



BHARAT HEAVY ELECTRICALS LIMITED
HEEP HARIDWAR INDIA-PIN 249403
FAX NO: 0091 1334 226462
PHONE NO: 0091 1334 281561

Enquiry. No.: T/T206/2019/0398W/1

M/s.....

Sub: BHEL-HEEP/OPEN-TENDER (Turbine Component) / 2019

Dear Sir,

The Heavy Electricals Equipment Plant (HEEP) located in Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators and so on.

Sealed tenders with the **Tender No.** and **opening date** clearly super scribed on the cover are invited from the manufacturers (registered as well as unregistered) for the supply of the items **Sealing Strips, Grade:NiCr22Fe18Mo-Special Profile-Type G as per Annexure-1** enclosed.

SPECIAL INSTRUCTIONS:

1. Testing & certification as per ordering specifications/documents and Guarantee certificates shall be provided.
2. All Party to provide point wise reply/confirmation along with relevant supporting documents to each and every point of Pre-Qualification Requirement/PQR (Annexure-2). Non-compliance of these may lead to rejection of offer as these are essential condition for participating in tender enquiry.
3. All Party to offer items as per technical specifications HW12783 Rev: 01 (Annexure-3) here enclosed. Non-compliance of these may lead to rejection of offer.
4. The quotation shall be valid for minimum period of 120 days effective from the date of tender opening.
5. 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.
6. All vendor to offer their best delivery schedule. Early delivery is also acceptable.
7. The total Quantity may undergo change at the time of ordering.

The tender documents can be downloaded from our web site www.bhel.com or www.bhelhwr.co.in. After downloading the tender documents from web site, while submitting the tender as detailed in “Instruction to Bidders”, intending vendors must submit **Tender Fee of Rs. 2,000/- (Rupees two thousand only)** in the form of Pay Order / Demand Draft (drawn in favour of ‘BHEL HARIDWAR’) **only if hard copy of the tender documents are required.** It may be noted that if hard copy of any tender document is required, then the same may be collected against copy of Pay Order / Demand Draft of requisite tender fee (while original to be submitted with Part-I). **However, if no hard copy of tender document is required from BHEL, no tender fee is required to be submitted.**

Vendors must also remit the requisite EMD (Earnest Money Deposit) of Rs. 1, 50,000/- (Rupees One Lakh Fifty Thousands only) in the form of Pay Order / Demand draft (drawn in favor of ‘BHEL HARIDWAR’). In case of foreign bidders e-payment may also be accepted as EMD. **If EMD is not submitted along with the offer (Part-I) then the offer shall be out rightly rejected.**

HEEP BHEL Haridwar PMD: SL004 approved vendor having Code M72094, M06125, S90012 & M72907 are exempted for submission of EMD for this tender enquiry.

Please submit separate drafts for EMD and tender fee in an envelope super-scribed with bold letters “EMD & Tender Fee” to be submitted with Part-I.

Micro & Small Enterprises (MSEs) are exempted from submission of EMD and/or Tender fees subjected to compliance of following:

“As per GOI (Ministry of Finance) Office Memorandum dated 28th Feb-2018 it is mandatory from 01-04-2018 to register the Udyog Adhar Memorandum (UAM) of all MSME vendors on Central Public Procurement Portal (CPPP), failing which such MSME bidders shall not be able to avail the benefits available to MSEs as contained in Public Procurement Policy for MSEs Order-2012. All the MSME Vendors are advised to comply the same and confirmation for this should be mentioned in their offer / bids mandatorily”.

BHEL will forfeit the EMD if, the successful bidder / vendor refuses to honor the order after award of the same on him and / or withdraws his bid and / or unilaterally changes the offer and / or any of its terms & conditions within the validity period.

Tenders will be received in Tender Box kept in Tender Room and should be addressed to:

**THE HEAD OF MATERIAL MANAGEMENT,
Heavy Electrical Equipment Plant,
Bharat Heavy Electricals Limited,
HARIDWAR-249403 (Uttarakhand), INDIA.**

The date for opening of tender shall be 27.05.2019 Tenders will be received up to 1.45 P.M. on **27.05.2019** and opened on the same day at 2.00 P.M. in the Tender Room. **Please note that tender received after due date & time (1.45PM on 27.05.2019) will not be REPEAT will not be opened.** BHEL will not be responsible for any type of postal / courier delay.

Bids shall be opened at 2 PM on the due date in the presence of authorized representative of the bidders who may like to be present. The authorized representative should bring authority letter from their parent company (Manufacturer) for the specific tender no. attending the bid opening.

Amendments/Corrigendum, if any, will be hosted only on the websites mentioned above. Other terms and conditions will be as per tender documents.

Foreign and Indigenous bidders against open tender will necessarily have to obtain class – III DSCs. Procedure for application is available on www.bhel.com.

Documents submitted with the offer/bid by the bidder (original supplier) shall be signed and stamped in each page by authorized representative of the bidder. Documents not signed and stamped in each page by the authorized signatory of the bidder, shall neither be accepted nor considered for evaluation of the bid.

Please submit your offer only for the above requirement subject to our **GENERAL INSTRUCTIONS AND STANDARD TERMS & CONDITIONS (GISTC), Version April 2019, Rev: 04**. Please visit our site www.bhelhwr.co.in for **General Instructions and Standard Terms & Conditions (GISTC), Version April 2019, Rev: 04** for Tender Enquiries. All the bidders/vendors must ensure compliance of these GISTC.

Unregistered vendors may please visit our site www.bhel.com for filing up the Supplier Registration Form. Copy of filled Supplier Registration Form (SRF) may be submitted along with the offer.

For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract / PO / WP against this NIT.

In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable. Default purchase preference under Make in India order shall be 20% to suppliers with default minimum local content of 50% for all items / works / services. **All party to provide the Self certificate for local content supplier as per annexure-4 for benefits under Public Procurement (Preference to Make in India).**

For further details, please refer latest version of GISTC.

Procurements where the Estimated value to be procured is less than Rs. 5 lakhs shall be exempted from Public Procurement. (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018

KINDLY READ “INSTRUCTIONS TO BIDDERS.” QUOTATION NOT IN ACCORDANCE WITH THE INSTRUCTIONS ARE LIABLE TO BE DISQUALIFIED AND IGNORED.

INSTRUCTIONS TO BIDDERS FOR OPEN TENDER

Definition

Registered Vendors - Are those who are registered with BHEL, Haridwar for Megawatt rating/ Size/ Weight of tendered items in respective material grade or machining of such items.

Un-registered Vendors - Are those who are not registered with BHEL, Haridwar for Megawatt rating/ Size/ Weight of tendered items in respective material grade or machining of such items.

ESSENTIAL INSTRUCTIONS

* Un-registered vendors may be approved by BHEL, if found suitable, on the basis of data furnished by them in Supplier Registration Form (SRF) for Foreign Vendors or Indigenous Vendors (as applicable).

* BHEL team may visit the vendor (s) works for verification of capability and capacity claimed in tender Documents/offer (s).

* The tenders shall be submitted in **Two parts** in separate sub-envelopes clearly super scribing type of bid, tender no., due date and the name of vendor with full contact details.

· Part I –

- Tender fee (if hard copy insisted from BHEL) & EMD
- Point wise reply/confirmation to **Pre-qualifying requirement (PQR)** as per Annexure-2 along with all necessary supporting documents in one go. **Noncompliance of this may lead to rejection offer.**
- Techno- Commercial Bid - it should be replica of price bid (copy of price bid without price part) in line with tender specifications HW12783 Rev:01 (Annexure-3)

· Part-II -

- Price Bid

All the sub-envelopes (Part-I & Part-II) to be put in a single covering envelope indicating tender no., due date and the name of vendor, e-mail id, with full contact details. Offer should be complete in all respect (i.e. Part-I & Part- II). BHEL may decide to ignore the offer in case of submission of incomplete offer

* Please submit your offer according to **General Instructions and Standard Terms & Conditions (GISTC), Version: April 2019 Rev: 04** for Tender Enquiries. Please visit our site **www.bhelhwr.co.in** for **GISTC**. All the bidders/vendors must ensure compliance of these **GISTC (VERSION: April -19, REV. 04).** **GISTC (VERSION: April-19, REV. 04)** can also be referred by login to B2B Portal for Vendors.

References/Enclosures:

Annexure-1 (Details of Items required)

Annexure-2 (Pre-Qualification Requirement/PQR)

Annexure-3 (Technical Specifications HW12873 Rev: 01)

Annexure-4 (Self certificate for Local Content Supplier as per Make In India)

Annexure-1

Details of Items are required as per following details:

S.No.	Tender No.	Description of Item	Qty(Kg)	Delivery
1	T/T206/2019/ 0398W/1	HW1278083030 SEALING STRIP, GRADE: NiCr22Fe18Mo Special Profiles–Type G - 11.5 X 0.6 SPEC: HW12783 Rev:01 SIZE: TYPE G & DIM.: 11.5 X 0.6	565.0	30.08.2019

**** IMPORTANT:** This enquiry is 2-part tender. Techno-Commercial bid (Part-1) & Price Bids (Part-2) should be submitted in separate envelopes. These two envelopes should be submitted in a common sealed envelope. Techno-Commercial Bid shall contain detailed Technical Specification, Drawings Technical documents, Catalogues, taxes & duties, payment terms, delivery period, Validity of offer, Replica of Price Bid (Copy of price bid without price part) etc. The confirmation to the special terms & conditions must be submitted along with Techno-Commercial bid.

Please visit our site **www.bhelhwr.co.in** for latest version of **General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries**. All the bidders/vendors must ensure compliance of latest GISTC.

For this procurement, **Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract / PO / WP against this NIT.**

In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable. Default purchase preference under Make in India order shall be 20% to suppliers with default minimum local content of 50% for all items / works / services. **All party to provide the Self certificate for local content supplier as per annexure-4 for benefits under Public Procurement (Preference to Make in India).**

For further details, please refer latest version of GISTC.

Procurements where the Estimated value to be procured is less than Rs. 5 lakhs shall be exempted from Public Procurement. (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018

Indent No.: 20190398**Technical Requirement:**

Sl. No	Material Code	Material Grade/International Standards	BHEL Specification	Profile Type
1	HW1278083030	NiCr22Fe18Mo, Material No. :2.4665 as per EN10302 / UNS N06002 as per ASTM B435	HW12783	G (Refer HW12783)

Following are the **Mandatory Qualification Requirements**. Offers of vendors not meeting these requirements will not be considered.

1. Vendor must be having experience of manufacturing and supplying strips in material grade NiCr22Fe18Mo, Material No. :2.4665 as per EN10302 / UNS N06002 as per ASTM B435. Vendor to submit documentary evidence like unpriced purchase order copy, material test certificates covering chemical, mechanical properties, profile size etc in support of experience for at least one supply.
2. Vendor to confirm availability of in house manufacturing facilities to manufacture enquiry items. In case of out sourcing of any manufacturing operation, vendor to inform operation outsourced and their source details.
3. Vendor to furnish in house testing facilities to carry out testing as per the requirements of BHEL specification HW12783. In case of outsourcing of any test, vendor to agree to carry out testing at Government accredited labs only.
4. Vendor to confirm that they will meet all the requirements of BHEL specification HW12783.

Note: In case of trader/stockist, vendor to submit details as per points 1 - 4 above of their principal manufacturer. Offers of trader/stockist without these details will not be considered.


AGM/MTE

AGM/PPX-T


(Ashish Ranjan) 8/5/19
DGM/MTE

दिनांक एवं हस्ताक्षर SIGN & DATE		संस्थान क्रय विनिर्देश (हीप : हरिद्वार) PLANT PURCHASE SPECIFICATION (HEEP: HARIDWAR)		HW12783	
				पृष्ठ का Page 1 of 3	
सामग्री सूची संख्या को अधिकृत करता है	SUPERSEDES INVENTORY NO. TLV6577/01 July'2006	COLD ROLLED AND SOLUTION ANNEALED SEALING STRIP, GRADE NiCr22Fe18Mo 1.0 General: This specification covers the requirement of cold rolled strip of grade NiCr22Fe18Mo as per EN 10302 (2.4665) / UNS N06002 as per ASTM B435. 2.0 Application: For steam turbine assemblies. 3.0 Condition of Delivery: Cold Rolled and solution annealed. Surface Finish: condition at least 2B as per EN10302. Strips should be free of scales and metallogically clean. 4.0 Dimension & Tolerances: The type of strip shall be stated in the purchase order. Dimension & tolerance of strip shall be as per Annexure I. 5.0 Manufacture: General requirement as per EN 10302 or ASTM B 435. 6.0 Chemical composition: Chemical composition of the steel shall conform to NiCr22Fe18Mo as per EN 10302 (2.4665) or UNS N06002, ASTM B435 (Hastelloy X). 7.0 Selection of test sample: The test sample shall be taken from each melt and each heat treatment batch. 8.0 Mechanical Properties: Mechanical properties shall conform to NiCr22Fe18Mo as per EN 10302 (2.4665) or UNS N06002, ASTM B435 as applicable. 9.0 Outer & Inner Quality: Following non-destructive testing shall be performed in delivery condition - Visual inspection - Verification test Cracks, inclusion lines or other surface defects are not acceptable. 10.0 Marking: Each roll is to be identified by melt No., material designation and supplier's identification through tag.			
दिनांक एवं हस्ताक्षर SIGN & DATE	दिनांक एवं हस्ताक्षर SIGN & DATE	नाम NAME	दिनांक एवं हस्ताक्षर SIGNATURE & DATE		
TSX	D. GANGWAR	अनुवादक TRANSLATED BY			
PSC	G. KRISHNAN	निरीक्षक WORKED BY	SUBODH RANA	6/9/17	
QAX	U. K. PANDA	जांचकर्ता CHECKED BY	ASHISH RANJAN	6/9/17	
STE	P. K. BANSAL	पर्यवेक्षणकर्ता SUPERVISED BY	GOPAL KRISHNAN	6/9/17	
सहमत विभाग AGREED DEPT.	नाम NAME	दिनांक एवं हस्ताक्षर DATE & SIGNATURE			
		स्वीकृति APPROVED :	संस्थान मानकीकरण समिति PLANT STANDARDIZATION COMMITTEE	Gr. NO.	2.60
REV.NO.	01	निर्माण PREPARED :	जारी ISSUED :	दिनांक DATE :	01.09.2017
Dt.	08.05.19				
CHANGE ADVICE NO.	TSX(MTE)-19-79				

दिनांक एवं हस्ताक्षर SIGN & DATE		संस्थान क्रय विनिर्देश (हीप – हरिद्वार) PLANT PURCHASE SPECIFICATION (HEEP - HARDWAR)	HW12783 पृष्ठ का Page 2 of 3					
सामग्री सूची संख्या का INVENTORY NO.	SUPERSEDES INVENTORY NO.	11. Test Certificates: Four copies of test certificate shall be supplied unless otherwise stated on the order. The test certificates shall contain the following: - Melt Number and result of chemical analysis - Details of heat-treatment - Mechanical properties results - Confirmation of the verification test - Dimension report 12. Packing: The strips shall be supplied in Rolls, properly protected in waterproof paper or hessian cloth and shall be properly packed against damage during transportation. 13. Cross Referred Standards: EN 10302, ASTM B435						
COPYRIGHT AND CONFIDENTIAL The information on this documents is the property of Bharat Heavy Electrical Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company			स्वत्वाधिकार एवं गोपनीय इस प्रलेख में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रलेख एवं अप्रलेख रूप से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया					
दिनांक एवं हस्ताक्षर SIGN & DATE		सामग्री सूची संख्या INVENTORY NO. P-4126	REV 01		निर्माणकर्ता WORKED BY Ashish Ranjan	जांचकर्ता CHECKED BY Gopal Krishnan	ARayan 6/9/17	6/9/17

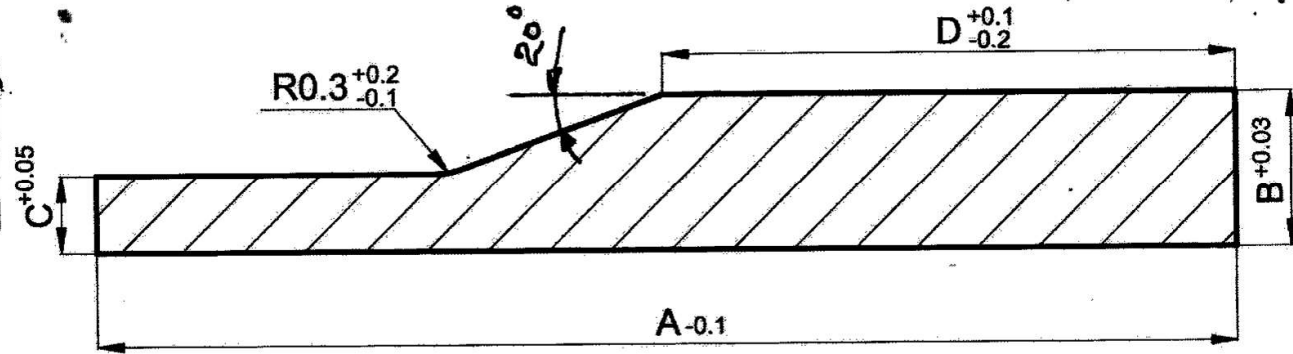


संस्थान क्रय विनिर्देश (हीप - हरिद्वार)

HW12783

पृष्ठ का
Page 3 of 3PLANT PURCHASE SPECIFICATION
(HEEP - HARDWAR)

Annexure 1



TYPE	Dimension (mm)				Wt. Kg/m
	A	B	C	D	
S	6.5	0.6	0.3	3.8	0.025
M	7.5	0.6	0.3	5.0	0.031
L	9.5	0.6	0.3	7	0.039
G	11.5	0.6	0.3	9.5	0.051
P	13.5	0.6	0.3	11.5	0.060
W	11.5	0.8	0.3	9	0.066
H	13.5	0.8	0.3	10.95	0.079

Sheet thickness tolerance : ± 0.05 mm

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स्वत्वधिकार एवं गोपनीय

हस प्रलेख में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की संपत्ति है इसका प्रत्यक्ष एवं अप्रत्यक्ष रूप से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए।

हस्ताक्षर एवं तिथि
SIGN & DATE

सामग्री सूची संख्या
INVENTORY NO.

REV 01

निर्माणकर्ता
WORKED BY

Ashish
Ranjan

6.9.17

जांचकर्ता
CHECKED BY

Gopal
Krishnan

6.9.17

As per Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017 & P-45021/2/2017-PP (BE-II) dated 28.05.2018, it is hereby certifying that we

.....
(supplier name) are local supplier and will meet the requirement of minimum local content (50%) defined in as above orders 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