

SCHEDULE - 'A'
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	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	100	77.00	7,700.00
b)	1400 mm sweep ceiling fan	Each	100	77.00	7,700.00
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	30	127.00	3,810.00
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	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
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	45	119.00	5,355.00
7	Supply of Exhaust fan blades 9"/ 12" light duty / heavy duty.	set	20	198.00	3,960.00
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 Anchor / GM / SSK / any reputable make; as directed by Engineer-in-charge.	Each	100	164.00	16,400.00

Sl. No.	Nature of work	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	240	400.00	96,000.00
b)	1400 mm ceiling fan	Each	180	400.00	72,000.00
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	50	350.00	17,500.00
b)	300 mm heavy duty exhaust fans	Each	20	400.00	8,000.00
12	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	2	1,540.00	3,080.00
13	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	2	2,877.00	5,754.00
14	supply and fixing of 1200mm (48") sweep double ball bearing type 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	2	1,768.00	3,536.00

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
15	supply and fixing of 1400mm (56") sweep double ball bearing type 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	2	1,884.00	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.				
a)	1200 mm sweep ceiling fan	Each	150	225.00	33,750.00
b)	1400 mm sweep ceiling fan	Each	120	225.00	27,000.00
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/ greay colour enamel paint with sprayer to make it good as original finish.	Each	25	200.00	5,000.00
19	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
20	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
21	Checking and rectification of loose connections in ceiling rose / switch / fan point.	Each	300	15.00	4,500.00
			TOTAL		403,313.00

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
Excess		
Less		
Estimate rate only		

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Conditions :

1	A penalty 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	Service tax will be extra if applicable for this contract. 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.
4	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.
5	The department reserves the right to cancel the work without assigning any reasons therefor.
6	Conditional offers are not acceptable.
7	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.
8	The maintenance period of the work is 12 months from the actual date of completion of work. The security deposit will be released after satisfactory completion of the maintenance period.