**Scope of work for replacement of chiller and freezer units at cafeteria of international campus**

* To submit the work schedule for the entire project
* To remove the existing cooling units both indoor &outdoor from Freezer and chiller rooms of Cafeteria, including all electrical wiring and conduit system.
* Removal of existing canopy from the roof of cafeteria that covers the outdoor units of cooler and freezer room.
* To provide new cooling units package for chiller and freezer room in the cafeteria as per the specification & capacity required by AUAF
* To install new cooling units as per standard procedures and witness by AUAF technical staff
* To submit AUAF the complete technical specification of proposed cooling units with control panel to supply along with product data sheet
* Upon approval of the proposed product contractor will order and deliver the required product within 30days
* To do all necessary prep works brackets, stands prior to the arrival of the new cooling units
* To provide new wiring and cabling for the units
* To provide proper roof penetration in order to avoid water leaks from the roof
* To provide separate or independent complete control panel System, PLC type, each cold room for chiller and freezer.
* To provide digital visible room temperature metering system, each cold room, unintegrated from chiller and freezer control system.
* To improve cold rooms’ internal lighting system.
* To keep working area clean on daily basis
* To test and commission newly installed cooling units and control panel
* To submit the weekly progress report
* To provide one year preventive maintenance fast-moving spare parts
* To provide complete contact information list of Suppliers of Cold Rooms and control Panel major and maintenance replacement maintenance spare parts (such as compressor, evaporator & condenser motors expansion & solenoid valves etc. for cold rooms. PLC, control screen display and electronic component etc. for Control panel)
* To provide one year warranty for the installed equipment