INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

Ref. No.1000058398 Rfq. No. 3600003135

Item Description: Technical Specifications for 250L Liquid Helium Dewar

Sr. No	Item Description	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1.	**250L Liquid Helium Dewar**	**Cryofab Model CMSH-250-Lock-DPLL:** All Stainless Steel, Super-Insulated, Non-Magnetic (For NMR Application) **Liquid Helium Dewar, Two Locking Caster** (Wing Type**), Other Two Casters without lock,** Mounted on Square Base with Long-H-Pull Handle, Differential Pressure Liquid Level Gauge**,** Flow Meter**,** Pair of Lifting Lugs, Access Port with Ball Valve Isolated 3/4" to 3/8" quick coupling flange mounted, Skid Packing. Nominal Evaporation rate: 2% in 24 hours **CMSH-250-Lock-DPLL:** Capacity 250 Liters Quantity: 1 No. **Required Spares for LHe Dewar Model CMSH-250** 1) Pump out Operator w/KF: For evacuation of annular space, Qty: 1No. 2) 3/8" Quick Coupling Complete, Qty: 5No. 3) 3/8" O-ring for Quick Coupling, Qty: 5 No. 4) ½" Quick Coupling Complete, Qty: 5 No. 5) ½" O-ring for Quick Coupling, Qty: 5 No. 6) 5/8" O-ring for Quick Coupling, Qty 2 No. 7) ¾" O-ring for Quick Coupling, Qty: 2 No. 8) Compound Pressure Gauge, Qty: 1 No.		

		9) Rupture Disc, Qty: 3 No. 10) Relief Valve ¼" NPT, 0.5 psi, Qty:2 No. 11) Relief Valve ½" NPT 10 psi, Qty: 2Np. 12) Relief Valve ½" NPT 16 psi, Qty:2No. 13) Flange Gasket, Qty:2 No. 14) Clamp for Flange, Qty: 1 No. 15) Level Gauge Meter, Qty:1 No.		

Warranty: 2-year on the vacuum from the shipment date