



BHARAT HEAVY ELECTRICALS LIMITED

HEEP: HARDWAR-249403 (UK)

Fax: 01334-226462, Phone: 01334-281143

E-mail: deepakkumar1@bhel.in; harjesh@bhel.in

**Tender no: PPX-BHEL/ Angulating Spring Supports along with Weld on Brackets /STE-TG/EOI/21-22
Due Date: 25.11.2021**

Notice for Expression of Interest 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 Angulating Spring Supports along with Weld on Brackets.

Contact persons:

Mr. Harjesh Verma
Designation: Dy. Mgr. (PPX-T)
Email: harjesh@bhel.in
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Mr. Deepak Kumar
Designation: Mgr (PPX - T)
Email: deepakkumar1@bhel.in
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Mobile: +91 7088691410

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-I**)
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. Financial report of the company.
6. Past experience along with documentary proof.

Only Techno-Commercial BID along with the documents mentioned above should be sent and the envelope containing the offer shall be duly sealed and super scribed as **“Techno-Commercial Bid for ‘Manufacture & supply of Angulating Spring Supports along with Weld on Brackets’ against Tender No. PPX-BHEL/ Angulating Spring Supports along with Weld on Brackets /STE-TG/EOI/21-22 Due Date -22.11.2021, 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 24.11.2021 till 1700 Hrs.(IST). Tenders will be received up to 13:45 Hrs. (IST) on 25.11.2021 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 & specification will be shared with vendor after receiving filled-in signed & stamped 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.

AGM (PPX-T)



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Annexure-I



Expression of Interest (EOI) for Supply of Angulating Spring Support along with Weld on Brackets

Item Description

Angulating Spring Supports along with Weld on Brackets are used to support HP & IP Turbine Valves having weight up to 50 Tonnes (approx.). These are also designed to take care of thermal expansion during operation. The Angulating Spring Supports are fitted on one side with an adjustable load tube and a rotating ball bushing joint and on the other with a fixed ball bushing joint. Angulating Spring Support is able to absorb lateral displacements and is practically free from friction forces. The resulting forces are almost completely eliminated in all planes, both in vertical as well as horizontal direction of movements. Pictorial representation of Angulating Spring Supports along with Weld on Brackets is as under (Refer Figure - 1):

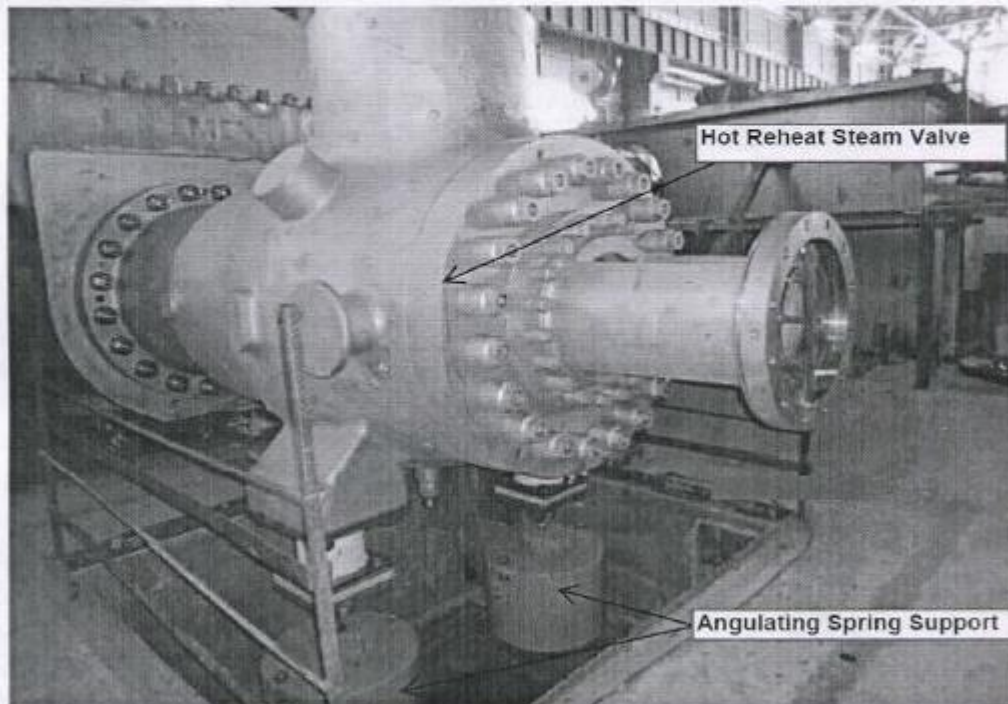


Figure-1

A. Qualification Criteria:

The parties meeting the below mentioned experience, Manufacturing & Testing Facilities Requirement and Technical Requirement shall be considered for further development of vendor for Supply of "Angulating Spring Support along with Weld on Bracket".



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Expression of Interest (EOI) for Supply of Angulating Spring Support along with Weld on Brackets

1. Experience Requirement:

- The vendor should have the experience of manufacturing, testing & supply of “Angulating Spring Support along with Weld on Bracket” for Steam turbine unit having name plate rating 210 MW or above. The vendor to confirm.
- The vendor should have the experience of satisfactory operation of supplied “Angulating Spring Support along with Weld on Bracket” for at least two (2) Steam turbine unit, for minimum one year as on date of issuance of EOI. The vendor to confirm.

In support of above points (a & b) the vendor to submit the following:

- Details of their past supplies of “Angulating Spring Support along with Weld on Bracket” in the experience list format as per table-1 given below:

Table-1
Experience list format

| Sl. No. | | To be filled by vendor |
|---------|---|------------------------|
| 1. | Name of the project and its Location | |
| 2. | Client name and its address, Fax no. & Tel. No. | |
| 3. | Name and designation of the responsible person in client's organization & e-mail address | |
| 4. | Contract (P.O.) No. & Date | |
| 5. | Name plate rating in MW of unit | |
| 6. | Date of supply | |
| 7. | Date of Commencement of operation of Angulating Spring Supports along with Weld on Brackets in system | |
| 8. | Manufactured by | |
| 9. | Max. operating load range of Angulating Spring Support | |
| 10. | Max. Travel of Angulating Spring Support | |
| 11. | Application | |

- Test certificates (for Spring rate of Angulating Spring Support), Material certificates, drawings & BOM of supplied “Angulating Spring Support along with Weld on Bracket”.



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iii- Either of the following for supplied “Angulating Spring Support along with Weld on Bracket”:

- a- Copy of Purchase orders, Test reports of the project and Commissioning protocols (if available). The Purchase order (P.O.) shall not be prior to 01.01.2014; **OR**
- b- Certificates of satisfactory operation from their client / End user. The date of issue of experience certificate from their client / End user shall not be prior to 01.01.2014.

2. Manufacturing & Testing Facilities Requirement:

- a. Vendor to confirm that they have in-house machining facilities to manufacture “**Angulating Spring Support along with Weld on Bracket**”.
- b. Vendor to confirm that they have all the in-house facilities for testing of this item. If the vendor intends to outsource any testing activity, particulars of the same along with details of the laboratory to be furnished to BHEL.

3. Technical Requirement:

The vendor should be capable of manufacturing, testing & supply of “**Angulating Spring Support along with Weld on Bracket**” for Steam turbine application with technical parameters listed below. The vendor to confirm.

- i) Maximum operating load: ≥ 300 KN
- ii) Travel: ≥ 100 mm

B. Selection of Supplier/ Manufacturer / Company:

Based on the information provided under this EOI, the prospective Supplier/ Manufacturer / Company shall be technically shortlisted. The short listed Supplier/ Manufacturer / Company will further be evaluated based on their credentials.

Pre-bid clarification meeting can be held with the short listed parties regarding deliverables and physical checking of facilities at vendor works.



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DISCLAIMER

All information contained in this EOI provided / clarified are in good interest and faith. The information contained in this Expression of Interest document or subsequently provided to Applicant(s), whether verbally or in documentary or any other form, by or on behalf of BHEL, is provided on the terms and conditions set out in this EOI and such other terms and conditions subject to which such information is provided.

The purpose of this EOI is to provide interested parties with information that may be useful for development of experienced vendors for supply of Angulating Spring Support along with Weld on bracket. This EOI is not an offer by BHEL to the prospective Applicant(s) or any other person. This EOI is neither intended nor shall it be construed as creating or requiring any ongoing or continuing relationship or commitment with any party or person. This is not an offer or invitation to enter into an agreement of any kind with any party.

Though adequate care has been taken in the preparation of this EOI document, the interested firms shall satisfy itself that the document is complete in all respects. The information is not intended to be exhaustive. Interested Agencies are required to make their own enquiries and assumptions wherever required. Intimation of discrepancy, if any, should be given to the specified office immediately. If no intimation is received by this office by the date mentioned in the document, it shall be deemed that the EOI document is complete in all respects and firms submitting their interest are satisfied with the EOI Document in all respects.

The issue of this EOI does not imply that BHEL is bound to select and shortlist Applicant(s) for next stage or to enter into any agreement(s) with any Applicant(s). BHEL reserves all right to reject any applications submitted in response to this EOI document at any stage without assigning any reasons thereof. BHEL also reserves the right to withhold or withdraw the process at any stage. Neither BHEL nor its employees and associates will have any liability any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this EOI document or any matter deemed to form part of this EOI document, the information and any other information supplied by or on behalf of BHEL. BHEL accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance/use of any statements/information contained in this EOI by the Applicant. BHEL is not making any representation or warranty, express or implied, as to the accuracy or completeness of any information/statements made in this EOI.

The Applicant shall bear all its costs associated with or relating to the preparation and submission of its Application including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by BHEL or any other costs incurred in connection with or relating to its Application. All such costs and expenses will remain with the Applicant and BHEL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation or submission of the Application, regardless of the conduct or outcome of the EOI.