

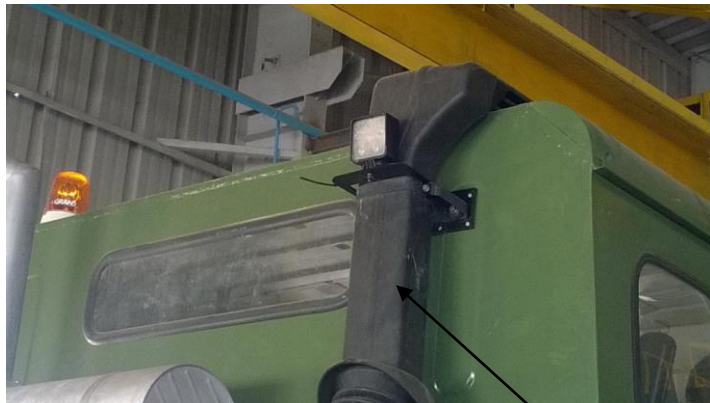
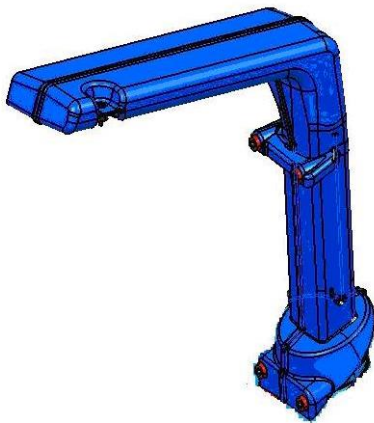
'Expression of Interest' for Development of Air intake manifold & Air duct for BEML Heavy Duty Truck (HDT)

1. Objective:

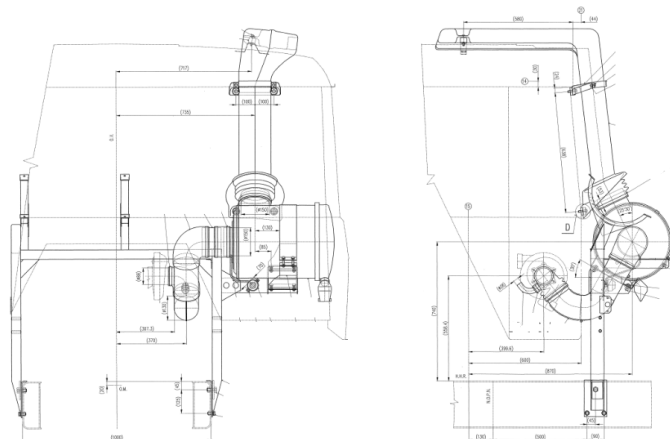
BEML Limited is a Defence PSU under the Ministry of Defence (MoD), Govt. of India. BEML HDT vehicles are mainly used for General Service and special projects carrying super structures as per MOD requirement. As part of indigenous program, the development and production of Air intake manifold & Air duct. In this regard, BEML intends to identify reputed developer and supply of Air intake manifold & Air duct and associate in testing. Annual consumption of air intake & ducts more than 300 numbers.

2. i) Air intake manifold:

The purpose of an air intake system is to provide clean, cool and dry air to the engine with noise attenuation. The material used is Fiber reinforce plastic (FRP).



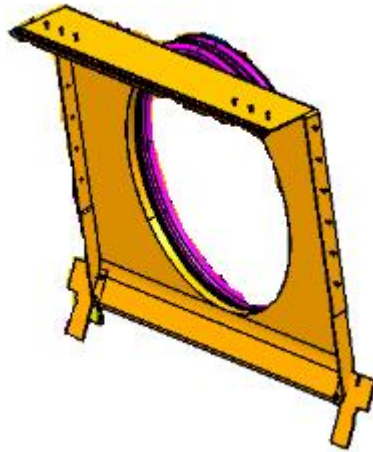
Air intake with mounting brackets



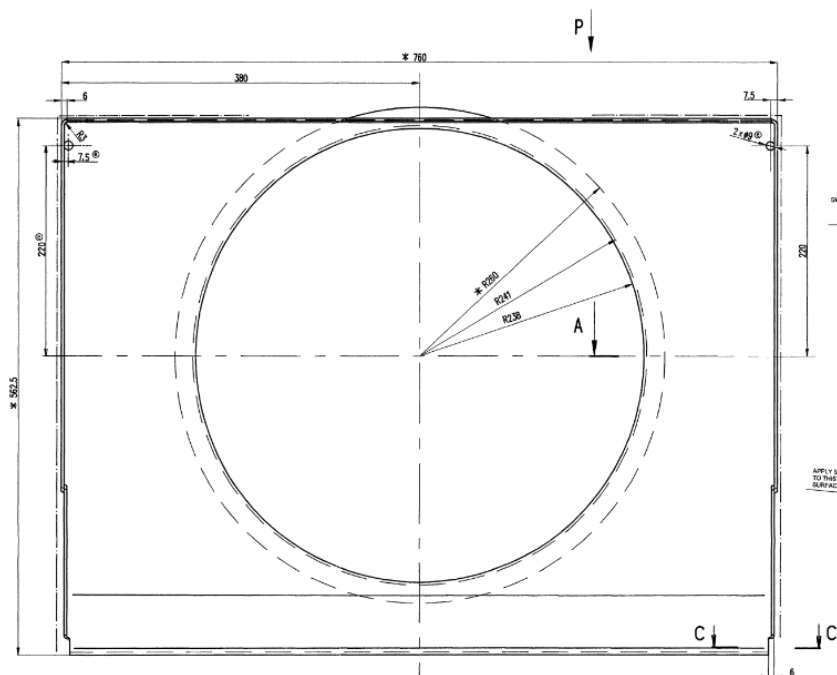
Mounting of air intake on cabin

ii) Air duct:

Air ducts (Plastic trim) has to be provided for engine cooling, and has to be riveted to Engine tunnel. Material used is polyester glass laminated with graphite black color.



Air duct



2. Scope of work:

Based on the response from Interested Firms for this EOI, Separate RFQs will be floated to shortlist one capable firm for development of Air intake & Air duct.

NDA and MoU will be signed with the final firm evaluated in the RFQ. BEML will issue drawing & specifications to the firm.

A. The development and Production is planned in three phases

- 1) Development stage: 5 set air intake & air duct to be developed within 1 months of contract.
- 2) Pilot Production stage: 10 set air intake & air duct to be produced based on feedback of prototypes within 1 month from prototype clearance.
- 3) Bulk Production stage: More than 600 numbers in the first year after pilot batch clearance by BEML/MoD.

B. The brief scope of work is,

- a. The firm has to offer the finished air intake & air duct for inspection and clearance by BEML.
- b. Supply the air intake & air duct to BEML along with quality records for having complied for materials, processes and dimensions.

C. Associate with BEML during integration, furnishing, internal trials

D. Firm has to give necessary material test certificates.

3. Pre-Qualification Criteria:

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

- i. Firm having more than 5 years of experience in design, development, and development of such products.
- ii. Firm with sound financial status – Consistently profit making for the past 3 years.
- iii. Firm should be certified for the latest Quality Management System.
- iv. 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.
- v. The firm shall have the following basic and essential facilities to qualify to this EOI.
 - a) Latest CAD software & hardware for handling Design & Documentation
 - b) Capability to design and development of such products.

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

- i. Company Registration certificate indicating name of the firm, year of establishment, incorporation details, Members of the Board, URL of the firm's website.
- ii. Name of the contact person, address, Telephone, Fax & email
- iii. Number of years of experience in design and development of such products..
- iv. Copy of the Supply Orders to brief the past and similar ongoing projects, if any.
- v. Details of IT infrastructure and certificates of quality management system of the firm.
- vi. Financial performance documents (Audited Balance sheets and Profit & Loss statements etc.) with details of turnover for last three (3) years
- vii. Details of Contract(s) or order(s) terminated before completion, if any
- viii. Details of any premature termination of job/supply order/contract for Min of Defence, India or any other Government / Quasi Government organization in India.
- ix. Value of largest two projects executed in last 5 years
- x. Capability to furnish Bank guarantees.
- xi. Details of important customers

Note: The responses from Firms/OEMs that are black listed/restricted by Government of India or its Agencies will not be considered.

5. Submission of EOI:

In this context, EOI in sealed cover, Providing manufacturing capability details, documents, similar existing product development details, covering letter and certificates (MSME, ISO etc) shall be submitted by interested reputed firms, superscribing "**Expression of Interest' for development of air intake & air duct**" on or before **14:00 hours of 16.09.2019**.

Deputy General Manager –Materials
BEML LIMITED,
KINFRA Park, Menon Park Road,
Kanjikode East,
Palakkad – 678 621

Kerala

India.

For any queries please contact below mentioned details:

Tel (Off): 0491 2568178

Email: pm@beml.co.in

The last date for receipt of EOI at the above address will be as per the information published and will be opened on the same date at 1515 hrs.

~~~~\*~~~~