

DEMAND NOTIFICATION

INVITATION FOR EXPRESSION OF INTEREST FOR INTEGRATED TARGET AND JAMMER ENVIRONMENT SIMULATOR

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 industries for the design, development, testing and installation of Multi-Channel Integrated Target and Jammer Environment Simulator (ITJES).

Name of Device: Multi-Channel Integrated Target and Jammer Environment Simulator (ITJES)

Scope of work:

To design, develop and deliver a *Multi-Channel Integrated Target and Jammer Environment Simulator (ITJES)* as per the Detailed Scope of work and Technical Specifications, which will be shared to shortlisted manufacturers.

Description: Device receives RF input (along with real-time Navigation data on specific interfaces) from Onboard Radar; Applies DRFM-based digital sampling, storage, and retransmission techniques & ensures real-time emulation of target and jammer environment under controlled, repeatable conditions - providing the capability to test Radar system. Device will simulate target and all types of jammers.

Software requirement:

- Software for Output generation on multiple ports using RF input from Radar
- Software for real-time interfacing with Data stands on interfaces such as 1553B/LAN etc.
- Software for Data logging, display and automatic report generation
- End-To-End RF simulation through modelling for validation of design against technical specifications

Transportation and Handling requirement:

- The device should be portable with simpler installation instructions.
- The device should be packed in a ruggedized packing box to ensure safety of the device under the conditions of transportation and storage.

Thermal Management:

- Passive / active cooling for continuous operation up to 8 hours

Testing Requirement:

- Testing to validate the functionality and specifications
- Integrated testing with applicable test benches.

The eligibility criteria and instruction for submission of EOI are available at our website www.brahmos.com. Eligible vendors meeting the requirements specified in EOI document "BAPL/EOI/ITJES/01 Rev. 00" shall only be applied.

Eligible manufacturing industries may furnish their Expression of Interest in the prescribed format (Annexure A of EOI document BAPL/EOI/ITJES/01 Rev. 00) in Sealed Envelope quoting our Reference No. BAPL/ITJES/DN/001 with all essential information and supporting documents shall reach on or before 09/02/2026 [16:00 Hrs] to the following address:

BrahMos Aerospace Private Limited

BrahMos Complex, Adj. DRDL Rear Gate
Kanchanbagh, Hyderabad – 500 058
Tel: 91-40-24087127

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.