

SI No.	Nomenclature & Drawing No.	Manufacturing Technology & Testing /Inspection Facilities Required to produce The Item	Must be possessed by the vendor in his premises(List of Plant and Machinery and testing/inspection facility to be submitted)	Material or more (Name and address of sub-contractor, list of Plant and Machinery and testing/inspection facility to be submitted)	Firm Compliance (Y/N)	Remarks
1	D-20 SWITCHING UNIT 172.70.276CBCB	<p>Technology 1 Micro switch Assy</p> <p>Technology 2 Metal Forming and machining technology</p> <p>Test/Inspection Testing of switching unit</p>	<p>Facility for:</p> <ol style="list-style-type: none"> Temperature controlled soldering Precision assy of micro switches <p>Facility for:</p> <ol style="list-style-type: none"> Punching Drilling and boring Varnishing 	<p>A. Sources (Tie-up/Outsource/MoU) of:</p> <ol style="list-style-type: none"> Micro switches Springs Rubber gaskets Connectors(LCSO Approved) <p>B. Sources (Tie-up/Outsource/MoU) having facility of:</p> <ol style="list-style-type: none"> Temperature controlled heat treatment (tempering, annealing) facility. Die casting Pressing(Hydraulic/arbor press), 20T Electroplating (Zn chromating, Cadmium chromating, phosphating, oxidizing, chemical passivation) facility. 		
		<p>The vendor should have periodically calibrated instruments measuring:</p> <ol style="list-style-type: none"> Stabilized DC power sources, 0-32V DC, 5A Measuring Instruments(Accuracy Class: 1.0 or better) <ol style="list-style-type: none"> Megger(insulation testing facility) 550V, High Voltage Breakdown Test kit 0-5kV Calibrated weights(upto 5 Kgs) for force measurement <p>Facility for:</p> <ol style="list-style-type: none"> Functional test for micro-switches (Switching current, time constant, overload capacity etc.) as per TY specification 	<p>Facility for or Tie-up/MoU for testing of:</p> <ol style="list-style-type: none"> Chemical composition of materials Testing of Rubber and Paronite items(gaskets etc) <ul style="list-style-type: none"> Limiting pressure Limiting temperature Density Conventional breaking point in the transverse direction Compressibility and recoverability after removal of pressure Testing of Mechanical Properties e.g. <ul style="list-style-type: none"> Tensile strength, Hardness elongation, yield strength, impact strength, cupping test, bend test, heat stability, compression and load test (for springs) 			
						<p>4. Environmental Tests:</p> <ol style="list-style-type: none"> Vibration table fitted with Vibration

