

TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENT

| Sl No. | Description of items | Quantity |
|----------------------------|---|----------|
| PUR/388/NETDG/PK/E/2019-20 | | |
| 1 | WASTE PLASTIC WASHING MACHINE – CAPACITY : 50 kg/hr. | 1 |
| 2 | WASTE PLASTIC DRYING MACHINE – CAPACITY : 50 kg/hr. | 1 |
| 3 | WASTE PLASTIC GRINDER – CAPACITY : 100 kg/hr. | 1 |

1. INSTALLATION, COMMISSIONING AND TRAINING

- 1.1. The ordered goods are required to be installed within 15 days of receipt of goods at final destination. Installation should be carried out only by expert engineers of Supplier / Manufacturer. During the course of installation, necessary training on operation and maintenance of the goods shall be imparted to Institute's, Scientist / Engineers/Technicians.

2. WARRANTY

- 2.1. Comprehensive on-site warranty for a period of one year must be provided to be effective from the date of completion of installation and commissioning and final acceptance of the items / equipment at the user's laboratory / Institute.

Technical Specification

Annexure-I

1. Waste Plastic Washing Machine

Quantity: 1 Nos.
Capacity: 50 kg/hr
Drum: Dia: 800 mm (Min)
Height: 900 mm (Min)
Shape: Conical/Cylindrical
Vertical drum
Thickness of sheet: 3.00 mm (Min)
MOC: AISI 304
Motor: 5hp, 3ph, 1440 rpm, 50 Hz with DOL Starter
Preferred Make- Crompton Greeves, ABB, Havells etc.
Gearbox: Greeves, Standard etc.
Pump: Centrifugal pump, 2000 lit/hr, head 20.0m, Gate valve of required dimension
Structure: MS Angle (50mm×50mm×6mm)
MS Channel (100mm×100mm×6mm & 150mm×150mm×6mm)
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2. Waste Plastic Drying Machine

Quantity: 1 Nos.
Capacity: 50 kg/hr
Drum: Dia: 400 mm (Min)
Height: 400 mm (Min)
Shape: Conical/Cylindrical
Vertical drum
Thickness of sheet: 3.00 mm (Min)
MOC: AISI 304
Motor: 1hp, 3ph, 1440 rpm, 50 Hz with Single Phase DOL Starter
Preferred Make- Crompton Greeves, ABB, Havells
Gearbox: Greeves, Standard etc.
Structure: MS Angle (50mm×50mm×6mm)
MS Channel (100mm×100mm×6mm & 150mm×150mm×6mm)
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3. Waste Plastic Grinder

Quantity: 1 Nos.
Capacity: 100 kg/hr
Dimension: Dia: 500 mm (Min)
Blade: 9 inch (Min)
Motor: 10hp, 3ph, 50 Hz with DOL Starter
Preferred Make- Crompton Greeves, ABB, Havells etc.
Gearbox: Greeves, Standard etc.
Structure: MS Angle (50mm×50mm×6mm)
MS Channel (100mm×100mm×6mm & 150mm×150mm×6mm)
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