



**BHARAT HEAVY ELECTRICALS LIMITED**

**HEEP: HARDWAR-249403 (UK)**

**Fax: 01334-226462, Phone: 01334-281143**

**E-mail: [deepakkumar1@bhel.in](mailto:deepakkumar1@bhel.in); [harjesh@bhel.in](mailto:harjesh@bhel.in)**

**Tender no: PPX-BHEL/ Rupture Disc /STE-TE/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 Rupture Disc.**

**Contact persons:**

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Mr. Deepak 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-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 ‘Rupture Disc’ against Tender No. PPX-BHEL/ Rupture Disc /STE-TG/EOI/22-09-2021 Due Date -25.11.2021, Submitted by (Name of company)”**.

- This notification shall be published on [www.hwr.bhel.com](http://www.hwr.bhel.com), [www.bhel.com](http://www.bhel.com) & [www.eprocure.gov.in](http://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](mailto: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](http://www.hwr.bhel.com), [www.bhel.com](http://www.bhel.com) & [www.eprocure.gov.in](http://www.eprocure.gov.in).

**AGM (PPX-T)**



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### **Annexure-I**



#### **Expression of Interest (EOI) for Manufacturing & Supply of Rupture Disc**

##### **Description**

A rupture disc (Refer Fig.1), also known as a pressure safety disc, burst disc, bursting disc, or burst diaphragm, is a non-reclosing pressure relief safety device that, protects a Low Pressure turbine equipment or system from over pressurization or potentially damaging vacuum conditions



**Figure-1: Rupture Disc**

##### **Qualification Criteria**

The parties meeting the below mentioned technical criteria shall be considered for further development of vendor for Rupture Disc for Steam Turbine sets as per the BHEL specification / Drawings / Technical delivery conditions.

##### **A. Technical Criteria:**

1. The Vendor should be a regular Supplier of Rupture Disc (in final condition) and Vendor should have supplied at least Five (5) nos. of Rupture Disc to OEM (Original Equipment Manufacturer) of Steam Turbine Manufacturer or Thermal Power Plant of Steam Turbine application during the last 7 years with following technical details –

SL. No.	Product features	Details
1.	Item Description	Rupture Disc
2.	Raw Material of Diaphragm	Steel (1.4301) + Teflon + steel (1.4301)
3.	Size	Outer Dia.: 1000mm and above Thickness: 2mm and above Height : 100mm and above
4.	Pressure	400 mbar (g) $\pm$ 50 mbar
5.	Vacuum Load	Full Vacuum
6.	Pressure Equipment Directive (PED)	97/23/EC

In support of above supply experience, supplier has to furnish the following:



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- A. At least 1 no. copy of Un-Priced Purchase Orders executed with details as per Table-1. However, if total quantity is less than 5 nos. in one PO then vendor to submit multiple POs to justify the supply of 5 nos. of quantity.

**Table-1**

Sl. No.	Name of Customer	Detailed Address	Name, Phone no. and email - Id of contact person	Purchase order No.	Date of Supply	Size of Rupture Disc ( with size & pressure details)	Raw material of Rupture Disc	Qty.

- B. Test certificate (as given below) for Rupture Disc for any one of the submitted PO. The submitted test certificate should have co-relation with the PO.

- Material Test certificate
- Dimensional reports

- Acceptance certificate/dispatch document from customer for any one of the submitted PO.

**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 on the basis of terms and conditions defined in the enquiry.

Pre-bid clarification meeting can be held with the short listed parties regarding scope, confidentiality requirements and deliverables, 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 Rupture Disc. 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.