‘Expression of Interest’ for Development of Cabin stamped parts for BEML Heavy Duty Truck (HDT)

# Objective:

BEML Limited is a Defence PSU under the Ministry of Defence (MoD), Govt. of India. BEML HDT vehicles are mainly used for General Service and special projects carrying super structures as per MOD requirement. As part of indigenous program, the development and production of Cabin is taken up. In this regard, BEML intends to identify reputed developer for supply of the subject cabin. Annual requirement of cabin stamped parts (26 types) is around 200 to 220 sets.

The cabin consists of 26 numbers of stamped parts which are very critical components as per structure of cabin. The list of stamped parts (26 types) with 3D images, overall dimension of each component, material and weight of the parts are provided in **Annexure – 1**

The isometric views of cabin stamped parts with integration is shown in Fig-1 & 2

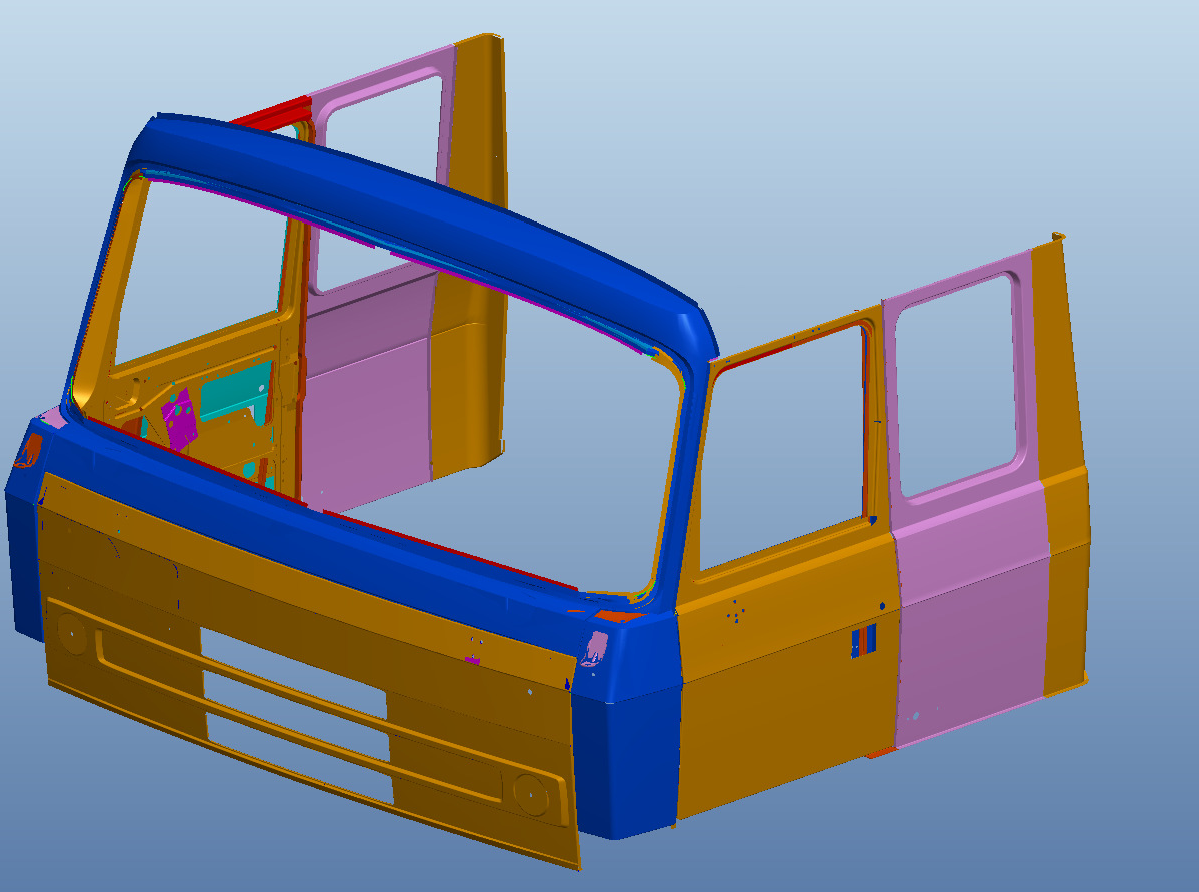


Fig-1

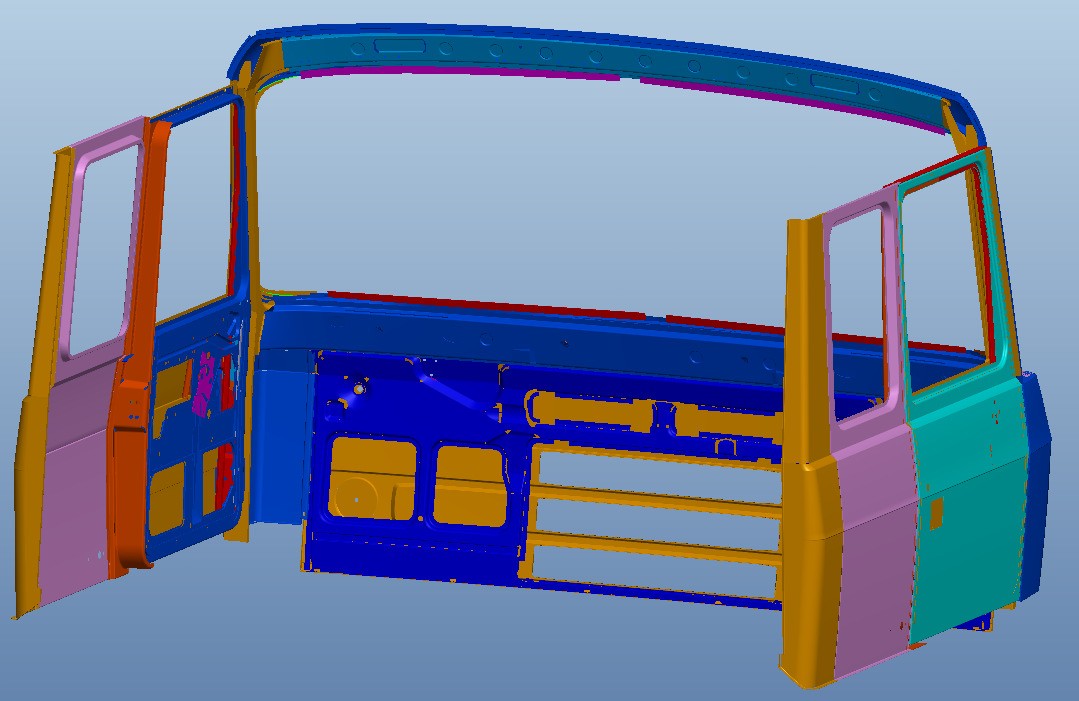


Fig-2

The illustrative views of cabin stamped parts shown in Fig-3.

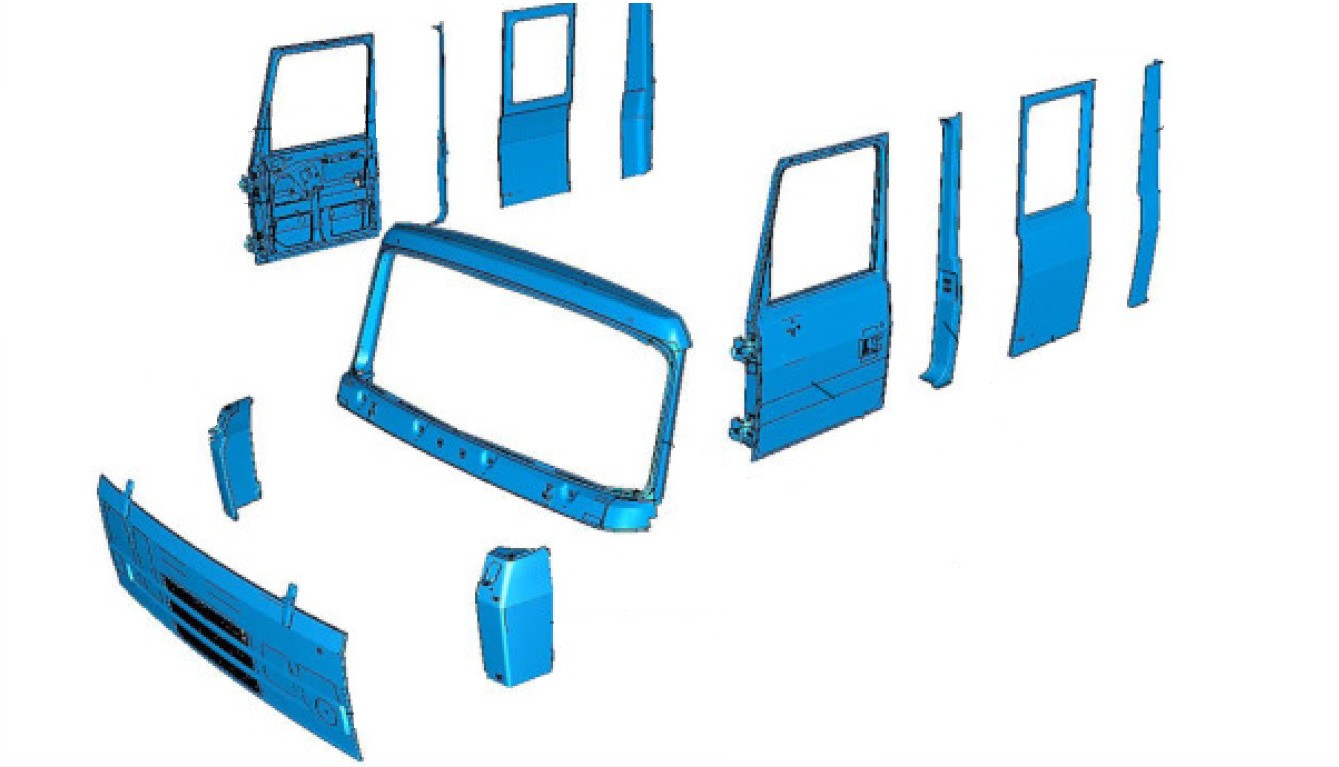


Fig-3

# “Scope of work:

Based on the response received from participating prospective Firms for the EOI, Separate RFQs will be floated to one shortlisted technically & commercially viable firm, for development of Cabin stamped parts for BEML HDT vehicle.

NDA and MoU will be signed with the finalized firm evaluated in the RFQ. BEML will provide all technical details such as Drawings, 3D models in .iges format & material specifications to the firm.

* 1. The Cabin stamped parts development and Production is planned in three phases
     1. Development stage: 5 samples to be developed within 3 months of issue of contract.
     2. Pilot Production stage: 10 samples to be produced based on feedback of prototypes within 3 months from proto clearance.
     3. Bulk Production stage: Around 200 to 220 sets in the first year after pilot batch clearance by BEML.
  2. The brief scope of work is,

1. During the course of development the firm need to offer samples stage wise to BEML & obtain clearance.
2. The firm has to offer the finished component for inspection and obtain clearance by BEML as per technical details.
3. Supply the components to BEML along with quality records for having complied for materials, processes and dimensions as per drawing & specifications.
4. BEML will inspect & audit the process & record as and when required for which the firm has to comply.
5. The firm should posses / organize the required surface treatment facilities as per technical details. In case the surface treatment is organized at vendor premises BEML will audit for process & upon approval surface treatment can be taken up for sample supplies & there on.
   1. Firm has to provide necessary relevant material test certificates duly cleared by NABL accredited laboratories.

# Pre-Qualification Criteria:

Interested firms shall fulfill the following criteria while submitting the EoI.

1. Firm having more than 5 years of experience in design and development of such components
2. Firm with sound financial status – Consistently profit making for the past 3 years.
3. Firm should be certified for the latest Quality Management System.
4. EOI may be responded by individual firm or a consortium of firms represented by a lead member. In case of consortium, lead member shall respond to the EOI and will be responsible for the success of the program.
5. The firm shall have the following basic and essential facilities to qualify in this EOI.
   1. Development & production capabilities, facilities for stamped parts pressing / punching.
   2. BEML will provide necessary dies & punches against Bank Guarantee for manufacturing the floated stamped parts. The firm shall make required engineering in their hydraulic press facility to suit the BEML’s dies and punches
   3. Possess required inspection facilities for the floated parts.

# Details of the firm to be provided with necessary supporting documents:

1. Filled compliance for the technical details of the stamped parts as per the format given in **Annexure - II**
2. Company Registration certificate indicating name of the firm, year of establishment, incorporation details, Members of the Board, URL of the firm’s website.
3. Name of the contact person, address, Telephone, Fax & email
4. Number of years of experience in development of such components.
5. Copy of the Supply Orders to brief the past and similar ongoing projects, if any.
6. Details of IT infrastructure and certificates of quality management system of the firm.
7. Financial performance documents (Audited Balance sheets and Profit & Loss statements etc.) with details of turnover for last three (3) years
8. Details of Contract(s) or order(s) terminated before completion, if any
9. Details of any premature termination of job/supply order/contract for Min of Defence, India or any other Government / Quasi Government organization in India.
10. Value of largest two projects executed in last 5 years
11. Capability to furnish Bank guarantees.
12. Details of important customers

**Note:** The responses from Firms/OEMs that are black listed/restricted by Government of India or its Agencies are not eligible to participate in the EOI.

# Submission of EOI:

In this context, EoI in sealed cover, Providing all details, documents and certificates shall be submitted by interested reputed firms, superscribing **“Expression of Interest’ for development of Cabin and Engine tunnel insulation”** on or before **14:00 hours** of **20.11.2020,**

**EOI in soft copies to be sent to e-mail id cabin@beml.co.in** (OR)

EOI in hard copies to be sent to following address with superscibing

**EoI ref : BEML-PALAKKAD/DEF/CABIN/EOI/2020-21, Dt: 15 / 10 /2020**

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