



**BHARAT HEAVY ELECTRICALS LIMITED**

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

E-mail: [pankaj.yadav@bhel.in](mailto:pankaj.yadav@bhel.in)

**Tender no: PPX-F/WT/20-21/07**

**Due Date: 20.01.2021**

**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 steam and turbo generators, condenser and so on.

**We are looking for reputed vendors having capability to manufacture & supply following materials-**

Sl.	Description	Probable Sizes & Annual Requirement	Pre-Qualification Requirements & Selection Principle
1	GMAW filler wire "ER NiCr-3 (In spool) as per AWS 5.14 or "SG-NiCr20NB" as per DIN 1736	Dia:- 1.2 mm-----150 Kg	<b>Annexure-1 (EOI Details)</b>

**Contact persons:**

Mr. Pankaj Yadav  
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Mr. Abhay Ranjan  
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Phone No: +91 1334-285239  
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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/PQR (Annexure-1)
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 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 Offer for (ITEM NAME/ DESCRIPTION) Against Tender No. PPX-F/EOI/WT/20-21/07. Due Date-20.01.2021, SUBMITTED BY (Name of company)**"

1. This notification shall be published on <https://eprocurebhel.co.in/nicgep/app>, [www.hwr.bhel.com](http://www.hwr.bhel.com) and [www.bhel.com](http://www.bhel.com) portals.
2. Last date for downloading tender documents shall be 19.01.2021 till 1700 Hrs.(IST). Tenders will be received up to 13:45 Hrs. (IST) on 20.01.2021 will be considered and opened on the same day at 14:00 Hrs. (IST) on <https://eprocurebhel.co.in/nicgep/app>.
3. Technical Offers complete in all respect must be addressed to "Shri Pankaj Yadav, Manager (PPX - F)".
4. EMD & Tender fee are not applicable.
5. The Quotation should be from the Principal / Original Manufacturer, failing which the quotation may likely to be ignored. In Case the quotation is submitted through agent, the quotation must accompany original authorization letter.
6. Late offers will not be considered in any case. BHEL will not be responsible for any type of postal delay / incomplete information from vendor.
7. Amendments / Corrigendum, if any, will be hosted on our web site only.

For any further details please log on to <https://eprocurebhel.co.in/nicgep/app> or [www.hwr.bhel.com](http://www.hwr.bhel.com) or [www.bhel.com](http://www.bhel.com).

  
(Pankaj Yadav)  
Manager (PPX-F)



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## ANNEXURE-I

### Expression of Interest

For

**GMAW filler wire “ER NiCr-3 (In spool) as  
per AWS 5.14 or “SG-NiCr20NB” as per  
DIN 1736**



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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 GMAW filler wire “ER NiCr-3 (In spool) as per AWS 5.14 or “SG-NiCr20NB” as per DIN 1736. 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





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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 to whatever degree or extent 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.



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**Pre-Qualification Requirement (PQR)**  
**For**  
**GMAW filler wire “ER NiCr-3 (In spool) as per AWS 5.14 or “SG-  
NiCr20NB” as per DIN 1736**

- a. This welding wire is being used for welding of various grades of creep resistant steels. Vendor must have to submit creep data as following:  
**Creep Rupture Strength:** 112 N/mm<sup>2</sup> at 600<sup>0</sup>C for 10,000 Hrs  
160 N/mm<sup>2</sup> at 600<sup>0</sup>C for 1000 Hrs  
Creep testing must be carried out at NML, Jamshedpur/ BHEL R&D, Hyderabad / any other mutually agreed reputed agency.
- b. In case, vendor submits satisfactory creep data, vendor to submit sample welding wire to Welding Technology Division of HEEP/BHEL/Hardwar for chemical/mechanical testing as per specification.
- c. In case of fulfilment of above two conditions, a development order will be placed for checking usability of welding wire at shop floor.
- d. After satisfactory shop performance feedback of the electrode, vendor will be enlisted as approved vendor in respective PMD at HEEP, BHEL, Hardwar.



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### **Selection of Supplier/ Manufacturer / Company**

The parties meeting the above mentioned criteria shall be considered for further development of vendor for GMAW filler wire “ER NiCr-3 (In spool) as per AWS 5.14 or “SG-NiCr20NB” as per DIN 1736 as per the BHEL specification / Drawings / Technical delivery conditions.

Supplier should have experience of manufacturing and supply of GMAW filler wire “ER NiCr-3 (In spool) as per AWS 5.14 or “SG-NiCr20NB” as per DIN 1736. Supplier must have supplied at least 100 Kg in the last 5 years (As on date of issue of EOI).

In support of the above specified experience requirement, supplier has to furnish details in the format given below:

<b>Sl. No.</b>	<b>Description</b>	<b>Diameters</b>	<b>Name &amp; Address of customer</b>	<b>P.O. Number &amp; Year of supply</b>
01	GMAW filler wire “ER NiCr-3 (In spool) as per AWS 5.14 or “SG-NiCr20NB” as per DIN 1736	1.20mm		

Supplier has to submit documentary evidence in support of above experience:

- Purchase Order Copy
- Dispatch documents of above Supply
- All test certificates pertaining to above supply
- The correlation of test certificates with purchase order referred in support of experience has to be ensured by supplier.



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1. From the above supply respective customer certificate in support of satisfactory operation is to be submitted.
2. Supplier to furnish documents/ photographs which clearly specifies the facility for manufacturing of GMAW filler wire “ER NiCr-3 (In spool) as per AWS 5.14 or “SG-NiCr20NB” as per DIN 1736.
3. Supplier should have sufficient pre-fabrication machining facilities and should provide the details of all manufacturing facilities.

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.