

**PRE-QUALIFICATION REQUIREMENT FOR ALLOY 617 INGOT FOR MANUFACTURING  
OF HP VALVE CASING**

REVISION NO: 03

Date: 01.08.2024

Vendor must meet the following criteria:

- A.** Vendor must have VIM facility (vendor to specify the capacity and quantity along with modality of achieving the desired ESR Ingot) and VAR/ ESR of capacity  $\geq 22$  MT. Vendor has to submit detailed supporting documents like manufacturing process flow chart, melting facilities available and any other relevant documents (as per BHEL requirement) to establish the capability of making the Ingots/Forging. Approval of BHEL shall be mandate for consideration.
- B.** Vendor must have manufactured Ingots (of weight  $\geq 10$  MT)/ Forgings (of ship weight  $\geq 7.5$  MT) in material grade alloy 617 or equivalent nickel alloys, through VIM + VAR/ESR route on or before the enquiry opening date.

In support of the above, the vendor has to furnish details of their past supply in the format below:

Sl No	Ingot/forging size dia x length	Despatch wt of ingot/forging (kg)	Material grade	Qty	Year of supply	Customer to whom ingot/forging was supplied*	Name & address of customer*

\* IF NO CONFIDENTIALITY AGREEMENT IS DONE WITH CUSTOMER

**OR**

In case vendor has experience of manufacturing and supplying range of Ingot (of weight  $\geq 5$  MT to  $\leq 10$  MT)/ Forgings (of ship weight  $\geq 3.75$  MT to  $\leq 7.5$  MT) in alloy 617 or equivalent nickel alloys, his offer may be considered if he has manufactured Alloy steel or Super alloy ingots of atleast 20 MT and above with following conditions:

- Details of the Ingots (of weight  $\geq 20$  MT)/ Forgings (of ship weight  $\geq 15$  MT) supplied (grade, size, customer, year of supply)
- Contact details of customer need to be furnished (like name of contact person, e-mail id, phone number etc)

In support of the above, the vendor has to furnish details of their past supply in the format below:

Sl No	Ingot/forging size dia x length	Despatch wt of ingot/forging (kg)	Material grade	Qty	Year of supply	Customer to whom ingot/forging was supplied	Name & address of customer

- C.** The average annual turnover in last three preceding years of the vendor must be greater than Rs 3.6 Crores. Vendor must have positive net worth in financial year just preceding current financial year. The relevant financial supporting documents need to be furnished by the vendor.

OR

If the vendor is a regular supplier of ingots or forging in similar grade or steel (weighing  $\geq 22$ T) and satisfying the criteria under clause a) & b)

**# NOTE:**

1. All documents submitted must be in English only.
2. All documents submitted in offer must be signed by Authorised person of principal manufacturer.