

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)	May be possessed by the Vendor in his premises or may be out sourced (Name and address of sub-contractor, list of Plant and Machinery and testing/inspection facility to be submitted)	Firm Compliance (Y/N)	Remarks
1	AUTOMATIC CONTROL UNIT BA20-1C ASSY 172.70.063CB -1	Technology 1	Electronic circuit components assy	Facility for: 1. Temperature controlled soldering 2. Conformal coating on PCBs as per specification	Sources(Tie-up/MoU) for: 1. Double Layer Printed Circuit Board 2. Transistors, resistors, capacitors, diodes, wires as per specification 3. Connectors (LCSO approved) 4. Rubber parts	
		Technology 2	Metal forming and machining technology	Facility of: 1. Drilling (Any Machine to drill: 10 mm)	Facility for: 1. AI casting 2. Electroplating(zinc chromating, hot tinning, phosphatizing, enamel coating)	
		Test/Inspection 1	Circuit testing	The vendor should have periodically calibrated instruments measuring: 1. Stabilized DC power sources, 0-32V DC, 10 A 2. Measuring Instruments(Accuracy Class: 1.0 or better) a. Megger(insulation testing facility) 500V b. High Voltage Breakdown Test kit 0-1Kv, 50 hz	Facility for or Tie-up/MoU for testing of: 1. Chemical composition of materials(impurities content) 2. Testing of Rubber Components as per specification • Hardness • Rupture Strength and Elongation • Residual Elongation • Density 3. Environmental tests: a. Vibration resistance tests b. Impact loading test c. High temperature tests d. Relative humidity tests e. Low temperature tests f. Dust test, mould growth test, tropical exposure test, rapid temperature cycling test as per specifications.	


  
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	Test/Inspection 2	Facility as per VOC and TY specification	<p>1. Firm should give undertaking for developing Test Facility as Per TY specification and/or as per Test/Inspection-1 after getting Supply Order.</p> <p>2. If the firm is not having any particular facility mentioned in VOC and able to make the component with alternate methods, the details of methods has to be provided with proper justifications.</p>			
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