

EXPRESSION OF INTEREST (EOI)

For

15.5T CRANE

GROUND HANDLING/SUPPORT EQUIPMENT

Oct 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 defence 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 defence capabilities and is actively pursuing advancements in missile technologies, solidifying its position as a key player in the global defence sector.

BAPL invites Expressions of Interest (EOI) from qualified manufacturers for development and supply of Crane involving manufacturing / mechanical integration and electrical / electronic / hydraulic units. 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 defence applications.

Intending Manufacturing Industries are advised to read the EOI document, Terms and Conditions and other details carefully relating to the work contemplated in the procurement of intended items.

2. OBJECTIVE

The EOI aims to develop new vendor qualifying to the technical requirements for manufacturing and supply of items under consideration. The information collected will be used to identify suitable industry 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:

Technical capabilities

- a) 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 AutoCAD drawings with BAPL.
- b) Vendor should share the details of sub-vendors on whom subsequent orders of component/assembly will be placed.
- c) IPR for product / drawings / model should rest solely with BAPL.
- d) Integration of system and sub-systems of crane including qualification and acceptance testing (Load Testing). Design/Manufacturing of Test Bench for QT/AT of Crane.



- e) Suitable EOT crane/ Hydra and other load lifting equipment with valid certification availability at vendor premises.
- f) Availability of load cell, display unit and other testing equipment with proper calibration certificate for conducting various load test and functionality tests.
- g) Packing and delivery of equipment as per applicable Defence standards. Delivery location will be intimated separately
- h) Vendors with past experience in manufacturing of cranes will be preferred.
- i) Vendor should have relevant ISO certification, preferably/notably:
 - i. ISO 3834: Certification for welding quality system.
 - ii. ISO 9001: Quality management systems- requirements
 - iii. ISO 14001: Environmental management systems
 - iv. ISO 45001: Occupational health and safety management system.
 - v. ISO 27001: Information security management.
- j) Vendors should follow NABL accredited labs verified reports as per QA plan.
- k) Vendors should have sufficient space for assembly / testing and storage of super-structures/cranes.
- l) Expertise and technical tie up with renowned organization for assembling and integrating the hydraulic, electronic systems and geared systems.
- m) Availability of experienced and qualified technical manpower
- n) Experience in manufacturing and Supply of cranes for Defence/Aerospace industry shall be preferred.
- o) Relevant Experience in hydraulic control operations in relation to lifting equipments

General Requirements

- a) 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.
- b) Experience on working with inspection agencies viz., MSQAA, CQA, ORDAQA etc is desirable.
- c) Obsolescence Management: Shall have a documented procedure to monitor and manage obsolescence of components/sub-systems.
- d) The manufacturer shall ensure minimum service life of 20 years for items manufactured for BAPL.
- e) Availability of in-house research & development facility and reverse engineering capability is preferred.
- f) Higher indigenous content is preferable.

4. EOI SUBMISSION

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



5. CONFIDENTIALITY

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

6. DISCLAIMER

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

7. CONTACT INFORMATION

For any inquiries, please contact: Refer demand notification



Annexure I**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
o.	Employee Strength (Design, Quality, Production, (Skilled / Semi-Skilled/Casual) Other)		-
p.	Attrition rate of employee		-
q.	Failure incidence reported by customer in last three years in PPM and percentage		-



S.No.	Particulars	Details to be filled up by FIRM	Supporting Document
r.	Security compliance certification (If any). Shall specify the road map and certification plan if not existing.		Copy of latest certificate/ Road Map
s.	List of available equipment and machinery (e.g., SMT placement machines, CNC (Computer Numerical Control) machines, environmental test chambers and other test facilities.		
t.	Maximum PCB size and complexity handled		
u.	Production capacity - Lead time for prototype and production runs		
v.	Inventory Management System		
w.	Controlled Storage Facility		
x.	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.

