

**M/s. BEML LIMITED,  
BEML SOUDHA,  
23/1,4<sup>th</sup> Main  
SAMPANGIRAMA NAGAR,  
BENGALURU - 560002**

**Notice for Inviting  
Expression of Interest (Eol)**

**For**

**Engagement of Technical Consultant / Consultancy Services  
for Design, Selection, Commissioning and Testing of FICV(Tr)  
Gun Version**

**Reference No:** **NBDD(Def)/FICV/2024/Tech. Consultant**

**Due closing date:** **24.05.2024** (24<sup>th</sup> May 2024)

**Eol response mail ID:** **bemleoi@bemltd.in**

**Contact for  
Clarifications:** **Mr. Madhusudhan BH,  
General Manager(O)-R&D  
Chief of New Business Design & Development  
Bangalore Complex, BEML Ltd.,  
Bangalore, Karnataka, INDIA  
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**Issued by**

**BEML LIMITED**

**(Schedule 'A' Company under Ministry of Defence, Govt. Of India)**

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## **SECTION-1**

### **Disclaimer**

The information contained in this Expression of Interest (Eol) document provided to the Prospective Consultant(s), by or on behalf of M/s BEML Ltd., or any of its executives or advisors, is provided to the Prospective Consultant(s) on the terms and conditions set out in this Eol document and all other terms and conditions subject to which such information is provided.

1. The purpose of this Eol document is to provide the Prospective Consultant(s) with information to assist the formulation of their proposal. This Eol document does not purport to contain all the information each Prospective Consultant may require. This Eol document may not be appropriate for all persons, and it is not possible for BEML Ltd., its executives or advisors to consider the business/investment objectives, financial situation and particular needs of each Prospective Consultant who reads or uses this Eol document. Each Prospective Consultant should conduct his own investigations and analysis and should check the accuracy, reliability and completeness of the information in this Eol document and where necessary obtain independent advice from appropriate sources.
2. BEML Ltd., its executives and advisors make no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the Eol document.
3. BEML Ltd., may, in its absolute discretion, but without being under any obligation to do so, modify, amend or supplement the information in this Eol document.
4. The issue of this Eol does not imply that BEML Ltd., is bound to select and shortlist any or all the Prospective Consultant(s). Even after selection of suitable Prospective Consultant, BEML Ltd., is not bound to proceed ahead with the Prospective Consultant and in no case be responsible or liable for any commercial and consequential liabilities in any manner whatsoever.
5. The Prospective Consultant(s) shall bear all costs associated with the preparation, technical discussion/presentation and submission of response against this Eol. BEML Ltd., shall in no case be responsible or liable for these costs regardless of the conduct or outcome of the Eol process.
6. Canvassing in any form by the Prospective Consultant(s) or by any other agency on their behalf shall lead to disqualification of their Eol.

7. Notwithstanding anything contained in this Eol, BEML Ltd., reserves the right to accept or reject any application and to annul the Eol process and reject all applications, at any time without any liability or any obligation for such acceptance, rejection or annulment and without assigning any reasons, thereof. In the event that BEML Ltd., rejects or annuls all the applications, it may at its discretion, invite all eligible Prospective Consultants to submit fresh applications.
8. BEML Ltd., reserves the right to disqualify any applicant during or after completion of Eol process, if it is found there was a material misrepresentation by any such applicant or the applicant fails to provide within the specified time, supplemental information sought by BEML Ltd.,
9. BEML Ltd., reserves the right to verify all statements, information and documents submitted by the applicant in response to the Eol. Any such verification or lack of such verification by BEML Ltd., shall not relieve the applicant of his obligations or liabilities hereunder nor will it affect any rights of BEML Ltd.,

## **SECTION-2**

### **Schedule of Eol process & contact details**

#### **A. Schedule of Eol process**

The schedule of activities during the Eol Process shall be as follows -

<b>Sl.No.</b>	<b>Description</b>	<b>Date</b>
01	Issue of Eol Document	23.04.2024
02	Last date of Submission of Eol response	24.05.2024

#### **B. Contact Details related to Eol**

##### **Chief of Vendor Development Cell**

23/1, 4<sup>th</sup> Main SR Nagar

BEML Soudha

BEML Ltd.,

Bangalore-560027

Karnataka

India.

Tel:

Mobile:9886379085 / 080 22963253

Email :srinivasantn@bemltd.in

**SECTION-3**  
**About BEML LTD.,**

BEML Limited (formerly Bharat Earth Movers Limited) was established in May 1964 as a Public Sector Undertaking for manufacture of Rail Coaches & Spare Parts and Mining Equipment at its Bangalore Complex. The Company operates under three major Business verticals viz., Mining & Construction, Defence and Rail & Metro. The three verticals are serviced by nine manufacturing units located at Bangalore, Kolar Gold Fields (KGF), Mysore, Palakkad. The products manufactured under the three Business Verticals are mentioned below.

<b>DEFENCE &amp; AEROSPACE</b>	<b>MINING &amp; CONSTRUCTION</b>	<b>RAIL &amp; METRO</b>
Tatra based High Mobility Trucks	Bull Dozers	Integral Rail Coaches
Recovery Vehicles	Excavators	Metro Cars
Bridge Systems	Loaders	AC EMUs
Vehicles for Missile Projects	Pipe Layers	OHE Cars
Tank Transportation Trailers	Wheeled Dozers	Steel and Aluminium Wagons
Milrail Wagons	Tyre Handlers	Track Laying Equipment
Mine Ploughs	Shovels	Utility Vehicles
Crash Fire Tenders	Dumpers	Treasury Vans
Snow Cutters	Water Sprinklers	Spoil Disposal Units
Aircraft Towing tractors	Motor Graders	Broad gauge Rail bus
Aircraft Weapon Loading Trolley	Underground Mining Equipment	

More details about the entire range of BEML's products and operations can be viewed by visiting our web site [www.bemlindia.in](http://www.bemlindia.in)

## **SECTION-4**

### **Details of Expression of Interest (Eol)**

#### **4.1 Introduction:**

This Expression of Interest (Eol) seeks response from the Prospective Technology Consultant(s), who are willing to be associated with BEML Ltd. for Design Review/ Evaluation, Selection of suitable aggregates, Integration of sub systems, Proof Guidance and assistance for Proofing all types of Weapon systems and Armour Protection systems, Commissioning, testing at customer site, and Preparation of Quality Assurance plan for the development of Futuristic Infantry Combat Vehicle (Tracked) Gun Version as per the RFP floated by Ministry of Defence, Government of India.

#### **4.2 Scope of Cooperation:**

BEML Ltd., is seeking Expression of Interest(s) from Prospective Technology Consultant(s) for associating with BEML as a consultant for the development of Futuristic Infantry Combat Vehicle (Tracked) Gun Version for Indian Army. The association of consultant shall enable BEML Ltd., to Design, Engineer, Manufacture, Assemble, Test, Supply, Field Install, Commission and Retrofit Futuristic Infantry Combat Vehicle (Tracked) Gun Version for Indian Army. Interested Parties meeting the PQR requirement as specified in clause 4.3 below are invited to submit their response to this Eol, as per indicative Scope Of Work given in Annexure-1. Upon receipt of response(s) against this Eol, BEML Ltd., will review the response(s) to ascertain suitability of the offer and shortlist Prospective Consultant(s) for further discussions. Detailed discussions on commercial and other terms and conditions to finalize the Consultancy Service shall be held with shortlisted Prospective Consultant(s). The detailed terms and conditions for such a paid-up license agreement shall be mutually agreed upon.

#### **4.3 Pre-qualification requirements (PQR)**

The Prospective Consultant(s) shall meet following qualification requirements as on the date of submission of Eol (to be substantiated by a documentary evidence):

The Prospective Consultant(s) should have experience in design validation, selection of systems and sub-systems of Infantry Combat Vehicles, preparation of documents for technical bid, manufacturing process of Infantry Combat Vehicles,

testing, preparation of quality documents and commissioning of Futuristic Infantry Combat Vehicle (Tracked) Gun Version or similar combat vehicle.

**Note:**

Prospective Consultant(s) shall take the responsibility for transfer of know how in the area of Design, Engineer, Manufacture and testing of Futuristic Infantry Combat Vehicle (Tracked) Gun Version for Indian Army to BEML Ltd., within the specified timeframe.

**4.4 Instructions:**

**4.4.1** The interested Prospective Consultant(s) should submit their response(s) along with enclosed annexures on or before **Date 24.05.2024**, (24<sup>th</sup> May 2024)

**Annexure-1:** Indicative Scope of Work

**Annexure-2:** Prospective Consultant's Experience in the field of Futuristic Infantry Combat Vehicle (Tracked) Gun Version for Indian Army

**Annexure-3:** General technical specifications of Futuristic Infantry Combat Vehicle (Tracked) Gun Version for Indian Army

**4.4.2** The response shall necessarily be accompanied with following details:

1. Company background
2. Services offering
3. Experience details
4. Reference list of customers

**4.4.3 Language:** All correspondences and documents related to the EoI response shall be in English language, provided that any printed literature furnished by the Prospective Consultant(s) may be written in another language, as long as such literature is accompanied by a translation of its pertinent passages in English language in which case, for purposes of interpretation of the bid, the English translation shall govern.

**4.4.4** The Prospective Consultant(s) shall abide by the terms & conditions, as applicable, of the EoI.

**4.4.5** All pages of the response against this EoI shall be duly signed by the authorised signatory.

**4.4.6** Multiple proposals from the same Perspective Consultant should not be submitted.

**4.4.7** BEML Ltd., at its discretion shall inspect the Prospective Consultant's



works/office/reference site premises for the purpose of evaluation, as deemed necessary before selection of consultant. BEML Ltd., decision in this regard shall be final.

**4.4.8** Any Prospective Consultant which has been debarred/blacklisted by Central/State Governments of India or by any entity controlled by Central/State Governments of India from participating in any of their project, as on date of submission of Eol, shall not be eligible to submit the Eol.

**4.4.9** BEML Ltd., shall receive applications pursuant to this Eol in accordance with the terms set forth herein, as modified, altered, amended and clarified from time to time by BEML Ltd., and all applications shall be submitted in accordance with such terms on or before the date specified in this Eol for submission of applications.

*In case any amendment/corrigendum to this Eol is issued, it shall be notified only at [www.bemlindia.in](http://www.bemlindia.in)*

#### **4.5 PROCESS TO BE CONFIDENTIAL:**

Information relating to the examination, clarification, evaluation and comparison of Eol and recommendations shall not be disclosed to Prospective Consultant(s). Any effort by Prospective Consultant(s) to influence BEML Ltd., in processing of Eol or selection decisions may result in the rejection of the response against Eol.

#### **4.6 GOVERNING LAWS & JURISDICTION:**

The Eol process shall be governed by, and construed in accordance with the laws of India and the Courts at Bangalore (India) shall have exclusive jurisdiction over all disputes arising under, pursuant to and / or in connection with the Eol process.

**Annexure-1**

**Indicative Scope of Work**

<b>Sl. No.</b>	<b>Description</b>
(a)	Finalising the equipment specification.
(b)	Guidance and support for the preparation of Pre-bid queries for submission of Stage I documents.
(c)	Guidance and support for the preparation of Stage I documents for the submission of Technical Bid.
(d)	Coordination for identification of right sources for individual systems & sub-systems and selection of components as per RFP requirement.
(e)	Verification of the proneness of the components/systems from the suppliers and verification of relevant documents.
(f)	Review of conceptual design.
(g)	Review of Final design.
(h)	Preparation of Quality System Documentation for Design and Manufacturing, including Quality Assurance Plan (QAP).
(i)	Formulating quality documents for Third Party Inspection
(j)	Preparation of quality documents for Field trials post Technical Evaluation Committee clearance.
(k)	Technical support for Defect investigation/Failure Analysis during/after field trials.
(l)	Follow up/coordination with CQA and other agencies
(m)	NATO codification and documentation.

**Annexure-2**

**Prospective Consultant's Experience in the field of Consultancy support for FICV(Tr)**

Sl. No	Requirement	Prospective Consultant's response YES/NO and remarks, if any
(a)	Whether the Prospective Consultant have already worked for similar consultancy services for other OEMs for the development of Futuristic Infantry Combat Vehicle (Tracked) Gun Version for Indian Army or similar Combat Vehicle.	
(b)	Whether documentary evidence to substantiate the below PQRs has been submitted by Prospective Consultant:	
	The Prospective Consultant(s) should have experience in design validation, selection of systems and sub-systems of Infantry Combat Vehicles, preparation of documents for technical bid, manufacturing process of Infantry Combat Vehicles, testing, preparation of quality documents and commissioning of similar combat vehicle.	
(c)	Whether Prospective Consultant's detailed reference list have been enclosed.	
(d)	Whether Prospective Consultant's annual audited financial reports for last 3 years have been enclosed.	
(e)	Whether customers (end users) letters / documentary evidence for satisfactory operation of model for Futuristic Infantry Combat Vehicle (Tracked) Gun Version or similar combat vehicle for which the Consultant have given the consultancy service is enclosed.	
(f)	<p>Consultant should have experience in system integration of following systems of Combat vehicle. Experience in 03 &amp; more systems are preferable</p> <ol style="list-style-type: none"> <li>1. Hull Design with Composite material for weight optimization</li> <li>2. Power pack integration &amp; cooling system design</li> <li>3. Sighting system selection &amp; integration from global OEM's</li> <li>4. Turret system selection &amp; integration from global OEM's</li> <li>5. Main armament-Gun control system &amp; coaxial gun</li> <li>6. ATGM system selection &amp; integration from global OEM's</li> <li>7. Situational awareness system selection &amp; integration</li> <li>8. Blue force tracking system selection &amp; integration</li> <li>9. Fire control System selection &amp; integration</li> <li>10. Communication system selection &amp; integration</li> </ol>	

**Signature & Seal:**

Authorised Signatory of the Prospective Consultant

**Annexure-3**

**Tenure of the consultant service**

<b>Tenure</b>	Initially two years from the date of appointment of consultant. Subsequent extension for additional one year or until project completion whichever is earlier. However, extension of tenure will be at the discretion of BEML Ltd., management.
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Note :

Submission of the EOI

The Eol shall be submitted before 17:00 hours of **24.05.2024** through email only mentioning Eol reference: **NBDD(Def)/FICV/2024/Tech. Consultant** in Subject to **bemleoi@bemltd.in**

Technical queries if any, may be forwarded to [madhusudhan.bh@bemltd.in](mailto:madhusudhan.bh@bemltd.in) with cc to [bemleoi@bemltd.in](mailto:bemleoi@bemltd.in)  
**Contact Ph:** 7406897591