

## Annexure-V

### Compliance report

#### (I) Name of Instrument : Liquid Nitrogen Pressurized Cylinder

Sr. No.	Specification of e-Tender	Specification of Bidder/Vendor	Deviation (Yes/No)	Remarks
1	<p>Specifications for Liquid Nitrogen Pressurized Cylinder</p> <p><b>Capacity</b> : 200 liters  <b>Configuration</b> : Vertical  <b>Inner material of cylinder</b> : Austenitic stainless steel (SS 304L)  <b>Outer material of cylinder</b> : Carbon Steel  <b>Outlet port dimension for liquid</b> : 12 inch and 3/8 inch  <b>Outlet port dimension for vapor</b> : 12 inch and 3/8 inch  <b>Transfer line fitting type</b> : Standard  <b>Insulation</b> : Super insulation material or perlite  <b>Construction</b> : It should be double walled and vacuum jacketed  <b>Max allowable pressure</b> : 24 bar  <b>Liquid nitrogen storage pressure</b> : 15 bar minimum  <b>Liquid nitrogen set pressure at outlet:</b> 3 bar  <b>Design temperature</b> : 77 K to 324 K  <b>Outlet temperature of liquid</b> : 77 K  <b>Liquid flow rate</b> : 0.1 liter / min to 4 liter /min  <b>Static evaporation rate</b> : 0.5 liter/day maximum</p>			

	<ul style="list-style-type: none"> <li>• The system must have at least 3 years annual maintenance contract.</li> </ul> <p><b>Accessories to be supplied:</b></p> <ul style="list-style-type: none"> <li>• Quartz cuvettes- A set of 2</li> <li>• Glass cuvettes- A set of 4 pairs</li> <li>• Dust cover</li> <li>• Operation manual</li> <li>• Software manual</li> <li>• Mains Lead</li> <li>• USB Lead for PC Interface</li> </ul>			
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Name and authorized signature

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