

National Centre for Physics

Detailed specification Document

Annex-A-197

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Sl#	Title of the Project	Dewar Cryogenic Liquid Nitrogen Tank	
		Item	Specification
1.	Dewar Cryogenic Liquid Nitrogen Tank		- Capacity: 500L - Output Pressure: 6-8 bar - Vertical Tank with protective operating ring - High Vacuum multilayer insulation - Outer Vessel Material SS 316L with corrosion resistant coating - Inner Vessel Material SS 304L - Automatic Pressure Control System - Build Pressure Valve - Vent Valve - Relief/Safety Valve - Liquid Nitrogen Filling Valve - Output Valve - Pressure Gauge - Liquid Level Indicator - Casters for mobility

A/U
No QTY
 2

Note: Warranty certificate, Pressure & leak test certificate, Material test certificate, Vacuum test & warranty certificate, Operation & Maintenance manual should be provided.

Please tick the relevant box

☐ Installation

☒ Testing

☐ Commissioning

☐ Training

☒ Warranty requirement Any other please specify _____