



Dr. Jonaki Sen

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REF – BSBE/JS/NC/2011/01

Request for submission of quotation for -80° Ultra Low Temperature Deep freezer

Please send a quotation in triplicate, in a sealed envelope, to the undersigned for the supply of the following:

-80° Ultra Low Temperature Deep freezer:

- * TYPE: **Upright**
- * INTERNAL DIMENSION : **1265H x 765W x 575D (mm)**
- * EXTERNAL DIMENSION : **1940H x 1025W x 852D (mm)**
- * CAPACITY : **570 Liters**
- * OPERATING TEMPERATURE : **-50°C TO -86°C with 1°C increment.**
- * POWER CONSUMPTION : **565W/H**
- * ELECTRIC SUPPLY: **220V/50Hz, 13 Amps. single phase**
- * Fully programmable microprocessor controlled with membrane keypad and eye level control panel.
- * System should have 304L grade stainless steel interior and tough, powder coated exterior finish constructed on steel gauge of 18g ZINTEC 1.2 min.
- * Should have five insulated doors giving access to shelves which should be adjustable in 13mm steps, must come with 4 adjustable shelves and make the floor cabinet total five inner storage compartments.
- * Should have heated air vent and front panel air filter.
- * Heavy duty lockable castors and lockable outer doors and lids.
- * Must have battery back-up and 4 PIN security lock for unauthorized tempering.
- * Must have RS 232 interface data logging port and it must also have on board SMART diagnostic software.
- * Audible and visible alarms for temperature, power failure, system failure, battery low etc. and it also have remote alarm port for connection to and auto dialler.
- * Must use CFC-FREE, HCFC-FREE non flammable refrigerants, and refrigeration system must be energy efficient and hermetically sealed cascade refrigeration system. Compressor should be capable to run any voltage between 190 – 270V. Freezer must have ISO 9000 safety requirements and IEC 61010 Electrical safety CE certified.
- * Must have washable condenser filter indication which should keep fins free of dust to maintain peak cooling efficiency.

Warranty: 3 years

Look forward to your best offer for a model that meets the above

Sincerely,

Dr. Jonaki Sen
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