

**BHARAT HEAVY ELECTRICALS LIMITED****HEEP: HARDWAR-249403 (UK)****E-mail: [pankaj.yadav@bhel.in](mailto:pankaj.yadav@bhel.in)****Tender No.: F/6420/2020/3693/L1****Due Date: 10.02.2021****SUB: BHEL-HEEP/OPEN-TENDER (SAW FILLER WIRE E-A2 & EB2R AND MATCHING FLUX)**

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.

For this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local supplier/ Non- Local supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 16.09.2020 issued by DPIIT (**Annexure- VIII**). In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.

Only 'Class- I local supplier' and 'Class- II local supplier', as defined under the order 2017 dated: 16.09.2020 (**Annexure- VIII**) shall be eligible to bid in this procurement and must submit self-certification for local content (**Annexure- X**).

Online offers are invited through e-procurement portal <https://eprocurebhel.co.in/nicgep/app> from suppliers for the supply of the following items: -

Sl.	Description	Quantity	Pre-Qualification Requirements & Performance Feedback
1	<b>HW7799995149</b> <b>SUBMERGED ARC WELDING FILLER WIRE TYPE E-B2R (IN SPOOL) SPEC.- ASME SEC- IIC, SFA 5.23 SIZE: DIA-2.0MM</b>	25KG	Annexures
1	<b>HW7799991437</b> <b>SUBMERGED ARC WELDING FILLER WIRE IN SPOOL TYPE E-B2R (FOR WELD OVERLAYING ON WELD METAL TYPE E-A2), AS PER ASME SECTION- IIC, SFA 5.23 SIZE: DIA-3.2MM</b>	75KG	
1	<b>HW7799991445</b> <b>MATCHING FLUX FOR SAW WIRE TYPE E-B2R (FOR DEPOSITION ON WELD METAL TYPE E-A2) AS PER ASME SECTION-IIC, SFA 5.23.</b>	150KG	

The Techno-Commercial offers received will be evaluated by BHEL & successful short listed parties will be asked to supply the item as per tender document. 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.

The tender documents can be downloaded from <https://eprocurebhel.co.in/nicgep/app>, [www.hwr.bhel.com](http://www.hwr.bhel.com) and [www.bhel.com](http://www.bhel.com) portals.

Last date for downloading tender documents shall be 09.02.2021 till 17:00 Hrs.(IST). Tenders will be received up to 13:45 Hrs. (IST) on 10.02.2021 will be considered and opened on the same day at 14:00 Hrs. (IST) on <https://eprocurebhel.co.in/nicgep/app>. BHEL will not be responsible for any type of delay.



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Only those vendors who fulfill the Minimum Qualifying Requirements (**as per Annexure-I**) will be considered for further technical evaluation.

**Earnest Money Deposit (EMD):**

EMD & Tender fee are not applicable.

Kindly read "**Essential Instructions to Bidders**". Quotation not in accordance with the instructions are liable to be disqualified and ignored.

**ESSENTIAL INSTRUCTIONS TO BIDDERS**

1. Vendors must fill up **Annexure- I** in confirmation to Pre- Qualification Requirements and quality requirements.
2. BHEL team may visit the vendor (s) works for verification of capability and capacity claimed in tender documents/offer (s).
3. The tenders shall be submitted in two parts
  - i. Part I - Techno -Commercial Bid & Pre-Qualification Requirement,
  - ii. Part II - Price Bid
4. 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 and following to be followed-
  - a) Either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both.
  - b) In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored.
  - c) The agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender.
5. The authorization letter from the manufacturer, clearly indicating contact details like Name, E-mail & address of manufacturer and relationship with agent and its validity to be submitted with bid. The authorization letter should be tender specific. In case order is to be placed and executed by the agent, the following aspects are to be ensured-
  - a) The manufacturer should meet the PQR requirements as defined in the tender.
  - b) In order to establish capability of agent to execute the order, the agent should have annual turnover of at least equal to the estimated value of the goods required under the subject tender during one Financial Year and Net worth of the bidder (agent) should be positive.
  - c) Manufacturer and bidder should Jointly confirm Guarantee for the Quality of product and timely delivery as stipulated in NIT (Submit Annexure-X with offer).
6. Documents submitted with the offer/bid by the bidder shall be signed and stamped in each page by authorized representative of the bidder.
7. Any corrections / amendments shall be properly & fully authenticated with signature. No overwriting is acceptable.
8. Part-I containing Techno-Commercial bid & Pre-Qualification Requirement will be opened on the date and time specified in the tender notice.



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9. Part-II (Price Bids) along with supplementary price bids, if necessary, will be opened at a later date of only those bidders whose techno-commercial bid has been found acceptable.
10. Suitability of delivery shall be the important criteria for evaluation of techno commercial bid.
11. **Evaluation of Bid:** - The bid shall be evaluated
  - a) Cost to BHEL basis. (Basic Cost + Insurance + Inspection + Transportation + Duty + Taxes)
  - b) The loading, if any, on account of LD penalty, payment terms or any other cost determined at later stage, which shall be communicated to the vendor.
12. Tenders when finalized shall be in the name of the bidder only and change of name during tender evaluation (without certificate from registrar of company) and after submission of the tender is liable to make the offer ineligible for participation.
13. All test certificates / Guarantee certificates to be submitted in TRIPLICATE along with dispatch documents.
14. BHEL reserves the right to open the price bid (part-II) along with the opening of techno-commercial offer at its option and in that case vendor will be informed accordingly.
15. BHEL reserves the right to go for reverse auction. Vendors are requested to give their best price. In case of failure of reverse auction, the price bid shall be processed. 'Guidelines for Reverse Auction are available at following link  
[http://www.bhel.com/vender\\_registration/vender.php](http://www.bhel.com/vender_registration/vender.php)
16. Total weight--/Gross/Net in Kg & also package size essentially should be indicated if not exact then approximate.
17. BHEL will evaluate the technical bids against essential criteria/requirements. BHEL may seek clarifications, if required, from the qualified bidders only. These clarifications will be communicated to the eligible vendors. The offers of those bidders, who are unable to respond in specified time frame, are likely to be ignored.

**Note:** Please visit our site <https://hwr.bhel.com> for General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries. All the bidders / vendors must ensure compliance of latest GISTC. GISTC are available in following link <https://hwr.bhel.com/bhelweb/Gistc.jsp>.

In case you are not making an offer against this enquiry, then please arrange to send a letter of regret.



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**DETAILS OF COMPOSITION OF PART-I (TECHNO-COMMERCIAL BID) AND  
PART-II (PRICE BID)**

**PART-I (TECHNO-COMMERCIAL BID)** shall comprise of following documents:

- a. Confirmation to Minimum Qualification Requirement and Quality Requirement as per Annexure-I.
- b. Complete technical offer as per specification & technical requirement along with un-priced bid.
- c. Delivery schedule.
- d. Validity of offer to be indicated (offer validity shall not be less than 90 days).
- e. **Annexure- VI** - Compliance sheet for technical/commercial terms and conditions for two-part tender.
- f. Deviation with reference to specification if any, should be clearly indicated on a separate sheet.
- g. Details of activity outsourced.

**PART -II (Price Bid)**

- a. Price bid with prices to be submitted as part-II of the tender.
- b. Prices should remain firm till the execution of the order.
- c. Prices may be quoted on FOR- Destination- Store-HEEP-BHEL basis.
- d. Insurance shall be taken care by BHEL.
- e. Prices are to be written in both Figures & Words. In case of any difference between the two, the figure written in words shall be considered for evaluation. No over writing in this is acceptable.
- f. Penalty for Late Deliveries shall be applicable @0.5% per week or part thereof on the value of respective delayed supplies subject to a maximum of 10% of the value of respective delayed supplies. Value of delayed supplies will mean the Gross Value payable to the vendor (Before LD) against such supplies excluding taxes and duties.



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**ANNEXURE-I**

**Pre-Qualification Requirement**

Following is the mandatory requirement. Offer of Vendors not meeting these requirements will not be considered.

**1) Technical Requirements-**

<b>Sl. No.</b>	<b>Technical Requirement</b>	<b>Vendor's confirmation (Y/N)</b>
<b>1</b>	<p>Bidder/ Vendor should have successfully manufactured and supplied SAW welding wire <b><u>"EB2R (Dia: - 2.0 &amp; 3.0/3.2 mm) and its matching Flux"</u></b> as per ASME, SEC-IIC, SFA 5.23 or <b><u>"S CrMo1 (Dia: - 2.0 &amp; 3.0/3.2 mm) as per EN ISO 24598-A &amp; its matching Flux SA FB 1 65 DC as per EN ISO 14174"</u></b> in last five years to a number of customers.</p> <p>In support of the above, Vendor to submit following documents:</p> <ul style="list-style-type: none"><li><b>a)</b> Copy of Purchase Order.</li><li><b>b)</b> Dispatch documents of above Supply</li><li><b>c)</b> All test certificates pertaining to above supply</li><li><b>d)</b> Contact details of the Purchaser (Postal address, E-mail &amp; phone no.)</li><li><b>e)</b> Certificate from the Purchaser/ End User as per Annexure-II for successful use of welding wire without any deviations.</li></ul>	
<b>2</b>	Vendor should submit technical data sheet of the offered brand meeting the technical requirement as per ASME, SEC-IIC, SFA 5.23 (EB2R).	
<b>3</b>	Vendor should supply welding wire in K-Type spool of 25 Kg	
<b>Note- This is applicable for both registered as well as un-registered vendors.</b>		

**Signature with stamp**

**Name:**

**Name of Firm:**

**Designation:**

**Date:**



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**ANNEXURE-II**

**Date:**

**“E-B2R” PURCHASER/ END USER CERTIFICATE  
(to be furnished by Purchaser/ End User)**

This is to certify that M/s ..... have manufactured and supplied **Submerged Arc Welding Filler Wire Type E-B2R** as per ASME, SEC-IIC, SFA 5.23 having details as given below.

- |        |   |         |
|--------|---|---------|
| (i)    | Purchase Order No.  | : ..... |
| (ii)   | Date of Purchase Order  | : ..... |
| (v)    | Weld bead appearance  | : ..... |
| (vi)   | Flexibility of welding wire with respect to SAW welding machine | : ..... |
| (vii)  | Smooth wire feed  | : ..... |
| (viii) | Copper coating peeling off                                      | : ..... |
| (ix)   | Quality of spool (Damaged/Broken)                               | : ..... |
| (x)    | Any other observation   | : ..... |
| (xi)   | UT Test   | : ..... |

This is to be certified that Heater/ heat exchanger is successfully erected and hydro tested.

Name of the Organization :  
Address :

Signature :  
Name of the Signatory :  
Designation :  
Phone No :  
Email :  
Date of issue :

Seal & Stamp of the  
Organization :

**Note:** If Purchaser's/End User's letter head is in language other than English then translation in English shall be written below header.



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**ANNEXURE-III**

**Date:**

**DETAILS OF MANUFACTURING FACILITY**

- 1) This is to certify that M/s..... has following in-house facility for manufacturing of **Submerged Arc Welding Filler Wire Type E-B2R** as per ASME, SEC-IIC, SFA 5.23
- 2) Date of Induction : .....
- 3) Company Profile : .....
- 4) Financial report of the company : .....
- 5) Past experience with documentary proof
- 6) Documents/ photographs which clearly specifies the facility for manufacturing .....
- 7) Details of sufficient pre-fabrication machining facilities .....
- 8) Details of the Manufacturing Facility .....
- 9) Any other facility: .....

.....  
.....

Address :

Signature :

Name of the Signatory :

Designation :

Phone No :

Email :

Seal & Stamp of the  
Organization :

**Note: If bidder's letter head is in language other than English then translation in English shall be written below header.**



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**ANNEXURE-IV**

**LIST OF DOCUMENTS TO BE SUBMITTED ALONG WITH OFFER**

- 1) Signed and stamped Annexure I.
- 2) Signed and stamped Annexure II.
- 3) Signed and stamped Annexure III.
- 4) Signed and stamped Annexure VI.
- 5) Signed and stamped Annexure IX.
- 6) Signed and stamped Annexure X.
- 7) Signed and stamped Annexure XI.



**BHARAT HEAVY ELECTRICALS LIMITED****HEEP: HARDWAR-249403 (UK)****E-mail: [pankaj.yadav@bhel.in](mailto:pankaj.yadav@bhel.in)****ANNEXURE-V****(Item Details and Delivery Schedule)**

S. No	Material Code	Material Description	Total Qty.	Delivery
1	HW7799995149	<b>SUBMERGED ARC WELDING FILLER WIRE TYPE E-B2R (IN SPOOL) SPEC.- ASME SEC- IIC, SFA 5.23 SIZE: DIA-2.0MM</b>	25 KG	10.04.2021
2	HW7799991437	<b>SUBMERGED ARC WELDING FILLER WIRE IN SPOOL TYPE E-B2R (FOR WELD OVERLAYING ON WELD METAL TYPE E-A2), AS PER ASME SECTION-IIC, SFA 5.23 SIZE: DIA-3.2MM</b>	75 KG	10.04.2021
3	HW7799991445	<b>MATCHING FLUX FOR SAW WIRE TYPE E-B2R (FOR DEPOSITION ON WELD METAL TYPE E-A2) AS PER ASME SECTION-IIC, SFA 5.23.</b>	150 KG	10.04.2021

**Remarks-**

1. The prices are to be quoted in per Kg only.
2. Quantity tolerance  $\pm 5\%$  is acceptable.
3. Wire and flux should be properly wrapped/packed in air tight polythene covers to ensure protection against moisture and rusting. The wire & flux should be suitably seaworthy packed to avoid damage during shipment and storage.
4. Early delivery is acceptable.
5. After receiving the material at BHEL Haridwar, chemical/mechanical testing as per ASME, Section-IIC followed by usability test at shop floor will be done. Approximate 2 months' time after receiving of material will be required to complete the tests. Acceptance /Payment will be done subject to successful test results. Acceptance criteria for usability test is attached (Apart from Chemical/Mechanical testing) in **Annexure-II**.
6. This is a development enquiry to increase the indigenous vendor base at HEEP, BHEL Haridwar.
7. Risk purchase clause as per **Annexure - VII** shall be applicable. If you do not confirm this in your offer, then it shall be presumed to be acceptable and no further confirmation will be taken after opening of techno-commercial bid part-1.
8. Penalty for late deliveries shall be applicable @0.5% per week or part there off on the value of respective delayed supplies subject to a maximum of 10% of the value of respective delayed supplies."
9. After placement of order vendor should submit their invoices against goods and services immediately after supply of goods & services but not later than 30 days from the invoice date. In case of any delay, consequential losses like loss of input credit and non-availability of concessional forms etc., shall be to the vendor account.

**NOTE:** The quantity indicated above can be increased/ decreased.



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**ANNEXURE-VI**

**BHEL Standard Terms & Conditions: To be confirmed and Submitted along with Techno-Commercial offer (Bid Part-1)**

<b>Sl. No.</b>	<b>Description</b>	<b>Vendor's Confirmation (Yes/No or in details to be filled by vendor)</b>
1	Pl. Confirm that material shall be supplied as per tender documents.	
2	Pl. confirm that the size and quantity of each quoted item will be as per Enquiry only.	
3	Pl. confirm the quantity tolerance of $\pm 5\%$ .	
4	Pl. Confirm that validity of the offer shall be 90 days from the due date of opening of Techno-Comml. Offers.	
5	Confirm that un-priced part of price bid is enclosed with technical commercial offer.	
6	Pl. Confirm that prices have been quoted on FOR HHEP Haridwar basis	
7	Pl. Confirm the delivery period from the date of PO in days/weeks/months.	
8	Pl. Confirm that the prices will remain firm during the entire validity.	
9	Pl. Confirm that payment term shall be "100% payment after receipt and acceptance of material at BHEL HHEP- Store Haridwar".	
10	Pl. Confirm that Penalty for Late Deliveries shall be applicable @0.5% per week or part thereof on the value of respective delayed supplies subject to a maximum of 10% of the value of respective delayed supplies. Non acceptance of LD clause will result in loading @10% for price comparison.	
11	Acceptance of risk purchase clause is mandatory for all tenders as per standard policy of BHEL. Pl. Confirm.	
12	Confirm that all test certificates to be submitted as per specification in TRIPLICATE along with dispatch documents.	
13	Pl Confirm the certificates shall be submitted along with supply.	
14	Signed order acceptance shall be furnished within 15 days of order placement.	
15	Pl. confirm whether the bidder organization is covered under MSE category or not. Valid documentary proof is required to claim the benefit.	
16	Pl Confirm that Packing & Forwarding charges are inclusive in price quoted.	
17	Provide the applicable GST rate.	



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**ANNEXURE- VII**

**General Instructions and Standard Terms & Conditions  
(GISTC)**

**For Indian Bidders (Version December-2020, Rev: 05)**

**<https://www.bhelhwr.co.in/bhelweb/uploads/IND TE 12.pdf>**



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**ANNEXURE-VIII**

**Public Procurement Circular**

<https://dipp.gov.in/sites/default/files/PPP%20MII%20Order%20dated%2016%2009%202020.pdf>



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## **ANNEXURE-IX**

### **Certificate by Chartered Accountant on letter head**

This is to Certify that M/s .....  
(hereinafter referred to as 'company') having its registered office at .....is  
registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part- II)  
.....dtd:.....,  
Category:.....(Micro/Small).(copy enclosed).

Further verified from the Books of Accounts that the investment of the company as  
on date .....as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land building and the items specified by the Ministry of Small Scale Industries vide its notification S.O.1722(E) dated October 5, 2006:  
Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and furnit fittings and other items not directly related to the service rendered or as may be notified under the MSN act, 2006:  
Rs.....Lacs

**(Strike off whichever is not applicable)**

The above investment of Rs .....Lacs is within permissible limit of Rs..... Lacs  
.....micro / small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro / Small) (**Strike off whichever is not applicable**) and the date of graduation of such enterprises from its original category is .....  
(dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprises from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name-

Membership Number-

Seal of Chartered Accountant



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**ANNEXURE-X**

**(Self-Certification for Local Content)**

In line with Government Public Procurement Order 2017 dated 16.09.2020, we hereby certify that we ..... (supplier name) inform that local content is ..... % (indicate percentage of local content) and are

**Class- I local supplier** (meeting requirement of)-

**Local content  $\geq$  50%**

or

**Class- II local supplier** (meeting requirement of)-

**20% < Local content < 50%**

(mark wherever applicable)

defined by Nodal Ministries/ Departments as per above order for the material against Enquiry No.

.....

Details of location at which local value addition will be made is as follows:

.....

.....

.....

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Seal and Signature of Supplier



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**ANNEXURE-XI**

**DELIVERY CONFIRMATION**

TO  
BHEL  
HEEP HARIDWAR INDIA  
PIN 249403

Date:

**Subject:** Confirmation Regarding Delivery

**Tender No.:** F/6420/20/3693/L1

**Title:** BHEL-HEEP/OPEN-TENDER (Submerged Arc Welding Filler Wire Type E-B2R)

**To whomsoever it may Concern**

We, Principle Manufacturer ..... and Supplier.....  
would like to jointly confirm for Guarantee of quality and Timely delivery of product as  
per offer from Supplier.....

For Principle Manufacturer ..... For Supplier.....  
(Seal & Signature) (Seal & Signature)