

**EXPRESSION OF INTEREST**  
**GOVERNMENT OF INDIA, MINISTRY OF DEFENCE**  
**HEAVY VEHICLES FACTORY AVADI, CHENNAI-600054 (INDIA)**

PHONE-044-2684 3072/3267, FAX-044-26841824, E-MAIL-tasteelhvf.ofb@ofb.gov.in

On behalf of president of India, Sr. General Manager, Heavy Vehicles Factory, Avadi, Chennai -600054, invites "Expression of Interest" from the reputed Manufacturers with proven track record and having state-of-art manufacturing & quality assurance systems for manufacturing and supply of INVESTMENT CASTINGS as required for Armoured Vehicles. This EOI is being issued for enlisting the vendors after due technical & commercial evaluation of their capability to manufacture the items. Based on this, the enlisted vendors will be eligible for issuance of TE against regular requirement (as and when need arises) for the item.

Requirement of Castings of Steel for Investment Casting is given below:

Sl No	Short description	Specification required for casting development (copy enclosed)	Weight of the Castings	Size of the Castings			Tentative Qty. Required/ Annum
				Length	Width	Thickness	
1	Investment Casting	172 TY-10 GOST 977-88	Varying from 0 Kgs to 5 Kgs appr.	Max. Upto 300MM appr.	Max. Upto 250 MM appr.	Max. Upto 220 MM appr.	35 to 40 Tons

The following specification to be refered for acceptance criteria/Chemistry GOST 977-88, OST 3. 4365,OST B3 2519 of Investment Castings material Specification given in component drawing.

Further any clarification contact: PHONE-044-2684 3072/3267, FAX-044-26841824, E-MAIL-tasteelhvf.ofb@ofb.gov.in

Firms having Investment castings facilities may participate in the EOI

**SALIENT TERMS AND CONDITION OF EXPRESSION OF INTEREST:**

1. Vendor should have the facility for making Casting (like Arc/Induction melting /refining facilities, handling equipments etc..) supporting documents like Machine size, Capacity, Make Year of manufacturing etc to be enclosed.
2. The firm is required to have the following test facilities either at firm premises (or) tie-up with any NABL accredited Lab at firms' city.
  - a) Chemical analysis by Spectrometer.
  - b) Mechanical testing
    - I. Hardness test
    - II. Tensile Test
    - III. Impact Test
    - IV. Fracture Test
  - c) Metallographic for Micro structure Analysis and Macro Analysis.
  - d) Any other tests as per the product specification(enclosed) as casting quality monitoring plan.
3. The relevant casting / material speciation are uploaded
4. Vendors are requested to study the technical documents thoroughly. If felt necessary the vendor's representative may visit HVF with prior appointment to understand exact requirements and clarifications.

5. The vender should be in possession of class-3 digital signature to participate in the e-tender
6. Vendors are required to submit "Expression of interest" in the OFB e-procurement website <https://ofbeproc.gov.in> along with the following information to be upload in site(or) forwarded to HVF within 30 days from the date of publish.
  - a. Manufacturing plan and QA plan for the subject item.
  - b. Manufacturing facilities including machines, capacity, trained manpower etc.
  - c. Testing facilities.
  - d. Quality system certification (s); preferably be ISO-9001 certified.
  - e. List of customers to whom similar types of items are being supplied.
  - f. vendor must apply for registration/VRRF (if not registered for the item) through the website with web address <http://ofb.gov.in/vendor>, the details of step to be followed by vendor, are mentioned in the link under the caption "HELP".
  - g. Firm's should submit Fee for capacity verification / Registration through online <http://ofb.gov.in/vendor>
    - a) Large & Medium scale Industries - Rs.5000/-
    - b) Small Scale Industries - Rs.2000/-
  - h. vendors who are already registered for the item, may apply in the Addendum option in the web address <http://ofb.gov.in/vendor>.
  - i. **After applying through the above, vendor has to take print-out of the filled up VRRF and attach the same while submitting their offer against EOI.**
7. For further details and information please refer <https://ofbeproc.gov.in>.
8. If found qualified, the capacity verification will be done by HVF team.
9. Vendors whoever has qualified technically for the subject item will be eligible for issuance of Tender.
10. Decisions of HVF regarding short listing of bidders against the EOI shall be final and the HVF reserves the right to reject any or all of the bids without assigning any reason.

Sd  
Joint General Manager  
For General Manager  
Heavy Vehicles Factory