

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	FAN ASSY 172.71.087.CB CB	Technology 1 IX Motor Manufacturing	Facility for: 1. Winding of Stator (Concentric Coils) and Armature (Distributed Coils) with insulation and slot wedge. 2. Varnishing and heating in oven 3. Temperature controlled soldering	Sources for: 1. Bearing. 2. Carbon brush. 3. Spring. 4. Rubber Blade. 5. Cowl. 6. SPST switch with luminous tip 7. Wires as per specification		
		Technology 2 Metal Machining and Metal forming technologies	Basic Metal Machining Facility of 1. Drilling (Any Machine to drill: 5mm)	Metal forming facility of: 1. Pressure die casting 2. Heat treatment (Annealing, tempering) facility. 3. Electroplating facility (Zinc, Chrome, Cadmium plating, hot tinning, Anodizing, oxidizing, chemical passivation techniques. Silver plating, nickel plating, enamel coating)		
		Test/Inspection 1 DC Motor Testing	The vendor should have periodically calibrated instruments measuring: 1. Stabilised DC power sources, 0-32V DC 2. Measuring Instruments (Accuracy Class: 1.0 or better) a. Megger (insulation testing facility) 500V b. High Voltage Breakdown Test kit 0-1kV, c. Tachometer 0-5000RPM	Facility for or Tie-up/MoU for testing of: 1. Chemical composition (impurities content) of materials 2. Testing of • Hardness • Compression load (for springs) • Shearing strength		

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	Test/Inspection 2	Facility as per TY specification	d. Dynamic Balancing on rotor(5000rpm) 1. Firm should give undertaking for developing Test Facility and procure instruments as Per TY specification and/or as per Test/Inspection-1 after getting Supply Order.						
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If the firm is not having any particular facility mentioned in VQC and able to make the component with alternate methods, the details of methods has to be provided with proper justifications.