

## TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

Sl. No.	Description of items	Quantity
PUR/32/ERT/PK/E/2021-2022		
1	Supply of Centrifugal Air Blower (Detailed specification as per Annexure-I)	04 Nos.

### 1. INSTALLATION, COMMISSIONING AND TRAINING

1.1. Not Required

### 2. WARRANTY

2.1. 24 Months from the date of delivery and acceptance of the material.

### 3. NOTE:

3.1. Manufacturer's Authorization Form in prescribed format must be furnished by non-OEM Bidder.

### 4. DELIVERY SITE:

4.1. Dept. of Mechanical Engineering, Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore, Tamil Nadu 641114.

**Specification of Centrifugal Blower**

**Specification:**

**1. Centrifugal Air Blower**

Motor: 3 hp, 3phase, 415V, 50Hz, 2900 RPM (Preferred Make: Crompton/ ABB/ Havells/ Siemens/ BBL etc)

Direct Coupling/Vee Belt Drive arrangement (Enclosure of the belt)

Capacity: 500 m<sup>3</sup>/h

Static Pressure: 500 mm water column

Temperature at Blower Inlet: 40°C

Fan Speed: 2900 RPM

Balancing: Dynamic as per ISO 1940 G-3

Suction Duct with protection nets

Delivery Duct: Dia. 150 mm

Accessories: Outlet silencer

Noise Level: <75 dB

**Quantity:** 4 Nos.

**N.B.**

1. Mention Model No, Make and Specification of Equipment specifically or else bid shall be rejected
2. Don't copy paste the tendered specification or else bid shall be rejected
3. Provide necessary photographs or drawing (whenever applicable) along with the technical bid

**Place of Delivery:**

**Address:** Dept. of Mechanical Engineering, Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore, Tamil Nadu 641114.

**Unloading of Material at Delivery Site:** In Scope of Supplier

**Warranty:** 24 months

*Praveen Das*  
*08/04/2021*