

Annexure-C
Technical Specifications

Item wise Technical Specifications		
Enq. Item SL.No	Item Description and Technical Specifications	Qty (Nos)
10	<p>LPG hose as per IS 9573</p> <p>LPG hose Technical Specification.</p> <p>1.The Hoses should be Flame proof and the design, construction and testing shall conform to standard: IS 9573, 2017 edition (Part 1 only- Industrial application) (certificate to be provided).</p> <p>2.The coupled hose assembly shall have the capability to conduct electrical charge from one coupling to another.</p> <p>3.Inner tube: Gas and Oil resistant synthetic rubber</p> <p>4.Reinforcement: The reinforcement shall be braided with high tensile steel wire.</p> <p>5.Outer Cover: The cover should be of rubber (Industrial grade) compound resistant to abrasion, weather, ozone and LPG.</p> <p>6.Colour: Preferably Orange, supplier to specify.</p> <p>7.Size Inner Diameter: 3/8"</p> <p>8.Quantity:120 Nos. Length :15 meters,</p> <p>9.Total requirement: 15m x 120 No's =1800 meters</p> <p>10.Application: LPG vapour transfer in liquid phase at working Pressure: 2 MPa,</p> <p>11.Operating Temperature: max 65°C</p> <p>12.Test: Internal Hydraulic Burst pressure: 10MPa (Test certificate to be provided, Test conducted for similar hose in the last 5 years are also acceptable) and other tests as per the standard</p> <p>13.End Connection: 3/8" female connectors at both end of Brass swivel nut with BSP right hand thread at one end and BSP left hand thread at another end. Hoses shall be supplied with the end connectors crimped.</p> <p>14.Manufacture's name or trade mark, LPG, Max working Pressure, Size, month/year of manufacture, IS9573 (Part I), BIS certification marking must be clearly marked on the hose in the intervals mentioned in the standard.</p>	120