



## **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-03/2023-24, Dt. 15.05.2023 (N0AWX00142)**

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

NAME & ADDRESS OF TENDERER:

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

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

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

Tender No.: HY/TA/E/OT-03/2023-24

Date : 15.05.2023

(N0AWX00142)

**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 (Rs.)	Amount (Rs.)
(1)	(2)	(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 complaint	3400	69.03	234,702.00
2		Installation, connection & testing of new / reconditioned fan of following types including conveyance, marking of BHEL serial number (if not available) with paint and removing & handing over of existing fan to Dept.; complete all as directed by Engineer-in-charge. (Fan will be supplied by BHEL)				-
a)	995469	1200 / 1400 mm sweep ceiling fan	Each	500	90.58	45,290.00
b)	995469	Wall mounted fan	Each	30	103.53	3,105.90
c)	995469	Heavy duty / Light duty exhaust fan	Each	40	155.30	6,212.00
d)	995469	Removing of fan (any type) from vacant / non-moving quarters and other locations as specified by Engr.-in-charge and handing over to Dept.	Each	120	56.28	6,753.60
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	120	84.77	10,172.40
b)	995469	Wall mounted fan / Pedestal fan	Each	40	84.76	3,390.40
c)	995469	Heavy duty / light duty exhaust fan	Each	40	139.89	5,595.60
d)	995469	Service charge for fan found to be unrepairable after dismantling as certified by Engr.-in-charge.	Each	120	45.02	5,402.40
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	320	511.92	163,814.40
b)	995469	225 mm sweep light duty exhaust fan	Each	30	513.58	15,407.40
c)	995469	300 mm sweep heavy duty exhaust fan	Each	30	566.99	17,009.70
5	995469	Supply of new suitable ball bearing of required size (6201 / 6202 / 6203 / 6204 / S8) during overhauling of fans.	Each	50	110.35	5,517.50
6	995469	Supply of AP3 all purpose grease for ball bearings.	Kg.	8	304.76	2,438.08
7	995469	Supply of engine oil 20/40 grade for overhauling of fans.	Litre	3	304.76	914.28
8	995469	Supply of kerosene oil for overhauling of fans.	Litre	10	84.08	840.80

Sl. No.	SAC Code	Nature of work	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
(1)	(2)	(4)	(5)	(6)		(7)
9	995469	Supply of cora cloth	Metres	40	17.26	690.40
10	-	Cleaning ( <i>on-site</i> ) 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	320	41.83	13,385.60
b)	995469	Exhaust fan/ wall-mounted fan / Pedestal fan	Each	30	84.77	2,543.10
11	995469	Supply, fixing & connection of stepped type electronic fan regulator (5-step, socket size) <u>with surface mounting PVC box</u> including removal of existing fan regulator and handing over to Dept. etc.; all complete as directed by Engineer-in-charge.	Each	15	195.85	2,937.75
12	995469	Supply, fixing & connection of stepped type electronic fan regulator (5-step, <u>modular</u> , 2M size) on existing modular plate switch box including removal of existing fan regulator and handing over to Dept. etc.; all complete as directed by Engineer-in-charge.	Each	15	311.79	4,676.85
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	47.08	9,416.00
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	80	56.07	4,485.60
15	995469	Supply and fixing of Fan rubber rollers (bush) ring washers complete as directed by engineer incharge	Each	300	47.06	14,118.00
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	10	51.77	517.70
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	4	128.80	515.20
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	1,637.64	1,637.64
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	3,059.38	3,059.38

Sl. No.	SAC Code	Nature of work	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
(1)	(2)	(4)	(5)	(6)		(7)
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	1,880.08	1,880.08
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	2,003.46	2,003.46
			<b>GRAND TOTAL ... ..</b>			<b>588,433.22</b>

**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		

**Conditions :**

1	<b>Taxes &amp; Duties:</b> 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	<b>Contract Period &amp; Maintenance Period:</b> Period of contract : One (1) year from the date of commencement Maintenance period : Six (6) months from the date of completion
3	<b>Penalty:</b> 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 etc. required for effective execution of the work are to be invariably provided by the contractor only. Carriage of necessary tools, tackles & equipment etc. to site is a part of the work.
2	Contractor shall maintain proper record of complaints / works attended with proof of completion. Compiled data of complaints / works as directed by Engineer-in-charge must be produced before submission of bill for payment.