

TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

NAME OF THE ITEM	QUANTITY
Powder Packaging machine	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 **one year** must be provided to be effective from the date of completion of installation and commissioning and/or final acceptance of the items / equipment at the final destination

Annexure-I

Supply, Installation, Testing, Commissioning and Trial run of Powder Packaging Machine for ginger/turmeric/chilly at Mizoram Food Processing Industry (MIFPROY), A/97, Hmar Veng, Sihphir Venghlun, Aizawl, Mizoram – 796036

1 Detailed specification:

a) Powder Packaging Machine for ginger/turmeric/chilly

System: Mechanically Operated Automatic Form Fill & Seal Machine

Batch coding device: Pneumatic type

Packing size: 250 g – 500 g

Sealing Type: Central Seal

Fill Speed: 30 to 40 pouches per min (depending on product)

Fill accuracy: ± 2 gm

Product: Powder

Operating system: PLC, Make - Standard

Packing material: Any Heat Sealable Laminated Film

Filling system: Cup filler

Photocell: Digital Eye mark controlling unit for accurate pouch length

Temperature controller: Automatic digital

Seal Type: Center seal

Motor: 0.5 hp, 230 V AC, Single phase

MOC: All parts coming into contact with the product AISI 304 Stainless steel and other mild steel duly painted

Air Compressor: 2 HP

Automatic Screw Feeder of capacity 100 kg/h for automatic maintain level of material on machine hopper.

2 Scope of supply & incidental services:

a) Powder Packaging Machine for ginger/turmeric/chilly

Detailed specification as Provided in Section 1 above.

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.

Annexure-I

3 Inspection and Acceptance Tests required:

Trial run and full load test will be conducted for 5 days to the complete satisfaction of the end user in the presence of Scientists/Technical Officers from CSIR-CMERI.

4 Minimum Pre-Qualification Criteria:

None

Subho Samanta