Sl 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	BLOWER 411 87 003eb	Technology 1	DC 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. Wires as per specification		
		Technology 2	High speed blower assy	Facility for: 1. Precision assy table/surface table for rotor blades	Sources for(Tie-up/Outsource/MoU): 1. Springs 2. Gaskets and rubber items 3. Pressure gauge Facility for: 1. Laser cutting (sheet metal) or mechanical/servo press (100T) 2. Brazing		
		Technology 3	Metal Machining and Metal forming technologies	Basic Metal Machining Facility of : 1. Drilling (Any Machine to drill 25mm)	Metal forming facility of : 1. Die casting for aluminum 2. Heat treatment(Annealing, hardening, tempering) facility, 3. Electroplating facility (Zinc plating, Chromium plating, Cadmium chromatizing, hot tinning, anodizing, phosphating, oxidizing, zinc chromatizing, chemical passivation) 4. CNC Turning (dia: 300mm) 5. CNC Milling (600*600mm)		
		Test/Inspection 1	Electrical and Mechanical Testing	The vendor should have periodically calibrated instruments measuring: 1. Stabilized DC power sources, 0-32V DC, 50A 2. Measuring Instruments(Accuracy	Facility for or Tie-up/MoU for testing of: 1. Material chemical composition(Impurities content) 2. Rubber Components • Hardness • Rupture Strength and elongation after rupture.		

				Class: 1.0 or better) a. Megger(insulation testing facility) 500V b. High Voltage Breakdown Test kit 0-1kV. c. Spring balance/force measurement equipment(using weights) (50kgf) for electromagnet effort measurement Test facility for: 1. Dynamic balancing of rotor(10000 RPM) 2. Welding leak testing using air/kerosene(for cover)(pressure 0.05mpa) 3. Pressure gauge testing (10bar)	• Density 3. Testing of Mechanical Properties e.g. • Tensile strength, • Hardness • elongation, • yield strength, • impact strength, • cupping test, • bend test, • compression and load test (for springs) 4. Testing of electrical properties e.g • dielectric strength, • dissipation factor, • volume resistivity, • surface resistivity 5. Environmental test: 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.		
		lest/Inspectio 2	Facility as per TY specification	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.			

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.