

TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

PUR/50/ERT/TB/E/2021-22		
Sl No.	Description of items	Quantity
1.	<u>SUPPLY OF:</u> 1. Magnetic Separator Details as per annexure- I	01 Nos.

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. Performance Security:

03 % of Invoice Value/Contract value is to be furnished by the supplier within 21(twenty-one) days from the date of Purchase order and it should remain valid for a period of 60 (sixty) days beyond the date of warranty period

3. WARRANTY

Warranty 24 months will be provided by the supplier. Warranty to be effective from the date of final acceptance of the items/equipment at the User's laboratory/Institute/site.

4. Unloading of material at delivery site

In scope of supplier.

6. Bid Security Declaration:

A Bid Security Declaration shall be mandatorily furnished by the Bidder in the format prescribed in the Tender document. Any offer received without the Bid-Security Declaration shall be liable to be rejected.

Specification

Sl	Description	Specification
1	Equipment	Over band Magnetic Separator
2	Magnet Type	Permanent (Ferrite), Grade : Y35, High Intensity High Gradient High Power Rare Earth Magnet
3	Magnet Housing	Mild Steel
4	Bottom Plate	Stainless Steel (SS 304)
5	Operating Height	200 mm (maximum)
6	Magnet Size	1000 (L) × 600(W) × 200 (H) mm (min)
7	Max. weight of iron to be separated	0.500 Kg
8	Magnetic gauss power	6000 Gauss (min)
9	Type Of Separator Belt	4 Ply Nylon, 8 mm thickness
10	Motor & Gear Box	Motor: 1 hp, 3 phase, 415V (Preferred Make: Crompton/ABB/Havells/Siemens/BBL etc); Gear Box: (Preferred Make: PBL/Elecon/Standard etc.) Bearing: (Preferred Make: SKF/NTN etc)
11	Over-band Structure	ISMC 100 & ISA50, IS-2062
12	Hanging Set-Up	D-Shackle , Chain 3.0 mtr, Turn Buckle
13	Holding Structural Frame	ISMC 150 & ISA50, IS-2062 Bottom of Conveyor at +2000mm from GL

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

Partha Das
08/04/2021