

**BEML LIMITED**

(A Govt. of India Mini Ratna Company under Ministry Of Defence)  
BANGALORE COMPLEX, POST BOX: 7501, NEW THIPPASANDRA POST,  
BANGALORE-560075

**NOTICE INVITING TENDER****Bid Invitation No : 6300039217****Date: 26-11-2024**

**Subject: Engagement of Design Verification Consultant/ Agency for Design verification activities for standard gauge High speed train project**

Quotations are invited from Original Equipment Manufacturer (OEM) for Railway Rolling stock having experience in design, manufacturing, testing and commissioning in accordance with the enclosed terms and conditions by the due date mentioned below”

Quotations should be submitted online (E-mode) in BEML SRM portal in Two-Bid system as below:

- 1) Technical Bid**
- 2) Commercial Bid**

**Enclosure : As above.**

**Note: - The tender consists of 48 no. of pages including this page.**

Please note that bidder should be having a **valid Class-III Digital Signature Certificate** issued by authorized Certifying Authority to submit bid in our SRM e-Procurement system. Interested bidders can contact BEML through e-mail: [admin.srm@beml.co.in](mailto:admin.srm@beml.co.in) to obtain the username & password for submitting the quotations In case of any queries, you may contact BEML SRM Team on phone no. **080-22963269**.

Dy General Manager

Materials Management

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### **DETAILS OF THE TENDER**

1. This "Notice Inviting Tender" hereinafter referred to as the 'NIT' is designated as the tender for **Engagement of Design Verification Consultant/ Agency for design verification activities** for standard gauge high speed train project.
2. The Bidders are advised to carefully go through the General Terms and Conditions that has been enclosed along with this NIT.
  - a. All entries in the NIT shall be in English either typed or written legibly. Erasing, over-writings and use of correction fluids are not permitted. All cancellations and insertions if any should be duly signed / attested by bidder concerned.
  - b. All the documents shall be uploaded in SRM Platform.
  - c. In case, it comes to the knowledge of BEML that the bidder has submitted false information before awarding of contract then the offer would be rejected.
  - d. In the event, it comes to the knowledge of BEML that the successful bidder has submitted false information, subsequent to the award of contract, the contract shall be cancelled/short closed by the company and shall invoke Risk purchase clause with liabilities on such bidder for the entire contract quantity.
3. In case any person/persons, Company, firm, Associations having any litigation, arbitration cases between themselves and BEML Ltd, pending before any court of law/ Arbitrator shall not be eligible to participate in this tender.
4. Non-compliance with any of the tender conditions, incomplete offers, conditional and ambiguous offers are not acceptable and liable for rejection.
5. BEML reserves the right to accept or reject all tenders or any tender in part or full without assigning any reasons thereto, which is final & binding on the Bidder.
6. **The tender consists of two parts as indicated below:**

Sl. No.	Nature of Bid	Mode of Submission	Details
1	<b>Technical Bid</b>	<b>SRM platform</b>	<ul style="list-style-type: none"> <li>Integrity pact filled, signed with 2 witnesses.</li> <li>Clause by Clause Compliance to BEML PTS/ Drawings, Qualification Criteria</li> <li>Clause by Clause compliance to General terms &amp; conditions of NIT.</li> <li>Confidentiality agreement</li> <li>MII (Make in India) declaration.</li> <li>Compliance to Land Border Clause</li> <li>Compliance to submission of Non-Disclosure Agreement</li> </ul>
2	<b>Commercial Bid</b>	<b>SRM platform</b>	Price details in specified field on SRM platform. Evaluation is based on the total bid value

**7. Details of Items & Services:**

SI No	Part No	Description /PO text	Tendered Quantity	UOM
1	---	Engagement of Design Verification Consultant/ Agency for design verification activities for standard gauge high speed train project	1	AU

**8. Required Delivery Schedule: ( As Per PTS )**

1) The contract key dates for the design and development activities are as below and shall be adhered to:

- a) Completion of Design Verification of Conceptual Design: 14th Mar, 2025
- b) Completion of Design Verification of Preliminary design: 30th July, 2025
- c) Completion of Design Verification of Detailed design: 15th Nov, 2025

The above contractual key dates are to be consider as “dates of completion” which may vary

**PRE BID MEETING**

Pre-bid meeting will be organized on **02-12-2024 @ 10 a.m** at the below address

**BEML Limited**  
**New Thippasandra**  
**Bangalore - 560075**

Interested Bidders may please attend the Pre-bid meeting.

- Email ids for correspondence : [srinivasan.r@bemltd.in](mailto:srinivasan.r@bemltd.in) / [prasanna.n@bemltd.in](mailto:prasanna.n@bemltd.in) / [mahanthesh.gm@bemltd.in](mailto:mahanthesh.gm@bemltd.in)
- Any Pre bid queries/clarifications may be sent to the above mail ids 1 day prior to Pre bid meeting.
- It is suggested that all the interested bidders may participate in the pre-bid meeting & obtain all the clarifications before submitting the bids.
- Any modification of tender conditions which may become necessary as a result of the pre-bid meeting, shall be made by BEML and the same will be intimated in SRM portal.
- All Corrigenda, Addenda, Amendments, Clarifications etc, if any issued shall be part of the Bidding documents. Prospective Bidders shall sign the same with seal and upload as a part technical bid

### SUBMISSIONS OF TECHNICAL BID

<p>Technical Bid submission Conditions</p>	<p><b><u>TECHNICAL BID (Without Price/Price Details)</u></b> shall be uploaded and submitted in the SRM platform, wherein only technical Bid /technical information in SRM platform shall be uploaded as indicated below:</p> <ol style="list-style-type: none"> <li>Bidders should upload duly filled, signed &amp; stamped with two witnesses in Integrity Pact <b>[Appendix-A]</b>.</li> <li>Bidders to refer BEML Procurement Technical Specification (PTS) <b>No : FPIIC/TD/HSR0001 Dated 18-11-2024, ICF MD SPEC-447</b>, ISSUE status-01, Rev. Draft dt. 05.09.2024 and <b>Amendments to ICF/MD/SPEC-447</b> issued by NHSRCL, document No. NHSRCL- CO/MA/RS/01/IHSRS/2434/.1/OHQ16980 dtd. 20.09.2024, enclosed along with this tender document.</li> </ol> <p>Bidders should upload the following documents duly filled, signature &amp; stamped under technical bid.</p> <ol style="list-style-type: none"> <li>Clause by Clause Compliance to PTS : <b>FPIIC/TD/HSR0001 Dated 18-11-2024</b> <b>[Appendix-B]</b></li> <li>Bidder to upload enclosures related to technical &amp; other information deemed appropriate in respect of this tender on the letter head of the company, if any.</li> <li>Photographs / Drawings if any, may be uploaded.</li> </ol> <ol style="list-style-type: none"> <li>Bidders to refer “<b>GENERAL TERMS AND CONDITIONS (GTC)</b>” enclosed along with this tender document and upload following documents duly filled, signature &amp; stamped under technical bid. <ol style="list-style-type: none"> <li>Clause by clause compliance of GTC duly filled, signature &amp; stamped along with the supporting documents as specified therein. <b>[Appendix-C]</b></li> <li>Confidentiality agreement filled &amp; signed in plain paper <b>[ Appendix-E]</b></li> <li>MII (Make in India), Local content declaration <b>[Appendix-F]</b></li> <li>Compliance to Land Border Certificate Clause <b>[ Appendix-G]</b></li> <li>Compliance to Submission of Non-Disclosure Agreement. <b>[ Appendix-H]</b>.</li> </ol> </li> </ol> <p>BEML at its sole discretion reserves the right to seek the hard copies of the documents which are already been uploaded in SRM, through Courier / post pertaining to technical bid of this tender enquiry at a later date, if required.</p> <p>- In such cases, only the documents uploaded in SRM platform in original has to be couriered at the request of BEML. Any irrelevant documents furnished through courier will not be considered.</p>
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**SUBMISSION OF COMMERCIAL BID****COMMERCIAL BID**

The price bid to be submitted through SRM Portal. The following details are to be entered in the SRM Portal.

**Table (1)**

Sl	Part No	DESCRIPTION	Total Qty	Unit Price	Extended Value
1	---	Engagement of Design Verification Consultant/ Agency for design verification activities for standard gauge high speed train project	1 AU	<p>This is Format for reference only.</p> <p>Commercial bid document should not be enclosed during Technical Bid Submission.</p> <p>If uploaded the Quotation submitted by bidder will be liable for rejection without any discretion.</p>	
<b>Grand Total</b>					

**Note:**

1. Bidder has to quote for all the items. Commercial evaluation will be based on total bid value.
2. Reverse Auction will be conducted if minimum two technically accepted offers are received and Reverse Auction will be as per BEML norms.
3. L1 will be determined based on the Grand Total of Table (1). The bidder whose offer is lowest will be considered as L1.
4. The commercial bids of the vendors will be opened subject to technical acceptance based on Technical bid evaluation.

**[ANNEXURE-I]****GENERAL TERMS & CONDITIONS (GTC) FOR PROCUREMENT OF MATERIALS:****1. DEFINITIONS & INTERPRETATIONS**

- 1.1 The Purchaser' means "(include company name and address)" (A Government of India Undertaking) incorporated under the Companies Act having its registered office at "BEML Soudha, No 23/1, 4<sup>th</sup> main, S.R. Nagar, Bengaluru – 560027" and shall be deemed to include its successors and assignee.
- 1.2 Supplier' means a person having been included in a contract as a Contractor and also means a firm or company with whom the order for supply/execution of work is placed and shall be deemed to include the supplier's successors, (approved by BEML Ltd.,) representatives, heirs, executors and administrators. The supplier may also be referred to as the supplier, Contractor or vendor.
- 1.3 Parties to the Contract' shall mean the Supplier and the Purchaser as named in the main body of the Purchase Order.
- 1.4 Tender' means and includes quotation, invitation to tender and all other documents like drawings, specifications, quality plan, etc that form part of the tender document.
- 1.5 Acceptance of Tender' Means the letter of memorandum communicating supplier, the acceptance of the Tender and includes advance acceptance of this tender.
- 1.6 Purchase Orders / Contract' means and includes the invitation to tender, instruction to Tenderers, acceptance of tender, Letter of intent / letter of award, the general terms and conditions of Purchase Order / contract, special conditions of Purchase Order /contract, particulars, descriptions, specifications, schedule of prices, quantities, quality plan, drawings enclosed and other condition specified in the acceptance of tenders and includes the repeat order which has been accepted or acted upon by / for the supplier for the supply of stores and includes an order for performance of service and includes amendments, if any, that may take place subsequent to the discussions, negotiations, mutual agreement if any.
- 1.7 Stores / Materials / Services' means the goods or services as described in Procurement Technical Specification (P.T.S.) and in the Purchase Order which the supplier has agreed to supply under the Purchase Order.
- 1.8 Specification means technical specifications of the Equipment / Material as set forth in Procurement technical specification (PTS) / technical drawings, which is part of tender
- 1.9 End-Customer / End-user means: ICF / Indian Railways / Rolling Stock Corporations.
- 1.10 Words in singular include the plural & vice-versa.
- 1.11 Words imparting the masculine gender shall be taken to include the feminine gender and words imparting persons shall include any firm, company or associations or body of individuals whether incorporated or not.
- 1.12 The heading of these conditions shall not affect the interpretations or construction thereof of the contract.



## 2. SUBMISSION OF THE TENDER:

### **Tender is in TWO-BID system (Technical & Commercial Bid)**

Bids should be submitted online mode only as follows:

#### **a) Submission of Technical bid (without price):**

- i. The Bidder should upload all the requisite technical documents along with respective supporting documents and other information deemed appropriate in respect of the Tender.
- ii. The price details/commercial bid details should not be given in the Technical bid. If any of the bidder have given any price/commercial details in the Technical bid, their offer is liable for rejection and will not be considered.
- iii. Technical Bid will be opened on (date and time of bid opening) and the commercial Bids of those bidders whose technical bid is accepted only will be opened later.

#### **b) Submission of Commercial bid:**

- i. The commercial bids of the vendors will be opened subjected to technical acceptance of offers only.
- ii. Price details in specified field on SRM platform to be submitted.
- iii. If dealers are submitting the bids in place of OEM, Dealer should submit Authority letter from manufacturer.
- iv. BEML reserves its right to reject a tender due to unsatisfactory past performance in the execution of a contract at any of BEML projects / units.
- v. Bidders participating in the tender should declare in their offer that whether they have been black-listed / kept on hold for a specified period / given Business holiday for a specified period by any Public sector undertaking or Government departments. The reasons for such action with details and the current status of such hold shall be furnished to BEML.
- vi. In case any person/persons, Company, firm, Associations having any litigations, arbitration cases between themselves and BEML Ltd, pending before the Court / Arbitrator or initiated litigations/arbitrations in connection with any contract / tender issued by BEML Ltd and any contractor has defaulted against the BEML's orders are not eligible to participate in this tender.
- vii. BEML may decide to scrap the tender/refloat the tender without assigning any reasons thereof before LOI/PO is committed. BEML reserves the right to accept, split, divide, negotiate, cancel or reject any tender or reject all tenders at any time prior to the award of the contract without incurring any liability to the affected tenderers or any obligation to inform affected tenderer, the grounds of such action.
- viii. BEML reserves the right to verify, in its sole discretion, any information given by the bidders independently through any third party agencies. During this process, if it is found that any of the information given by the bidder is false / misleading, offers of such bidders would be out rightly rejected.
- ix. BEML also reserves the right to independently assess the capability and capacity of the bidder for execution of the order/contract. BEML's decision on any matter regarding short listing of bidders shall be final.
- x. The RFx / Notice Inviting Tender is not an offer or a contract.

- xi. Bidders will not be compensated or reimbursed for the costs incurred in preparing Proposals. Proposals shall become BEML property.
- xii. BEML's decision is final for Evaluation of the offers.

### 3. PURCHASE PREFERENCES:

**Preference to Make in India products:** Preference shall be given to Class-I local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products.

The 'Class-I local supplier (Local content more than 50%) / Class-II local supplier (Local content more than 20% less than 50%) at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for Class-I local supplier / Class-II local supplier, as the case may be. They shall also give the details of the location(s) at which the local value addition is made.

**In cases of procurement for a value in excess of Rs.10 crores, Class-I local supplier / Class-II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving percentage of local content.** Bidders to upload signed & sealed [ **Appendix - F**]

**Preference to Micro and small Enterprises (MSEs):** Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) & as per SRM guide lines is applicable.

- 4. **SUPPLIERS SHARING LAND BORDER WITH INDIA:** Public Procurement Division order vide F.No. 6/18/2019-PPD dated 23.07.2020 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products, shall be applicable for bidders / suppliers sharing land border with India. Bidders to upload signed & sealed [ **Appendix - G** ], in compliance to Annex- III of the said Order.
- 5. **DELIVERY TERMS:** F.O.R (Free on Road), BEML Bangalore complex. Freight & transit insurance to supplier's account.
- 6. **PAYMENT:**

Payment will be made in 4 stages as follows:

**Stage1:** 10% of value including GST shall be paid on 30th day from the date of completion of work (Conceptual Design Review) duly certified by BEML R&D.

**Stage2:** 20% of value including GST be paid on 30th day from the date of completion of work (Preliminary Design Review) duly certified by BEML R&D.

**Stage3:** 20% of value including GST be paid on 30th day from the date of completion of work (Detailed Design Review) duly certified by BEML R&D.

**Stage4:** 50% of balance value including GST be paid on 30th day from the date of successful testing & commissioning of 1st trainset & submission of all documents duly certified by BEML R&D.

Bidders to indicate the category of their firm under Micro/Small/Medium/Major industries with necessary documentary proof of evidence for purpose of evaluation and our data updation.

**The payment is further subject to the following:**

- a) The Invoice shall be compliant with GST laws.
- b) GST liability is to be discharged and ensure filing of outward supply details on GSTN portal within timeline prescribed.
- c) Any debit note/supplementary invoice if any, is to be raised within September month following the respective financial year of filing of annual return by BEML, whichever is earlier.
- d) Any loss of tax credit due to the reason attributable to supplier shall be recovered from supplier along with applicable interest and penalty.
- e) Bidders to indicate the GST and other levies applicable. GST shall be paid only after confirmation of payment of GST by vendors on GST Website.
- f) Relevant TDS / TCS as applicable shall be deducted as per prevailing Income Tax / GST / GOI notifications.

**7. PRICE BID VALIDITY:** The Bid should be valid for 180 days from the date of tender opening. BEML's acceptance of the tender at the quoted / negotiated rates will be binding on the tenderer during the tenure of contract.

**8. FIRM PRICE**

The prices remain firm for the entire supplies of the purchase order and no escalation shall be entertained under any circumstances. The prices are to be firm & no increase in finalized price will be entertained after awarding contract during the period of Contract for any reasons whatsoever.

**9. INSPECTION:** By BEML/BEML NOMINATED AGENCY/ICF/ICF NOMINATED AGENCY

**10. WARRANTY:**

- a) The supplied goods/stores to the purchaser under the contract shall be of the highest grade, free of all the defects & faults in material and of the best quality, manufacture and workmanship and consistent with the established and generally accepted standards for materials of the type ordered and in full conformity with the contract specification, drawing or sample, if any and shall, if operable, operate properly throughout warranty period.

Any defect/fault & non-conformance to standards & descriptions as aforesaid, found during warranty period shall be rectified /repaired/replaced free of cost & at supplier's risk to the complete satisfaction of BEML / End user, within reasonable time at the ultimate destination.

The said goods/stores shall be warrantied /guaranteed **for a period of 30 months from the date of placement of trains into service.**

In case of any contradiction in the terms and condition with respect to warranty appearing in Indian Railway standard (IRS) condition of contract and specifications, the later will prevail

- b) **Guarantee / Warranty replacement:**

Guarantee / Warranty replacement shall be dispatched on "F.O.R – BEML Stores / designated destination" basis for replaceable items during warranty period.

- c) The provisions of this Warranty shall be without prejudice to and shall not be deemed or construed so as to limit or exclude any rights or remedies which the BEML may have against the supplier, whether in tort or otherwise.
- d) If any defect or damage is one requiring immediate attention from safety / environmental view point / operational viewpoint, the BEML has the authority to proceed with rectification in any manner suitable and deduct such sums from the suppliers Bill or purchase order whichever is active.

**11. PERFORMANCE BANK GUARANTEE (PBG):** [as per ICF tender No 0824012 subject to ICF PO finalization]

- a) Firm shall submit Performance Guarantee for amount equivalent to 10% of the Contract value. This performance guarantee shall be in the form of Bank Guarantee executed and submitted through any scheduled commercial Bank authorized by RBI. **The Performance bank guarantee shall be valid up to Warranty period plus 6 months claim period.** Format for PBG is attached as Appendix- D for reference.
- b) PBG shall be returned back only after completion of warranty period from date of last supply and if there is no defect /failure/negligence on part of contractor, complaints and / or any claims notified to the contractor within expiry of such date.
- c) The performance bank guarantee has to be furnished by the supplier as per prescribed format covering the entire supplies to be made against this order within 60 days from the date of receipt of purchase order from BEML but not later than 30 days before commencement of supplies pertaining to first delivery schedule indicated in the purchase order.
- d) In the absence of performance bank guarantee to be submitted by the supplier as per contract terms, BEML will not open Letter of Credit (LC) in the cases of LC in favor of supplier pertaining to the shipment / stores to be supplied as per first delivery schedule indicated in the purchase order. Any delay in submission of performance bank guarantee by the supplier, the subsequent delay in opening in Letter of Credit by BEML and supplies to be effected by the supplier are to the account of the supplier, which attracts liquidated damage charges as per contract terms.
- e) No claim shall lie against BEML Ltd., in respect of interest on cash deposits or Govt. Securities depreciation thereof.
- f) BEML shall be entitled to and it shall be lawful on its part to encash the Bank Guarantee in whole or in part in the event of any default, failure or neglect on the part of the supplier in the fulfillment or performance in all respect of the Purchase Order.
- g) The Bank Guarantee shall be established through **Structured Financial Messaging System (SFMS)** mode from a Scheduled Commercial Bank authorized by RBI in India as defined by RBI.
- h) A separate copy of the BG has to be sent by the issuing bank to the Purchaser's bank through SFMS. The details of Purchaser's bank are as under:

**STATE BANK OF INDIA**  
**Overseas Branch, No.65,**  
**St. Marks Road,**  
**Bangalore – 560001**  
**IFSC Code: SBIN0006861**

- i) Following codes are to be used by issuing bank for the purpose of Confirmation and amendment in Bank Guarantees:

Code	Purpose
MT760	Confirmation of Bank Guarantee
MT767	Amendment in Bank Guarantee

- j) Bank Guarantee issued on the SFMS platform with any other code other than mentioned above for the purpose shall not be acceptable to the Purchaser.
- k) The Bank Guarantee validity shall be extended as required till the completion of all contractual and warranty obligations in Full.
- l) In case BEML is constrained to extend the Performance Bank Guarantee beyond the warranty period submitted to its customer due to the failure of aggregates attributable to the supplies made by the bidder then the costs involved to BEML for such PBG extensions shall be borne by the supplier.

## **12. RIGHT TO VARY QUANTITIES &-QUANTITY OPTION CLAUSE:**

- a) *Purchaser shall be entitled to increase the order quantity by 50 percent anytime during the currency of the contract, such that the contractor has reasonable time/notice for executing such increase.*
- b) BEML reserves the right to increase or decrease the quantity specified in the schedule of requirements without any change in the unit price or other terms and conditions within the agreed delivery schedule.

## **13. LIQUIDATED DAMAGES CLAUSE:** [ as per ICF tender No 0824012 subject to ICF PO finalization]

If the contractor fails to deliver the stores or any consignment thereof within the period prescribed for such delivery, BEML shall be entitled at their option to accept the delayed supply and to recover from the supplier as agreed liquidated damages, and not by way of penalty, a sum of 0.5% of the price of any stores per week subject to a maximum of 10% of the value of the purchase order which the supplier has failed to deliver as aforesaid for each week or part thereof during which the delivery of such stores may be in arrears.

The LD will be charged on the value of the affected delivery schedule excluding statutory levies, freight and insurance wherever not included in the price.

## **14. RISK PURCHASE CLAUSE:**

The time and the date of delivery of the stores stipulated in the PO shall be deemed to be the essence of PO and delivery must be completed not later than the date specified therein. Shall the supplier fail to deliver the stores or any consignment thereof within the period prescribed for such delivery, BEML shall be entitled at their option either;

- a. To purchase elsewhere, without notice to the supplier on the account and at the risk and cost of the supplier the stores not delivered or other of a similar description (where stores exactly complying with the description and readily procurable) without cancelling the PO in respect of consignment not due for delivery

**or**

- b. To cancel the purchase order.

In the event of action being taken under clause (a) or (b) above, the supplier shall be liable for any loss, which BEML may sustain on that account but the supplier shall not be entitled to any gain or purchases made against default. As soon as it is apparent that the scheduled dates cannot be adhered to, an application shall be sent by the supplier to BEML, well before the expiry of the delivery period specified in the purchase order. Without prejudice to the foregoing rights, if such failure to deliver in proper time as aforesaid shall have arisen from any cause which BEML may admit as a reasonable ground for an extension of the time (and their decision shall be final) they may allow such additional time as they may consider justified by circumstances of the case. Delivery required to be made in lots shall be made in lots only and any extra deliveries involved either on account of repeated rejections or variance in supply of lots shall be liable for service charges of 5% of the purchase order value for each extra delivery.

#### **15. SECRECY AND CONFIDENTIALITY:**

- a) All the information, know-how, technical data, specification and drawing models or specimens furnished by BEML for the purpose of or in connection with the manufacture and supply of the stores hereby tendered constitute the property of BEML and the supplier shall keep them in strict confidence and he shall not divulge the same to anyone else except under the authority and for the purpose of BEML. All such documents, data, drawing, models and specimens are the property of BEML and shall be returned when done with or when demanded by BEML.
- b) The supplier shall not supply the components / spares exclusively manufactured for BEML with the Technical Data / Specifications / assistance furnished by BEML and shall not disclose my initiations, development of adaptations thereof to anyone else except with the written consent of BEML.
- c) BEML shall be entitled to prevent breach of the above and to claim damages in case of any breach. It is hereby mutually agreed that for breach of this agreement the Vendor shall pay, without actual proof of damages, a liquidated amount of Rs. 1.00 Crore (Rupees One Crore only).

Confidentiality agreement is attached as **Appendix E**.

#### **16. AUTHORITY OF PERSONS SIGNING DOCUMENT**

A person signing the tender or any other document in respect of the Purchase Order shall be deemed to have power to do so on behalf of the Supplier.

#### **17. ACCEPTANCE OF ORDER**

The supplier shall send Order Acceptance within two weeks from the date of LOI / LOA / Purchase Order or such other period as specified / agreed by the Purchaser. Purchaser reserves the right to revoke the order placed if the order confirmation differs from original Purchase Order placed and the Purchaser shall only be legally bound after it has agreed explicitly in writing to be in agreement with the deviation. The acceptance of deliveries or supplies by Purchaser as well as payments made in this regard shall not imply acceptance of any deviations. The Purchase Order in whole shall be deemed to have been accepted if supplier failing to communicate is received within two weeks.

#### **18. OTHER CONDITIONS**

- a) Refer BEML Purchase Manual (can be accessed in BEML website [www.bemlindia.in](http://www.bemlindia.in)) for Important terms and conditions of tender and General Terms & conditions applicable to contracts & purchase orders refer General Terms & Conditions

- b) The firm shall take necessary permission for their employees to enter the factory premises and the firm shall arrange ESI & PF coverage to their employees/labourers if any from their end. The firm shall indicate ESI NUMBERS for the labourers hired or employed in advance in order to prepare work permit inside the factory.
- c) BEML will not have any kind of binding towards the compensation on case of injury / death to the firms employees while working in BEML premises or other wises.
- d) BEML will not have any kind of binding on damages or loss to the tools/instruments etc. brought by the firm for commissioning purpose.

**19. PRICE, INVOICING AND PAYMENT:** The agreed prices are fixed prices in the currency as specified in the Purchase Order. They shall include packing, forwarding, loading and carriage to the place specified by the Purchaser and are inclusive of all applicable taxes, duties etc. except for those specifically agreed between the supplier and purchaser. The method of invoicing shall be without prejudice to the parties; agreement as to the place of performance. Invoices shall be submitted bearing the Purchase Order number & date, item number / s and supporting documents as called for in the Purchase Order.

As soon as each shipment is made in line with the delivery schedule specified in the purchase order, the supplier shall send **one set of Original documents and three (3) sets of photocopies** each of the following documents to the address indicated below by courier service.

- i. Commercial Invoice
- ii. Delivery Challan
- iii. Packing List
- iv. BEML's Inspection clearance document(s), material test certificates and other applicable quality documents pertaining to the supplies.

**Postal Address**

The Deputy General Manager,  
BEML, Bangalore Complex,  
PB No.7501, New Thippasandra post,  
Bangalore, Karnataka, India,  
Postal Code - 560 075

**20. PROGRESS REPORT:**

The supplier shall regularly inform the progress of work and in such form as may be called for by the Purchaser from time to time. The submission and acceptance of such reports shall not prejudice the rights of the Purchaser in any manner.

**21. QUALITY & WORKMANSHIP**

The stores supplied shall be of the best quality and Workmanship shall be in strict conformity with all the drawings and specifications furnished with the Purchase Orders and shall answer to the description in all respects. All supplies shall be accompanied by supplier's works inspections / test certificates duly certifying, the Stores are in strict conformity with the drawings / specifications. However, final acceptance will be subject to inspection and approval at BEML works. Once the materials are rejected and communicated to the supplier, no request shall be entertained for re-

inspection or acceptance of the stores. However, BEML reserves the right to re-inspect the stores and consider acceptance at its discretion.

- 22. QUALITY, CONDITION OF DELIVERY:** The Supplier shall guarantee that the delivery is of good quality and free from all defects and in the case of services rendered that they are performed by skilled personnel and that new materials are used. The Supplier shall guarantee that the delivery corresponds exactly with the provisions of the agreement, the reasonable expectations of Purchaser regarding the characteristics, quality and reliability of delivery. The Supplier guarantees that the delivery is suitable for the purpose for which it is intended by its very nature or which is evident from the specifications listed and from the order.

The Supplier shall guarantee that the delivery complies with legal requirements applicable in India and other (international) Government regulations, as applicable. The Supplier guarantees that the delivery complies with legal requirements applicable in India and other (international) Government regulations, as applicable. The supplier shall guarantee that the delivery complies with the customary norms and standards in the relevant branch of trade or industry. The supplier shall be responsible for compliance with applicable technical, safety, quality, environmental requirements and other regulations in relation to his product, packaging, and raw and ancillary materials.

- 23. SUPPLY OF SAMPLE: (if applicable)** The Contractor shall produce samples of all materials and shall obtain approval before he places bulk order for the material for incorporation in the works. In respect of materials for which samples are not kept or detailed specifications is not given hereinafter, such materials shall comply with the latest relevant Indian Standard Specifications a published up to the date of issue of this tender. The Contractor shall on demand produce original receipts vouchers/invoices in respects of materials supplied by him.

**24. INSPECTION, TESTING & CONSEQUENCE OF REJECTION:**

The goods and stores shall be of approved design and each part /component may be inspected and tested by the Purchaser prior to shipment and shall fully comply with relevant requirements of purchaser.

Purchaser has the right to inspect the delivery. In the event of rejection, Purchaser shall inform the Supplier accordingly and Purchaser shall be entitled to replacement or repair at its discretion or may proceed to terminate or annul the agreement. All this does not affect Purchaser's right to compensation.

In case the goods / stores are rejected at the time of inspection at BEML or the rejections are notices at the time of further processing the supplier will be informed of these rejections. On receipt of this information the supplier shall immediately arrange to collect the rejected items at his cost and risk and arrange for the replacement of goods within the shortest possible time. Under no circumstances the supplier shall compel the Purchaser to rework the rejected goods.

Wherever the supplier has not collected the rejected items within 60 days from the date of intimation, BEML shall have the right to dispose the goods and all cost related to the cost of material, statutory levies incurred both in procurement and disposal shall be recovered from the supplier from any of the bills that are due. The supplier shall have no claims whatsoever against the Purchaser for such disposal.



Purchaser or his authorized representative shall be entitled at all reasonable times during execution to inspect, examine and test at the Supplier's premises the material and workmanship of all stores to be supplied under the Contract, and if the part of the stores are being manufactured at other premises the Supplier shall obtain Purchaser's or his authorized representative's permission to inspect, examine and test as if the said stores are being manufactured at the Supplier's premises. Such inspection, examination and testing, if made shall not release the Supplier from any obligation under the Contract.

All costs related to inspections and re-inspections shall be borne by the Supplier. The cost of inspection staff / third party specified by the Purchaser shall be borne by Purchaser, unless otherwise specifically agreed. Whether the Contract provides for tests on the premises of the Supplier or any of his Sub-contractor/s, Supplier shall be responsible to provide assistance such as, labour, materials, electricity, fuels, stores, apparatus, instruments as may be required and as may be reasonably demanded to carry out such tests efficiently. Cost of any type test or such other special tests shall be borne by the Purchaser only if specifically agreed.

The supplier shall give the authorized representative of the Purchaser reasonable prior notice in writing of the date on and the place at which any stores will be ready for inspection / testing as provided in the Contract.

## **25. LAWS APPLICABLE**

Domestic laws both substantive and procedure, for the time being in force including modification thereto shall govern contract. The competent Domestic courts shall have sole jurisdiction over the disputes between the BEML and the supplier. The making of all stores supplied must comply with the requirements of Domestic Acts relating to trade and merchandise marks and all the rules made under such acts.

## **26. RAW MATERIALS ARRANSRMENT**

The supplier shall make his own arrangement to procure all raw materials required and BEML shall not be responsible for any assistance in such procurement or whatsoever.

## **27. IDENTIFICATION OF ITEMS / PIECES**

The supplier shall indicate / emboss / engrave, suitable identification marks (Viz. BEML stock number, supplier code number, batch no. etc.,) on each item/piece (or) on all components at convenient non-machinable place as per drawing, wherever applicable.

Also, shall indicate BEML part number, PO No. and date in all delivery documents, invoices and correspondence, wherever applicable.

## **28. PACKING AND MARKING**

- a) Packing to be in such a way that it should avoid transit/storage/handling damage.
- b) The supplier shall package the deliveries safely and carefully and pack them suitably in all respects considering the peculiarity of the material for normal safe transport by Sea / Air / Rail / Road to its destination suitably protected against loss, damage, corrosion in transit and the effect of tropical salt laden atmosphere. The packages shall be provided with fixtures / hooks and sling marks as may be required for easy and safe handling by mechanical means.

- c) The packing, shipping, storage and processing of the delivery must comply with the prevailing legislation and regulations concerning safety, the environment and working conditions. Items packed with raw / solid wood packing material shall be treated as per ISPM – 15 (fumigation) and accompanied by Phytosanitary / Fumigation certificate. If safety information sheets exist for a delivery or the packaging, the Supplier must always supply these sheets direct (at the same time).
- d) Supplier shall indicate approximate net weight, gross weight and dimension of the package to enable BEML to determine the mode of dispatch. The packing should withstand the weather conditions during transit. The packing should not damage the contents in the package while transporting and handling. The safety and handling precautions should be clearly marked on the packages. The packing should be easily transportable without any damage. Each consignment should have individual packing list.
- e) Marking shall include the following information in sequence on the frame commensurate with the size of package.

**To: M/s. BEML Limited, Bangalore Complex,  
New Thippasandra,  
Bangalore – 560075,  
Karnataka State, India.**

**Purchase order number:**

**Shipper's mark:**

**Package number:**

**Identification number:**

**Caution marks, if applicable:**

**Net weight, gross weight and cubic measurement, whichever is appropriate for the shipment.**

- 29. APPLICABLE LAWS AND JURISDICTION OF COURTS:** Indian laws both substantive and procedure, for the time being in force including modifications thereto, shall govern Contract. The competent Indian courts of shall have sole jurisdiction over disputes between purchaser and the Supplier.
- 30. JURISDICTION:** Courts of Bangalore alone shall have jurisdiction to decide any issue / dispute arising out of the Arbitration or this Purchase Order in exclusion of all other Courts. However, jurisdiction of any other court may be accepted by mutual discussion and agreement by and between BEML and the Supplier.
- 31. ARBITRATION:** Disputes if any, arising between BEML and the supplier in connection with this Purchase Order or any other matters connected herewith, the same will be mutually discussed and settled, failing which, the disputes shall be referred to a sole arbitrator to be appointed by BEML. The arbitration / proceedings shall be in accordance with the provisions of Arbitration and Conciliation Act 1996 and Rules framed there under. The place of arbitration shall be at Bangalore or any other place mutually decided by and between BEML and the supplier and all arbitration proceedings shall be conducted in English language. The award of the sole arbitrator shall be final and binding on all the parties.

**DURING ARBITRATION:** “Supplies under this Purchase Order, if reasonably possible, may continue by mutual agreement during the dispute / Arbitration proceedings”

**32. INTELLECTUAL PROPERTY RIGHTS; LICENSES:** If any Patent design, trademark or any other intellectual property rights apply to the delivery or accompanying documentation, Purchaser shall be entitled to the legal use thereof free of charge by means of a non-exclusive, worldwide, perpetual license. All intellectual property rights that arise due to the execution of the delivery by the Supplier and by its employees or third parties involved by the Supplier for performance of the agreement belong to Purchaser. The Supplier shall be obligated to do everything necessary to obtain or establish the above mentioned rights. The Supplier guarantees that the delivery does not infringe on any of the intellectual property rights of third parties. The Supplier shall also be obligated to do everything necessary to obtain or establish the alternate acceptable arrangement pending resolution of any (alleged) claims by third parties.

The Supplier shall defend and indemnify the BEML against any claims, costs or expenses incurred by reason of any infringement of alleged infringement of any letters, patent, registered design, trademarks or trade name by the use of sale of the stores / goods / material and against all costs or damages which the BEML may undergo in legal action for such infringement or for which the BEML may become liable in any such action.

The supplier shall at all times indemnify BEML and shall take all risk of accidents or damage which causes a failure of the supply. The supplier shall comply with the provisions of Contract Labour (Regulation and Abolition) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules 1971-as modified from time to time wherever applicable and shall also indemnify the Company from and against any claims under the aforesaid Act and the Rules.

**33. BRIBES AND GIFTS:**

Any bribe, commission, gift or advantage given, promised or offered by or on behalf of the supplier or his partner, agent or servant or anyone on his or their behalf to any officer, servant, representative or agent of BEML or any person on his or their behalf in relation to the obtaining or to the execution of or any other contract with BEML shall in addition to any criminal liability which the supplier may incur, subject the supplier to the cancellation of the PO and all other contracts with BEML and also to payment of any loss or damage resulting from any such cancellation to like extent as is provided in case of cancellation under **Clause-15** hereof. Any question or dispute as to the commission of any offence under the present clause shall be settled by BEML in such manner and on such evidence of information as they may think fit and sufficient and their decision shall be final and conclusive.

**34. FORCE MAJEURE CLAUSE:**

- a) Notwithstanding anything contained in the Contract, neither the Supplier nor the Purchaser shall be held responsible for total or partial non-execution of any of the contractual obligations, shall the obligation become unreasonably onerous or impossible due to occurrence of a 'Force Majeure' conditions which directly affect the obligations to be performed by the Purchaser or the Supplier. Such events include war, military operations of any nature, blockages, revolutions, insurrections, riots, civil commotions, insurgency, sabotage, acts of public enemy, fires, explosion, epidemics, quarantine restrictions, floods, earthquake, or acts of God, restrictions by Govt. authorities over which the Supplier or the acts on which the Purchaser has no control.

- b) The party claiming to be affected by Force Majeure shall notify the other party in writing without delay, within two weeks on the intervention and on the cessation of such circumstance. Extension of time sought by the Supplier along with supporting evidence and so granted by the Purchaser for the supply / work affected, if any, shall not be construed as waiver in respect of remaining deliveries.
- c) Notwithstanding above provisions, Purchaser shall reserve the right to cancel the order/ Contract, wholly or partly, in order to meet the overall delivery schedule and make alternative arrangements including arrangements with third party for completion of deliveries and other schedules. Purchase may takeover partly processed material at a mutually agreed price.

### 35. FALL CLAUSE

- a) The prices charged for the stores supplied under this P.O by the supplier shall in no event exceed the lowest price at which the supplier sells the stores of identical description to any other BEML Office / Division during the pendency of this PO.
- b) If at any time, during the said period, the supplier reduces the sale price of such stores or sells such stores to any other BEML Office / Division at a price lower than the price chargeable under this P.O and the price payable under this PO for the stores supplied after the date of coming into force of such reduction shall stand correspondingly reduced.

### 36. NON DISCLOSURE AND INFORMATION OBLIGATIONS:

The supplier shall provide Purchaser with all information pertaining to the delivery in so far as it could be of importance to Purchaser. The Supplier shall not reveal confidential information to its own employees not involved with the tender / Contract & its execution and delivery or to third parties. The supplier shall not be entitled to use the Purchaser's name in advertisements and other commercial publications without prior written permission from Purchaser.

**37. ASSIGNMENT OF RIGHTS AND OBLIGATIONS; SUBCONTRACTING:** The supplier is not permitted to sub-contract the delivery or any part thereof to third parties or to assign the rights and obligations resulting from this agreement in whole or in part to third parties without prior written permission from Purchaser. Any permission or approval given by the Purchaser shall, however, not absolve the supplier of the responsibility of his obligations under the contract.

**38. DIVISION OF PATRONAGE:** BEML at its discretion reserves to issued orders on 60:40 ratio basis or 50:30:20 basis, if required. BEML reserves the right to avail the price offered for full quantity of the tender or part thereof or ignore the offer completely without assigning any reason whatsoever.

### 39. INTEGRITY PACT:

The bidder / contractor should upload duly signed & stamped **Integrity Pact** (if the tender value is more than or equal to Rs.1.00 crore) as per prescribed format (**APPENDIX- A**) on plain paper as part of technical bid.

The bidder should put their authorized signature in the Integrity pact as a Contractor / bidder with their company seal along with witness's signature, name & address. **The agreement shall be in full as per format enclosed on a plain A4 size paper duly signed & stamped on all pages.**

The Integrity Pact envisages an agreement between the prospective tenderer and the buyer committing the persons/officials of both the parties not to exercise any corrupt influence on any aspect of the contract.

For the successful bidder, the integrity pact will remain valid up to 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

The Central Vigilance Commission (CVC) has appointed Shri Kasividyasagar & Shri Lt. Gen. Abhay Krishna as Independent External Monitor (IEM) to oversee the implementation of the Integrity Pact.

Address of IEM is as below:-

Shri Kasividyasagar, IAS (Retd.)

House no. 55,

Dream valley gated community,

Manikonda, Hyderabad – 500089.

Mobile no. +91 9771407778

Email : [kasividyasagar@gmail.com](mailto:kasividyasagar@gmail.com)

Shri Lt. Gen. Abhay Krishna , (Retd.)

4A-902, Gurjinder Vihar,

AWHO Township, Sector CHI-1

Greater Noida, UP - 201310

Mobile no: +91 9871234353

Email: [abhayabk@gmail.com](mailto:abhayabk@gmail.com)

#### 40. GST TERMS & CONDITIONS:

1. The Supplier is required to comply with all the applicable provisions of the GST Laws/Rules/Notifications/Circulars and to furnish required documents/details within the prescribed time limit to enable BEML to claim the benefits of GST Input Tax Credit or any other benefit.
2. The Supplier is required to furnish proper Invoice/Supplementary Invoice/Debit Note/Credit Note in the form and manner prescribed under GST Laws/Rules/Notifications/Circulars containing all the particulars mentioned therein and within the prescribed time limit as per prevailing GST Laws/Rules/Notifications/Circulars. In case of non-compliance by the Supplier, BEML shall not make any payment towards GST against such invoice until it is complied with within the timeline prescribed under GST Laws/Rules/Notifications/Circulars, and also subject to BEML being in a position to avail GST Input Tax Credit as per applicable GST Laws/Rules/Notifications/Circulars.
3. In case of discrepancy in the data uploaded by the Supplier in the GSTN portal or in case of any shortages or rejection in the supply, BEML will notify the Supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue Credit note (details to be uploaded in GSTN portal) for the shortages or rejections in the supplies, within the prescribed time limit to enable BEML to avail GST Input Tax Credit.
4. In case, the availment of GST Input Tax Credit by BEML is delayed for any reason other than those attributable to BEML, interest at applicable rate as prescribed under GST Laws/Rules/Notifications/Circulars for such delays shall be recovered from the Supplier.
5. In case Supplier delays declaring such invoice in his GST Return and GST Input Tax Credit availed by BEML is denied or reversed subsequently as per GST Laws/Rules/Notifications/Circulars, GST amount paid by BEML towards such reversal as per GST Laws/Rules/Notifications/Circulars shall be recoverable from Supplier along with applicable interest

If BEML has not paid/short paid to the Supplier for any invoices within the time limit prescribed under GST Laws/Rules/Notifications/Circulars due to non-compliance of GST Laws/Rules/Notifications/Circulars by Supplier or any other reason attributable to Supplier and leads to any GST Input Tax Credit reversal by BEML, any losses/expenses/cost/penalty, etc incurred by BEML shall be recoverable from the Supplier.

6. Wherever applicable, BEML will have the right to deduct “Tax Deducted at Source” at the rate prescribed under the GST Laws/Rules/Notifications/Circulars and to remit the same to the Government
7. In case of supplies made under Reverse Charge Mechanism, the Supplier needs to comply with the provisions under the GST Laws/Rules/Notifications/Circulars in terms of supply of Goods/Services and raising of invoice, so as to enable BEML to remit applicable GST to Govt., within the prescribed time limit and avail GST Input Tax Credit on the same. If the Supplier fails to comply with the above and as a result if BEML incurs any losses/expenses/cost/penalty, BEML shall be entitled to recover the same from the Supplier. Further the Supplier has to mention that “the liability of payment of GST amounting to Rs ..... is on the Recipient of Service” in the invoice raised on BEML.
8. The Supplier is required to comply with the E-Way Bill Provisions under GST Laws/Rules/Notifications/Circulars. If the Supplier fails to comply with the said provisions and as a result if BEML incurs any losses/expenses/cost/penalty, BEML shall be entitled to recover the same from the Supplier.
9. In case of materials/goods issued to Supplier for Job Work, the Job Work Supplier is required to return the goods within the time limit prescribed in the Purchase Order. If the Job Work Supplier fails to return the goods as above, BEML will be entitled to raise a GST Supply Invoice on the Job Worker Supplier with applicable interest as per the provisions of GST Laws/Rules/Notifications/Circulars. In such cases, BEML will be entitled to recover all such GST/interest on GST /losses/expenses/cost/penalty, etc. incurred by BEML along with interest from the Job Work Supplier. Further in such cases where the GST invoice has been raised by BEML, on return of such goods after the prescribed time limit, the Job Work Supplier needs to return the same under GST invoice.
10. The Supplier have the option to give one Bank Guarantee of appropriate value after considering his estimated value of GST involved in invoices raised on BEML instead of Bank Guarantee for each Contract/Invoice. In case of payment through LC, suitable provisions/clause will be inserted while opening LC to ensure compliances of above conditions. However, if at any point of time value of such Bank Guarantee falls short of GST plus interest thereof, Supplier will have to either furnish Bank Guarantee for Differential value or such shortfall value of Bank Guarantee vis-à-vis GST plus interest thereof shall be withheld till Suppliers fulfils its obligations specified under above clauses.

BEML will be entitled to recover all losses/expenses/cost/penalty, etc. incurred by BEML along with applicable interest from the Supplier due to reasons other than those attributable to BEML.

11. If the Supplier is a Composition/Unregistered Dealer, the Supplier needs to comply with the provisions under the GST Laws/Rules/Notifications/Circulars in terms of supply of Goods/Service and raising of invoice. In case, the Supplier fails to comply with the above and as a result if BEML incurs any losses/expenses/cost/penalty, BEML shall be entitled to recover the same from the Supplier along with applicable interest.

*(To be executed on plain paper and applicable for all tenders of value \_ Rs. 1 Crore and above)*

## **INTEGRITY PACT**

**Between**

**BEML Limited (BEML) hereinafter referred to as “The Principal”**

**And**

..... **hereinafter referred to as “The Bidder/Contractor”**

### **Preamble**

The Principal intends to award, under laid down organizational procedures, contract/s for

.....  
The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness / transparency in its relations with its Bidder(s) and / or Contractor(s). In order to achieve these goals, the Principal will appoint an independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

### **Section 1 – Commitments of the Principal**

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
  - a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - b) The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
  - c) The Principal will exclude from the process all known prejudiced persons.
- (2) If the principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or it there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

### **Section 2 – Commitment of the Bidder(s)/ contractor(s)**

- (1) The Bidder(s)/ Contractor(s) commit themselves to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

- a) The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
  - b) The Bidder(s)/ Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
  - c) The Bidder(s)/ Contractor(s) will not commit any offence under the relevant IPC/PC Act; further, the Bidder(s) / Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or documents provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - d) The Bidder(s)/ Contractor(s) of foreign origin shall disclose the name and address of the Agents/ Representatives in India, if any. Similarly, the Bidder(s)/ Contractor(s) of Indian Nationality shall furnish the name and address of the foreign Principals, if any. Further, as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is placed at **Appendix (A-1)**.
  - e) The Bidder(s) / Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### **Section 3 – Disqualification from tender process and exclusion from future contracts**

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or any other form such as to put his reliability or creditability in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or act as per the procedure mentioned in the "Guidelines on Banning of business dealings".

### **Section 4 – Compensation for Damages**

- (1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- (2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.



### **Section 5 – Previous Transgression**

- (1) Bidders to disclose any transgression with any other public / government organisation that may impinge on the anti-corruption principle. The date of such transgression, for the purpose of disclosure by the bidders in this regard, would be the date on which cognizance of the said transgression was taken by the competent authority. The period for which such transgression (s) is / are to be reported by the bidder shall be the last three years to be reckoned from date of bid submission. The transgression(s), for which cognizance was taken even before the said period of three years, but are pending conclusion, shall also be reported by the bidders.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in “Guidelines on Banning of business dealings”.

### **Section 6 – Equal treatment of all Bidders /Contractors /Sub-contractors**

- (1) The Bidder(s)/ Contractor(s) undertaker(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
- (2) The Principal will enter into agreement with identical conditions as this one with all Bidders, Contractors and subcontractors.
- (3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

### **Section 7 – Criminal charges against violating Bidder(s) / Contractor(s) / Subcontractor(s)**

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or of the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer

### **Section 8 – Independent External Monitor / Monitors**

- (1) The Principal appoints competent and credible Independent External Monitor for this Pact.  
The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement
- (2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. It will be obligatory for him to treat the information and documents of the Bidders/Contractors as confidential. He reports to the CMD, BEML.
- (3) The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Subcontractor(s) with

confidentiality.

- (4) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- (5) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (6) The Monitor will submit a written report to the CMD, BEML, within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise submit proposals for correcting problematic situations.
- (7) If the Monitor has reported to the CMD, BEML, a substantiated suspicion of an offence under relevant IPC/PC Act, and the CMD, BEML has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- (8) The word 'Monitor' would include both singular and plural.

## **Section 9 – Pact Duration**

This pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by CMD of BEML

## **Section 10 – Other provisions**

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Corporate Office of the Principal, i.e. Bangalore.
- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- (3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement turn out to be invalid, the reminder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- (5) The bidder shall not approach the Courts while representing the matters to IEMs and he/ she will await their decision in the matter.
- (6) In case of joint venture, all the partners of the joint venture should sign the Integrity Pact. In

case of sub-contracting, the Principal contractor shall take the responsibility of the adoption of IP by the sub-contractor. It is to be ensured that all sub- contractors also sign IP.

- (7) In the event of any dispute between the management and the contractor relating to those contracts where Integrity Pact is applicable, in case, both the parties are agreeable, they may try to settle dispute through mediation before the panel of IEMs in a time bound manner. If required, the organization may adopt any mediation rules for this purpose.

In case, the dispute remains unresolved even after mediation by the panel of IEMs, the organization may take further action as per the terms and conditions of the contract.

The fees / expenses on dispute resolution shall be equally shared by both the parties.

- (8) In the event of any contradiction between the Integrity Pact and its Annexure, the Clause in the integrity pact will prevail

-----  
(For & On behalf of the Principal)

(Office Seal)

Place-----

Date -----

***Witness 1:***  
(Name & Address)

-----  
-----

***Witness 2:***  
(Name & Address)

-----  
-----

-----  
(For & On behalf of Bidder/Contractor)

(Office Seal)

Place-----

Date -----

***Witness 1:***  
(Name & Address)

-----  
-----

***Witness 2:***  
(Name & Address)

-----  
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**Appendix A-1**

**(Applicable Agents / Suppliers to Sign, Seal & Upload / Submit)**

**GUIDELINES FOR INDIAN AGENTS OF FOREIGN SUPPLIERS**

- 1.0 There shall be compulsory registration of agents for all Global (Open) Tender and Limited Tender. An agent who is not registered with BEML LTD shall apply for registration in the prescribed Application-Form available on [www.bemlindia.in](http://www.bemlindia.in).
- 1.1 Registered agents will file an authenticated Photostat copy duly attested by a Notary Public/Original certificate of the principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/remuneration/ salary/ retainer ship being paid by the principal to the agent before the placement of order by BEML LTD.
- 1.2 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.
- 2.0 DISCLOSURE OF PARTICULARS OF AGENTS/ REPRESENTATIVES IN INDIA, IF ANY:
  - 2.1 Tenderers of Foreign nationality shall furnish the following details in their offer:
    - 2.1.1 The name and address of the agents/representatives in India, if any and the extent of authorization and authority given to commit the Principals. In case the agent/representative be a foreign Company, it shall be confirmed whether it is real substantial Company and details of the same shall be furnished.
    - 2.1.2 The amount of commission/remuneration included in the quoted price(s) for such agents/representatives in India.
    - 2.1.3 Confirmation of the Tenderer that the commission/ remuneration if any, payable to his agents/representatives in India, may be paid by BEML LTD in Indian Rupees only.
  - 2.2 Tenderers of Indian Nationality shall furnish the following details in their offers:
    - 2.2.1 The name and address of the foreign principals indicating their nationality as well as their status, i.e, whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents/representatives.
    - 2.2.2 The amount of commission/remuneration included in the price (s) quoted by the Tenderer for himself.
    - 2.2.3 Confirmation of the foreign principals of the Tenderer that the commission/remuneration, if any, reserved for the Tenderer in the quoted price (s), may be paid by BEML LTD in India in equivalent Indian Rupees on satisfactory completion of the Project or supplies of Stores and Spares in case of operation items.
  - 2.3 In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission /remuneration, if any payable to the agents/representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.
  - 2.4 Failure to furnish correct and detailed information as called for in paragraph-2.0 above will render the concerned tender liable to rejection or in the event of a contract materializing, the same liable to termination by BEML LTD. Besides this there would be a penalty of banning business dealings with BEML LTD or damage or payment of a named sum.

Signature  
(For & On behalf of Bidder/Contractor)

**APPENDIX-B**

**COMPLIANCE REPORT OF BEML Procurement Technical Specification (PTS)**  
**FPIIC/TD/HSR0001 Dated 18-11-2024**  
**(To be submitted along with Technical Bid)**

**Bid Invitation No** : 6300039217

**Firm** :

Sl.No	Sub Sl.No	Particulars	Clause by Clause Compliance	Remarks
			Not complied / Noted / Complied	
1		<b>Introduction</b> This Technical Specification (TS) specifies the technical requirements for engaging design Verification agency/The consultancy to verify the high-speed Rolling Stock design & integration of all systems/ sub-systems conforming to the performance, quality and safety requirements mentioned in the Specifications and Standards (SS) i.e., ICF/MD/SPEC-447, for the train designed to operate at 249 kmph max. on Mumbai Ahmedabad High Speed Rail (MAHSR) corridor.		
2		<b>Definitions</b> The following definitions are applicable. Other capitalized terms (if any) shall mean the definitions as mentioned in the SS i.e., ICF/MD/SPEC-447. <b>"Employer"</b> means ICF-Chennai, its legal successors and assignees <b>"Nominated Agency"</b> shall mean NHSRCL and its representatives including an ISA (if any) deployed by NHSRCL for the purpose of carrying out Design approvals, Tests, Trials etc <b>"BEML"</b> means the contractor for Design, Development, Manufacture, Testing and Commissioning of Trains for the project <b>"Consultancy "</b> means the Design Verification agency for verifying the Vehicle Design Documents/ Drawings submitted by BEML. <b>"Vehicle Design Documents/Drawings"</b> shall mean any and all of the documents developed by the contractor & vendors for the development of the Rolling Stock for		

		ICF specifications no. ICF/MD/SPEC-447  “ <b>Rolling Stock</b> ” shall mean the train being developed to operate at a speed of 249 kmph and test speed at 280 kmph in compliance with Specifications and Standards i.e., ICF/MD/SPEC-447																	
3		<b>Design Stages :</b> <table><tr><th>Sl.</th><th>Activity</th><th>Time Lines</th></tr><tr><td>1</td><td>Concept Design of Rolling stock (CDR)</td><td>4 months</td></tr><tr><td>2</td><td>Preliminary Design of Rolling stock (PDR)</td><td>CDR + 4 months</td></tr><tr><td>3</td><td>Detailed Design of Rolling stock (DDR)</td><td>PDR + 4 months</td></tr><tr><td>4</td><td>Total design time for Rolling Stock</td><td>12 months</td></tr></table>	Sl.	Activity	Time Lines	1	Concept Design of Rolling stock (CDR)	4 months	2	Preliminary Design of Rolling stock (PDR)	CDR + 4 months	3	Detailed Design of Rolling stock (DDR)	PDR + 4 months	4	Total design time for Rolling Stock	12 months		
Sl.	Activity	Time Lines																	
1	Concept Design of Rolling stock (CDR)	4 months																	
2	Preliminary Design of Rolling stock (PDR)	CDR + 4 months																	
3	Detailed Design of Rolling stock (DDR)	PDR + 4 months																	
4	Total design time for Rolling Stock	12 months																	
4		<b>Qualification Criteria</b>																	
	1	1) The consultancy shall be any Design verification agency / Indian entity having MOU/Tie-Up/ Consortium / Partnership with a competent Global Design/ Technical Firm provided such that Global Design / Technical Firm is having Design verification experience in complete Rolling Stock/Trains (Mechanical, Electrical, Signalling, Operations) for operating speed of 250 kmph and above. Supporting documents shall be submitted in tender submission stage.																	
	2	2) The consultancy shall at least have experience of 3 projects in the past 10 years of verifying the design of Rolling Stock designed for 250 kmph and above. Supporting documents/satisfactory certificates from Rolling stock manufacturers or high-speed train operators shall be submitted in the tender submission stage.																	
	3	3) The consultancy shall have proven track record to verify the Rolling Stock design & integration of all Sub-systems / systems conforming to the performance, quality and safety requirements.																	
	4	4) Personnel engaged in design verification should have at least 15 years of relevant experience in Rolling Stock																	

		design verification and shall have executed at least one (01) high speed rail project of 250 kmph and above in the same role being proposed for this assignment. Accordingly, certified CV/ experience details of team members of design verification agency shall be submitted as documentary evidence in the tender submission stage.		
	5	5) The consultancy shall have experience as "Shadow Operator" i.e., along with design verification expertise, shall also have high speed train operation and maintenance expertise and relevant certificates shall be submitted as a documentary proof in the tender submission stage.		
5		<b>Scope of work</b>		
	1	1) The consultancy shall verify the Rolling stock design & integration of all sub-systems/systems conforming to the performance, quality and safety requirements as envisaged in SS i.e., ICF/MD/SPEC-447 and applicable standards.		
	2	2) The consultancy shall submit a design conformation report and detailed analysis on conformity of Car body Structure, Bogie Design, Brake System, Pantograph and Electric Propulsion systems, and all subsystems and complete train.		
	3	3) The consultancy shall verify all the Vehicle Design Documents/ Drawings received from BEML to ensure that they are in complete compliance, on a clause-by-clause basis, to the Contract Specifications during the tenure of the consultancy.		
	4	4) The design verification of the Vehicle Design Documents/ Drawings in the respective Design Stages will be considered as complete only once the consultancy has provided a "Design Verification Certificate" stating that the Vehicle Design Documents/ Drawings meet the requirements of SS and adequacy of the design to operate the train at 249 kmph.		
	5	5) It may be possible that despite of a Vehicle Design Document/ Drawings verification have been completed as		

		above, the accepted Vehicle Design Document/ Drawings is required to be re-performed due to changes in the accepted design documents/drawings by BEML. In such cases, consultancy shall verify the design documents/ drawings submitted by BEML incorporating such changes.		
	6	6) Every Vehicle Design Document/ Drawing shall be reviewed and verified. The time period for completion of the review and verification will be as per the clause 6 of this TS from date of submission of design documents to consultancy.		
	7	7) Besides the work relating to design document verification as stated above, consultancy may be required to support BEML during progress review meetings between BEML and ICF/ NHRCL by attending design meetings/ project review meetings (either physically or virtually) by design experts/ competent authority of consultancy.		
	8	8) The Vehicle Design Documents/ Drawings will consist of technical descriptions and drawings of the various sub-systems/ aggregates, design calculations, type test specifications/ procedures, type test reports, and related documents complying with the Standards and Specifications and also Quality control/process documents.		
	9	9) The consultancy shall be the technical guard for the project, through a specialized technical consultancy providing support to the BEML from the elaboration of the terms of reference and tendering of the studies involved, to the Verification of the results obtained by the system/sub-system suppliers, making observations and recommendations for improvement for them, highlighting the transparency and firmness in these technical recommendations.		
	10	10) The design verification activities shall conform to the latest editions (as on 30th Sep, 2024) of standards or as brought out		



		in ICF/MD/SPEC447 specification (Annexure-1).														
	11	11) BEML will bring out the applicable/referred standards in each of the design documents. BEML will not provide any copy of the referred standards in the documents to the consultancy for the purpose of verification the Vehicle Design Documents/ Drawings and the consultancy shall arrange for the same by their own. And any other applicable standard referred to, by the consultancy during the verification shall be submitted to BEML by the consultancy. It may be noted that the rights of the standards lie with consultancy.														
6		<p><b>Time Lines</b></p> <p>The consultancy shall complete the design verification activities of Vehicle Design Documents/ Drawings as per following timelines</p> <table><tr><th>Particulars</th><th>First Verification</th><th>Second Verification</th></tr><tr><td>Concept Design (CDR)</td><td>10 Working Days</td><td>7 Working Days</td></tr><tr><td>Preliminary Design (PDR)</td><td>10 Working Days</td><td>7 Working Days</td></tr><tr><td>Detail Design (DDR)</td><td>10 Working Days</td><td>7 Working Days</td></tr></table>	Particulars	First Verification	Second Verification	Concept Design (CDR)	10 Working Days	7 Working Days	Preliminary Design (PDR)	10 Working Days	7 Working Days	Detail Design (DDR)	10 Working Days	7 Working Days		
Particulars	First Verification	Second Verification														
Concept Design (CDR)	10 Working Days	7 Working Days														
Preliminary Design (PDR)	10 Working Days	7 Working Days														
Detail Design (DDR)	10 Working Days	7 Working Days														
7		<p><b>Organization Structure :</b></p> <p>The consultancy shall submit the proposed detailed organization structure of the design team for design verification activities for efficient and timely submission and clearance of the design documents by the Nominated Agency.</p> <p>The representatives of the consultancy shall be stationed in India during the tenure of the consultancy for design interaction with ICF/ NHSRCL and at BEML, Bengaluru for efficient and timely submission and clearance of Design documents.</p>														

8		<b>Deliverables</b> : The verification of each Vehicle Design Documents/ Drawings shall be accompanied with the following deliverables: -		
	1	i) Open Issue List (OIL) document with review/ verification results and comments, if there are any issue in the Vehicle Design Documents/ Drawings.		
	2	ii) The Compliance matrix reflecting the clause-by-clause compliance with the Standards and Specifications and applicable/ referred Standards along with comments, if any.		
	3	iii) If no comments are provided or no observations are specified by consultancy, the consultancy shall provide a 'Design Verification Certificate' for the Vehicle Design Documents/ Drawings submitted for verification stating that the document/ design has been verified and such verified document/ design meets the Standards and Specifications with exceptions (if any) and the design is adequate to operate at speed of 249 kmph.		
9		<b>Time Schedule :</b> The contract key dates for the design and development activities based on LoA are as below and shall be adhered to: a) Completion of Design Verification of Conceptual Design : : 14th Mar, 2025 b) Completion of Design Verification of Preliminary design : 30th July, 2025 c) Completion of Design Verification of Detailed design : 15th Nov, 2025 The above contractual key dates are to be consider as "dates of completion" which may vary.		
10		<b>Details of Design Documents/Drawings (Ch. 6 of ICF/MD/SPEC-447)</b>		
	1	1) The consultancy shall review and verify the below documents/ drawings as minimum.		
	2	2) The consultancy may propose the additional design documents/ drawings which may be prerequisite for functional or operational requirements of high-speed trains.		
	3	3) The list of documents/ drawings may increase during details design or based on the Nominated Agency (NHSRCL) review, comments and recommendations.		

	4	4) The consultancy shall verify any such additional documents/ drawings/ reports without any additional cost and within the timelines specified at clause 6 of this TS.		
10.1		<b>List of Designs and Drawings</b>		
		The consultancy will be provided with following Designs and drawings for verifications:		
	1	(i) Train: (a) Car profile; (b) tractive effort corresponding to continuous rated speed; (c) Design of Car body shell and interiors.		
	2	(ii) Weight: The weight of the complete fully furnished Car of each type along with weight breakup of all the equipment and sub-systems.		
	3	(iii) Traction motor: The suspension arrangement & overall General Arrangement Drawing of traction motor along with necessary calculations.		
	4	(iv) Brake system and Parking Brake: Shall include (a) functional description of complete system and individual components; (b) regenerative braking calculations including braking effort, brake blending and its speed range; (c) brake effort calculations, EP, Auto and regenerative brakes for the Train; (g) braking distance calculations under gross load condition at maximum permissible operating speed at level track; (h) control system; (i) redundancy (k) operating times; (l) wheel slip/slide protection; (m) SIL level; (n) brake pipe controlled back-up system; and (o) emergency brake.		
	5	(v) Bogie including brake rigging and suspension: Shall include (a) traction motor mounting arrangement if any; (b) unsprung mass; (c) primary and secondary suspension; (d) bolster arrangement; (e) axle floating arrangement; (f) Bogie frame and major bogie components under static and dynamic loading conditions & strength calculations; (g) deleted (h) throw over at head stock coupler; (i) movement of bogie parts with clearances; (j) estimation of flange forces on curves and turn outs; (k) kinematic/dynamic profile of Vehicles for any infringement (l) design validation of components of bogie as per specification & applicable standard Structural reports (structural as well as dynamic validation).		
	6	(vi) Wheel Set: (a) bearing and lubrication; (b) wheels, axles and roller bearings, including maximum stress under fatigue loading conditions and anticipated service life; (c) weight distribution indicating lateral and longitudinal balance;		

		(d) method of adjustment of wheel and axle load; (d) parking brake calculations; (e) interfacing of service brake and parking brake; (f) braking curves (e) diameter of wheels (in mm) when new and fully worn; (f) wheel profile as per Specification and Standards and (g) Design validation as per Specification and Standards		
	7	(vii) End lighting: The installation details of (a) headlight; (b) marker light; (c) taillight; and (d) flasher light.		
10.2		<b>Other Designs</b>		
		The consultancy will be provided with following Designs for verifications.		
	1	(i) The strength of the under-frame as well as under-frame equipment under static and dynamic loading conditions using FEM.		
	2	(ii) The carbody strength, fatigue life estimation under static and aerodynamic dynamic loading conditions using CFD and FEM.		
	3	(iii) Projected stability and riding performance of the Train using mathematical modelling technique with parameters of suspension system and dimensions adopted for track standards.		
	4	(iv) Stresses & FEA of under-frame, bogie frame / bolster, suspension springs, wheels, bearing, axles, other components and fatigue life of these components.		
	5	(v) Deflection calculations of under-frame under different loading conditions.		
	6	(vi) Maximum moving dimension calculations.		
	7	(vii) Calculations of harmonics and EMI/EMC parameters.		
	8	(viii) Crashworthiness detailed report having relevant calculations & crash simulations carried out with standard software.		
	9	(ix) Hazard identification, safety assessments and mitigations.		
	10	(x) Calculations for tractive and braking effort versus speed curves showing balancing speed.		
	11	(xi) Air consumption calculation of healthy and partially cutout air supply by compressor and consumption of air by equipment with acceptable air loss.		
	12	(xii) Centre buffing force calculations.		
	13	(xiii) Calculations for safety against derailment, primary and secondary spring and damper characteristics under tare and loaded conditions, braking distance calculations with and without load on level and gradient section.		

	14	(xiv) Finite Element Modelling of Car shell with standard computer software's for stress/deflection analysis of the car body.		
	15	(xv) System design documents and simulation for compliance of various performance parameters of Train.		
	16	(xvi) Design documents for compliance of electrical fire & Train safety requirements.		
	17	(xvii) Train configuration including distribution of propulsion equipment.		
	18	(xviii) Document certifying the compliance of IER-1956 (as amended up to 25th November 2000) and Central Electricity Authority (Measures related to Safety and Electric Supply) Regulations, 2010.		
	19	(xix) Document for compliance of Disaster Management Light(t) Document for compliance of Train Data Recorder (TDR).		
	20	(xx) Document for certifying the compliance of minimum fresh air quantities under different conditions.		
	21	(xxi) Document for compliance of Passenger Car Surveillance System and Cab Recording Equipment.		
	22	(xxii) Document for certifying the compliance of Horns.		
	23	(xxiii) Document for certifying the compliance of Vigilance Control Device (VCD).		
	24	(xxiv) Document for compliance of passenger amenities and safety items like PA/PIS, ETB and Infotainment System etc.		
	25	(xxv) Document for compliance of Car and Cab lighting.		
	26	(xxvi) Aerodynamically shaped nosed design and simulation document.		
10.3		<b>Vehicle Dynamics Simulation</b>		
		The consultancy will be provided with following simulations/drawings for verifications.		
	1	(i) Vehicle dynamic simulations on the bogies and the results		
	2	(ii) Derailment Safety and Stability		
	3	(iii) Simulations / calculations for establishing maximum possible cant deficiency potential in rolling stock design.		
	4	(iv) Drawings:		
		a) General layout of all equipment in the Car body including driving cab layout, driver's desk layout, driver's visibility diagram, Car lifting arrangement, location of jacking pads and bogie retention arrangement.		
		b) Diagram showing alignment of Car on		

		sharpest curve and sharpest turnout. This diagram shall also show that the profile of the Car body is within the moving dimensions including the extra clearance permitted on curves when the Car is negotiating a sharp curve.		
	5	c) Arrangement of return current and earth brushes.		
	6	d) Lubrication diagram with lubricant brands and quantities.		
	7	e) Schematic diagram of power, control and auxiliary circuits.		
	8	f) Air Supply and Brake system diagram.		
	9	g) Layout of Train on curves including reverse curves showing coupler, gangway and interconnections between Cars.		
	10	h) Arrangement of draw and buffing gear, side buffer installation, draw gear, and connections at Train ends.		
	11	i) Maximum moving dimension drawing showing extreme cases including curve overthrows.		
	12	j) Earthing and bonding arrangements of all Cars.		
11		<b>IPR and Confidentiality</b>		
	1	1) The consultancy shall agree and abide to treat confidentiality of all documents, information, data and knowledge assimilated during the execution of the design verification of this contract. The consultancy is required to sign a Non-Disclosure Agreement with BEML.		
	2	2) The IPR of the Vehicle Design Documents/ Drawings generated for the Standards and Specifications i.e., ICF/MD/SPEC-447 shall lie solely with ICF and BEML. The design documents and parts there of shall not be shared or transferred in full or partial to any third party in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without prior written permission of ICF and BEML.		
12		<b>Submittals</b>		
		The consultancy shall submit the following as a minimum, along with the technical offer.		
	1	1) Complete Technical offer for scope of work		
	2	2) Supporting documents for Qualification Criteria compliance		
	3	3) Clause-by- Clause compliance for		
	3a	a) Technical Specification (this document)		

	3b	b) ICF MD SPEC-447, ISSUE status-01, Rev. Draft dt. 05.09.2024.		
	3c	c) Amendment to ICF/MD/SPEC-447 issued by NHSRCL, document No. NHSRCL-CO/MA/RS/01/IHSRS/2434/.1/OHQ16980 dtd. 20.09.2024.		
13		<b>Attachments</b>		
		1) ICF MD SPEC-447, ISSUE status-01, Rev. Draft dt. 05.09.2024.		
		2) Amendments to ICF/MD/SPEC-447 issued by NHSRCL, document No. NHSRCL-CO/MA/RS/01/IHSRS/2434/.1/OHQ16980 dtd. 20.09.2024.		

Authorized signatory with company seal / stamp

# **COMPLIANCE REPORT OF GENERAL TERMS & CONDITIONS**

(To be submitted along with Technical Bid)

**Bid Invitation No** : 6300039217

**Firm** :

Sl. No.	Terms / Clause	Complied	Not Complied	Remarks
1.	DEFINITIONS & INTERPRETATIONS			
2.	SUBMISSION OF THE TENDER			
3.	PURCHASE PREFERENCES			
4.	SUPPLIERS SHARING LAND BORDER WITH INDIA			
5.	DELIVERY TERMS			
6.	PAYMENT			
7.	PRICE BID VALIDITY			
8.	FIRM PRICE			
9.	INSPECTION			
10.	WARRANTY			
11.	PERFORMANCE BANK GUARANTEE (PBG)			
12.	RIGHT TO VARY QUANTITIES & QUANTITY OPTION CLAUSE			
13.	LIQUIDATED DAMAGES CLAUSE			
14.	RISK PURCHASE CLAUSE			
15.	SECRECY AND CONFIDENTIALITY			
16.	AUTHORITY OF PERSONS SIGNING DOCUMENT			
17.	ACCEPTANCE OF ORDER			
18.	OTHER CONDITIONS			
19.	PRICE, INVOICING AND PAYMENT			
20.	PROGRESS REPORT			

**Authorized signatory with company seal / stamp**



**APPENDIX – C**

**COMPLIANCE REPORT OF GENERAL TERMS & CONDITIONS**

(To be submitted along with Technical Bid)

**Bid Invitation No** : 6300039217

**Firm** :

21.	QUALITY & WORKMANSHIP			
22.	QUALITY, CONDITION OF DELIVERY			
23.	SUPPLY OF SAMPLE (If Applicable)			
24.	INSPECTION, TESTING & CONSEQUENCE OF REJECTION			
25.	LAWS APPLICABLE			
26.	RAWMATERIALS ARRANSRMENT			
27.	IDENTIFICATION OF ITEMS / PIECES			
28.	PACKING AND MARKING			
29.	APPLICABLE LAWS AND JURISDICTION OF COURTS			
30.	JURISDICTION			
31.	ARBITRATION			
32.	INTELLECTUAL PROPERTY RIGHTS; LICENSES			
33.	BRIBES AND GIFTS			
34.	FORCE MAJEURE CLAUSE			
35.	FALL CLAUSE			
36.	NON DISCLOSURE AND INFORMATION OBLIGATIONS			
37.	ASSIGNMENT OF RIGHTS AND OBLIGATIONS; SUBCONTRACTING			
38.	DIVISION OF PATRONAGE			
39.	INTEGRITY PACT			
40.	GST TERMS & CONDITIONS			

**Authorized signatory with company seal / stamp**

**PERFORMANCE BANK GUARANTEE**

Bank Guarantee No.....  
Dated .....  
Amount .....  
Valid upto .....  
Claim upto .....

The General Manager (Materials- Management)  
BEML  
Bangalore Complex  
PB No 7501  
New Thippasandra  
Bangalore 560075

1. This deed of Guarantee made this day of..... (Month& year) between Bank of..... (Hereinafter called the "Bank") of the one part, and BEML LIMITED (Hereinafter called "the Employer") of the other part.
2. Whereas BEML LIMITED has awarded the contract for..... (Name of work as per PO) (Hereinafter called the "Contract") to..... (Name of the Contractor) (Hereinafter called "the Contractor").
3. AND WHEREAS the Contractor is bound by the said Contract to submit to the Employer a Performance Security for a total amount of.....(Amount in figures and words).
4. Now, We the Undersigned.....(Name of the Bank) being fully authorized to sign and to incur obligations for and on behalf of and in the name of.....(Full name of Bank), hereby declare that the said Bank will guarantee the Employer the full amount of Rs. .... (Amount in figures and words) as stated above.
5. NOW THEREFORE, We hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor and we hereby unconditionally, irrevocably and without demur undertake to immediately pay to the Employer upon first written demand and without cavil or argument, any sum or sums within limits of.....(Amount of Guarantee) as aforesaid without reference to the Contractor and without your needing to prove or show grounds or reasons for your demand for the sum specified therein. The Bank shall pay to the Employer any money so demanded notwithstanding any dispute/disputes raised by the Contractor in any suit or proceedings pending before any Court, Tribunal or Arbitrator/s relating thereto and the liability under this Guarantee shall be absolute and unequivocal.
6. This Guarantee is valid till.....(The initial period for which this Guarantee will be valid must be for at least 6-months (six months) longer than the anticipated expiry date of defect liability period / Warranty period as stated in Clause 11 of Annexure IV - Notice Inviting Tenders.
7. At any time during the period in which this Guarantee is still valid, if the Employer agrees to grant a time extension to the Contractor or if the Contractor fails to complete the Works within the time of completion as stated in the Contract, or fails to discharge himself of the liability or damages or debts as stated under Para 5, above, it is

understood that the Bank will extend this Guarantee under the same conditions for the required time on demand by the Employer and at the cost of the Contractor.

8. The Bank agrees that no change, addition, modifications to the terms of the Contract Agreement or to any documents, which have been or may be made between the Employer and the Contractor, will in no way release us from the liability under this Guarantee; and the Bank, hereby, waives any requirement for notice of any such change, addition or modification to the Bank.
9. The Guarantee here in before contained shall not be affected by any change in the Constitution of the Bank or of the Contractor.
10. The neglect or forbearance of the Employer in enforcement of payment of any moneys, the payment whereof is intended to be hereby secured or the giving of time by the Employer for the payment hereof shall in no way relieve the bank of their liability under this deed.
11. The expressions "the Employer", "the Bank" and "the Contractor" hereinbefore used shall include their respective successors and assigns.
12. Notwithstanding anything contained herein:
  - (a) Our liability under this Bank Guarantee shall not exceed Rs.....  
(Rs.....)
  - (b) This Bank Guarantee shall be valid up to.....
  - (c) We are liable to pay the Guarantee amount or part thereof under this Bank Guarantee only & only if you serve upon us a written claim or demand on or before

In witness whereof I/We of the bank have signed and sealed this Guarantee on the.....day of..... (Month & year) being herewith duly authorized.

For and on behalf of the .....Bank.

**Signature of Authorized Bank officials.**

Name :.....

Designation : .....

Stamp/Seal of the Bank.....

Signed, sealed and delivered for and on behalf of the Bank by the above named .....in the presence of:

**Witness 1.**

Signature.....

Name.....

Address.....

**Witness 2.**

Signature.....

Name.....

Address.....

**CONFIDENTIALITY AGREEMENT**

**(To be typed on plain paper and submitted along with the technical bid)**

**Bid Invitation No :**

**Firm :**

This Confidentiality Agreement is made and entered into between M/s BEML, (hereinafter referred to as BEML), a Govt. of India Undertaking under Ministry of Defence, having its Registered Office at BEML Soudha, No.23/1, 4th Main, Sampangirama Nagar, Bangalore – 560 027 and M/s ----- (hereinafter referred as XXXX) having its Registered Office at..... M/s. BEML, has been patronizing XXXX for components / spares listed in Annexure hereto. A need has been felt to revitalize the business relationship for mutual advantage.

- 1) It is mutually, therefore, agreed that the following shall form part of the terms and conditions for continued business:
  - a) The supplier shall not divulge to anyone else except under the authority and for the purposed of BEML, all information such as technical data, specifications, drawings, models of specimens furnished / supplied by BEML for the purpose of manufacture or in connection with developmental activities, constitute the property of BEML and the supplier shall keep them in strict confidence. This has been explicitly stated in all the details to the supplier through Purchase Order / Drawings etc., released.
  - b) The supplier shall not supply the components / spares exclusively manufactured for BEML with the Technical Data / Specifications / assistance furnished by BEML and shall not disclose my initiations, development of adaptations thereof to anyone else except with the written consent of BEML.
  - c) BEML shall be entitled to prevent breach of the above and to claim damages in case of any breach. It is hereby mutually agreed that for breach of this agreement the Vendor shall pay, without actual proof of damages, a liquidated amount of Rs. 1.00 Crore (Rupees One Crore only).
  - d) **ARBITRATION:** In the event of any question or disputes arising under these conditions or any other terms and conditions of contract or in connection with this contract (except as to any matters the decision of which is specially provided for by these conditions) the same shall be referred to an award of a Sole to be appointed by BEML with the consent of the Contractor / Vendor Supplier and the Arbitration proceedings of Arbitration and Conciliation Act 1996. The Courts in Bangalore alone shall have jurisdiction to deal and decide any legal matter or dispute whatsoever arising out of this Contract.
- 2) BEML shall be entitled to prevent breach of the above and to claim damages in case of any breach.
- 3) The Signatories hereto declare that they have the sanction and power to execute and deliver this binding agreement.

IN WITNESS WHEREOF, the parties hereto have set their respective hands to this Confidentiality Agreement on ..... written in the presence of Witness.

**For BEML**

**For M/s. XXXX**

**WITNESS:**

1.

1.

2.

2.

**APPENDIX – F**

**DECLARATION TO CLAIM PURCHASE PREFERENCE UNDER PUBLIC  
PROCUREMENT POLICY - PREFERENCE TO 'MAKE IN INDIA' ORDER 2017**

**(To be executed in plain paper and to be submitted along with technical bid)**

**Bid Invitation No** : 6300039217

**Firm** :

Preference shall be given to Class-I local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products.

The Bidder shall self certify (or) provide a certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving percentage of local content.

**In cases of procurement for a value in excess of Rs.10 crores, Class-I local supplier / Class-II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving percentage of local content**

\*\*\*\*

We, M/s \_\_\_\_\_ with its registered office at \_\_\_\_\_ claim purchase preference under Public Procurement Policy – Preference to 'Make in India' Order 2017

CONDITION	Bidder to tick (√) the respective Boxes	
	COMPLIED	NOT COMPLIED
The Goods / Items / Stores, offered meets the minimum local content of 50% . Local content means the amount of value added in India which shall be the total value of the item / Goods/ Stores procured (excluding net domestic Indirect taxes) minus the Value of the import content in the item (including all custom duties) as a proportion of the total value in Percent		
The Goods / Items / Stores, offered meets the minimum local content of more than 20% and less than 50% . Local content means the amount of value added in India which shall be the total value of the item / Goods/ Stores procured (excluding net domestic Indirect taxes) minus the Value of the import content in the item (including all custom duties) as a proportion of the total value in Percent		
Address of Location(s) at which the local value addition is made.		

**Authorized signatory with company seal / stamp**

# **CERTIFICATE FOR LAND BORDER SHARING**

**(To be executed in plain paper and to be submitted along with technical bid)**

**Bid Invitation No : 6300039217**

**Firm :**

**Bidders to refer, GOI office memorandum No. F.No.6/18/2019-PPD of Department of Expenditure Public Procurement Division, amended time to time and its subsequent Orders/Notifications**

The Bidder accordingly Certifies as below:

“ I / We, have read the clause regarding restrictions on procurement from the bidder of a country which shares a land border with India; I certify that the Bidder / Vendor is not from such a country or, if from such a country, has been registered with the Competent Authority. I here by Certify that this Vendor / Bidder fulfills all requirements in this regard and is eligible to be concerned for procurement on SRM ”

[ Where ever applicable, evidence of valid registration by the Competent Authority shall be attached]

**Authorized signatory with company seal / stamp**

**APPENDIX-H**

**COMPLIANCE FOR SUBMISSION OF NON - DISCLOSURE AGREEMENT**  
(To be executed in plain paper and to be submitted along with technical bid)

**Bid Invitation No** : 6300039217

**Firm** :

Sl. No.	Clause Description	Complied / Not Complied	Remarks
01	Successful bidder has to submit Non-Disclosure Agreement as per the prescribed format provided by BEML.		

**Authorized signatory with company seal / stamp**

**LIST OF DOCUMENTS ATTACHED WITH THE TENDER**

1. NIT
2. BEML Procurement Technical Specification (PTS) **FPIIC/TD/HSR0001**  
**Dated 18-11-2024**
3. ICF MD SPEC-447, ISSUE status-01, Rev. Draft dt. 05.09.2024
4. Amendments to ICF/MD/SPEC-447 issued by NHSRCL, document No. NHSRCL-CO/MA/RS/01/IHSRS/2434/.1/OHQ16980 dtd. 20.09.2024

BEML LIMITED