

DEMAND NOTIFICATION
INVITATION FOR EXPRESSION OF INTEREST FOR
DEVELOPMENT OF RUGGED
SINGLE BOARD COMPUTER (SBC)

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 Single Board Computer (SBC) to be developed, qualified and certified for serial production as per the standard guidelines of DQA(N)/MSQAA.

Name of Device: Rugged SBC

Scope of work:

To develop, qualify and certify the intended SBC as per the technical specifications document which will be shared to shortlisted Industry partner(s) on submission of Non-Disclosure Agreement (NDA).

Description: The developed SBC will be used in advanced fire control applications. It shall be rugged, VME/VPX Single slot, conduction cooled, lower power consuming and having T2 series QorIQ or equivalent multicore SoC, DDR3L RAM, NVRAM, NOR Flash and NAND Flash. The board I/Os shall contain USB, Serial, MIL-STD-1553B, CANbus, Gigabit & Fast Ethernet and Discrete interfaces. It shall also contain PMC and PMC/XMC slots. It shall be Vibration and Shock resistant. The SBC shall support WindRiver vxWorks and Linux. OS specific device drivers for board resources need to be provided.

Process Involved:

- Schematic Design and PCB Layout
- PCB Assembly
- Firmware development

Testing Requirement:

- Functional testing and Qualification testing as per Technical specifications document.

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" with experience in development & delivery of SBCs 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/FCS/DN/01 with all essential information and supporting documents, on or before **31/01/2026 [17:00 Hrs]** to the following address:

BrahMos Aerospace Private Limited
Adj. DRDL Rear Gate
Kanchanbagh, Hyderabad – 500058
Tel: 91-40-2408 7213 (7109)

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.