Specifications Required For Cold Room/Chamber

Technical Details For Fruits (Kiwi, Apple, Orange)

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| 10 Supply and installation of pressue relief valve suitbale of room. | 9 Suitable Carbondioxide and fresh Air damper (GI or stainless steel made) 2 inline blower 150 CB | Supply and installation of energy effices single phase 70-90 watt ,capacity of a Air flow 165m3/hr water level Auto of machine and able to fix the outside in | D Indoor Assoceries | 7 Supply and installation of vapour proof lights about 2 no. in a chamber. Power Supply: 1 or 3 phase | Refregeration control pannel microprocessor based temperature indicator and Automatic temperature controller, temperature setting updown limit control, User parameter and Adminstration No. ann setting Automatic and manual control fuction, intelligent compressor protection. | Supply and installation of refrogeration system with necessary hardware and accessories. Compressor fan motor shall be suitable for single? phase AC supply (minimum 1400 RPM). | Supply and installation of Indoor Evaporator unit (Blue cold/cariet/Euro Air) pure copper tubings thermostratic expansion valve of Make Danfoss/Emerson Almunium powder coated body with stainless steel SS 304 tray, energy efficient multiple propellor type Axial FAN 2 no. per unit all necessary accessories as per site incharge | Outdoor Unit: Supply and installation of reciprocating scroll/ rotary type compressure of make Emerson/ Danfoss eq. make working refrigerent R410a, R134a, or equivalent (CFC free) having minimum cooling capacity 2.93 KW or, 24000 Btu/hr (at 4 °C evaporation and condentation at 45 °C). Forced Air cooled condenser with fan, Copper tubings embided with Alminium fins GI body powder conted painted, Oil seperator, liquid reciever, solenoid valve, Filter dryer sight glass etc all complete necessary accessories as per site incharge | B Refrigeration system | Supply and complete installation of sliding/swing thermally sealed Door of about 1*2 m size and thickness 80mm with handles, kick plate, safety release knob and all its necessary hardware and accessories | Supply and complete installation of outer wall puff panal of about 80 mm thickness, 46 to 0.5 mm PCGI/PPGI sheet insulation by 40±2 kg/m3 thermocol/PUF with tongue and ceiling, Floor) using silicon sealcant etc. The room should be made air tight as possible. | N Description of Yyorks Required specification About 10*10*8 feet (L*B*11) |
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| 15 Transportaion cost | 14 Testing of machine before handover | 13 Warrantee on machine parts | 12 Plastic Crate | Electrical control pannel on off swich with power socket, wire holder, voltage stablize no. of minimum 16-amp MCB (single/doutleaning grading area. Self srew, silicon gu of material with other required accessories |
| up to site/ NAMP (Okhaldhunga and Solukhumbu) | testing, commissioning and handover of Cold room/chamber must be done in presence of office representative | At least one year warrantee. (The supplier shall provide atleast the first two service after the goods has been delivered) | High quality plastic crate having size not less than 50 cm length, 30 cm width and 20cm height with minimum No. thickness 2mm and weight about 1.5 kg. | Electrical Control pannel on off swich with indicators, contactor, phase indicator with preventor, wires, power socket, wire holder, voltage stablizer, MCB, protective overload relay fuse etc complete, about 3 no. of minimum 16-amp MCB (single/double) pole, for external equipments lights, motors, fan etc in cleaning grading area. Self srew, silicon gum, threaded nuts, rods of required size for strong fabrication of material with other required accessories |
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