



**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI-15,  
TAMIL NADU, GOVT OF INDIA (Deemed university)**

Phone: 0431-2503835/36/39/40 Fax: 91-431-2500133 [www.nitt.edu](http://www.nitt.edu)

ESTATE MAINTENANCE / ELECTRICAL Email: [emc@nitt.edu](mailto:emc@nitt.edu)

**TENDER NOTIFICATION**

**Ref No: NITT/EMD/COW/IE (E)/Enq.No.58 & 59/2013.**

**Date.17.09.2013**

The Chief of works, Estate Maintenance Department, NIT, Trichy- 620 015 invites on behalf of the Director, NIT, Trichy –620 015 sealed item rate tenders from the reputed Manufactures/suppliers. The Tender will be **opened at 3.30 P.M on 30.09.2013** at the Registrar chamber in the presence of those present. The Tender documents must be submitted in sealed covers and should be addressed to the **Director, NIT, Trichy-15..**

**Details**

Enq No	Name of works & Locatin	Estimate cost put to tedeter (Rs)	Earnest Money (Rs)	Tender cost (Rs)	Last date and time of submission of Tender	Time and date of opening of Tender
58	Purchase of 1200mm Ceiling Fan	280000	5600	525	Up to 3.00 PM on 30.09.2013	At 3.30 PM on 30.09.2013
59	Purchase of 450mm Wall type air circulator	650000	13000	525	Up to 3.00 PM on 30.09.2013	At 3.30 PM on 30.09.2013

The tender should accompany, Earnest Money Deposit and Tender cost as detailed above through two different Demand Drafts payable at Tiruchirappalli ,Drawn in favor of **The Director, National Institute of Technology, Trichy-15**. This earnest money will be refunded to the unsuccessful tenderer or rejection of the tender or at the expiry of two months from date of tender, whichever is earlier. The earnest money will be retained in the case of the successful tenderer and will not carry any interest. Tender must be submitted in sealed covers and should be addressed to The Director, National Institute of Technology, Trichirappalli-15 and the name of the tenderer, name of the work and Ref .No. being noted on the cover. The rates should be quoted inclusive of all taxes and duties.

The tender details and schedule of tender can be down loaded from the institute's web site [www.nitt.edu](http://www.nitt.edu) and also be seen in the Notice board of office of the **Chief of woks**, Estate Maintenance Dept, NIT, Trichy-15 during office hours on any working days.

**The copies of the following documents shall be enclosed with the tender.**

- Income Tax permanent Account No. [Submit photo – copy of proof].
- VAT No. [Submit photo – copy of proof]
- Any other information, useful for the purpose of finalizing the offer.

sd  
Chief of Works.

Copy to convener/CSG/for advertising in web.

<b>Make</b>	<b>CROMPTON / ORIENT / POLAR</b>	
TECHNICAL SPECIFICATIONS FOR 1200mm CEILING FAN		
1	Blade sweep	1200MM (48 inch)
2	Fan motor	A.C permanent capacitor single phase induction motor
3	Capacitor rating	2.25 mfd, 440 Volt, 50Hz AC
4	Rated voltage	220/240 Volts, 50Hz AC
5	Test voltage	230 Volts, 50Hz single phase AC
6	Rated frequency	50Hz
7	Rated power input	72watts
8	Rated current	0.32A
9	Rated power factor	0.9 lagging(min)
10	Rated speed	380RPM
11	Rated air delivery	230 Cu. M per min
12	No. of blades	Three
13	Type of blade leaf	1.05mm thick aluminum sheet
14	Type of regulator	Resistance type
15	No. of running positions	5+ off positions
16	Type of switch	Rotor type
17	Speed regulation	Min.50% of full speed (approximately)
18	Class of motor insulation	Class"E"
19	No of bearings	Two ball bearings,top-6202,bottom-6201
20	Motor winding temp rise	Shall not exceed 75°C over an ambient of 40°C by resistance method at 245 volts
21	Insulation resistance	shall not be less than Two Mega Ohms (2MΩ)
22	High voltage test	Shall withstand 1.5kV,50Hz AC
23	Leakage Current	shall not exceed 210 Micro Amp
24	Type of down rod	Length-260mm, ID-15mm, OD-19MM MS split shackle clips
25	Type of top / Shackle cover	Moulded Polypropylene
26	Finish	Stove enamel paint / powder coated top & bottom meeting face

Make	CROMPTON / ORIENT / POLAR	
TECHNICAL SPECIFICATIONS FOR AIR CIRCULATOR 450mm WALL TYPE		
1	Blade sweep	450 mm
2	Fan motor	Permanent capacitor single phase induction motor
3	Capacitor rating	2.5mfd 440Volts, 50Hz
4	Rated voltage	230 Volts, 50 Hz,AC
5	voltage Range	220-240 Volts, 50 Hz, AC
6	frequency	50Hz
7	Rated power input	100 Watts
8	current in Amps	0.45 Amps
9	power factor	0.9 Lag
10	Rated speed	1400 RPM
11	Peak air velocity	250 m/min
12	Rated air delivery	7500 M <sup>3</sup> /hr
13	Rated of service value	`75 M <sup>3</sup> /hr/Watt
14	No. of blades	Three
15	Class of insulation	Class"B"
16	No. of bearings	2 nos-6202
17	Temperature rise	Shall not exceed 75°C over an ambient of 40°C by resistance method.
18	High voltage	Shall withstand 1.5kV,50Hz AC between current carrying and non current carrying metal parts without any flash over for one minutes.
19	Impeller	Aluminum die cast with 3 no. of blades
20	Mounting	Oscillating type with osc. Rate of 4 per min &90° angle
21	Flash test	Subjected to 1.5kV for 1 sec
22	Earth continuity	Resistance should not exceed 0.1 ohm between earthing terminal and any exposed metal part
23	Leakage Current	Should not exceed 210 micro-amp(rms)
24	Insulation resistance	Not less than 2 Mega ohm when tested with 500V DC
25	Noise level	64 dB for 1 minute
26	Cable	3 core PVC insulated heavy duty cable

**NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI-620015****SCHEDULE OF QUANTITIES****NAME OF THE VENDOR :****NAME OF WORK :** Purchase of Ceiling fan and Wall Mounted fans.

SL.NO	ENQ NO	DESCRIPTION	QTY	UNIT	RATE	VAT	WARRANTY PERIOD	TOTAL AMOUNT	AMOUNT IN WORDS
1	58	1200MM CEILING FAN	200	Nos					
<b>Make</b>									
2	59	450MM WALL TYPE AIR CIRCULATOR	126	Nos					
<b>Make</b>									
Total Amount									

Vendor Signature