

## TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

SI No.	Description of items	Quantity
PUR/96/ERT/AP/E/2020-21		
1.	Supply & Installation of Biomass Shredder (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

1) Biomass Shredder – 04 Nos

Specifications for each unit:

Capacity: 100-150 kg/h

Input material: Agro waste (dry leaves, dead branches, paddy straw, dry grass etc.) with maximum dia. 2 inch

Motor: 10 hp, 3 $\Phi$ , 50 Hz, AC with DOL starter

Drum diameter (minimum): 400 mm

Working width (minimum): 500 mm

Shredding size: < 5 mm

Blades: 6 – 8 for each unit

MOC: Mild Steel (IS2062)

Motor: ABB, Crompton Greaves, BBL etc.

2 sets of spare blades to be provided with each unit.

*Handwritten signature and date:*  
09/08/2020