

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	SUMMER & WINTER HEAD SET TY 17-08-229-85	Technology 1 Electronic speaker and microphone assy Technology 2 Circuit testing Test/Inspection 1 Test/Inspection 2	Facility for: 1. Temperature controlled soldering (Temp range: upto 450deg C) The vendor should have periodically calibrated instruments measuring: A. Measuring Instruments (Accuracy Class: 1.0 or better) a. Megger (insulation testing facility) 500V B. Stabilized DC voltage source (0-32V, 10A) C. Audio distortion analyser D. Decibel Meter (0-200db) E. Oscilloscope (bandwidth: 1MHz) F. Function generator (bandwidth: 0-1MHz with arbitrary signal generator mode)	Sources (Tie-up/MoU) for: 1. Shielded wires and cables as per specification 2. Microphone 3. Microphone amplifier 4. Plug connector (LCSO approved) 5. Winding of coils (dia: 50mm) Facility for or Tie-up/MoU for testing of: 1. Frequency response of microphones and speakers 2. Environmental test: a. Vibration resistance tests b. Impact loading test c. High temperature tests d. Relative humidity tests e. Low temperature tests Dust test, mould growth test, tropical exposure test, rapid temperature cycling test as per specifications.		
		Facility as per VQC and TY specification	1. Firm should give undertaking for developing Test Facility as Per TY specification and/or as per Test/Inspection after getting Supply Order. 2. 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.			<i>Wherever facilities as mentioned above are not available but vendor has alternative facilities, detailed justification and proof to be shared to prove that alternate facilities can be used to manufacture the item.</i>

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