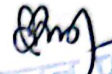


सूचना नं १५:- कोल्ड रुम निर्माण ।

S.N.	Descriptions	Specifications	Unit	Offered Rate	Remarks
1	Insulation materials	Supply and complete installation of outer wall puff panel 80 mm thickness 0.5 mm PPGI sheet insulated by 40±2 kg/m ³ Polyurethane Foam with tongue and groove joint with camlock system including heat resistance insulation using silicon sealant etc complete	Sq.mtr.		For wall and ceiling
		Supply and Complete installation of 80mm thick PUF Slab for Floor PUF density 40±2 Kg/m ³ including 2mm Tarfelt Waterproofing Carpet	Sq.mtr		Only for floor
		Supply and complete installation of door 80MM thickness thermally sealed flush type swing door with heavy duty hinges and handles with door closer for push type gasket. Aluminum Checker Kick plate on both Side of of door and saftey release knob placed at inner side for safety precaution with door opening side as per requiriment Door Opening at least 3 ft *7 ft	Number		
2	Refrigeration works	Supply and installation of reciprocating/ scroll type compressor of make emerson/ danfoss eq. make working refrigerant R410a, R134a or equivalent having cooling capacity (18000 to 24000) Btu/hr (at 4 degree celsius evaporation and condensation at 45 degree celsius) forced air cooled condenser with fan, copper tubings embeded with aluminium fins GI body powder coated painted, oil separator, liquid receiver, solenoid valve, filter dryer sight glass, e.t.c. all complete necessary accessories as per site incharge.			
		Supply and installation of indoor evaporator unit (blue cold/carier/euro air) pure copper tubings thermostatic expansion valve of make danfoss/ emerson aluminium powder coated body with stainless steel SS 304 tray, energy efficient multiple propellor type axial fan 3 no per unit all necessary accessories as per site incharge			
		Installation of refrigeration system with necessary hardwares and accessories			
		Refrigeration control pannel microprocessor-based temperature indicator and automatic temperature controller, temperature setting up/down limit control, user parameter and administration menu setting up/down limit control, user parameter and administration menu setting automatic and manual control function, intelligent compressor protection			
		Supply and wiring or installation of vapour proof lights (IP65 rating) 2 no in each chamber with switch system			


 राजल परियार
 वरिष्ठ कृषि अधिकृत

3	Indoor Accessories	Supply and installation of humidifier (ultrasonic type), centrifugal, mist size 5-10 micron, single phase 70-90 watt capacity 5-6 ltr/hr dimensions 350*350*360 mm weight 8 kg air flow 165 m3/hr, water level auto control, controller display unit of machine shall be separate to machine and able to fix the outside in room.			
		Carbondioxide and fresh air damper 2 inline blower 150 CB			
4	Electricals	Electrical control panel on off switch with indicators, contactor, phase indicator with preventor, MCB, protective overload relay fuse etc complete, 3 no 15 amp MCB (single phase) for external equipments, lights, motors, fan etc in cleaning grading area			
5	Installation Charges				
6	Transportation Charges to the site				