

# **Specification of Bagging Unit**

**Title/Type:** Complete Portable Compact Bagging Unit with Hopper, Packer Scale, Sewing m/c along with controlling device and outlet adjustable loft conveyor belt-ready for operation.

**Nos: 3 Units.** Total Capacity:  $3 \times 1000 = 3000\text{MT/day}$  in bag.

**Application:** The Bagging unit shall be deployed to receive bulk urea from carrier ship to hopper of bagging unit and deliver the urea in 50 KG bags after automatic weighing and sewing to transfer belt for onward transmission.

**Capacity:** Bagging of 1000MT/day per unit of bulk Urea at 50Kg/Bag.

**Hopper:** Of capacity 5 M3, Hopper Container must have flodable walls, stainless steel plating inside, gratings on top sieve lumps, operations platforms and lockable store room. Winch frame with electric operated winches for height adjustment with buyers conveyors.

**Platform:** Rotating platforms enabling buyer's conveyor load to rotate 60 degree.

**Operator Room:** Equipped with 2 lines. Each with high speed electronic double weigher system, stainless steel conveyors, adjustable stainless steel roof mounted stitching column and various operator panels.

**Control Room:** Separate control room housing generator, compressor, air drying unit and pneumatic weigher control. Work bench and draws can be included.

**Packer Scale:** Capacity to deliver 50 Kg/drop and accuracy should not be exceeded +/- 0.1%. Number of drops: Minimum 25/minute & the scale must have weight adjustable facility.

**Sewing Capacity:** Minimum 25 bags/minute.

**Sewing Machine:** Union Special, Type 80800C or Equivalent.

**Power:** 440/220 volt power source available at jetty site.

**Space:** 100' x 10' area available at jetty site.

**Training:** The supplier shall impart training to working personnel for 2 weeks at site.

**Documents:** The supplier shall have to supply 3 copies of operational & maintenance manual in English version.

## **Special Clause:**

1. The supplier must be capable to install, commissioning the units by bagging minimum 20(Twenty) bags per minute & to train the buyer's operators accordingly.
2. The supplier must render after sale service activity for the supplied units for successful unloading of bulk Urea from 3(Three) Nos. of ocean going ship minimum.