

DEMAND NOTIFICATION
INVITATION FOR EXPRESSION OF INTEREST FOR
ENCODER UNIT

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 Encoder Unit.

Name of Device: Encoder Unit.

Scope of work:

To manufacture Encoder Unit and qualify the same as per technical requirements which will be shared only to shortlisted manufacturers.

Description:

Encoder Unit collects wide range of signals and encrypts the same. Unit software should be compatible and programmable as per the encrypted data structures w.r.t to different signal types, communication rates. The unit shall be provided with an Interface to acquire real time data. Device comprises of electronic components, PCBs, 1553 bus, Input/Output connectors and interconnects.

Mechanical processes involved:

- Aluminum machining

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/007 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.

