

TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

SI No.	Description of items	Quantity
PUR/43/ERT/AP/E/2021-22		
01.	SUPPLY OF HOT AIR GENERATOR (Details specifications are as per below ANNEXURE-I)	01 No.

1. PLACE OF DELIVERY

The ordered goods are to be delivered within 90 days of receipt of Purchase Order at Department of Mechanical Engineering, Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore, Tamil Nadu-641114.

2. WARRANTY

Warranty 24 months will be provided by the supplier from the date of delivery of ordered goods.

3. Unloading of Material at Delivery site: In scope of Supplier

Annexure-I

Description	Specification
Item	: Hot Air Generator
Type	: Rectangular Duct Type
Air Volume	: 50-60 m ³ /hr
Pressure of Generated Hot Air	: 25-40 mm WC
Room Temperature	: 30-35 degree C
Temperature of Hot Air	: 50-55 degree C
Blower	: Centrifugal Air Blower Motor: 2 hp, 3phase, 415V, 50Hz, 1440 RPM (Preferred) Make: Crompton/ ABB/ Havells/ Siemens/ BBL etc) Direct Coupling Capacity: 50-60 m ³ /h Static Pressure: 50 mm water column Balancing: Dynamic as per ISO 1940 G-3 Suction Duct with protection nets Delivery Duct: Dia. 100 mm Accessories: Outlet silencer Noise Level: <75 dB
No. of Blower	: 2 Nos
Heating Coil	: 6 kW (Plate type or Coil Type)
Delivery of Hot Air	: Duct dimension- 200 mm ×200mm; + 1500mm GL over a horizontal belt conveyor of length 4.0m equi-spaced at 1.0 m along the length.
Insulation	: Glass wool, thickness 50.0mm
Temperature Control	: PID Controller & RTD along with dilution air supply
Temperature Display	: Digital Temperature Display
Painting	: Red
MOC	: MS (IS-2062)

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:

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

Subho Samanta

8.4.2021.