**Annexure –I**

**Product Description and necessary requirements for Expression of Interest (EOI)**

Research Center Imarat (RCI), DRDO, Hyderabad has successfully developed the technology for control grade Fiber Optic Rate Sensors. Based on this a fully qualified three axes sensor package has been developed and produced in limited quantity. This technology is now ready for TOT. Following are the necessary requirements for the firms to submit the EOI.

**Essential Requirement:** Firms submitting their EOI must have:-

1. Prior experience in handling production/development of fiber optic systems for Defense/Aerospace applications.
2. Adequate qualified human resources, infrastructure, and test equipment to carry out the integration of multi-layer PCBs and Fiber Optic assemblies.
3. Clean room of classes 10000-100000 for optical and electrical integration.
4. Requisite infrastructure for production of avionics systems and the system delivered should have been flight tested for aerospace applications.
5. Requisite quality management system for production.

Interested parties may respond along with their company profile, financial status with technical capabilities etc., as per the following details:-

1. Memorandum and Articles of Association (should be incorporated as per Indian Companies Act, 1956).
2. Certificate of registration as a manufacturing unit.
3. Balance sheet for preceding three years.
4. Income tax returns for preceding three years period.
5. Details of shareholding/ownership pattern especially foreign partners/shareholders, foreign employees, directors, etc. The company must adhere to the prevailing Govt of India policies and regulations on Foreign Direct Investment (FDI)/DIPP norms as applicable.
6. Annual budget for R&D during last three years.
7. Number of technically and professionally qualified personnel.
8. Numbers and details of IPR or patents, etc., held by the company.
9. Record of past performance (examples of supply orders executed against of Ministry of Defence orders, Public sectors, aerospace, paramilitary forces if any).
10. Availability of adequate infrastructure (list of machines and their production capacities) and technical expertise.
11. List of testing and support equipment.
12. ISO/ISI certification or any other equivalent certification.
13. Relevant clearances form the authorities/ministries (if any)
14. Capacity and capability to market the product to defence units only through marketing network and reliability to maintain confidentiality.
15. Documents in the support of Essential Requirement stated in para 2

The interested firms have to sign the confidentiality and non-disclosure agreement (CNDA) with DRDO for further technical discussion on specifications, infrastructure etc. Based on Technical Evaluation by the committee, the shortlisted firms shall be considered for the Transfer of Technology (ToT) on non-exclusive basis and the Intellectual Property Rights shall always remain with DRDO. The ToT to industry will be given based on their manufacturing capability, assurance on quality and capacity of production apart from the other terms and conditions.