



BHARAT HEAVY ELECTRICALS LIMITED
BHEL, HEEP: HARDWAR-249403 (UK)
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EOI No.: PPX-BHEL/IP OUTER CASING-NODULAR CAST IRON/EOI/21-22

Due Date: 21.04.2022

Notice for Expression of Interest (EOI) for empanelment of New Vendors

The Heavy Electrical Equipment Plant (HEEP) located in Haridwar, is one of the major manufacturing plants of BHEL. The core business of HEEP includes design and manufacture of large size steam and gas turbines, turbo generators, heat exchangers, condensers and auxiliaries.

We are looking for reputed vendors having capability to manufacture & supply of IP Outer Casing in Nodular Cast Iron for Steam Turbine application.

Prospective suppliers may submit their offers for the EOIs.

Contact persons:

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Mr. Ravi Shankar Kumar
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The offers received will be technically evaluated by BHEL & successful short listed parties will be asked to submit their detailed Techno-Commercial offers through formal NIT/Enquiry for our future requirements. Vendors shall confirm that there is no deviation with respect to BHEL Specifications. However, deviations, if any are to be listed as a separate attachment. The offers that do not meet the substantial requirements of our specifications are liable to be ignored.



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Following documents are to be necessarily filled and submitted along with the technical offer:

1. Details/Documents in support of Specification/PQR (**Annexure-PQR**).
2. Supplier/Vendor Registration Form - Go through online supplier registration portal <https://supplier.bhel.in/>. After filling the online registration form send the copy of same along with your offer within due date.
3. Details of Manufacturing Facility.
4. Company Profile.
5. Past experience along with documentary proof.

Only Technical BID along with the documents mentioned above should be sent and the envelope containing the offer shall be duly sealed and super scribed as **“Technical Bid for manufacture & supply of ‘IP Outer Casing in Nodular Cast Iron for Steam Turbine application against ‘BHEL EOI No. PPX-BHEL/ IP Outer Casing in Nodular Cast Iron /EOI/21-22 Due Date - 21.04.2022, submitted by (Name of company)”**.

- This notification shall be published on www.hwr.bhel.com, www.bhel.com & www.eprocure.gov.in
- Last date for downloading tender documents shall be 20.04.2022 till 1700 Hrs.(IST). EOIs received up to 13:45 Hrs. (IST) on 21.04.2022 will be considered and opened on the same day at 14:00 Hrs. (IST) in the Tender Room BHEL HEEP, Haridwar.
- Technical Offers complete in all respect must be addressed to “AGM (PPX-T)”.
- EMD & Tender fee are not applicable.
- The Quotation should be from the Principal/Original Manufacturer, failing which the quotation is likely to be ignored. In Case the quotation is submitted through agent, the quotation must accompany original authorization letter.
- BHEL will not be responsible for any type of postal delay / incomplete information from vendor.
- Amendments / Corrigendum, if any, will be hosted on our web site only.
- Drawings & specifications will be shared with vendor after receiving duly filled and signed & stamped Non-Disclosure and Proprietary Information Agreement (**Annexure-Non-Disclosure Agreement**).
- Vendors submitting their bids through e-mail may be advised to have following clear subject line:
 1. EOI/ Tender Enquiry Reference No. _____
 2. Bid opening Date (Techno-commercial) _____

Vendor to submit their bids as attachment (pdf format) with password protection and share the password through mail (tendercell.heep@bhel.in) after 1:45 PM (IST) on the day of bid opening, however, if no password is received up to 4:00 PM (IST) bids will not be opened and will be ignored. Submission of bids through email shall be considered as consent to open the bid without physically witnessing the event.

For any further details, please log on to www.hwr.bhel.com, www.bhel.com & www.eprocure.gov.in.



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Annexure-PQR

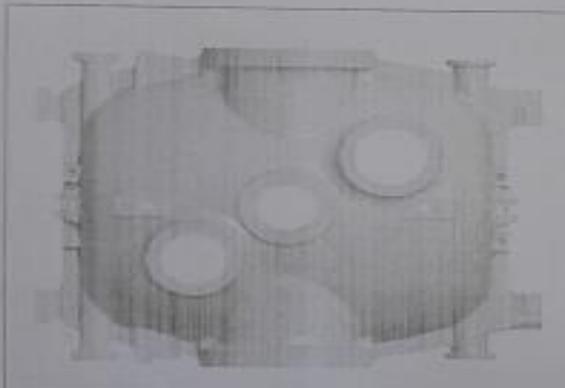
EXPRESSION OF INTEREST (EOI) FOR IP OUTER CASING IN NODULAR CAST IRON FOR STEAM TURBINE APPLICATION

1. **Technical requirement:** IP Outer casing in two halves (Upper and Lower Halves)
2. **Material grade:** - Nodular grade casting EN-GJS-400-18-RT (Material No. 5.3104) /GGG 40.3.
3. **Manufacturing Process:** - Sand casting
4. **Weight of Casting:**

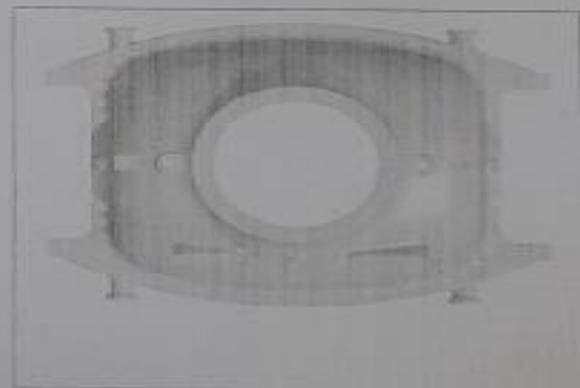
Variant	Lower Half (Ton*)	Upper Half (Ton*)
01	38	29
02	42	36

* Single Piece (without any fabrication/welding) as-cast delivery weight

5. **Manufacturing and Testing Facility Requirement:** -
 - a. Vendor should have suitable in-house facilities like melting, casting & handling to manufacture above casing casting.
 - b. Details of in house facility for handling, melting, casting and heat treatment are to be submitted.
 - c. Vendor to provide details of in-house facilities for carrying out destructive and non-destructive testing.
6. **Past Experience:** -
Experience details of manufacturing and supplying castings in nodular cast Iron of near similar geometry (refer photo below) and weight range (as given above) are to be submitted in following format.



Lower Half



Upper Half

