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**REVISED TECHNICAL SPECIFICATIONS FOR COLD STORAGE – 02 No.s**

**Number of units: Two (side by side with connecting door)**

**Unit one**

- Dimension (outer): 17X28X9 (Feet)
- Room must be maintained at 15 deg C - Automatic controller with RH 35-40% with recorder
- Cold-resistant high performance LED lights
- Racks made of noncorrosive material, with labelling slots constructed out of mild steel powder coated with 6 shelves with 4 x 2.6 x 7 (feet) suitable to carry load of at least 500 kg per rack ; Number of racks :20
- Lamination (For Wall & Ceiling): 0.5 mm, Inside/Outside
- Insulation: Pre-Fab Modular PUF Panels with Cam Lock arrangement made with Cyclopentane based Blowing agent
- Thickness of Insulation: 60 mm
- Door Size & Type: 60 mm thick insulated door with 0.5mm PP/PP lamination on both sides Size : 1.2 m X 2 m, with tight locking system; Make : Reputed make
- Product to be stored/Application: Seed
- No. of People considered: 6 Nos. Occupancy for 8 Hrs a day,2 Door Openings per hour with 1 minute duration of each opening
- Refrigeration units & Models: From Reputed brands 2 Nos.
- Refrigeration Capacity: 20000 BTU/Hr.@ 16-18 Deg C Room temp. & 35 Deg C ambient. Refrigerant R404a/R22 with SS Evaporator casing and with suitable Evaporator and Condenser from reputed brands.
- Room to be fixed with suitable number of dehumidifier of reputed make considering full load to maintain Relative Humidity (RH) less than 40%
- Digital Temperature indicator controller
- Internal – Lighting
- One year warranty

**Unit Two**

- Dimension (outer): 17X28X9 (Feet)

- Room must be maintained at 15 deg C - Automatic controller with RH 35-40% with recorder
- Cold-resistant high performance LED lights
- Racks made of noncorrosive material, with labelling slots constructed out of mild steel powder coated with 6 shelves with 4 x 2.6 x 7 (feet) suitable to carry load of at least 500 kg per rack ; Number of racks :20
- Lamination (For Wall & Ceiling): 0.5 mm, Inside/Outside
- Insulation: Pre-Fab Modular PUF Panels with Cam Lock arrangement made with Cyclopentane based Blowing agent
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Sd/-

**ASSTT. ADMINISTRATIVE OFFICER (SP)**