

# TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENT

SI No.	Description of items	Quantity
PUR/516/NET/MP/E/2019-20/B		
1	SUPPLY AND INSTALLATION OF HAMMER MILL WITH CYCLONE SEPARATOR AND DUST COLLECTOR	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. [ training for 4 persons for 3 days including trial run ]

## 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.

## Annexure-I

**Supply, Installation, Testing, Commissioning and Trial run of (a) Rotary drum washer, (b) Hammer mill with cyclone separator & dust collector at Mizoram Food Processing Industry (MIFPROY), A/97, Hmar Veng, Sihphir Venghlun, Aizawl, Mizoram – 796036**

### **1 End user:**

The post-harvest processing machineries as mentioned in (a) & (b) will be installed at Mizoram Food Processing Industry (MIFPROY), A/97, Hmar Veng, Sihphir Venghlun, Aizawl, Mizoram – 796036. The farmers of Mizoram will be utilizing the facility for post-harvest processing of ginger, turmeric etc. The operation and maintenance of the equipment items will be done by Mizoram Food Processing Industry (MIFPROY). This is in-line with the deliverable proposed in the DST funded project on “Socio-economic upliftment of rural tribal people of the state of Mizoram through appropriate science and technology interventions - A CSIR-CMERI initiative”.

### **2 Detailed specification:**

~~1~~ Hammer mill with cyclone separator & dust collector

Capacity: 50 kg/h

Contact part in SS 304 & provided with inbuilt electric operated appropriate capacity prime mover of standard make

Type: Air swept impact mill with whizzer classifier operation in closed circuit

Body: Solid cast iron, machined and aligned on strong cast iron base, with top covers bolted together for easy opening and cleaning or for inspection

Feeder: Automatic rotary feeder, MOC SS 304, gear driven from the main shaft with feed control mechanism

Crushing chamber: Lined with renewable solid SS 304 breaker plates

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**3.** The supplier shall be required to perform the following services:

- a) Installation & Commissioning, Supervision and Demonstration of the goods;
- b) Providing required jigs and tools for assembly required for the completion of the installation;
- c) Cabling from main panel to all instruments and devices;
- d) Onsite training to Scientists/ Technicians/ Staff is to be provided by Supplier for operation and maintenance of the equipment to the complete satisfaction of the user department;
- e) All safety requirements are to be incorporated.

**4 Inspection and Acceptance Tests required:**

Trial run and full load test will be conducted for 3 days to the complete satisfaction of the end user in the presence of Scientists/Technical Officers from CSIR-CMERI.

**5 Minimum Pre-Qualification Criteria:**

None

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