding, cost of labour & testing. six months guarantee must be given against winding defects.				-
a)	225 mm light duty exhaust fans	Each	75	350.00	26,250.00
b)	300 mm heavy duty exhaust fans	Each	50	400.00	20,000.00
12	Supply and installation of 225mm (9") light duty exhaust fans of reputed make ( <u>Bajaj/CG/Havells</u> ) 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	1540.00	3,080.00
13	Supply and installation of heavy duty exhaust fans of 300mm (12") fan of 900RPM of reputed make ( <u>Bajaj/CG/Havells</u> ) 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
14	supply and fixing of 1200mm (48") sweep double ball bearing type ceiling fan ( <u>Bajaj/CG/Orient/Havells</u> ) with all standard accessories 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	1768.00	3,536.00
15	supply and fixing of 1400mm (56") sweep double ball bearing type fan ceiling fan ( <u>Bajaj/CG/Orient/Havells</u> ) with all standard accessories 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
16	Painting of B.H.E.L serial number on ceiling fans with black / white paint	Each	1000	11.00	11,000.00
17	Removal of the existing paint of ceiling fans 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.	Description	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
a)	1200 mm sweep ceiling fan	Each	150	225.00	33,750.00
b)	1400 mm sweep ceiling fan	Each	150	225.00	33,750.00
18	Removal of the existing paint of 9"/12" Exhaust fans rubbing with emari paper and 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	50	200.00	10,000.00
19	Supply of resistance type fan regulator (Bajaj/Orient/CG/GEC) and replacing of existing fan regulator including connection. Removed fan regulators to be handed over to the Electrical store at TA; all complete as directed by Engineer-in-charge.	Each	300	64.00	19,200.00
20	Supply of 2.5 mfd, 400V condenser and replacing of existing fan condenser (Bajaj/Capco or equivalent) including connection. Removed condensers to be handed over to the Electrical store at TA; all complete as directed by Engineer-in-charge.	Each	300	44.00	13,200.00
21	Checking and rectification of loose connections in ceiling rose / switch / fan point.	Each	500	15.00	7,500.00
22	cleaning of <b>ceiling fan</b> (of following sizes) body and blades with detergent powder and checking quarter pins, check nuts, and nut bolts etc.; all complete as directed by Engineer-in-charge.				-
a)	1200 mm sweep ceiling fan	Each	600	38.00	22,800.00
b)	1400 mm sweep ceiling fan	Each	600	38.00	22,800.00
23	Cleaning of <b>Exhaust fan/ wall mounted fan / Pedestal fan</b> body and blades with detergent powder and checking pins, check nuts etc.; all complete as directed by Engineer-in-charge.	Each	100	77.00	7,700.00
<b>TOTAL ... ..</b>		<b>( Rs: five lakhs eighty five thousand one hundred &amp; thirty eight only )</b>			<b>5,85,138.00</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 ( % )	in figures	in words
Excess		
Less		
Estimate rate only		

**Conditions :**

1	A <b>penalty</b> of 0.5% 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 tender % age quoted by the contractor shall be inclusive of all taxes and duties other than service tax as applicable from time to time.
3	The rate quoted by the contractor shall be inclusive of all taxes (except service tax) and duties levied by Central/State Govt. organizations as well as local authorities, as applicable from time to time.
4	<b>Service tax will be extra if applicable for this contract.</b> Service Tax if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor.