

DEMAND NOTIFICATION
INVITATION FOR EXPRESSION OF INTEREST FOR
TIMING AND SEQUENCING DEVICE

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 organization specializing in the design, development, and production of supersonic cruise missile systems.

BAPL invites Expressions of Interest (EOI) from prospective industries for development of mission critical Timing and Sequencing Device.

Name of Device: Timing and Sequencing Device

Scope of work:

To develop & qualify the Timing and Sequencing Device as per the technical specifications document which will be shared to shortlisted Industry partner(s) on submission of Non-Disclosure Agreement (NDA).

Description: Timing and Sequencing Device is a mission critical sub-system of BRAHMOS Missile. It operates on 27VDC (nominal) power supply. It generates event and time- based discrete output signals based on input discrete signals and time elapsed. The commands issued by the System are used for controlling other sub-systems. The intended System mainly comprises of hermetically sealed relays, digital ICs (gates, counters, multiplexers etc.), PROM (for storing sequence of commands and time delays), transistors, diodes, connectors, interconnects etc.

Mechanical processes involved:

- i. Casting & Machining, as applicable

Electrical/Electronic Process Involved:

- i. Soldering – J STD 001 Class 3, MIL STD 2000 Class 3 or equivalent
- ii. Wire harness for internal wiring - IPC 620 Class 3 or equivalent
- iii. PCB Assembly - IPC 610 Class 3 or equivalent

Testing Requirement:

- ii. Functional testing and Qualification testing as per Technical specifications document.
- iii. 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" shall express their interest.

Eligible Industry partner(s) may furnish their Expression of Interest in the prescribed format (Annexure-A of EOI document BAPL/SCM-L/EOI/EEE/01) in Sealed Envelope quoting our Reference No. BAPL/AV/DN/001 with all essential information and supporting documents, on or before **08/06/2025 [17:00 Hrs]** to the following address:

BrahMos Aerospace Private Limited

16 Cariappa Marg, Kirby Place,
Delhi Cantt, New Delhi – 110 010
Tel: 91-11-42285101 (102)

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