Annexure B:

File: Development of Indigenous Crew Seat Liner Prototype Compliance Matrix

Sl. No	Specification	Compliance Status (with explanation)
1	• General Scope of Work: • Comprehensive study, engineering, and development of two types of crew seat liner hardware, based on 3D models provided by the Department. o Test Liner Engineering Prototype-FAA ATD-M : ***CSBL-T-FM*** **;** Qty: 01 No o Test Liner Engineering Prototype- Auto ATD-M : ***CSBL-T-AM*** **;** Qty: 01 No	
2	• Party shall procure the raw materials required for the fabrication of the liner hardwares, as per the specifications detailed in Annexure-1 (Terms and Conditions).	
3	• Party shall provide the Material Test Certificates (TC or Certificate of Compliance for the raw materials used in liner hardware fabrication.	
4	• Party shall be DGCA approved for design, manufacturing and release of aircraft interior systems, including seating systems. Relevant approval certificates must be submitted.	
5	• Party shall hold the valid DGCA – DOA (Design Organisation Approval) authorising design and development of new aircraft systems or modifications to existing systems.	

6	• Party shall hold valid DGCA CAR 21G - Production Organization Approval- confirming compliance with airworthiness standards for manufacturing certified aircraft parts and cabin systems.	
7	• Party shall hold the valid Aerospace Quality Management Standard Certification- AS9100D or ISO 9001:2015 covering design, production, assembly, and maintenance of aviation/space/ defense products.	
10	• Party shall operate an FAA/EASA/DGCA approved production facility capable of crew seat liner fabrication. Details of the facility shall be provided.	
11	• Party shall have maintain adequate in-house capabilities, including tools, calibrated test equipment, and manufacturing infrastructure for aviation-grade fabric processing and testing.	

	• The supplier must have proven facilities and expertise in cutting, profiling, stitching / bonding, and all processes required for crew seat liner fabrication.
	  • A comprehensive list of fabrication facilities must be provided.
	  • The supplier must possess specific furnishing-related equipment and machines such as:
	  o Industrial sewing machines suitable for technical fabrics and leather.
	  o Precision cutting tables (manual or automated).
	  o Edge binding / Overlocking equipment.
	  o Upholstery profiling, contouring machines, and trimming tools.
	  o A detailed inventory of the machines/tools shall be submitted to demonstrate readiness and capability.
	  o The supplier must have the facility and expertise to design and produce precise templates required for further processing of furnishing items.	

12	• Party shall have proven experience in fabrication/refurbishment/repair of aircraft seat system/parts. • The supplier must employ authorised certified staff approved under DGCA CAR 21G regulations, specifically qualified to inspect, release, and certify aircraft seat furnishing items. • Compliance details shall be provided.	
13	• Party shall have the trained and experienced manpower, in material engineering, quality control, and regulatory compliance.	
14	• Party shall have dedicated bonded storage facility with traceability systems, environmental controls, and secure access logs for the safe storage of the raw materials.	
15	• Party shall have access to NABL accredited state of art laboratories for the characterization testing of the raw materials used for the realisation of the proposed crew seat liner.	
16	• Party shall have an in-house design team for generating required 3D models and 2D drawings required for the fabrication of the liner prototypes.	

17	• The Party shall maintain a reliable supply cabin for the procurement of the foam and technical fabric for the realisation of crew seat liner prototypes.	
18	• Party shall procure/realize any kind of tooling, fixtures, consumables etc. required for the liner prototype fabrication. No separate cost shall be claimed for these requirements.	
19	• Party shall carryout the 3D scanning of the realised hardwares and provide the data to be matched with the supplied 3D CAD.	
20	• Minor changes in the design, if any, during the execution of the order, should be undertaken without any additional cost. If the changes are appreciable (>10%), it may mutually be discussed and agreed upon.	
21	• Delivery Period: Within 5 months from date of release of PO	
22	• Delivery Terms: FOR (Free on Road) to HSFC, Bangalore	