

**National Institute of Science Education and Research, Bhubaneswar**

**Center for Interdisciplinary Sciences (CIS)**

**Technical Evaluation of E-Tender No. : NC-000441-12-R&D-NIS-5.10-0100-17-18**

**DEHUMIDIFIER**

With reference to the E-Tender No. NC-000441-12-R&D-NIS-5.10-0100-17-18 for the procurement of Dehumidifier, following two parties participated in the tendering process.

1. KAF International
2. Climatronics Technologies Pvt Ltd

DEHUMIDIFIER			
SL. No.	ITEM SPECIFICATION	VENDOR NAME	
		KAF International Model- Ind 600 Make- Indurre	Climatronics Technologies Pvt Ltd Model- AD 580 Made in Germany
1.	The Dehumidifier should keep the room <50% RH for coverage area of nearly 4000 cu. ft.	60 liters/Day (at 30C, 80% RH) Humidity Setting- 20-95% Coverage: More than 5000 cu ft	78 liters/Day (at 30C, 80% RH) Coverage-8500 cu. ft.
2.	Air circulation rate: 500-625 (m <sup>3</sup> /h)	Provided 630 (m <sup>3</sup> /h)	Provided Speed 1/2 = 600/800 (m <sup>3</sup> /h)
3.	Working temperature range – 5°C – 32°C	Provided 5°C-38°C	Provided 5°C-34°C
4.	Noise level – less than 55 dB	Provided (< 49 dB)	<b>Deviation: 65 dB</b>
5.	Power supply – 230V / 50HZ	Provided	Provided
6.	Condensate drainage – through pipe	Accepted	Accepted
7.	Timer – required	Accepted	<b>Deviation : "Timer is optional equipment and not essential for operation of dehumidifier-hence not included"</b>
8.	Includes all necessary items like pipes, stand, electrical cable, MCB etc	Accepted	Accepted
9.	03 years free comprehensive warranty	Accepted	Accepted

*S. Reddy*

*P. Srinivas*

From the technical evaluation it is recommended:

- KAF International: **Qualified**
- Climatronics Technologies Pvt Ltd: **Disqualified**

  
02/08/2019

Indenting Officer (Dr. Subhankar Bedanta)



Chief Coordinator, CIS (Dr. Ramanujam Srinivisan)