

BAPL/EOI/TP-EQPT/01

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Expression of Interest (EOI)

GROUND HANDLING/ SUPPORT EQUIPMENT

May 26, 2025



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1 Introduction

BrahMos Aerospace Private Limited, a joint venture between India's Defence Research and Development Organization (DRDO) and Russia's NPO Mashinostroyeniya, is a leading aerospace and defense corporation specialized in Design, Development and Production of supersonic cruise missile systems. BrahMos missile, a versatile weapon deployable from multiple platforms, the company plays a critical role in enhancing India's defense capabilities and is actively pursuing advancements in missile technologies, solidifying its position as a key player in the global defense sector.

BAPL invites Expressions of Interest (EOI) from qualified manufacturers for supply of Ground Handling/ Support Equipment for BAPL's critical defence system Responses should demonstrate adherence to relevant military standards (MIL-STD), robust quality control procedures, and a proven track record in delivering reliable solutions for demanding defense applications.

Intending Manufacturing Industries[s] are advised to read the EOI document, Terms and Conditions and other details carefully relating to the work contemplated in the procurement of Ground Handling/Support Equipment.

2 Objective

The EOI aims to develop new vendors qualifying to the technical requirements of equipment under consideration. The information collected will be used to identify suitable partners for subsequent phases of vendor development activity.

3 Eligibility Criteria

Interested Manufacturing Industries must meet the following minimum criterion in order to apply for EOI:

1. The Manufacturing Industries must be an Indian Registered Partnership / LLP / Company with a majority stake of the company held by a Resident and Citizen of India.
2. In-house expertise in 3D modelling, FE Analysis, generation of Auto-Cad drawings and associated sub-assemblies. The industry should have latest version of software and should share the CAD model/FE Model with assembly/manufacturing drawings with BAPL.
3. Vendor should share the details of sub-vendors on whom subsequent orders of component/assembly will be placed.
4. IPR for drawings/ model should rest solely with BAPL.
5. Static load testing:



Qualification testing (QT): 2X 30 ton

Acceptance testing (AT): 1.5X 30ton

Dynamic load testing:

24-ton dummy load movement on rails during manufacturing stage.

6. EOT crane/ Hydra and other load lifting equipment availability at vendor premises.
7. Availability of load cell and display unit with proper calibration certificate for conducting static/dynamic load test.
8. Packing and delivery of equipment with Def. standard.
9. Vendors with past experience in manufacturing and implementing rail/ track load bearing arrangements should be preferred.
10. Vendor should have following ISO certification, preferably:
 - ISO 3834: Certification for welding quality system.
 - ISO 9001: Quality management systems- requirements
 - ISO 14001: Environmental management systems
 - ISO 45001: Occupational health and safety management system.
 - ISO 27001: Information security management.
11. Vendors should follow NABL accredited labs verified reports as per QA plan.
12. Vendors should have sufficient space for assembly/ testing and storage of Magazine Trolley.
13. Expertise and technical tie up with renowned organization for assembling and integrating the hydraulic, electronic systems with the geared systems for trolley.
14. Higher indigenous content is preferable.

4 EOI Submission

Interested Manufacturing Industries are requested to submit their response as per Format enclosed in **Annexure-A as per Demand Notification.**

5 Evaluation Criteria

The evaluation of responses will be based on the Evaluation of BAPL w.r.t the following criteria:

- Technical capabilities and experience in defence applications.



- Production capacity and lead time for high-reliability products.
- Quality management system and compliance with defence/military standards.
- Financial stability and references in the defense sector.
- Infrastructure/Facility evaluation.
- Security Certifications and its compliance.

The shortlisted Industries will be called up for further processing of the subsystems mentioned in Demand Notification.

6 Confidentiality

All information provided in response to this EOI will be treated as confidential and may be subject to non-disclosure agreements.

7 Disclaimer

This EOI does not constitute a commitment for placement of contract/P.O and BAPL reserves the right to accept or reject any or all the responses.

8 Contact Information

For any inquiries, please contact: Refer demand notification



Annexure A
Expression of Interest

Demand Notification Ref.: _____

Demand Notification Date: _____

| S.No. | Particulars | Details to be filled up by FIRM | Supporting Document |
|-------|---|---------------------------------|---|
| a. | Name Of the Firm & Address | | Company Registration Document with State/Central Government |
| b. | Firm's Contact Person & Details | | |
| c. | Category of Industry (Raw Material /Conversion/Standard Items/Ready to use Components/Other) * | | |
| d. | Nature of the Company (Pvt. Ltd. / Ltd./PSU/DPSU etc.) | | |
| e. | Organizational structure | | Self-attested document |
| f. | The average annual turnover of previous three (3) financial year. | | Annual Financial Statements |
| g. | What is the core competence of the company? | | - |
| h. | What are principal products(s)? | | - |
| i. | How long has company been in business as presently organized? | | - |
| j. | List of principal Subcontractors, along with processes subcontracted | | - |
| k. | List of principal customers to whom the vendor supplied stores in the past two (2) years. | | - |
| l. | List of principal companies and /or Government agencies which have surveyed and approved the firm with scope of approval. | | Copy of attestation document |
| m. | Contract /S.O. No. from Defence/Missile complex Labs along with status of order. (Completed/Ongoing/Short closed) | | - |
| n. | Certification - Quality (ISO/AS/SAMAR) | | Copy of latest certificate |



| S.No. | Particulars | Details to be filled up by FIRM | Supporting Document |
|-----------|---|---------------------------------|---|
| o. | Employee Strength (Design, Quality, Production, (Skilled / Semi- Skilled/Casual) Other) | | - |
| p. | Certification of skilled manpower (IPC 610/620 Class-3) | | Copy of latest certificate |
| q. | Attrition rate of employee | | - |
| r. | Failure incidence reported by customer in last three years in PPM and percentage | | - |
| s. | Average import percentage in products manufactured and delivered in last financial year | | - |
| t. | Security compliance certification (If any). Shall specify the road map and certification plan if not existing. | | Copy of latest certificate/ Road Map |
| u. | List of available equipment and machinery (e.g., SMT placement machines, CNC (Computer Numerical Control) machines, environmental test chambers and other test facilities. | | |
| v. | Maximum PCB size and complexity handled | | |
| w. | Production capacity - Lead time for prototype and production runs | | |
| x. | Inventory Management System | | |
| y. | Controlled Storage Facility | | |
| z. | Cybersecurity and data security practices | | Compliance Certificate/Self certification |



| *Category of firm | Definition |
|---|--|
| Connector and Cable Manufacturer | Firms having facilities for manufacturing of MIL grade connectors and manufacturing of cable harness. |
| Only Cable Harness Manufacturer | Firms having facilities for manufacturing of cable harness but no in-house facility to manufacture MIL grade connector |
| Electronic Package Manufacturer | Firms having manufacturing facilities for making electronic and electro-mechanical systems. |
| Other | Firms not falling in any of the previous types, shall specify in the form. |

Note : The firm shall enclose supporting documents as applicable

Declaration: The details provided above are true and it is understood that BAPL reserves the right to accept or reject the EOI filed herein.

Authorized Signature with Name & Company Stamp.

