

DEMAND NOTIFICATION**INVITATION FOR EXPRESSION OF INTEREST FOR**
Cable Harnesses

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 On-Board Cable Harnesses.

Name of Device: Cable Harnesses

Scope of work:

To manufacture Cable Harnesses (70 Types) and qualify the same as per technical requirement (Operating temperature: minus 50 to plus 250°C) which will be shared to shortlisted manufacturers.

Description: Cable harnesses which facilitates power and signal connections between subsystems are critical components in the system. Their design, manufacturing, and testing require careful consideration to ensure optimal performance and reliability. The manufacturer shall possess access/manufacture of special connector of Russian Origin. The cables shall undergo Acceptance Tests (AT), followed by extensive Qualification Testing (QT) or Periodic Testing (PT).

Mechanical processes involved:

- Machining – Aluminum, copper, brass, steel and titanium.
- Casting/Welding.
- Surface treatment.
- Moulding – Insulators & Rubber gaskets.
- Chemical Potting to secure soldering joints.

Electrical/Electronic Process Involved:

- Soldering & Crimping – J STD 001 Class 3, MIL STD 2000 Class 3
- Wire harness - IPC 620 Class 3

Testing Requirement:

- Functional testing encompasses resistance, Isolation and insulation in an automated test set-up.
- Comprehensive environmental and mechanical testing facility to validate the functionality and Reliability.
- Cable unwinding test for testing coiled cable harness (1 type)

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/009 with all essential information and supporting documents shall reach on or before 30/06/2025 [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.

