

DEMAND NOTIFICATION -5
INVITATION FOR EXPRESSION OF INTEREST FOR
FLUID DETECTION SENSOR

BrahMos Aerospace, a joint venture between India's Defence Research and Development Organization (DRDO) and Russia's NPO Mashinostroyeniya, is a leading aerospace and defense corporation specializing in the Design, Development, and Production of supersonic cruise missile systems.

BAPL invites Expressions of Interest (EOI) from prospective manufacturing industries for the procurement of Fluid Detection Sensor.

Name of Device: Fluid Detection Sensor

Scope of work:

To manufacture Fluid Detection Sensors and qualify the same as per technical requirement which will be shared only to shortlisted manufacturers.

Description:

Fluid Detection Sensor operates based on the incidence and refraction of optical rays from the designated region which is a milled glass pocket with IR Receiver & IR Emitter. The main purpose is to find out if there are any fluid leakages in the designated region. Sensor comprises of electronic components, Relays, PCBs, Output connectors and interconnects.

Mechanical processes involved:

- Brass, Aluminum machining and milling of Glass Texolite

Electrical/Electronic Process Involved:

- Soldering – J STD 001 Class 3, MIL STD 2000 Class 3
- Wire harness for internal wiring - IPC 620 Class 3
- PCB Assembly - IPC 610 Class 3

Testing Requirement:

- Functional testing encompasses resistance, capacitance and discrete outputs in an automated environment.
- Comprehensive testing to validate the functionality and Reliability.

The eligibility criteria and instruction for submission of EOI are available at our website www.brahmos.com. Only eligible vendors meeting the requirements specified in EOI document "BAPL/SCM-L/EOI/EEE/01 dt. 16.04.2025 Rev. 01 dt 30.05.2025" shall only be applied.

Eligible manufacturing industries may furnish their Expression of Interest in the prescribed format (Annexure A of above EOI document) in Sealed Envelope quoting our Reference No. BAPL/SCM-L/DN/005 with all essential information and supporting documents shall reach on or before 25/06/2025 [16:00 Hrs] to the following address:

BrahMos Aerospace Private Limited

BrahMos Complex, Adj. DRDL Rear Gate
Kanchanbagh, Hyderabad – 500 058
Tel: 91-40-24087214/7144

Note: BAPL reserves the right to accept or reject any or all responses. Mere compliance to the EOI terms does not guarantee further consideration for qualification in the procurement process.

