

TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

Sl No.	Description of items	Quantity
PUR/98/ERT/AP/E/2020-21		
1.	Supply & Installation of Organic Waste Grinder (Details are as per below ANNEXURE-I)	04 Nos.

1. QUALIFICATION CRITERION

- 1.1 OEM must be an ISO 9001:2015 certified organization. A copy of the ISO certificate to be enclosed with the bid. Bidders (OEM or their authorized agents) shall be disqualified in case they fail to furnish the relevant ISO certificate.

2. INSTALLATION/COMMISSIONING

- 2.1 The ordered goods are to be installed within 15 days of receipt of goods at Communication & Capacity Development Unit (CCDU), Public Health Engineering Department (PHED), Govt. of Manipur, Lamphelpat, Imphal West (Opposite to CBI Office), Pin-795004. Installation should be carried out only by expert engineer of Supplier/Manufacturer without extra cost. During the course of Installation, necessary training on operation and maintenance of the goods shall be imparted to relevant Scientist/Engineers/Technicians.

3. WARRANTY

- 3.1 Comprehensive on-site warranty for a period of one year must be provided to be effective from the date of successfully installation, Commissioning and Training and final acceptance of the items/equipment at the User's laboratory/Institute.

4. PERFORMANCE SECURITY

- 4.1 10 % of the Invoice Value.

5. GST CONCESSIONAL CERTIFICATE

- 5.1 GST Concessional certificate would not be issued by this Institute.

Specification

Biomass Grinder

Feed Stock: Organic Waste

Capacity: 50 kg/h

Quantity: 4 Nos.

Overall Dimension:

Height: 1200 mm from GL

Base Area: 1200 mm × 500 mm

Drum: Top Dia.: 600 mm
Bottom Dia.: 450 mm
Height: 400 mm
Shape: Conical
Thickness of sheet: 3.15 mm
MOC: AISI 304

Shaft: Dia.: 30.0 mm
Length: 400 mm
MOC: AISI 304

Blade: No of main blade: 4 Nos.
No of secondary blade: 2 Nos.
Thickness: 8 mm
MOC: AISI 304

Outlet: Opening 200 mm × 200 mm with rubber gasket for water sealing
MOC: AISI 304

Motor: 3 hp, 1 ph, 1440 rpm, 50 Hz with Single Phase DOL Starter

Structure: MS Angle (50 mm × 50 mm × 6 mm)
MS Channel (100 mm × 100 mm × 6 mm & 150 mm × 150 mm × 6 mm)
IS2062

 28/7/2020