



Bharat Heavy Electricals Limited Sub-Contracting (Turbine) HEEP, BHEL, Ranipur, Haridwar-249403 (Uttarakhand) Ph. No.: 01334-285166
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NIT-NOTICE INVITING TENDER IN TWO PART BID THROUGH BHEL E-PROCUREMENT PORTAL

TENDER REFERENCE NO.: X/6600/2026/0340/O/1

Salient Details of Notice Inviting Tender (NIT)		
Sl. No.	Issue	Description
1	Item details	As per attached un-price bid.
2	Issue of Tender documents	From BHEL eProcurement website https://eprocurebhel.co.in/nicgep/app (Tender documents will be available for downloading from BHEL e-Procurement website till due date of submission)
3	Due date of offer submission	Date: 21-09-2026 Time: 13:45 Hrs. https://eprocurebhel.co.in/nicgep/app Offer to be submitted in online only through e-procurement Portal. (Bidders are requested to visit website to view corrigendum/ addenda/ amendments/ extension/ modification etc. before submitting offer).
4	Opening of Tender (Techno-Commercial Bid)	Date: 21-09-2026 Time: 16.00 Hrs. Note: <i>This tender being an e-tender, it shall be opened online only through the E-Procurement Portal. Participating bidders may witness the opening online only.</i>
5	Latest updates	Latest updates on the important dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Errata, Modifications, Revisions, etc to Tender Specifications will be hosted in BHEL e-tender portal https://eprocurebhel.co.in/nicgep/app and not in the newspapers. Bidders to keep themselves updated with all such information.

Please submit your offer only for the above requirement subject to compliance of all **Buyer Added Bid Specific Additional Terms & Conditions, Special terms and conditions, Technical specifications and requirements, Latest Version of GENERAL INSTRUCTIONS AND STANDARD TERMS & CONDITIONS (GISTC)**. Please visit our site <https://hwr.bhel.com/bhelweb/CodeFiles/gistc.jsp> for latest revision of General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries.

A Valid MSE certificate such as Udyam Registration issued from competent authority shall be submitted in support of Micro & Small Enterprises (MSEs). As per the OM No. F. No. 1(2)(1)/2016-MA dated. 09.02.2017 issued from the Office of Development Commissioner (Micro, Small Enterprises), "Traders and agents should not be allowed to avail the benefits extended under the PP Policy."

Bids shall be submitted by vendors as per Buyer added terms and conditions, special contract terms, technical terms and latest applicable GISTC.

Drawings of Tender items and other documents will be provided only after receipt of Non-Disclosure Agreement (Duly filled, signed and stamped, on each pages) by the vendor. Vendor can provide scanned copy of Non-Disclosure Agreement through e-mail and ask for drawings & documents well before opening date and time of enquiry. BHEL

Haridwar registered vendors are exempted for submission of Non-Disclosure Agreement. Format of Non-Disclosure Agreement is attached with tender document.

Please submit your lowest quotation / offer for the above requirement subject to our terms and conditions.

E-Procurement Portal Inputs

Procedure for Submission of Offer for E-Tender procedure for Submission of Tender is available in the “Bidder Manual for BHEL Bidders” at E-tender portal <https://eprocurebhel.co.in/nicgep/app>.

Terms and conditions mentioned therein shall form integral part of the NIT and bidders shall abide by the same.

Hardware and Software requirements for participating in e-tender

Please refer the website for the minimum system requirements and setting document for Bidders under the link: <https://eprocurebhel.co.in/nicgep/app>

Digital Signature

Bidders against tender will necessarily have to obtain class – III DSCs. Procedure for application available on www.bhel.com. To know the procedure for obtaining Digital Signature Certificate (DSC), suppliers who are not having the DSC are advised to visit our website [http://www.bhel.com/home.php/Tender Notifications/Sample Checklist](http://www.bhel.com/home.php/Tender%20Notifications/Sample%20Checklist).

NIC portal Helpdesk Contacts

For any technical related queries please call at 24 x 7 Help Desk Number

0120-4001 002

0120-4200 462

0120-4001 005

0120-6277 787

International bidders are requested to prefix 91 as country code

Email Support

A) For any Issues or Clarifications relating to the published tenders, bidders are requested to contact the respective Tender Inviting Authority.

B) For Technical support: eproc@nic.in

Note: Offers/tenders submitted in the E-tender portal shall only be considered for further evaluation. Offers sent by FAX / E-mail / any mode other than E-tender would not be entertained.

SPECIAL NOTE: All documents to be submitted should be uploaded in respective places in the E-Tender portal as per the list mentioned given in this NIT. BHEL shall not be responsible for incomplete documents.

KINDLY READ “**ESSENTIAL INSTRUCTIONS FOR BID SUBMISSION**” THOROUGHLY. QUOTATION NOT IN ACCORDANCE WITH THE ABOVE INSTRUCTION ARE LIABLE TO BE DISQUALIFIED AND IGNORED.

ESSENTIAL INSTRUCTIONS FOR BID SUBMISSION**Clause 1.0 – Tender submission and opening**

The tenders shall be submitted in **TWO PARTS** as described below on or before the due date and time of tender opening:

- a) Part-I (Cover I) : 1. Pre-Qualifying Requirement (PQR-if applicable) duly filled and required documents as asked in PQR.
2. Techno-Commercial Bid. Techno-Commercial Terms & Conditions as per special terms and conditions, Buyer Added Bid Specific Additional Terms & Conditions (ATC) along with various applicable annexures should be filled by vendor and submitted along with part-1 of tender enquiry.
3. Replica of price bid (un-priced quotation) must be enclosed with part-1 of tender enquiry.
4. Valid MSE certificate applicable for Micro and small Enterprises as mentioned in Tender Enquiry.
5. Any other related documents.

b) Part-II (Cover II): The Price Bid in BOQ format shall comprise of the price bid only (with price) as per Tender Enquiry.

Part II containing Price Bid will be opened on a separate date for those vendors who have qualified in the Part I. The opening date of Part II will be intimated in advance to the vendors qualified in Part-I.

If replica of price bid (un-priced) is not submitted along with Part-I bid, the offer is liable to be rejected.

- Any corrections / amendments shall be properly & fully authenticated with signature.

The bidders will have to submit signed offer / bid through BHEL NIC portal only. Each page of quotation should be signed and stamped by authorized representative of vendor, else the offer is liable to be rejected. **Unsigned bids are liable to be ignored.**

Terms and conditions agreed by vendor in techno-commercial bid shall be finalized before price bid opening and any terms mentioned by vendor in price bid shall not be considered.

Clause No. 2.0:

As per directives of CENTRAL VIGILANCE COMMISSION, GOVERNMENT OF INDIA, one agent cannot represent two or more suppliers or quote on their behalf in a particular tender. If so found at any stage, BHEL Hardwar is likely to cancel Enquiries / POs to such suppliers. Further, such Indian Agent is likely to be de-listed (Black listed for business from BHEL)

Clause No. 3.0:

The offers of the bidders who are on the debarred list and also the offer of the bidders, who engage the services of the debarred firm, shall be rejected. The list of debarred firms is available on BHEL website www.bhel.com.

Special Terms & conditions of Tender Enquiry:**1. Loading Criteria:**

- a) BHEL may load maximum penalty under LD clause, to the extent the same is not agreed by the vendor, for the purpose of comparative statement. Where deliveries quoted by the vendors are not suiting, BHEL may also ignore the offer of the vendor.
- b) Prices should be quoted on F.O.R. Destination basis. The offers quoted on other than F.O.R destination basis may result in non-consideration of such bids. In case BHEL accepts the EX-Works, prices such offers will be loaded with actual freight charges as per BHEL freight rate contract.
- c) Please quote your rates on FOR destination basis. However, the insurance will be arranged by BHEL. You can dispatch goods through any Indian Bank Association approved transporters having their branch at Haridwar/destination. For your convenience the names and addresses of transporters approved by IBA & BHEL are posted at <https://hwr.bhel.com/bhelweb/Home.jsp>. If any bidder still quotes on other than FOR destination basis, then his offer will be loaded by the maximum freight, packing & forwarding charges quoted by any other bidder from the same or nearby station, against the enquiry/freight rate available with BHEL.
- d) Loading of any deviation in the payment terms w.r.t. NIT terms shall be referenced as follows:
 - (a) Loading will be done @ Repo Rate+4% (per annum) of basic cost of the items as per table mentioned under the clause 'Payment Terms' in GISTC.
 - (b) The Repo Rate shall be considered as applicable on the date of bid opening; techno-commercial bid opening in case of 2- part bids.

- 2. Material should come back within one year positively from the date of challan against which material was sent to sub-contractor. In case material is not returned within 12 months period, applicable GST with interest from the date of challan shall become payable on expiry of one-year period and the applicable GST with interest will be debited from sub-contractor account.
- 3. In case quantity is non-divisible in nature, the contract for such quantity will be awarded to L1 bidder. In such cases quantity shall not be counter offered to MSE bidders.

4. Treatment of offers submitted by Agents:

- 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.
- d) 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 should be followed:
 - i) The manufacturer should meet the PQR requirement as defined in the tender.
 - ii) Manufacturer and bidder should Jointly confirm Guarantee for the Quality of product and timely delivery as stipulated in the NIT.
- e) BHEL will deal directly with the manufacturers / principal vendors and no correspondence with the agents will be entertained. The agents will not be permitted to visit / interact with BHEL on behalf of their principals. Subsequently also, no correspondence of any type will be made with any agent. (All individuals / companies - representing / Advisor / retainer ship basis or claimed to be part time employees for many OEMs / claiming to be channel or business partner for BHEL work / stockiest not registered specifically etc. are Agents). Communications with only those agents who have submitted agency agreement with their respective principal may be done.

5. Without explicit written permission from BHEL, Haridwar:

- a) Vendors shall not pass on any Drawings/Documents or its contents/copy in any form which are being supplied by BHEL Haridwar with the Enquiry/Sub-Contract Order to any other party.
- b) Vendors shall not Sub-Contract the work or part of it to any sub-vendor.
- c) The Vendors shall not use BHEL Haridwar Drawings/documents (supplied by BHEL Haridwar) for supplying the item to any other party.
- d) It shall be ensured that the material is procured (in case of party material) from BHEL approved supplier along with correlated test certificates. No waiver shall be acceptable in this. In case the repeat testing is required, it

should be done at NABL accredited labs only. Failing above, BHEL Haridwar shall have the right to take necessary action (including legal action also) and/or impose the penalty, as deemed fit.

6. 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.
7. Prices shall be furnished all items of package as per tender terms & conditions. ***Else, the bid is liable for rejection.*** Quotation must be clearly legible.
8. In the course of Evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from respective L-1 bidders. In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss/ draw of lots, in the presence of respective L-1 bidder(s) or their representative(s). Ranking will be done accordingly. BHEL decision in such situations shall be final and binding.
9. Any item not included in this tender quoted above and shown separately will not be taken cognizance of and shall be ignored while evaluation.
10. BHEL will evaluate the technical bids against essential criteria/requirements. BHEL may seek clarifications, if required, from the bidders. These clarifications will be communicated to the vendors through e-mail. The bidders will be given sufficient time to respond the clarifications.

The offers of those bidders, who are unable to respond in this time frame, are likely to be ignored.

11. All the bidders whose offers have been accepted by BHEL will be given notice for opening of their original price bid and supplementary impact bid (if applicable).
12. In case order is placed for an assembly or for an item consisting of multiple components and raw material is issued by BHEL in different batches then the applicable delivery period specified in the ATC shall be reckoned from the last challan received date at vendors works.
13. The quantity may undergo change at the time of ordering.
14. No standard gauges up to M42 shall be provided by BHEL.
15. All enclosures must be sent with the quotation with seal and signature.
16. In case of rejection, total material cost along with other commercial overheads will be recovered from Vendor.
17. For each supply, vendors are requested to raise separate Invoice along with Running Tally sheet (RTS), GST compliance Certificate, Copy of BHEL GST challan, Material receiving (Material sent by BHEL at vendor's work) document at vendor's works & Guarantee certificate. In case vendor will not submit material receiving document, then GST challan date mentioned in GST challan shall be considered as material receiving date at vendor's work. All invoices must be submitted in AIX-Turbine, BHEL Haridwar for further payment processing.
18. Mandatory e-invoice if turnover of vendor / contractor is more than Rs. 5 crores in any preceding financial year from 2017-18 onwards as per notification no. 10/2023-central tax w.e.f. 01.08.2023). also, invoice must include INR and QR code on tax invoice or declaration by vendor/contractor if turnover in any preceding financial year from 2017-18 onwards is less than Rs. 5 crores.
19. In case the vendor/contractor delays or fails to provide all the documents as per the purchase order/ work order at the time of submitting tax invoice to BHEL, any subsequent financial loss to BHEL on account of vendor/ contractor shall be to vendor's / contractor's account. BHEL has further right to take necessary steps to protect its interest at the time of release of payment.
20. Material shall be sent to sub-contractor against Bank Guarantee and Indemnity Bond. In case of rejection/non-delivery of material, material cost shall be recovered from sub-contractor by BHEL.
21. Where Bank Guarantee and Indemnity Bond clause not accepted by vendor, BHEL may ignore the offer of vendors.
22. Prices quoted should not be more than the prices quoted to any other BHEL units/offices/ divisions.
23. In the event of BHEL calling for supplementary bid, the part-II price Bid along with supplementary priced bid (if necessary) will be opened at a later date of only those bidders who have qualified in the Part I. The opening date of Part II along with supplementary price bid (if necessary) will be intimated in advance to the vendors qualified in Part-I.

24. Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection.
25. The material issued to sub-contractor as free issue material for machining/machining & assembly/ coating operations shall remain the property of BHEL, Haridwar. The sub-contractor shall use the materials only for BHEL contract and for no other purpose whatsoever. The sub-contractor shall be liable for the loss or damage to above material from whatsoever cause happening while such material is in the possession or under the control of the sub-contractor. All the materials of BHEL, Haridwar shall under no circumstances be hypothecated to any Bank or to any lending institution or to any Party whatsoever. It should not also be shown as the sub-contractor's assets in any of the statements of sub-contractor to any party. The sub-contractor shall produce document for the free issue material supplied to them to BHEL officials visiting the sub-contractor's unit for verifications/inspection purposes at any time. If sub-contractor fails to produce or properly account for the material so issued, BHEL Haridwar will take further action as deemed fit including the recovery of the value of material as per BHEL norms from the sub-contractor's running bills/ encash sub-contractor's Bank Guarantee/ Indemnity Bond (IB).

26. Action against Bidders / vendor / supplier / contractor in case of default:

In order to protect the commercial interests of BHEL, BHEL shall act against supplies / contractors by way of suspension of business dealings, who either fail to perform or are in default without any reasonable cause, cause loss of business/ money/ reputation, indulge in malpractices, cheating, bribery, fraud or any other misconduct or formation of cartels so as to influence the bidding process or influence the price etc.

Suspension of Business Dealings could be in the form of "Hold" or "Banning" a supplier/ contractor or a bidder and shall be as per "Guidelines for Suspension of Business Dealings with Suppliers/ Contractors" available at BHEL's website ["https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors"](https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors).

27. "The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the firms debarred across BHEL, shall be rejected. The list of firms debarred across BHEL is available on BHEL web site www.bhel.com.

1.0 Integrity commitment, performance of the contract and punitive action thereof:

1.1. Commitment by BHEL:

BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all Bidder(s) in a transparent and fair manner, and with equity.

1.2. Commitment by Bidder/ Supplier/ Contractor:

1.2.1. The bidder/ supplier/ contractor commits to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India.

1.2.2. The bidder/ supplier/ contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/ BHEL.

1.2.3. The bidder/ supplier/ contractor will perform/ execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/ money/ reputation, to BHEL.

If any bidder/ supplier/ contractor during pre-tendering/ tendering/ post tendering/ award/ execution/ post-execution stage indulges in malpractices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then, action may be taken against such bidder/ supplier/ contractor as per extant guidelines of the company available on [www. bhel.com](http://www.bhel.com) and/or under applicable legal provisions".

Date :

Signature :

Name :

Designation :

Department :

M/s

UN-PRICE BID

Quotation No.....Dated.....

Sl. No.	Item Description	Drawing No.	Drg. Rev	Mtrl. Spec	Mtrl. By	Qty In Nos	Quoted/Not Quoted
1	VALVE CONE WITH SPINDLE	1112230100400	11	HW10683	Combined	2.00	
2	THREADED RING	2105025610100	04	HW18812	Combined	14.00	
3	THREADED RING	2105025610200	04	HW18812	Combined	14.00	
4	ANGLE RING	2105145600500	02	HW19469	Combined	2.00	
5	VALVE SPINDLE	2112020100300	12	HW10683	Combined	2.00	
6	BUSH FOR SPARES	2113205200601	02	HW19390	Combined	1.00	
7	THREADED RING	2113205600500	02	HW10661	Combined	1.00	
8	VALVE SEAT	2113215600300	01	HW19462	Combined	1.00	
9	ANGLE RING	2113215600600	01	HW19469	Combined	1.00	
10	RING	2113225601800	02	HW19390	Combined	1.00	
11	VALVE ASSEMBLY	2132400202000	02	HW10673	Combined	8.00	
12	VALVE CONE	3112020100200	01	HW10770	Combined	2.00	
13	GUIDE BUSH	3112235100401	01	HW19390	Combined	1.00	

Seal and Signature of vendor

**BHARAT HEAVY ELECTRICALS LIMITED
HARIDWAR-249403.**

Buyer Added Bid Specific Additional Terms & Conditions (ATC)

Note: This Annexure has to be mandatorily filled & signed by the manufacturer (or) mill and submitted along with Technical bid.

Any deviation to the below mentioned terms shall be stated specifically in the comments column for each term and also in case of acceptance to our terms, it will be construed that the whole term is understood and agreed in totality without any deviation. (If otherwise mentioned).

SI No	BHEL Requirements	Supplier Acceptance/ Comments
01	PRE-QUALIFICATION CRITERIA: 1.1 Technical/ PQR (attached)-Applicable 1.2 Integrity Pact- Not Applicable 1.3 Bidder must not be admitted under Corporate Insolvency Resolution Process or Liquidation as on date, by NCLT or any adjudicating authority/authorities, and shall submit undertaking (Annexure-4) to this effect. Explanatory Notes for the PQR (Pre-Qualifying Requirements): i. Credentials furnished by the bidder against "PRE-QUALIFYING CRITERIA" shall be verified from the issuing authority for its authenticity. In case, any credential (s) is/are found to be spurious, offer of the bidder is liable to be rejected. BHEL reserves the right to initiate any further action as per extant guidelines for Suspension of Business Dealings as applicable in BHEL. ii. Price Bids of only those bidders shall be opened who stand qualified after compliance of PQR.	
02	SCOPE OF SUPPLY/WORK: For VALVE ASSEMBLY (2132400202000): Pre-Deposition Machining, Deposition, post Deposition Machining and assembly of items is to be carried out by vendor as per Drawings/Standards, Technical requirements and quality plan requirements. Annexure-A is being referred for part items of main assembly. For rest Items: Pre-Deposition Machining, Deposition and post Deposition Machining of items is to be carried out by vendor as per Drawings/Standards, Technical requirements and quality plan requirements. - Raw Material (Forging) will be supplied by BHEL. However, applicable electrodes and deposit material to be arranged by vendor. - All applicable heat treatment process to be carried at vendor works. - Hard Facing shall be carried out with approved WPS & PQR. - Coating (if required) shall be carried out with process parameters established with a valid process qualification. - VALVE SEAT DRG NO. 21132156003, ANGLE RING DRG NO. 21132156006 & RING DRG NO. 21132256018 TO BE MADE AS PER DRG VAR 01. - HT paint as applicable will be done by vendor, except Threaded Ring, Valve Cone with Spindle, Valve Spindle, Valve Assembly & Valve Cone. STANDARDS REMARKS: - Customer's seal (if Any on supplied Material) to be transferred. - CHP Clearance if any may be obtained from NTPC/LLOYD/RITES/NPC at party's end. - Copies of the relevant certificates to be supplied to the receiving shop.	

	- Aesthetic appearance shall also be ensured and inspected before delivery to BHEL. - Conserve components as per BHEL's conservation instructions (Table-1 of ST 33004) for 6 months - Ship in wooden containers with adequate protection and provisions for forklift and sling lifting. - Individually wrap items with bubble wrap or foam to prevent contact. Cover threaded fasteners with nylon polynet sleeves. - Wrap packages in 90 GSM polythene sheets and seal with industrial-grade shrink wrap. Ensure packaging is durable to prevent damage or crushing during transit. - If any Drawings/ Standards are found in under changed, vendor to asked BHEL for approved Drawings/Standards without any further action.	
03	PRICE BASIS: Price in INR should be quoted for F.O.R. DESTINATION delivery to BHEL Haridwar. GSTIN: 05AAACB4146P1ZL.	
04	TAXES & DUTIES: 4.1 The Supplier/Vendor shall pay all (save the specific exclusions as enumerated in this clause) taxes, fees, license, charges, deposits, duties, tools, royalty, commissions, other charges, etc. which may be levied on the input goods & services consumed and output goods & services delivered in course of his operations in executing the contract. In case BHEL is forced to pay any of such taxes/duties, BHEL shall have the right to recover the same from his bills or otherwise as deemed fit along with the applicable overheads @5% and interest on the total value (i.e. amount paid by BHEL + overhead). However, provisions regarding GST on output supply (goods/service) and TDS/TCS as per Income Tax Act shall be as per following clauses. 4.2 GST (Goods and Services Tax) 4.2.1 GST as applicable on output supply (goods/services) are excluded from Supplier/Vendor's scope; therefore, contractor's price/rates shall be exclusive of GST. Reimbursement of GST is subject to compliance of following terms and conditions. BHEL shall have the right to deny payment of GST and to recover any loss to BHEL on account of tax, interest, penalty etc. for non-compliance of any of the following condition. 4.2.2 The admissibility of GST, taxes and duties referred in this chapter or elsewhere in the contract shall be limited to direct transactions between BHEL & its Supplier/Vendor. BHEL shall not consider GST on any transaction other than the direct transaction between BHEL & its Supplier/Vendor. 4.2.3 Supplier/Vendor shall obtain prior written consent of BHEL before billing the amount towards such taxes. Where the GST laws permit more than one option or methodology for discharging the liability of tax/levy/duty, BHEL shall have the right to adopt the appropriate one considering the amount of tax liability on BHEL/Client as well as procedural simplicity with regard to assessment of the liability. The option chosen by BHEL shall be binding on the Contractor for discharging the obligation of BHEL in respect of the tax liability to the Supplier/Vendor. 4.2.4 Supplier/Vendor has to submit GST registration certificate of the concerned state. Supplier/Vendor also needs to ensure that the submitted GST registration certificate should be in active status during the entire contract period. 4.2.5 Supplier/Vendor has to issue Invoice/Debit Note/Credit Note indicating HSN/SAC code, Description, Value, Rate, applicable tax and other particulars in compliance with the provisions of relevant GST Act and Rules made thereunder. 4.2.6 Supplier/Vendor has to submit GST compliant invoice within the due date of invoice as per GST Law. In case of delay, BHEL reserves the right of denial of GST payment if there occurs any hardship to BHEL in claiming the input thereof. In case of goods, Supplier/Vendor has to provide scan copy of invoice & GR/LR/RR to BHEL before movement of goods starts to enable BHEL to meet its GST related compliances. Special care should be taken in case of month end transactions. 4.2.7 Supplier/Vendor has to ensure that invoice in respect of such services which have been provided/completed on or before end of the month should not bear the date later than last working day of the month in which services are performed. 4.2.8 Subject to other provisions of the contract, GST amount claimed in the invoice shall be released on fulfilment of all the following conditions by the Supplier/Vendor: - a) Supply of goods and/or services have been received by BHEL.	

	b) Original Tax Invoice has been submitted to BHEL. c) Supplier/Vendor has submitted all the documents required for processing of bill as per contract/ purchase order/ work order. d) In cases where e-invoicing provision is applicable, Supplier/Vendor is required to submit invoice in compliance with e-invoicing provisions of GST Act and Rules made thereunder. e) Supplier/Vendor has filed all the relevant GST return (e.g. GSTR-1, GSTR-3B, etc.) pertaining to the invoice submitted and submit the proof of such return along with immediate subsequent invoice. In case of final invoice/ bill, contractor has to submit proof of such return within fifteen days from the due date of relevant return. f) Respective invoice has appeared in BHEL's GSTR - 2A for the month corresponding to the month of invoice and in GSTR-2B of the month in which such invoices has been reported by the contractor along with status of ITC availability as "YES" in GSTR-2B. Alternatively, BG of appropriate value may be furnished which shall be valid at least one month beyond the due date of confirmation of relevant payment of GST on GSTN portal or sufficient security is available to adjust the financial impact in case of any default by the Supplier/Vendor. g) Supplier/Vendor has to submit an undertaking confirming the payment of all due GST in respect of invoices pertaining to BHEL. 4.2.9 Any financial loss arises to BHEL on account of failure or delay in submission of any document as per contract/purchase order/work order at the time of submission of Tax invoice to BHEL, shall be deducted from Supplier/Vendor's bill or otherwise as deemed fit. 4.2.10 TDS as applicable under GST law shall be deducted from Supplier/Vendor's bill. 4.2.11 Supplier/Vendor shall comply with the provisions of e-way bill wherever applicable. Further wherever provisions of GST Act permits, all the e-way bills, road permits etc. required for transportation of goods needs to be arranged by the contractor. 4.2.12 Supplier/Vendor shall be solely responsible for discharging his GST liability according to the provisions of GST Law and BHEL will not entertain any claim of GST/interest/penalty or any other liability on account of failure of Supplier/Vendor in complying the provisions of GST Law or discharging the GST liability in a manner laid down thereunder. 4.2.13 In case declaration of any invoice is delayed by the vendor in his GST return or any invoice is subsequently amended/alterd/deleted on GSTN portal which results in any adverse financial implication on BHEL, the financial impact thereof including interest/penalty shall be recovered from the Supplier/Vendor's due payment. 4.2.14 Any denial of input credit to BHEL or arising of any tax liability on BHEL due to non-compliance of GST Law by the Supplier/Vendor in any manner, will be recovered along with liability on account of interest and penalty (if any) from the payments due to the Supplier/Vendor. 4.2.15 In the event of any ambiguity in GST law with respect to availability of input credit of GST charged on the invoice raised by the contractor or with respect to any other matter having impact on BHEL, BHEL's decision shall be final and binding on the Supplier/Vendor. 4.2.16 Variation in Taxes & Duties: Any upward variation in GST shall be considered for reimbursement provided supply of goods and services are made within schedule date stipulated in the contract or approved extended schedule for the reason solely attributable to BHEL. However downward variation shall be subject to adjustment as per actual GST applicability. In case the Government imposes any new levy/tax on the output service/goods after price bid opening, the same shall be reimbursed by BHEL at actual. The reimbursement under this clause is restricted to the direct transaction between BHEL and its Supplier/Vendor only and within the contractual delivery period only. In case any new tax/levy/duty etc. becomes applicable after the date of Bidder's offer but before opening of the price Bid, the Bidder/ Supplier/Vendor must convey its impact on his price duly substantiated by documentary evidence in support of the same before opening of price bid. Claim for any such impact after opening the price bid will not be considered by BHEL for reimbursement of tax or reassessment of offer. 4.3 Income Tax: TDS/TCS as applicable under Income Tax Act, 1961 or rules made thereunder shall be deducted/collected from Supplier/Vendor's bill. 4.4 Supplier HSN Code & Applicable GST % (To be filled by Supplier) _____	
05	MATERIAL DISPATCH CLEARANCE CERTIFICATE (MDCC): Not Applicable	

06	INSPECTION / INSPECTION & TESTING AT SUPPLIERS WORKS: BHEL reserves the right to inspect the material during manufacturing and also to get tested the material under dispatch from third party. The test results of third party test shall be final and binding on the Supplier/Vendor. BHEL will reserve the right to inspect/test the material during/after manufacturing at suppliers' works, and/or at BHEL Site. In case of rejection at any stage, Supplier/Vendor shall be liable to replace the materials at his own cost. Vendor should raise inspection call for BHEL / TPI inspection at least 4 days in advance to the planned date of inspection. if customer inspection is envisaged at vendor's works, vendor should give inspection call at least 7 days in advance to the planned date of inspection.									
07	DELIVERY: Within 120 days for Valve Cone with Spindle, Valve Spindle, Valve Assembly & Valve Cone and 90 days for rest items of enquiry of receipt of materials from BHEL Haridwar at vendor's works. Vendor to offer best delivery schedule in line with BHEL tender requirement. Delivery is not sacrosanct. However, offer of vendors may not be considered whose quoted delivery does not suit BHEL requirement. NOTE: If the delivery of supply as detailed above gets delayed beyond the delivery period, the Supplier/Vendor shall request for a delivery extension and BHEL at its discretion may extend the Contract. However, if any 'Delivery extension' is granted to the Supplier/Vendor for completion of supply, due to backlog attributable to the Supplier/Vendor, then it shall be without prejudice to the rights of BHEL to impose LD for the delays attributable to the Supplier/Vendor.									
08	TRANSIT INSURANCE: Transit Insurance of material is in BHEL scope. A. Transportation of BHEL Material: By BHEL at vendor works on freight paid basis. B. Delivery basis: Delivery of finished item must essentially be FOR BHEL Haridwar basis. Freight for sending finished components from vendor works to BHEL Haridwar shall be borne by vendor at its own cost & responsibility.									
09	PAYMENT TERMS: a) Payment: 90% payment will be done after receipt and acceptance of items in HEEP, BHEL, Haridwar and balance 10% payment will be done after final accountal of materials (i.e. Scrap Accountal). Currency of payment will be Indian Rupees (₹). Quotation containing payment term other than above, is liable to be rejected. The payment shall be made within no. of days as defined in the below table from appointed day <table><tr><td>Type of Bidder</td><td>Within Number of Days</td></tr><tr><td>Micro & Small Enterprises (MSEs)</td><td>45 Days</td></tr><tr><td>Medium Enterprises</td><td>60 Days</td></tr><tr><td>Non MSME</td><td>90 Days</td></tr></table> Appointed day means • The day of material entry in HEEP (i.e. CISF Stamp date), subject to submission of non-discrepant documents by vendor as per Purchase Order. or • Where there is any objection regarding acceptance of goods, the same shall be informed to supplier within fifteen days from the day of the delivery of good. Appointed day will be the day on which such objection is removed by the supplier. However, GST amount shall be reimbursed in line with compliance to Cl. No. 4 (Taxes & Duties) above. b) NO INTEREST PAYABLE TO CONTRACTOR No interest shall be payable on the security deposit or any other money due to the Supplier. Notwithstanding anything to the contrary contained in any other document comprising in the Contract, no interest shall be payable by BHEL to supplier/vendor/contractor on any moneys or balances including but not limited to the Security Deposit, EMD, Retention Money, RA Bills or the Final Bill, or any amount withheld and/or appropriated by BHEL. etc., which becomes or as the case may be, is adjudged to be due from BHEL to supplier/vendor/contractor whether under the Contract or otherwise.	Type of Bidder	Within Number of Days	Micro & Small Enterprises (MSEs)	45 Days	Medium Enterprises	60 Days	Non MSME	90 Days	
Type of Bidder	Within Number of Days									
Micro & Small Enterprises (MSEs)	45 Days									
Medium Enterprises	60 Days									
Non MSME	90 Days									

10	DOCUMENTS REQUIRED FOR BILL PROCESSING: The following documents are required to be sent with Material Dispatch/Billing Documents: • Original Tax Invoice in Triplicate (As per Cl. No. 4 above). • Guarantee Certificate • Inspection Report • GST compliance certificate • Running Tally sheet	
11	BANK DETAILS FOR EMD & PERFORMANCE SECURITY SUBMISSION AND OTHER PURPOSE: For Electronic Fund Transfer the details are as below: a) Name of the Beneficiary: Bharat Heavy Electricals Limited b) Bank Particulars: Name of the Company - BHARAT HEAVY ELECTRICALS LTD. Address of the company – HEEP Haridwar 249403 Name of the bank - STATE BANK OF INDIA Bank branch - RANIPUR BRANCH City HARIDWAR Branch code - 000586 Account Number – 10667995458 Account type - CC IFSC code - SBIN0000586 MICR code – 249002005	
12	EARNEST MONEY DEPOSIT: EARNEST MONEY DEPOSIT: Not Applicable	
13	PERFORMANCE SECURITY: Not Applicable	
14	BREACH OF CONTRACT, REMEDIES AND TERMINATION: 14.1 The following shall amount to breach of contract: - Non-supply of material/ non-completion of work by the Supplier/Vendor within scheduled delivery/ completion period as per contract or as extended from time to time. - The Supplier/Vendor fails to perform as per the activity schedule and there are sufficient reasons even before expiry of the delivery/ completion period to justify that supplies shall be inordinately delayed beyond contractual delivery/ completion period - The Supplier/Vendor delivers equipment/ material not of the contracted quality. - The Supplier/Vendor fails to replace the defective equipment/ material/ component as per guarantee clause. - Withdrawal from or abandonment of the work by the Supplier/Vendor before completion as per contract. - Assignment, transfer, subletting of Contract by the Supplier/Vendor without BHEL's written permission resulting in termination of Contract or part thereof by BHEL. - Non-compliance to any contractual condition or any other default attributable to Supplier/Vendor. - Any other reason(s) attributable to Vendor towards failure of performance of contract. In case of breach of contract, BHEL shall have the right to terminate the Purchase Order/ Contract either in whole or in part thereof without any compensation to the Supplier/Vendor. - Any of the declarations furnished by the contractor at the time of bidding and/ or entering into the contract for supply are found untruthful and such declarations were of a nature that could have resulted in non-award of contract to the contractor or could expose BHEL and/ or Owner to adverse consequences, financial or otherwise. - Supplier/Vendor is convicted of any offence involving corrupt business practices, antinational activities or any such offence that compromises the business ethics of BHEL, in violation of the Integrity Pact entered into with BHEL has the potential to harm the overall business of BHEL/ Owner. Note- Once BHEL considers that a breach of contract has occurred on the part of Supplier/Vendor, BHEL shall notify the Supplier/Vendor by way of notice in this regard. Contractor shall be given an opportunity to rectify the reasons causing the breach of contract within a period of 14 days. In case the contractor fails to remedy the breach, as mentioned in the notice, to the satisfaction of BHEL, BHEL shall have the right to take recourse to any of the remedial actions available to it under the relevant provisions of contract.	

14.2 Remedies in case of Breach of Contract.

- i. Wherein the period as stipulated in the notice issued under clause 14.1 has expired and Supplier/Vendor has failed to remedy the breach, BHEL will have the right to terminate the contract on the ground of "Breach of Contract" without any further notice to contractor.
- ii. Upon termination of contract, BHEL shall be entitled to recover an amount equivalent to 10% of the Contract Value for the damages on account of breach of contract committed by the Supplier/Vendor. This amount shall be recovered by way of encashing the security instruments like performance bank guarantee etc available with BHEL against the said contract. In case the value of the security instruments available is less than 10% of the contract value, the balance amount shall be recovered from other financial remedies (i.e. available bills of the Supplier/Vendor, retention amount, from the money due to the Supplier/Vendor etc. with BHEL) or the other legal remedies shall be pursued.
- iii. wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is 10% of the contract value or more, such security instruments to the extent of 10% contract value will be encashed. In case no security instruments are available or the value of the security instruments available is less than 10% of the contract value, the 10% of the contract value or the balance amount, as the case may be, will be recovered in all or any of the following manners:
- iv. In case the amount recovered under sub clause (a) above is not sufficient to fulfil the amount recoverable then; a demand notice to deposit the balance amount within 30 days shall be issued to Supplier/Vendor.
- v. If Supplier/Vendor fails to deposit the balance amount within the period as prescribed in demand notice, following action shall be taken for recovery of the balance amount:
 - a) from dues available in the form of Bills payable to defaulted Supplier/Vendor against the same contract.
 - b) If it is not possible to recover the dues available from the same contract or dues are insufficient to meet the recoverable amount, balance amount shall be recovered from any money(s) payable to Supplier/Vendor under any contract with other Units of BHEL including recovery from security deposits or any other deposit available in the form of security instruments of any kind against Security deposit or EMD.
- vi. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier/Vendor.
- vii. It is an agreed term of contract that this amount shall be a genuine pre-estimate of damages that BHEL would incur in completion of balance contractual obligation of the contract through any other agency and BHEL will not be required to furnish any other evidence to the Supplier/Vendor for the purpose of estimation of damages.
- viii. In addition to the above, imposition of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.

Note:

The defaulting Supplier/Vendor shall not be eligible for participation in any of the future enquiries floated by BHEL to complete the balance work. The defaulting contractor shall mean and include:

- (a) In case defaulted Supplier/Vendor is the Sole Proprietorship Firm, any Sole Proprietorship Firm owned by same Sole Proprietor.
- (b) In case defaulted Supplier/Vendor is The Partnership Firm, any firm comprising of same partners/ some of the same partners; or sole proprietorship firm owned by any partner(s) as a sole proprietor.

LD against delay in executed supply in case of Termination of Contract:

LD against delay in executed supply shall be calculated in line with LD clause no. 18.0 below, for the delay attributable to Supplier/Vendor. For limiting the maximum value of LD, contract value shall be taken as Executed Value of supply till termination of contract.

Method for calculation of "LD against delay in executed supply in case of termination of contract" is given below.

- i. Let the time period from scheduled date of start of supply till termination of contract excluding the period of Hold (if any) not attributable to contractor = T1
- ii. **Let the value of executed supply till the time of termination of contract= X**
- iii. Let the Total Executable Value of supply for which inputs/fronts were made available to Supplier/Vendor and were planned for execution till termination of contract = Y
- iv. Delay in executed supply attributable to Supplier/Vendor i.e. $T2 = [1 - (X/Y)] \times T1$

	v. LD shall be calculated in line with LD clause (clause 18.0) of the Contract for the delay attributable to Supplier/Vendor taking “X” as Contract Value and “T2” as period of delay attributable to Supplier/Vendor.																			
15	BILL TO ADDRESS: To Manager (AIX-Turbine) HEEP Haridwar Uttrakhand-249403		SHIP TO ADDRESS: To Incharge Shipping (CSX) HEEP Haridwar Uttrakhand-249403																	
16	GUARANTEE/WARRANTY: Guarantee period for Supply of material shall be 18 calendar months from the date of last dispatch. Vendor should submit Guarantee Certificate along with each supply of components. Components shall warrant for requirements as per BHEL drawings and other technical conditions. If the same are found defective owing to faulty workmanship/incomplete work within a period of 18 Months from the date of receipt, the supplier shall make good of it / replace/ repair/ complete the same free of cost. If rework/ repairing/Completion etc. is done by BHEL, the charges for same shall be deducted from the Sub-Contractor account.																			
17	MICRO AND SMALL ENTERPRISES (MSE): Any Bidder falling under MSE category shall furnish the following details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their techno-commercial offer. <table border="1"><tr><td>Type under MSE</td><td>UDYAM No</td><td>SC/ST Owned</td><td>Women Owned</td><td>Others (Excluding SC/ST/Women)</td></tr><tr><td>Micro</td><td></td><td></td><td></td><td></td></tr><tr><td>Small</td><td></td><td></td><td></td><td></td></tr></table> Note: If the bidder does not furnish the above, offer shall be processed construing that the bidder is not falling under MSE category. MSE suppliers can avail the intended benefits in respect of the procurements related to the Goods and Services only (Definition of Goods and Services as enumerated by Govt. of India vide Office Memorandum F. No. 21(8)/2011-MA dtd. 09/11/2016 office of AS & DC, MSME) only if they submit along with the offer, attested copies of either Udyam Registration. Date to be reckoned for determining the deemed validity will be the last date of Technical Bid submission. Non-submission of supporting document in NIC portal will lead to consideration of their bids at par with other bidders. No benefits shall be applicable for this enquiry if the above required documents are not uploaded at the time of bid submission. Documents submitted by the bidder shall be verified by BHEL for rendering the applicable benefits.				Type under MSE	UDYAM No	SC/ST Owned	Women Owned	Others (Excluding SC/ST/Women)	Micro					Small					
Type under MSE	UDYAM No	SC/ST Owned	Women Owned	Others (Excluding SC/ST/Women)																
Micro																				
Small																				
18	LIQUIDATED DAMAGE: Liquidated Damages, wherever referred under this Tender/Agreement, shall mean and refer to the damages, not in the nature of penalty, which the contractor agrees to pay in the event of delay in delivery of supplies, breach of contract etc. as the case may be. Liquidated Damages leviable upon the Supplier/Vendor is a sum which is agreed by the parties as a reasonable and genuine pre-estimate of damages which will be suffered by BHEL on account of delay/breach on the part of the Supplier/Vendor. If the Seller/Service Provider fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract/PO, the Buyer/BHEL will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value of delayed quantity without any controversy/dispute of any sort whatsoever.																			
19	INTEGRITY PACT (IP): Not Applicable																			
20	PREFERENCE TO MAKE IN INDIA: For this procurement, the local content to categorize a Supplier/Vendor as a Class I local supplier/ Class II local Supplier/Non-Local Supplier and purchase preferences to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the Bid, the same shall be applicable even if issued after issue of this Bid, but before opening of Part-II bids against this Bid.																			

	For contracts valuing more than Rs 10 Crores, local content (in cases of self-certification submitted by bidders at the time of tendering) will be re-verified during execution of contract by Cost/ Chartered Accountant, and in case of defaults, penalty upto 10% of the contract value shall be imposed. 20.1 Compliance to Restrictions under Rule 144 (xi) of GFR 2017: I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. The Competent Authority for the purpose of this Clause shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). II. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process. III. "Bidder from a country which shares a land border with India" for the purpose of this Clause means: - - An entity incorporated established or registered in such a country; or - A subsidiary of an entity incorporated established or registered in such a country; or - An entity substantially controlled through entities incorporated, established or registered in such a country; or - An entity whose beneficial owner is situated in such a country; or - An Indian (or other) agent of such an entity; or - A natural person who is a citizen of such a country; or - A consortium or joint venture where any member of the consortium or joint venture falls under any of the above. IV. The beneficial owner for the purpose of (III) above will be as under: - In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more juridical person, has a controlling ownership interest or who exercises control through other means. Explanation "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements. - In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership. - In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person has ownership of or entitlement to more than fifteen percent of the property or capital or profits of the such association or body of individuals. - Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official; - In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership. - The bidder shall provide undertaking for their compliance to this Clause, in the format provided in Annexure-13. - Registration of the bidder with Competent Authority should be valid at the time of submission of bids and at the time of acceptance of the bids	
21	SETTLEMENT OF DISPUTE: If any dispute or difference of any kind whatsoever shall arise between BHEL and the Supplier/Vendor, arising out of the contract for the performance of the work whether during the progress of contract termination, abandonment or breach of the contract, it shall in the first place referred to Designated Engineer for amicable resolution by the parties. Designated Engineer (to be nominated by BHEL for settlement of disputes arising out of the contract) who within 60 days after being requested shall give written notice of his decision to the	

contractor. Save as hereinafter provided, such decision in respect of every matter so referred shall forthwith be given effect to by the Supplier/Vendor who shall proceed with the work with all due diligence, whether he or BHEL desires to resolve the dispute as hereinafter provided or not.

If after the Designated Engineer has given written notice of this decision to the party and no intention to pursue the dispute has been communicated to him by the affected party within 30 days from the receipt of such notice, the said decision shall become final and binding on the parties. In the event the Supplier/Vendor being dissatisfied with any such decision or if amicable settlement cannot be reached then all such disputed issues shall be resolved through conciliation in terms of the BHEL Conciliation Scheme 2018 as per Clause 21.1

21.1 Conciliation:

Any dispute, difference or controversy of whatever nature howsoever arising under or out of or in relation to this Agreement (including its interpretation) between the Parties, and so notified in writing by either Party to the other Party (the "Dispute") shall, in the first instance, be attempted to be resolved amicably in accordance with the conciliation procedure as per BHEL Conciliation Scheme 2018. The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in - "Procedure for conduct of conciliation proceedings" (as available in www.bhel.com)).

Note: Ministry of Finance has issued OM reference No. 1/2/24 dated 03.06.2024 regarding "Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement. In the said OM it has been recommended that Government departments/ Entities/agencies are to encourage mediation under the Mediation Act, 2023. The said Act has not yet been notified by the Government. Therefore, the clause "Settlement of Disputes" shall be modified accordingly as and when the Mediation Act 2023 gets notified.

21.2 ARBITRATION:

21.2.1 Except as provided elsewhere in this Contract, in case Parties are unable to reach amicable settlement (whether by Conciliation to be conducted as provided in Clause 21.1 herein above or otherwise) in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract (hereinafter referred to as the 'Dispute'), then, either Party may, refer the disputes to Delhi International Arbitration Centre (DIAC) and such dispute to be adjudicated by Sole Arbitrator appointed in accordance with the Rules of said Arbitral Institution.

21.2.2 A party willing to commence arbitration proceeding shall invoke Arbitration Clause by giving notice to the other party in terms of section 21 of the Arbitration & Conciliation Act, 1996 (hereinafter referred to as the 'Notice') before referring the matter to arbitral institution. The Notice shall be addressed to the Head of the Unit, BHEL, executing the Contract and shall contain the particulars of all claims to be referred to arbitration with sufficient detail and shall also indicate the monetary amount of such claim including interest, if any.

21.2.3 After expiry of 30 days from the date of receipt of aforesaid notice, the party invoking the Arbitration shall submit that dispute to the Arbitral Institution- Delhi International Arbitration Centre (DIAC)- and that dispute shall be adjudicated in accordance with their respective Arbitration Rules. The matter shall be adjudicated by a Sole Arbitrator who shall necessarily be a Retd Judge having considerable experience in commercial matters to be appointed/nominated by the respective institution. The cost/expenses pertaining to the said Arbitration shall also be governed in accordance with the Rules of the respective Arbitral Institution. The decision of the party invoking the Arbitration for reference of dispute to Delhi International Arbitration Centre (DIAC)-for adjudication of that dispute shall be final and binding on both the parties and shall not be subject to any change thereafter. The institution once selected at the time of invocation of dispute shall remain unchanged.

21.2.4 The fee and expenses shall be borne by the parties as per the Arbitral Institutional rules.

21.2.5 The Arbitration proceedings shall be in English language and the seat of Arbitration shall be Haridwar.

21.2.6 Subject to the above, the provisions of Arbitration & Conciliation Act 1996 and any amendment thereof shall be applicable. All matters relating to this Contract and arising out of invocation of Arbitration clause are subject to the exclusive jurisdiction of the Court(s) situated at Haridwar.

21.2.7 Notwithstanding any reference to the Designated Engineer or Conciliation or Arbitration herein, a. the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree. Settlement of Dispute clause cannot be invoked by the Contractor, if the Contract has been mutually closed

	or 'No Demand Certificate' has been furnished by the Contractor or any Settlement Agreement has been signed between the Employer and the Contractor. 21.2.8 It is agreed that Mechanism of resolution of disputes through arbitration shall be available only in the cases where the value of the dispute is less than Rs. 10 Crores. 21.2.9 In case the disputed amount Claim, Counter claim including interest is Rs. 10 crores and above, the parties shall be within their rights to take recourse to remedies other than Arbitration, as may be available to them under the applicable laws after prior intimation to the other party. Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof as amended from time to time, shall apply to the arbitration proceedings under this clause. 21.2.10 In case, multiple arbitrations are invoked (whether sub-judice or arbitral award passed) by any party to under this contract, then the cumulative value of claims (including interest claimed or awarded) in all such arbitrations shall be taken in account while arriving at the total claim in dispute for the subject contract for the purpose of clause 14.2.9. Disputes having cumulative value of less than 10 crores shall be resolved through arbitration and any additional dispute shall be adjudicated by the court of competent jurisdiction. 21.3 In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable: In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD (Administrative Mechanism for Resolution CPSEs Disputes).	
22	JURISDICTION Subject to clause 21 of this contract, the Civil Court having original Civil Jurisdiction at Haridwar, Uttarakhand shall alone have exclusive jurisdiction in regard to all matters in respect of the Contract. GOVERNING LAWS `1 The contract shall be governed by the Law for the time being in force in the Republic of India.	
23	FORCE MAJEURE 23.1 "Force Majeure" shall mean circumstance which is: - beyond control of either of the parties to contract, - either of the parties could not reasonably have provided against the event before entering into the contract, - having arisen, either of the parties could not reasonably have avoided or overcome, and - not substantially attributable to either of the parties and Prevents the performance of the contract, such circumstances include but shall not be limited to: - War, hostilities, invasion, act of foreign enemies. - Rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war. - Riot, commotion or disorder by persons other than the contractor's personnel and other employees of the contractor and sub-contractors. - Strike or lockout not solely involving the contractor's personnel and other employees of the contractor and sub-contractors. - Encountering munitions of war, explosive materials, ionizing radiation or contamination by radio-activity, except as may be attributable to the contractor's use of such munitions, explosives, radiation or radio- activity. - Natural catastrophes such as earthquake, tsunami, volcanic activity, hurricane or typhoon, flood, fire, cyclones etc. - Epidemic, pandemic etc. 23.2 The following events are explicitly excluded from Force Majeure and are solely the responsibilities of the non-performing party: a) any strike, work-to-rule action, go-slow or similar labour difficulty (b) late delivery of equipment or material (unless caused by Force Majeure event) and (c) economic hardship. 23.3 If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within 15 (fifteen) days after the occurrence of such event. 23.4 The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended by a period of time equal to period of delay caused due to such Force Majeure event.	

	23.5 Delay or non-performance by either party hereto caused by the occurrence of any event of Force Majeure shall not i) Constitute a default or breach of the Contract. ii) Give rise to any claim for damages or additional cost expense occasioned thereby, if and to the extent that such delay or non-performance is caused by the occurrence of an event of Force Majeure. 23.6 BHEL at its discretion may consider short closure of contract after 1 year of imposition of Force Majeure in line with extant guidelines. In any case, Supplier/Vendor cannot consider deemed short-closure after 1 year of imposition of Force Majeure.									
24	NON-DISCLOSURE AGREEMENT: The bidders shall enter into the Non-disclosure agreement separately.									
25	CARTEL FORMATION: The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.									
26	FRAUD PREVENTION POLICY: Bidder along with its associate /collaborators /sub-contractors /sub-vendors / consultants / service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.									
27	SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS / CONTRACTORS: The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms / principal / agents, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com. If any bidder / supplier / contractor during pre-tendering / tendering / post tendering / award /execution / post-execution stage indulges in any act, including but not limited to, mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or tampers the tendering process or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860(Bhartiya Nyaya Samhita 2023) or any other law in force in India, or does anything which is actionable under the Guidelines for Suspension of Business dealings, action may be taken against such bidder / supplier / contractor as per extant guidelines of the company available on www.bhel.com and / or under applicable legal provisions. Guidelines for suspension of business dealings is available in the webpage: http://www.bhel.com/vendor_registration/vendor.php.									
28	Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection. In the event of any Technical or Commercial queries, the same may please be addressed to the following BHEL concerned before Part I opening- <table><tr><td>Amit Kumar/Manager (AIX-T)</td><td>Gambheer S Chauhan/Engineer (AIX-T)</td></tr><tr><td>Email ID: amit.garg@bhel.in</td><td>Email ID: gchauhan@bhel.in</td></tr><tr><td>Landline: 01334-285623</td><td>Landline: 01334-285166</td></tr><tr><td>Mobile: 9815344974</td><td>Mobile: 9456567277</td></tr></table>	Amit Kumar/Manager (AIX-T)	Gambheer S Chauhan/Engineer (AIX-T)	Email ID: amit.garg@bhel.in	Email ID: gchauhan@bhel.in	Landline: 01334-285623	Landline: 01334-285166	Mobile: 9815344974	Mobile: 9456567277	
Amit Kumar/Manager (AIX-T)	Gambheer S Chauhan/Engineer (AIX-T)									
Email ID: amit.garg@bhel.in	Email ID: gchauhan@bhel.in									
Landline: 01334-285623	Landline: 01334-285166									
Mobile: 9815344974	Mobile: 9456567277									
29	ORDER OF PRECEDENCE: In the event of any ambiguity or conflict between the Tender Documents, the order of precedence shall be in the order below: a. Amendments/Clarifications/Corrigenda/Errata etc. issued in respect of the tender documents by BHEL. b. Buyer Added Bid Specific ATC c. Special conditions of the contract c. Technical Conditions of Contract (TCC) d. GISTC									

30	QUALITY REQUIREMENTS: - Ordering shall be done on BHEL Haridwar accepted sub-contractors only. - Inspection by BHEL/BHEL nominated inspection agency and customer/customer nominated agency (where applicable in QP) as per drawing/standard and quality plan requirements. - Sub-contractor to provide a summary sheet of documents/TCs for correlation. - Sub-contractor to mention relevant QP clauses on all TCs/reports for every lot. - All party material to be procured from BHEL, approved sources only. - Sub-contractor to submit completely filled log sheets wherever applicable. - Following Quality plans are to be followed: <table><tr><th>Drawing No.</th><th>Applicable Quality Plan no.</th></tr><tr><td>2105145600500, 2113205600500, 2113215600600.</td><td>For BHEL inspection: QP/QA/ST/Coating/01 rev 07 dated 25.08.2026. For customer inspection: 1.01.12 rev 00 dated 6.08.2026</td></tr><tr><td>2113215600300</td><td>For BHEL inspection: QP/QA/ST/Coating/01 rev 07 dated 25.08.2026. For BHEL inspection: CPG-QA-SQP-M-293 rev 03 dated 23.07.2025.</td></tr><tr><td>2132400202000</td><td>For Stellite/Coating: QP/QA/ST/Coating/01 rev 07 dated 25.08.2026. For Machining and Assembly: QP/QA/ST/Machining/01 rev. 02 dated 18.03.2025</td></tr><tr><td>For rest items of enquiry</td><td>QP/QA/ST/Coating/01 rev 07 dated 25.08.2026.</td></tr></table>	Drawing No.	Applicable Quality Plan no.	2105145600500, 2113205600500, 2113215600600.	For BHEL inspection: QP/QA/ST/Coating/01 rev 07 dated 25.08.2026. For customer inspection: 1.01.12 rev 00 dated 6.08.2026	2113215600300	For BHEL inspection: QP/QA/ST/Coating/01 rev 07 dated 25.08.2026. For BHEL inspection: CPG-QA-SQP-M-293 rev 03 dated 23.07.2025.	2132400202000	For Stellite/Coating: QP/QA/ST/Coating/01 rev 07 dated 25.08.2026. For Machining and Assembly: QP/QA/ST/Machining/01 rev. 02 dated 18.03.2025	For rest items of enquiry	QP/QA/ST/Coating/01 rev 07 dated 25.08.2026.	
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For rest items of enquiry	QP/QA/ST/Coating/01 rev 07 dated 25.08.2026.											
31	SCRAP: Scrap generated during the machining operation is to be retained by the vendor free of cost (Treated as Deemed Sales) and vendor must adjust/pass on the benefit to BHEL while quoting the rates. Scrap generated during the machining operation is non-chargeable, only GST and applicable taxes on scrap value will be recovered from vendor's end. The scrap rate will be calculated based on the monthly market scrap price Published in MSTC Bulletin/any other document under category of scrap. The difference between raw material weight and finalized weight shall be considered for the calculation of scrap generation.											
32	VALIDITY: Validity of the offer should be minimum 120 days from tender opening date.											
33	ORDER ACKNOWLEDGEMENT (IF ORDER AWARDED): In case order acknowledgement is not received within 7 days, purchase order will be deemed to be accepted by vendor.											
34	SUBMISSION OF BANK GUARANTEE AND INDEMNITY BOND FOR FREE ISSUE MATERIAL: Bank Guarantee (BG) of value ₹ 1.29 Lakhs and Indemnity Bond (IB) of value ₹ 24.47 Lakhs in BHEL prescribed format should be submitted. Without submission of Bank Guarantee and Indemnity Bond, materials shall not be handed over to vendor. The value of Bank Guarantee and Indemnity Bond stated above is for complete quantities of all items of the enquiry. The vendor has to submit the Bank Guarantee and Indemnity Bond for the value of item quantities issued/ordered on him, which will be communicated to vendor separately after placement of order). BHEL reserves the right to ask for the Bank Guarantee and Indemnity Bond for increased amount depending upon the material availability with the SUB-CONTRACTOR from time to time.											
35	CONFLICT OF INTEREST: The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations: i) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly; ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating; iii) Procurement of goods directly from the manufacturers/suppliers shall be preferred. However, if the OEM/Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM) from quoting											

	equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate. iv) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV. a) <u>The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.</u>	
36	COMPLIANCES OF GISTC: Bidder/Vendor has to ensure the submission of their offer for Tender Enquiry only after the compliances of BHEL Haridwar's Buyer Added Bid Specific Additional Terms & Conditions, Special terms and conditions, Technical specifications and requirements, Latest Version of GENERAL INSTRUCTIONS AND STANDARD TERMS & CONDITIONS (GISTC). Please visit our site https://hwr.bhel.com/bhelweb/CodeFiles/gistc.jsp for Latest Version of General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries.	
37	REVERSE AUCTION: BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on https://www.bhel.com/sites/default/files/Guidelines%20for%20Reverse%20Auction%20-%202024.pdf for this tender. RA shall be conducted among the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened. same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.	
38	METHOD OF EVALUATION: Item wise bid evaluation.	
39	Details of Contact Person Name, Designation, Department complete postal, E-mail address & Fax no, phone, Mobile no. to be mentioned.	
40	SPLITTING CLAUSE: Not Applicable	
41	<i>"For supply orders placed on Indian Suppliers: Irrespective of the value of the invoice amount, the bidder / vendor should necessarily upload the despatch & invoice details on BHEL SUVIDHA portal at https://suvidha.bhel.in/suvidha/, prior to despatch. All documents as per PO checklist, along with additional documents (if any), must be uploaded on the portal. It is mandatory that tax invoices with a net amount (including taxes) exceeding Rs five lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. Submission of invoice document in hard copy is allowed for invoices with a net amount (including taxes) equal to and upto Rs five lakhs, in case they were not digitally signed and uploaded on the portal.</i> <i>The material will not be accepted inside BHEL in absence of the above."</i>	
42	Grievance Redressal Mechanism: To promote transparency and ensure fair treatment of all bidders, a structured Grievance Redressal Mechanism is in place to address any concerns or issues arising during the tendering process or in subsequent business dealings with the company. Suppliers/Contractors are requested to follow the below escalation process for grievance resolution: First Level: Any grievance should initially be addressed to the designated Dealing Officer, whose contact details are provided in the Notice Inviting Tender (NIT)/Contract. Second Level: If the issue remains unresolved, it may be escalated by lodging a formal grievance through the SUVIDHA Portal: https://suvidha.bhel.in/suvidha/. Responses will be provided in accordance with the defined escalation matrix.	
43	The bids received from same IP address shall be outrightly rejected and shall not be considered for further evaluation.	
44	Compliance of MSME Gazette Notification S.O. 3507(E) dated 30-06-2026: In respect of procurement of goods or services from Micro, Small and Medium enterprises (MSMEs), the settlement of invoice shall be only through any of the TReDS platform (i.e RXIL, M1 xchange, Invoicemart,	

	KReDX, C2FO), authorized by the Reserve Bank of India. Such MSME suppliers to select their preferred TReDS platform before award of contract so that the data is captured in the Order /Contract database of the Unit. They also will have the option to change the TReDS platform from the drop-down menu on Suvidha portal of BHEL, at the time of invoice submission. Wherever the Trade Receivable is accepted by BHEL, the same shall be validated by the Unit on the respective TReDS platform selected by the supplier. The routing of invoices through the TReDS platform shall not be construed as mandating discounting of such invoices and the MSMEs supplier shall have the option to avail or not avail financing or discounting of its receivables on the TReDS platform. In case discounting is not availed by the supplier on TReDS, the trade receivables will be paid through TReDS as per the payment timelines indicated in the contract."	
45	NOTE: 1. In the event of our customer order covering this tender being cancelled /placed on hold /otherwise modified, BHEL would be constrained to accordingly cancel / hold / modify the tender at any stage of execution. 2. BHEL may negotiate the L1 rate, if not meeting our budget / estimated cost. BHEL may re-float the tender opened, if L1 price is not acceptable to BHEL even after negotiation. Any deviation from the conditions specified in TECHNO-COMMERCIAL TERMS AND CONDITIONS - ATC, will lead to rejection of offer. 3. Any change in applicable rates of Tax or any other statutory levies (Direct / Indirect) or any new introduction of any levy by means of statute and its corresponding liability for the deliveries beyond the agreed delivery date for reasons not attributable to BHEL will be to vendors account. BHEL will not reimburse the same and any subsequent claim in this respect will be summarily rejected. 4. BHEL reserves its right to reject an offer due to unsatisfactory past performance by the respective Vendor in the execution of any contract to any BHEL project / Unit. 5. The offers of the bidders who are under suspension and also the offers of the bidders, who engage the services of the banned firms /principal/agents, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com. 6. Recovery / deduction as applicable as per Direct and Indirect taxes as notified by Govt. Of India from time to time will be made and information/certificate for such deduction/recoveries shall be provided by BHEL to the vendor. 7. Enquiry Items are for commercial re-sale. 8. If vendor(s) do not mention anything about aforementioned clauses (sl. no. 1-44) in their offer, then it shall be presumed to be acceptable. No further clarification shall be asked in this regard after opening of techno-commercial bid part-1.	
46	ENCLOSURE: Annexure-1: Check List. Annexure-2: Offer forwarding letter / tender submission letter Annexure-3: No Deviation Certificate Annexure-4: Declaration regarding Insolvency/ Liquidation/ Bankruptcy Proceedings Annexure-5: Declaration by Authorized Signatory Annexure-6: Declaration by Authorized Signatory regarding Authenticity of submitted Documents Annexure-10: Declaration reg. Related Firms & their areas of Activities Annexure-11: Declaration for relation in BHEL Annexure- 12: Declaration reg. minimum local content in line with revised public procurement Annexure- 13: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017 Annexure-15: Power of Attorney for submission of tender Annexure-18: List of consortium bank	
Vendor's Signature and seal		

ANNEXURE- 1**CHECK LIST**

NOTE: - Suppliers are required to fill in the following details in their Letterhead and no column should be left blank

Tender Reference No.: X/6600/2026/0340/O/1

A	Name and Address of the Supplier		
B	GSTN No. of the Supplier (Place of Execution of Contract / Purchase Order)		
C	Details of Contact person for this Tender	Name: Mr./ Ms. Designation: Telephone No: Mobile No: Email ID:	
D	DESCRIPTION	APPLICABILITY (BY BHEL)	ENCLOSED BY BIDDER
i.	Whether all pages of the Tender documents including annexures, appendices etc are read and understood	Applicable	YES / NO
ii.	Offer forwarding letter / tender submission letter as per Annexure – 2	Applicable	YES / NO
iii.	Submission of Certificate of No Deviation as per Annexure – 3	Applicable	YES / NO
iv.	Declaration regarding Insolvency/ Liquidation/ Bankruptcy Proceedings as per Annexure – 4	Applicable	YES / NO
v.	Declaration by Authorized Signatory as per Annexure – 5	Applicable	YES / NO
vi.	Declaration by Authorized Signatory regarding Authenticity of submitted Documents Annexure – 6	Applicable	YES / NO
vii.	Declaration reg. Related Firms & their areas of Activities as per Annexure – 10	Applicable	YES / NO
viii.	Declaration for relation in BHEL as per Annexure – 11	Applicable	YES / NO
ix.	Declaration reg. minimum local content in line with revised public procurement as per Annexure – 12	Applicable	YES / NO
x.	Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017 as per Annexure – 13	Applicable	YES / NO
xii.	Power of Attorney for submission of tender as per Annexure – 15	Applicable	YES / NO
xiii.	List of consortium Bank as per Annexure – 18	Applicable (Vendor to note & agree)	YES / NO

NOTE: Strike off 'YES' or 'NO', as applicable. Tender not accompanied by the prescribed above applicable documents are liable to be summarily rejected.

DATE:

Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)

ANNEXURE - 2

OFFER FORWARDING LETTER / TENDER SUBMISSION LETTER

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

Offer Reference No.:

Date:

To,
Sr. Engineer / AIX-T
3rd Floor, Main Admin building HEEP Haridwar-249403
Uttarakhand. Phone: 01334-285623, Email: ghauhan@bhel.in

Dear Sir,

Sub: Submission of Offer against Tender Reference No.: X/6600/2026/0340/O/1

Having examined the tender documents against your Tender Reference No. X/6600/2026/0340/O/1 dt. and having understood the provisions of the said tender documents and having thoroughly studied the requirements of BHEL related to the work tendered for, in connection with **Machining & Assembly of items** we hereby submit our offer for the proposed work in accordance with terms and conditions mentioned in the tender documents, at the prices quoted by us and as per the indicated delivery schedule.

Should our Offer be accepted by BHEL for Award, I/we further agree to furnish 'Security Deposit' for the work as provided for in the Tender Conditions within the stipulated time as may be indicated by BHEL.

I/We further agree to execute all the works referred to in the said Tender documents upon the terms and conditions contained or referred to therein and as detailed in the appendices annexed thereto.

I/We have deposited herewith the requisite Earnest Money Deposit (EMD) as per details furnished in the Check List.

Authorized Representative of Bidder

Signature:

Name:

Address:

Place:

Date:

ANNEXURE- 3

CERTIFICATE OF NO DEVIATION

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

To,

Sr. Engineer / AIX-T
3rd Floor, Main Admin building HEEP Haridwar-249403
Uttarakhand. Phone: 01334-285623, Email: ghauhan@bhel.in

Dear Sir,

Subject: No Deviation Certificate

Ref:

- 1) Tender Reference No.: X/6600/2026/0340/O/1
- 2) All other pertinent issues till date

We hereby confirm that we have not changed/ modified/materially altered any of the tender documents as downloaded from the website/ issued by BHEL and in case of such observance at any stage, it shall be treated as null and void.

We also hereby confirm that we have neither set any Terms and Conditions and nor have we taken any deviation from the Tender conditions together with other references applicable for the above referred Bid.

We further confirm our unqualified acceptance to all Terms and Conditions, unqualified compliance to Tender Conditions.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references. Thanking you,

Yours faithfully,

(Signature, date & seal of authorized representative of the bidder)

Date:

Place:

ANNEXURE- 4

UNDERTAKING

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

Sr. Engineer / AIX-T
3rd Floor, Main Admin building HEEP Haridwar-249403
Uttarakhand. Phone: 01334-285623, Email: ghauhan@bhel.in

Dear Sir/Madam,

Sub: DECLARATION REGARDING INSOLVENCY/ LIQUIDATION/ BANKRUPTCY PROCEEDINGS

Ref: Tender Reference No.: X/6600/2026/0340/O/1

I/We, declare that, I/We am/are not under insolvency resolution process or liquidation or Bankruptcy Code Proceedings (IBC) as on date, by NCLT or any adjudicating authority/authorities, which will render us ineligible for participation in this tender.

Sign. of the AUTHORISED SIGNATORY (With Name, Designation and Company seal)

Place:

Date:

ANNEXURE – 5

DECLARATION BY AUTHORISED SIGNATORY OF BIDDER
(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

Sr. Engineer / AIX-T
3rd Floor, Main Admin building HEEP Haridwar-249403
Uttarakhand. Phone: 01334-285623, Email: ghauhan@bhel.in

Dear Sir,

Sub: Declaration by Authorized Signatory

Ref:

- 1) Tender Reference No.: X/6600/2026/0340/O/1
- 2) All other pertinent issues till date

I/We, hereby certify that all the information and data furnished by me with regard to the above Tender Specification are true and complete to the best of my knowledge. I have gone through the specifications, conditions, stipulations and all other pertinent issues till date, and agree to comply with the requirements and Intent of the specification.

I further certify that I am authorized to represent on behalf of my Company/Firm for the above-mentioned tender and a valid Power of Attorney to this effect is also enclosed.

Yours faithfully,

(Signature, Date & Seal of Authorized
Signatory of the Bidder) Date:

Enclosed: Power of Attorney

ANNEXURE – 6

DECLARATION BY AUTHORISED SIGNATORY OF BIDDER
(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

Sr. Engineer / AIX-T
3rd Floor, Main Admin building HEEP Haridwar-249403
Uttarakhand. Phone: 01334-285623, Email: ghauhan@bhel.in

Dear Sir,

Sub : Declaration by Authorized Signatory regarding Authenticity of submitted documents.

Ref :

- 1) Tender Reference No.: X/6600/2026/0340/O/1
- 2) All other pertinent issues till date

I/We, hereby certify that all the documents submitted by us in support of possession of “Qualifying Requirements” are true copies of the original and are fully compliant required for qualifying / applying in the bid and shall produce the original of same as and when required by Bharat Heavy Electricals Limited.

I / We hereby further confirm that no tampering is done with documents submitted in support of our qualification as bidder. I / We understand that at any stage (during bidding process or while executing the awarded contract) if it is found that fake / false / forged bid qualifying / supporting documents / certificates were submitted, it would lead to summarily rejection of our bid / termination of contract. BHEL shall be at liberty to initiate other appropriate actions as per the terms of the Bid / Contract and other extant policies of Bharat Heavy Electricals Limited.

Yours faithfully,

(Signature, Date & Seal of Authorized
Signatory of the Bidder)

Date:

ANNEXURE – 10

DECLARATION

Date:

To,

Sr. Engineer / AIX-T
 3rd Floor, Main Admin building HEEP Haridwar-249403
 Uttarakhand. Phone: 01334-285623, Email: ghauhan@bhel.in

Dear Sir/ Madam,

Sub: Details of related firms and their area of activities

Please find below details of firms owned by our family members that are doing business/ registered for same item with BHEL,
 (NA, if not applicable)

1	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
2	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
3		

Note: I certify that the above information is true and I agree for penal action from BHEL in case any of the above information furnished is found to be false.

Regards, (_)
 From: M/s

Supplier Code:

Address:

ANNEXURE – 11

DECLARATION FOR RELATION IN BHEL

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder failing which the offer of Bidder is liable to be summarily rejected)

To,

Sr. Engineer / AIX-T
3rd Floor, Main Admin building HEEP Haridwar-249403
Uttarakhand. Phone: 01334-285623, Email: ghauhan@bhel.in

Dear Sir,

Sub: Declaration for relation in BHEL

Ref:

1) **Tender Reference No.: X/6600/2026/0340/O/1**

I/We hereby submit the following information pertaining to relation/relatives of Proprietor/Partner(s)/ Director(s) employed in BHEL

Tick (✓) any one as applicable:

1. The Proprietor, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL

OR

2. The Proprietor, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

- i.
- ii.

(Signature, Date & Seal of Authorized
Signatory of the Bidder)

Note:

- 1. Attach separate sheet, if necessary.
- 2. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable against the Bidder/Contractor.

ANNEXURE – 12

**DECLARATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH REVISED PUBLIC
PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 19TH JULY, 2024 AND
SUBSEQUENT ORDER(S)**

(To be typed and submitted in the Letter Head of the Entity/Firm providing certificate as applicable)

To,
Sr. Engineer / AIX-T
3rd Floor, Main Admin building HEEP Haridwar-249403
Uttarakhand. Phone: 01334-285623, Email: ghauhan@bhel.in

Dear Sir,
Sub: Declaration reg. minimum local content in line with Public Procurement (Preference to Make in India), Order 2017-Revision, dated 04th June, 2020 and subsequent order(s).

Ref:

- 1) Tender Reference No.: X/6600/2026/0340/O/1
- 2) All other pertinent issues till date

We hereby certify that the items/works/services offered by -----
(supplier name) has a local content of% and this meets the local content requirement for 'Class-I local supplier' / 'Class II local supplier' ** as defined in Public Procurement (Preference to Make in India), Order 2017-Revision dated 19.07.2024 issued by DPIIT and subsequent order(s).

The details of the location(s) at which the local value addition is made are as follows:

- | | |
|------|------|
| 1. _ | 2. _ |
| 3. _ | 4. _ |

Thanking you, Yours faithfully,

(Signature, Date & Seal of
Authorized Signatory of the Bidder)

** - Strike out whichever is not applicable.

Note:

1. Bidders to note that above format, duly filled & signed by authorized signatory, shall be submitted along with the techno-commercial offer.
2. In case the bidder's quoted value is in excess of Rs. 10 crores, the authorized signatory for this declaration shall necessarily be the statutory auditor or cost auditor of the company (in the case of companies) or a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies).
3. In the event of false declaration, actions as per the above order and as per BHEL Guidelines shall be initiated against the bidder.

ANNEXURE – 13

DECLARATION REGARDING COMPLIANCE TO RESTRICTIONS UNDER RULE 144 (xi) OF GFR 2017

(To be typed and submitted in the Letter Head of the Entity/ Firm providing certificate as applicable)

To,

Sr. Engineer / AIX-T
3rd Floor, Main Admin building HEEP Haridwar-249403
Uttarakhand. Phone: 01334-285623, Email: ghauhan@bhel.in

Dear Sir,

Sub: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017

Ref:

- 1) Tender Reference No.: X/6600/2026/0340/O/1
- 2) All other pertinent issues till date

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I certify that(SPECIFY THE NAME OF THE ORGANIZATION HERE), is not from such a country/ has been registered with the Competent Authority (attach valid registration by the Competent Authority, i.e., the Registration Committee constituted by the Dept. for Promotion of Industry and Internal Trade (DPIIT)).

I hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

Thanking you,
Yours faithfully,

(Signature, Date & Seal of
Authorized Signatory of the Bidder)

Note: Bidders to note that in case above certification given by a bidder, whose bid is accepted, is found to be false, then this would be a ground for immediate termination and for taking further action in accordance with law and as per BHEL guidelines.

ANNEXURE – 15

POWER OF ATTORNEY for SUBMISSION OF TENDER

(To be typed on non-judicial stamp paper of minimum Rs. 100/- and Notarized)

KNOW ALL MEN BY THESE PRESENTS, that I/We do hereby make, nominate, constitute and appoint Mr.
....., whose signature given below herewith to be true and lawful Attorney of
M/s..... hereinafter called 'Company', for submitting Tender/entering into Contract and
inter alia, sign, execute all papers and to do necessary lawful acts on behalf of Company with M/s Bharat Heavy Electricals Ltd,
Works Contracts Management (WCM), in connection with
.....vide.....

And the Company do hereby agree to ratify and confirm all acts, deeds, things or proceedings as may be lawfully done by the said
attorney and by or on behalf of the company and in the name of the company, by virtue of the powers conferred herein and the
same shall be binding on the company and shall have full force and effect.

IN WITNESS WHEREOF, the common seal of the company has been hereunto affixed in the manner hereinafter appearing on
the document.

Dated at, this, day of.....

Director/CMD/Partner/Proprietor

Signature of Mr. (Attorney)

Attested by: Director/CMD/Partner/Proprietor

Witness

Notary Public

ANNEXURE – 18**LIST OF CONSORTIUM BANK**

Sl. No.	NAME OF THE BANK
1	State Bank of India
2	Canara Bank
3	IDBI Bank Limited
4	ICICI Bank Limited
5	HDFC Bank Limited
6	Axis Bank
7	IndusInd Bank Limited
8	Bank of Baroda
9	Exim Bank
10	Indian Bank
11	Punjab National Bank
12	Union Bank of India
13	Yes Bank Limited
14	RBL Bank Ltd.
15	Standard Chartered Bank
16	Indian Overseas Bank
17	Kotak Mahindra Bank Limited
18	Federal Bank Limited
19	Hongkong and Shanghai Banking Corporation Ltd

ANNEXURE - A (DETAILS OF ASSEMBLY)
REF.: TENDER ENQUIRY NO. X/6600/2026/0340/O/1

1. VALVE ASSEMBLY (DRG. NO. 2132400202000)

SL NO.	ITEM DESCRIPTION	DRAWING NO	DRG REV	QUANTITY	MATERIAL BY	REMARKS
1	V.CONE	3132400202100	01	8	COMBINED	PART ITEM
2	SPINDLE	3132400202200	01	8	COMBINED	PART ITEM

Annexure-1 **Technical Pre-Qualification Requirement (PQR) for Angle Ring & Threaded Ring (21051456005, 21053056003, 21053056005)**

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
1	Experience Criteria:		
1.2	Vendor must have experience of carrying out hardfacing using arc welding (SMAW, GTAW, SAW, PTAW) with filler material of stellite 21 (CoCr-E)/ stellite 6 (CoCr-A) / stellite 12 (CoCr-B) / Alloy 625 (Inconel 625) over base material of high alloy steel, for e.g., X22CrMoV12-1, X10CrMoVNB9-1, X12CrMoVNB10-1-1, X19CrMoVNB11-1, X13CrMoCoVNB9-2-1, GX10CrMoVNB9-1, GX12CrMoVNB10-1-1, etc.	Valid WPS & PQR (Performance Qualification Record) developed by vendor for the specified filler material-base metal combination, duly endorsed by third party inspector.	
2	Manufacturing and testing Facilities Criteria:		
2.1	Vendor to confirm that they have adequate in-house facility for hardfacing: arc welding (SMAW / GTAW / SAW / PTAW) and furnace (at least 800 deg C temperature capacity) for heat treatment/PWHT to suit the job.	Vendor to confirm adequacy of equipment and also provide details of arc welding and heat treatment/PWHT facility (size, maximum operating temperature, etc) to be submitted.	
2.2	Vendor must have in-house facilities for machining / surface finishing sufficient to meet the requirements of enquired items. These facilities can also be outsourced.	Details of in-house facilities to be submitted. If any of the process is outsourced, same to be specified.	
2.3	Vendor must have either in-house facilities or outsourced through NABL accredited laboratory for carrying out all testing on hard-farced component.	Details of in-house testing facilities to be submitted. Testing requiring outsourcing through NABL accredited laboratory to be specified.	
3	Technical Criteria:		
3.1	In case of order placement and before start of work on actual job, Vendor to submit following documents for approval of BHEL: (1) Applicable WPS (Welding Procedure Specification), PQR (Performance Qualification Record) & WPQ (Welder Performance Qualification) as per enquired jobs, duly approved by third party inspector. All testing required in WPS/PQR qualification should be got done through NABL accredited laboratory only.	Vendor to confirm submission of document after placement of order.	
3.2	Vendor must confirm to supply enquiry items as per enquiry specification and drawing without any deviation	Vendor to confirm	

1
Signature
 5-12-2024

Signature
 Sushant K. Thakur
 Manager / WTX

Technical Instructions:

Apart from PQR, following special instruction is to be added in the indent for specific hardface welding & production welding requirements which the vendors need to confirm and submit along with the offer.

As per PQR Clause 3.1, Vendor to submit applicable WPS/PQR & WPQ duly approved by third party for enquired jobs after PO placement but before start of work.

Accordingly, following WPSs are identified in the enquiry job. **The same to be communicated to all the vendors for their confirmation - to prepare and send for BHEL review before start of hardface welding & production welding in case PO is awarded.**

Sl No	Drg No	Base Material	Filler 1	Filler 2	Filler 3
1	21051456005-00	P91	St 6	-	-
2	21053056003-00	X22CRMV12-1	St 6	-	-
3	21053056005-00	X22CRMV12-1	St 6	-	-

Note:

- For each filler a separate WPS is required with base material. Accordingly, if a job has mention of Filler 1 & Filler 2, it means, 2 separate WPSs are required for each of the hardface welding fillers with the base material.
- P91 base material includes: X10CrMoVNb9-1, X12CrMoWVNbN10-1-1, X19CrMoVNbN11-1, GX10CrMoVNb9-1, GX12CrMoWVNbN10-1-1, GX12CrMoVNbN9-1 etc
- St 6: Stellite 6 (PZ2 as per TLV 9974 01)
- Preheat & PHWT: Both are required as per TLV 9974 01.

“

Note:

Welding to be done with welding consumables from following BHEL approved sources:

- For Stellite Hardfacing (SMAW/ GTAW/ FCAW/ GMAW/PTAW):
 - WELDING ALLOYS SOUTH ASIA PRIVATE LTD
 - KENNAMETAL STELLITE
 - WEARTECH INTL. INC.
- For ER NiCr-3 (GTAW/ FCAW/ GMAW):
 - ADOR WELDING LIMITED
 - PERFECT WELD DISTRIBUTORS
 - D & H SECHERON ELECTRODES PVT.
 - GEE LIMITED
 - VOESTALPINE BOHLER WELDING GERMANY
 - AIR LIQUIDE WELDING
 - LINCOLN SMITWELD BV
- For E-NiCrFe-3 (SMAW):
 - D & H SECHERON ELECTRODES PVT.
 - GEE LIMITED
 - VOESTALPINE BOHLER WELDING GERMANY
 - SELECTARC INDUSTRIES S.A.S

Vendor Declaration for Consideration of Previous Technical Evaluation
(To be submitted on Vendor's Letter Head)

Date: _____

To,
Bharat Heavy Electricals Limited
HEEP, BHEL, Haridwar

Subject: Declaration for Consideration of Previous Technical Evaluation against Current Tender/ Enquiry _____

Dear Sir,

With reference to the subject tender/enquiry, we hereby submit the following declaration for consideration and evaluation of our technical evaluation documents/manufacturing facility details:

1. We confirm that our firm has already been technically evaluated and technically qualified by BHEL against the same item, for identical/similar PQR requirements, technical requirements, and scope of work in recent enquiries/tenders within the last five (5) years, based on the documents/details submitted by us.
2. We confirm that the manufacturing facilities, infrastructure and technical capabilities submitted during the earlier evaluation remain substantially unchanged and are fully operational as on date.
3. We confirm that the experience documents/credentials submitted by us against the experience criteria in the previous enquiry(ies) remain valid and are applicable for compliance of the experience requirements of the current enquiry also.
4. We undertake that the documents/details submitted during earlier evaluation(s) may be considered by BHEL for technical qualification against the present enquiry.
5. In case any information furnished by us is found to be false, incorrect, or misleading at any stage, BHEL shall have the right to reject our offer/order and take suitable action as deemed fit.

Details of previous evaluation(s) are as under:

Sl. No.	Enquiry Number with date	Purchase Order Number with date (if awarded)
1		
2		
3		

We request BHEL to consider the above declaration for acceptance of our earlier technical evaluation for the present tender.

Thanking you,

For _____
(Company Name)

Authorized Signatory

Name: _____

Designation: _____

Seal & Signature



PQR Ref. No.-TTX/PQR/2026/219

Technical Pre-Qualification Requirement (PQR) for Guide Bush

Coating Requirement: Cr₃C₂ + NiCr on Inner Diameter & Ni-Cr – (Co, Fe, Mo) on Outer Diameter

Sl. No.	Qualification Requirement	Documents to be submitted	Vendor's remarks
1	Vendor must have experience of carrying out thermal spray coating by HVOF process or detonation gun process on steel components.	Purchase order copy covering details of coating alongwith its test certificate / dispatch documents for the work of thermal spray coating Process qualification certificate of HVOF coating for above purchase order / customer acceptance certificate.	
2	Vendor must have in-house facility of thermal spray coating by HVOF or detonation gun process.	Details of in house facilities to be submitted.	
3	Vendor must have facilities (in-house / outsourced) for machining / surface finishing sufficient to meet the requirements of enquired items.	Details of in-house facilities to be submitted. In case of outsourcing, details of their sub supplier with their facility to be submitted.	
4	Coating on actual job shall be carried out after successful process qualifications Process qualification is required for Inner diameter as well as outer diameter with applicable powders respectively as per BHEL enquiry specification. Process qualification shall be done in presence of BHEL / BHEL authorized agency.	Vendor to agree and confirm.	
5	Vendor must have testing facilities (inhouse / outsourced through NABL accredited laboratory) for carrying out all testing on coated component as per enquiry specification.	Details of in-house testing facilities to be submitted. Testing requiring outsourcing through NABL accredited laboratory to be specified.	

Signature
05/02/25
Rajesh Kumar / Mumbai / MTE
(MTE)

Signature
(TTX) 05/02/2025
(Dilip Kumar)
En/TTX.

Pre-Qualifying Requirements (PQR)Threaded Ring (Drg. no. - 21050256101, 21050256102)

Sl. No.	REQUIREMENT	VENDOR REMARKS
1.	Only those vendors should quote who have following machine, facilities installed & operational at their works for following operations for machining and stelling works of 'Threaded Ring' (Drg. no. - 21050256101, 21050256102). Forging of threaded ring shall be supplied to vendor for machining and stelling works, as per drawing.	Vendor to confirm.
1.A.	Vendor must have suitable toolings / facility such as Marking Table / Machine Bed etc. in good working condition, to facilitate marking of job. Vendor must have suitable facility for lifting / handling subject job.	Vendor to confirm.
1.B.	<u>Turning operation:-</u>	(a) Vendor to confirm.
1.B.i.	Lathe Machine, suitable for turning operations of Threaded Ring at different stages as per drawing, TR & scope of work requirements.	(b) Vendor to provide machine details / specification for referred operation.
1.C.	<u>Milling work:-</u>	(a) Vendor to confirm.
1.C.i.	Milling machine suitable for milling slots at 45 Degrees as per drawing, TR & scope of work requirements.	(b) Vendor to provide machine details / specification for referred operation.
1.D.	Stelling related PQR points from WT end as per Annexure-1	Vendor to confirm as per Annexure-1
2	After groove Stelling, the groove is to be machined as per "3. Contour for surface crack test" & surface testing is to be done. Thereafter, finish turning operation as per "4. Finish Contour" is to be done.	Vendor to confirm.
3	Vendor to confirm that above machines (as per pt. no. 1.B to 1.D) are available at their works & are in good working condition with capability of achieving accuracies, surface finish & tolerances as per drawing requirements. If necessary, Vendor can suggest alternate machines (other than specified in pt. no. 1.B to 1.D) for machining job with accuracies, surface finish & tolerances as per drawing, for review & acceptance by BHEL.	Vendor to confirm & submit details.
4	Vendor to confirm that all the dimensions, accuracies & surface finish of the component shall be met as per Technical Requirements & drawing.	Vendor to confirm.
5	Vendor to note that all tools, measuring equipments, technological items etc. required for manufacturing of subject item shall be arranged by vendor, in case of order.	Vendor to confirm.
6	BHEL reserves the right to verify the information provided by vendor. BHEL may also visit vendor works if so desired by BHEL. In case, the information provided by vendor is found to be false/ incorrect, their offer shall be rejected.	Vendor to note & agree.

(Nadeem Ali)
Dy. Mgr. / TTX

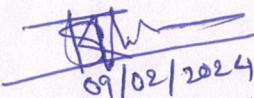
(Mohammad Fazalhaque)
Mgr. / NCT

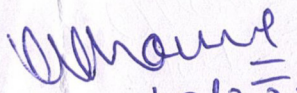
(Sudeep Singh Saluja)
Sr. Mgr. / PPC-T

Technical Pre-Qualification Requirement (PQR) for Threaded Ring (21050256101, 21050256102)

Annexure 1

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
1	Experience Criteria:		
1.2	Vendor must have experience of carrying out hardfacing using arc welding (SMAW, GMAW, SAW, GTAW, PTAW) with filler material of stellite 21 (CoCr-E)/ stellite 6 (CoCr-A) / stellite 12 (CoCr-B) / Alloy 625 (Inconel 625) over base material of high alloy steel, for eg., X22CrMoV12-1, X10CrMoVNb9-1, X12CrMoWVNbN10-1-1, X19CrMoVNbN11-1, X13CrMoCoVNbNB9-2-1, GX10CrMoVNb9-1, GX12CrMoWVNbN10-1-1, etc.	Valid WPS & PQR (Performance Qualification Record) developed by vendor for the specified filler material-base metal combination, duly endorsed by third party inspector.	
2	Manufacturing and testing Facilities Criteria:		
2.1	Vendor to confirm that they have adequate in-house facility for hardfacing: arc welding (SMAW / GMAW / SAW / GTAW / PTAW) and furnace (at least 800 deg C temperature capacity) for heat treatment/PWHT to suit the job.	Vendor to confirm adequacy of equipment and also provide details of arc welding and heat treatment/PWHT facility (size, maximum operating temperature, etc) to be submitted.	
2.2	Vendor must have either in-house facilities or outsourced through NABL accredited laboratory for carrying out all testing on hard-farced component.	Details of in-house testing facilities to be submitted. Testing requiring outsourcing through NABL accredited laboratory to be specified.	
3	Technical Criteria:		
3.1	In case of order placement and before start of work on actual job, Vendor to submit following documents for approval of BHEL: (1) Applicable WPS (Welding Procedure Specification), PQR (Performance Qualification Record) & WPQ (Welder Performance Qualification) as per enquired jobs, duly approved by third party inspector. All testing required in WPS/PQR qualification should be got done through NABL accredited laboratory only.	Vendor to confirm submission of document after placement of order.	
3.2	Vendor must confirm to supply enquiry items as per enquiry specification and drawing without any deviation	Vendor to confirm	


09/02/2024
Sushant Kr. Thakur
Manager (WTX)


09/02/2024
VIJAY KUMAR
Manager (WTX)

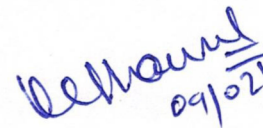
Technical Instructions:

Apart from PQR, following special instruction is to be added in the indent for welding the narrow groove in the Threaded Ring which the vendors have to submit along with the offer.

" Vendor to submit the detailed methodology/ procedure for hardface welding in the narrow groove of the enquired job (Threaded Ring). Vendor may carry out the welding trial on small Carbon steel test piece having same welding groove as of Threaded Ring and submit photographs/ video in support of this. "

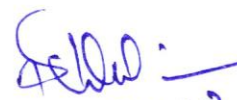
BHEL reserves the right to verify the manufacturing facilities and above welding trial at the vendor works. "


09/02/2024
Sushant K. Thakur
Manager (W TX)


09/02/24
VIJAY KUMAR
Manager (W TX)

Technical Pre-Qualification Requirement (PQR) for Process of hardfacing (Stellite 6/Stellite 21/Alloy 625)

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
1	Experience Criteria:		
1.1	Vendor must have experience of carrying out hardfacing using arc welding (SMAW, GMAW, SAW, GTAW, PTAW) with filler material of stellite 21 (CoCr-E)/ stellite 6 (CoCr-A) / Alloy 625 (Inconel 625) over base material of high alloy steel, for e.g., X22CrMoV12-1, X10CrMoVNb9-1, X12CrMoWVNbN10-1-1, X19CrMoVNbN11-1, X13CrMoCoVNbNB9-2-1, GX10CrMoVNb9-1, GX12CrMoWVNbN10-1-1, etc.	Valid WPS & PQR (Performance Qualification Record) developed by vendor for the specified filler material-base metal combination, duly endorsed by third party inspector.	
2	Manufacturing and testing Facilities Criteria:	-	
2.1	Vendor to confirm that they have adequate in-house facility for hardfacing: arc welding (SMAW / GMAW / SAW / GTAW / PTAW) and furnace of suitable size for heat treatment/PWHT.	Vendor to confirm adequacy of equipment and also provide details of arc welding and heat treatment/PWHT facility (size, maximum operating temperature, etc) to be submitted.	
2.2	Vendor must have in-house facilities for machining / surface finishing sufficient to meet the requirements of enquired items. These facilities can also be outsourced.	Details of in-house facilities to be submitted. If any of the process is outsourced, same to be specified.	
2.3	Vendor must have either in-house facilities or outsourced through NABL accredited laboratory for carrying out all testing on coated/hard-farced component.	Details of in-house testing facilities to be submitted. Testing requiring outsourcing through NABL accredited laboratory to be specified.	


 (DILIP Kumar)
 E4/T12


 08/05/2025

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
3	Technical Criteria:		
3.1	In case of order placement and before start of work on actual job, Vendor to submit following documents for approval of BHEL: (1) Applicable WPS (Welding Procedure Specification), PQR (Performance Qualification Record) & WPQ (Welder Performance Qualification) as per enquired jobs, duly approved by third party inspector. All testing required in WPS/PQR process qualification should be got done through NABL accredited laboratory only.	Vendor to confirm submission of document after placement of order.	
3.2	Vendor must confirm to supply enquiry items as per enquiry specification and drawing without any deviation	Vendor to confirm	

<i>Sd/-</i> TTX (DILIP KUMAR) 24/05/2025	<i>Sd/-</i> 08/05/2025 Sushant Kr. Thakur Manager/KT FT
--	---

Hardfacing File Enquiry No:**Indent:** 20260181 by AIX-T**Items:** Guide Bush, Threaded Ring, Angle Ring, Valve Seat

As per PQR Clause 3.1, Vendor to submit applicable WPS/PQR & WPQ for enquired job after PO placement but before start of work, duly approved by third party.
Accordingly, following WPSs are identified in the enquiry job. The same to be communicated to all the vendors for their information and preparation in case PO is awarded.

1. Indent: 20260181

Sl No	Drg No	Base Mat	Filler 1	Filler 2	Filler 3
1	21120230004-00	P91	Inc 625	-	-
2	21132050005-00	P91	Inc 625	-	-
3	31120230006-00	P91	Inc 625	-	-
4	31132030003-00	P91	Inc 625	-	-
5	21132156006-00	P91	St 6	-	-

Note:

- For each filler a separate WPS is required with base material. Accordingly, if a job has mention of Filler 1, Filler 2 & Filler 3, it means, 3 separate WPSs are required for each of the hardface welding fillers with the base material.
- P91 base material includes: X10CrMoVNb9-1, X12CrMoWVNbN10-1-1, X19CrMoVNbN11-1, GX10CrMoVNb9-1, GX12CrMoWVNbN10-1-1, GX12CrMoVNbN9-1 etc
- NiCr: NiCr-82 (E-NiCrFe-3) (PZ1 as per TLV 9974 01)
- St 21: Stellite 21 (PZ4 as per TLV 9974 01)
- St 6: Stellite 6 (PZ2 as per TLV 9974 01)
- St 12: Stellite 12
- St 306: Stellite 306 (PZ6 as per TLV 9974 01) – *substituted by St 21 as per TLV 9974 01
- Inc 625: Inconel 625 (PZ17 as per TLV 9974 01)
- NiCr+St 21: NiCr-82 as buffer layer + Stellite 21 as filler layer
- NiCr+St 6: NiCr-82 as buffer layer + Stellite 6 as filler layer
- Preheat & PHWT: Both are required as per TLV 9974 01

Note:

Welding to be done with welding consumables from following BHEL approved sources:

- For Stellite Hardfacing (SMAW/ GTAW/ FCAW/ GMAW/PTAW):
 - WELDING ALLOYS SOUTH ASIA PRIVATE LTD
 - KENAMETAL STELLITE
 - WEARTECH INTL. INC.
- For ER NiCr-3 (GTAW/ FCAW/ GMAW):
 - ADOR WELDING LIMITED
 - PERFECT WELD DISTRIBUTORS
 - D & H SECHERON ELECTRODES PVT.
 - GEE LIMITED
 - VOESTALPINE BOHLER WELDING GER
 - AIR LIQUIDE WELDING
 - LINCOLN SMITWELD BV


Sushant Kr. Thakur
Manager (WTX)

3. For E-NiCrFe-3 (SMAW):

- a. D & H SECHERON ELECTRODES PVT.
- b. GEE LIMITED
- c. VOESTALPINE BOHLER WELDING GER
- d. SELECTARC INDUSTRIES S.A.S



Indent: 20240659

Technical Pre-Qualification Requirement (PQR) for Process of hardfacing (HS75-25 + Stellite 6/Stellite 21/Alloy 625)

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
1	Experience Criteria:		
1.1	Vendor must have experience of carrying out thermal spray coating of Cr ₃ C ₂ +NiCr by HVOF process or detonation gun process on components made of alloy steel.	- Purchase order copy alongwith its tax invoice for the work of thermal spray coating of specified material any alloy steel grade. - Test certificate of the work carried out as per above purchase order specifying the details of coating, base material, Coating DPT results, thickness. The certificate must be duly endorsed by third party inspector or customer. - Process qualification of HVOF coating containing details of base material, coating material, hardness, bond strength, porosity and coating thickness.	
1.2	Vendor must have experience of carrying out hardfacing using arc welding (SMAW, GMAW, SAW, GTAW, PTAW) with filler material of stellite 21 (CoCr-E)/ stellite 6 (CoCr-A) / Alloy 625 (Inconel 625) over base material of high alloy steel, for e.g., X22CrMoV12-1, X10CrMoVNb9-1, X12CrMoVNB10-1-1, X19CrMoVNB11-1, X13CrMoCoVNB9-2-1, GX10CrMoVNb9-1, GX12CrMoVNB10-1-1, etc.	Valid WPS & PQR (Performance Qualification Record) developed by vendor for the specified filler material-base metal combination, duly endorsed by third party inspector.	
2	Manufacturing and testing Facilities Criteria:		
2.1	Vendor must have in-house facility of thermal spray coating by HVOF or detonation gun process	Details of facilities to be submitted.	
2.2	Vendor to confirm that they have adequate in-house facility for hardfacing: arc welding (SMAW / GMAW / SAW / GTAW / PTAW) and furnace of suitable size for heat treatment/PWHT.	Vendor to confirm adequacy of equipment and also provide details of arc welding and heat treatment/PWHT facility (size, maximum operating temperature, etc) to be submitted.	
2.3	Vendor must have in-house facilities for machining / surface finishing sufficient to meet the requirements of enquired items. These facilities can also be outsourced.	Details of in-house facilities to be submitted. If any of the process is outsourced, same to be specified.	


03/12/2024

Sd/-
(DWP)
24/12/24

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25/12/24
Respect Kumar
Manager MTE

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
2.4	Vendor must have either in-house facilities or outsourced through NABL accredited laboratory for carrying out all testing on coated/hard-farced component.	Details of in-house testing facilities to be submitted. Testing requiring outsourcing through NABL accredited laboratory to be specified.	
3	Technical Criteria:		
3.1	In case of order placement and before start of work on actual job, Vendor to submit following documents for approval of BHEL: (1) Applicable WPS (Welding Procedure Specification), PQR (Performance Qualification Record) & WPQ (Welder Performance Qualification) as per enquired jobs, duly approved by BHEL. (2) Coating process qualification as per BHEL enquiry specification duly approved by Third party inspector. All testing required in WPS/PQR and coating process qualification should be got done through NABL accredited laboratory only.	Vendor to confirm submission of document after placement of order. Note: 1. WPS/PQR to be witnessed by BHEL. 2. In case of earlier BHEL supply experience, vendor to submit WPS/PQR witnessed by BHEL for approval.	
3.3	Vendor must confirm to supply enquiry items as per enquiry specification and drawing without any deviation	Vendor to confirm	

 <u>05/12/24</u> MTE	 <u>05/12/24</u> TTX	 <u>05/12/24</u> WTX
P. J. M. T. M. (DILP)	W. J. M. T. M. (DILP)	W. J. M. T. M. (DILP)

	PRE-QUALIFICATION REQUIREMENTS (Angle Rings-21051456005, 21053056005)	Indent No. 20260269 TTX/PQR/2026/217
1.0	Only those vendors should quote who have following machine, facilities installed & operational at their works for following operations for machining and other works of "Angle Rings-21051456005 & 21053056005".	Vendor to confirm.
1.1	Vendor must have suitable toolings / facility such as Marking Table / Machine Bed etc. in good working condition, to facilitate marking / transfer marking of job (if required). Vendor must have suitable facility for lifting / handling the subject job.	Vendor to confirm.
2.0	<u>CNC Lathe Machine work :-</u>	
2.1	Vendor must have CNC Lathe machine suitable for complete machining of "Angle Rings" as per drawing & T.R. requirements.	(a) Vendor to confirm. (b) Vendor to provide machine details / accuracy / specification for referred operation.
3.0	Stelliting related PQR points from WT end as per Annexure-1 and declaration as per Annexure-2.	Vendor to confirm & submit required details.
4.0	After groove Stelliting, the groove is to be machined for surface crack test. Thereafter, finish turning operation of Contour shall be carried out.	Vendor to confirm.
5.0	Vendor to confirm that above machines (as per pt. no. 2 to 4) are available at their works & are in good working condition with capability of achieving accuracies & tolerances as per drawing requirements. If necessary, Vendor can suggest alternate machines (other than specified in pt. no. 2 to 4) for machining job with accuracies & tolerances as per drawing, for review & acceptance by BHEL (if proposed).	Vendor to confirm & submit details.
6.0	Vendor to confirm that all the dimensions, accuracies & surface finish of the component shall be met as per drawing & TR requirements.	Vendor to confirm.
7.0	Vendor to note that all tools, measuring equipments, technological items etc. required for manufacturing of subject item shall be arranged by vendor, in case of order.	Vendor to confirm.
8.0	BHEL reserves the right to verify the information provided by vendor. BHEL may also visit vendor works if so desired by BHEL. In case, the information provided by vendor is found to be false/ incorrect, their offer shall be rejected.	Vendor to note & agree.


 I K Ranjan / Mgr. (TTX)
 16-06-2026

Annexure-1 **Technical Pre-Qualification Requirement (PQR) for Angle Ring & Threaded Ring (21051456005, 21053056003, 21053056005)**

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
1	Experience Criteria:		
1.2	Vendor must have experience of carrying out hardfacing using arc welding (SMAW, GTAW, SAW, PTAW) with filler material of stellite 21 (CoCr-E)/ stellite 6 (CoCr-A) / stellite 12 (CoCr-B) / Alloy 625 (Inconel 625) over base material of high alloy steel, for e.g., X22CrMoV12-1, X10CrMoVNB9-1, X12CrMoVNB10-1-1, X19CrMoVNB11-1, X13CrMoCoVNB9-2-1, GX10CrMoVNB9-1, GX12CrMoVNB10-1-1, etc.	Valid WPS & PQR (Performance Qualification Record) developed by vendor for the specified filler material-base metal combination, duly endorsed by third party inspector.	
2	Manufacturing and testing Facilities Criteria:		
2.1	Vendor to confirm that they have adequate in-house facility for hardfacing: arc welding (SMAW / GTAW / SAW / PTAW) and furnace (at least 800 deg C temperature capacity) for heat treatment/PWHT to suit the job.	Vendor to confirm adequacy of equipment and also provide details of arc welding and heat treatment/PWHT facility (size, maximum operating temperature, etc) to be submitted.	
2.2	Vendor must have in-house facilities for machining / surface finishing sufficient to meet the requirements of enquired items. These facilities can also be outsourced.	Details of in-house facilities to be submitted. If any of the process is outsourced, same to be specified.	
2.3	Vendor must have either in-house facilities or outsourced through NABL accredited laboratory for carrying out all testing on hard-farced component.	Details of in-house testing facilities to be submitted. Testing requiring outsourcing through NABL accredited laboratory to be specified.	
3	Technical Criteria:		
3.1	In case of order placement and before start of work on actual job, Vendor to submit following documents for approval of BHEL: (1) Applicable WPS (Welding Procedure Specification), PQR (Performance Qualification Record) & WPQ (Welder Performance Qualification) as per enquired jobs, duly approved by third party inspector. All testing required in WPS/PQR qualification should be got done through NABL accredited laboratory only.	Vendor to confirm submission of document after placement of order.	
3.2	Vendor must confirm to supply enquiry items as per enquiry specification and drawing without any deviation	Vendor to confirm	

1

Signature
5-12-2024

Signature
Sushant K. Thakur
Manager / WTX

Technical Instructions:

Apart from PQR, following special instruction is to be added in the indent for specific hardface welding & production welding requirements which the vendors need to confirm and submit along with the offer.

As per PQR Clause 3.1, Vendor to submit applicable WPS/PQR & WPQ duly approved by third party for enquired jobs after PO placement but before start of work.

Accordingly, following WPSs are identified in the enquiry job. **The same to be communicated to all the vendors for their confirmation - to prepare and send for BHEL review before start of hardface welding & production welding in case PO is awarded.**

Sl No	Drg No	Base Material	Filler 1	Filler 2	Filler 3
1	21051456005-00	P91	St 6	-	-
2	21053056003-00	X22CRMOV12-1	St 6	-	-
3	21053056005-00	X22CRMOV12-1	St 6	-	-

Note:

- For each filler a separate WPS is required with base material. Accordingly, if a job has mention of Filler 1 & Filler 2, it means, 2 separate WPSs are required for each of the hardface welding fillers with the base material.
- P91 base material includes: X10CrMoVNb9-1, X12CrMoWVNbN10-1-1, X19CrMoVNbN11-1, GX10CrMoVNb9-1, GX12CrMoWVNbN10-1-1, GX12CrMoVNbN9-1 etc
- St 6: Stellite 6 (PZ2 as per TLV 9974 01)
- Preheat & PHWT: Both are required as per TLV 9974 01.

“

Note:

Welding to be done with welding consumables from following BHEL approved sources:

- For Stellite Hardfacing (SMAW/ GTAW/ FCAW/ GMAW/PTAW):
 - WELDING ALLOYS SOUTH ASIA PRIVATE LTD
 - KENNAMETAL STELLITE
 - WEARTECH INTL. INC.
- For ER NiCr-3 (GTAW/ FCAW/ GMAW):
 - ADOR WELDING LIMITED
 - PERFECT WELD DISTRIBUTORS
 - D & H SECHERON ELECTRODES PVT.
 - GEE LIMITED
 - VOESTALPINE BOHLER WELDING GERMANY
 - AIR LIQUIDE WELDING
 - LINCOLN SMITWELD BV
- For E-NiCrFe-3 (SMAW):
 - D & H SECHERON ELECTRODES PVT.
 - GEE LIMITED
 - VOESTALPINE BOHLER WELDING GERMANY
 - SELECTARC INDUSTRIES S.A.S



Vendor Declaration for Consideration of Previous Technical Evaluation
(To be submitted on Vendor's Letter Head)

Date: _____

To,
Bharat Heavy Electricals Limited
HEEP, BHEL, Haridwar

Subject: Declaration for Consideration of Previous Technical Evaluation against Current Tender/ Enquiry _____

Dear Sir,

With reference to the subject tender/enquiry, we hereby submit the following declaration for consideration and evaluation of our technical evaluation documents/manufacturing facility details:

1. We confirm that our firm has already been technically evaluated and technically qualified by BHEL against the same item, for identical/similar PQR requirements, technical requirements, and scope of work in recent enquiries/tenders within the last five (5) years, based on the documents/details submitted by us.
2. We confirm that the manufacturing facilities, infrastructure and technical capabilities submitted during the earlier evaluation remain substantially unchanged and are fully operational as on date.
3. We confirm that the experience documents/credentials submitted by us against the experience criteria in the previous enquiry(ies) remain valid and are applicable for compliance of the experience requirements of the current enquiry also.
4. We undertake that the documents/details submitted during earlier evaluation(s) may be considered by BHEL for technical qualification against the present enquiry.
5. In case any information furnished by us is found to be false, incorrect, or misleading at any stage, BHEL shall have the right to reject our offer/order and take suitable action as deemed fit.

Details of previous evaluation(s) are as under:

Sl. No.	Enquiry Number with date	Purchase Order Number with date (if awarded)
1		
2		
3		

We request BHEL to consider the above declaration for acceptance of our earlier technical evaluation for the present tender.

Thanking you,

For _____
(Company Name)

Authorized Signatory

Name: _____

Designation: _____

Seal & Signature



Technical Pre-Qualification Requirement (PQR) for Valve Cone (CBOM: 21324002020-00)

TTX/PQR/2026/237

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
1	Experience Criteria:		
1.1	Vendor must have experience of carrying out hardfacing using arc welding (SMAW, GMAW, SAW, GTAW, PTAW) with filler material of Stellite 21 (CoCr-E)/ stellite 6 (CoCr-A) / Alloy 625 (Inconel 625)/ E-NiCrFe-3 (NICRO-82) over base material of low alloy steel for eg, 21CrMoNiV4-7, G17CrMoV5-10, 21CrMoV5-7 etc or high alloy steel, for e.g., X22CrMoV12-1, X10CrMoVNB9-1, X12CrMoWVNB10-1-1, X19CrMoVNB11-1, X13CrMoCoVNB89-2-1, GX10CrMoVNB9-1, GX12CrMoWVNB10-1-1, etc.	Valid WPS & PQR (Performance Qualification Record) developed by vendor for the specified filler material-base metal combination, duly endorsed by third party inspector.	
2	Manufacturing and testing Facilities Criteria:		
2.1	Vendor to confirm that they have adequate in-house facility for hardfacing and arc welding: arc welding (SMAW / GMAW / SAW / GTAW / PTAW) and furnace of suitable size for heat treatment/PWHT.	Vendor to confirm adequacy of equipment and also provide details of arc welding and heat treatment/PWHT facility (size, maximum operating temperature, etc) to be submitted.	
2.2	Vendor must have in-house facilities for machining / surface finishing sufficient to meet the requirements of enquired items. These facilities can also be outsourced.	Details of in-house facilities to be submitted. If any of the process is outsourced, same to be specified.	
2.3	Vendor must have either in-house facilities or outsourced through NABL accredited laboratory for carrying out all testing on hard-farced component.	Details of in-house testing facilities to be submitted. Testing requiring outsourcing through NABL accredited laboratory to be specified.	

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31/08/2026
Subhan M. Thakur
Manager (MT)

4/10/26
(Dilip Kumar)

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
3	Technical Criteria:		
3.1	In case of order placement and before start of work on actual job, Vendor to submit following documents for approval of BHEL: (1) Applicable WPS (Welding Procedure Specification), PQR (Performance Qualification Record) & WPQ (Welder Performance Qualification) as per enquired jobs, duly approved by third party inspector. All testing required in WPS/PQR qualification should be got done through NABL accredited laboratory only.	Vendor to confirm submission of document after placement of order.	
3.2	Vendor must confirm to supply enquiry items as per enquiry specification and drawing without any deviation	Vendor to confirm	


 TTX (DILIP KUMAR)
 6/5/17


 31/03/2026
 Subhant Kumar, Thakur
 Manager (WT)
 WT

Technical Instructions:

Apart from PQR, following special instruction is to be added in the indent for specific hardface welding & production welding requirements which the vendors need to confirm and submit along with the offer.

As per PQR Clause 3.1, Vendor to submit applicable WPS/PQR & WPQ duly approved by third party for enquired jobs after PO placement but before start of work.

Accordingly, following WPSs are identified in the enquiry job. **The same to be communicated to all the vendors for their confirmation - to prepare and send for BHEL review before start of hardface welding & production welding in case PO is awarded.**

Sl No	Drg No	Base Material	Filler 1	Filler 2	Filler 3
1	21324002020-00	21CRMV 5-7 to X22CRMV12-1	NiCr		-
2	31324002021-00	21CRMV 5-7	St 21	-	-
3	31324002022-00	X22CRMV12-1	-	-	-

Note:

- For each filler a separate WPS is required with base material. Accordingly, if a job has mention of Filler 1 & Filler 2, it means, 2 separate WPSs are required for each of the hardface welding fillers with the base material.
- St 21: Stellite 21 (PZ4 as per TLV 9974 01)
- St 6: Stellite 6 (PZ2 as per TLV 9974 01)
- NiCr: NiCr-82 (E-NiCrFe-3) as per Plant Standard 0913.016
- Preheat & PHWT: Both are required as per TLV 9974 01 & E-NiCrFe-3 electrode production welding

Note:

Welding to be done with welding consumables from following BHEL approved sources:

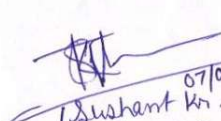
- For Stellite Hardfacing (SMAW/ GTAW/ FCAW/ GMAW/PTAW):
 - WELDING ALLOYS SOUTH ASIA PRIVATE LTD
 - KENAMETAL STELLITE
 - WEARTECH INTL. INC.
- For ER NiCr-3 (GTAW/ FCAW/ GMAW):
 - ADOR WELDING LIMITED
 - PERFECT WELD DISTRIBUTORS
 - D & H SECHERON ELECTRODES PVT.
 - GEE LIMITED
 - VOESTALPINE BOHLER WELDING GERMANY
 - AIR LIQUIDE WELDING
 - LINCOLN SMITWELD BV
- For E-NiCrFe-3 (SMAW):
 - D & H SECHERON ELECTRODES PVT.
 - GEE LIMITED
 - VOESTALPINE BOHLER WELDING GERMANY
 - SELECTARC INDUSTRIES S.A.S


31/08/2020
Sushant Kr. Thakur
Manager (WT)

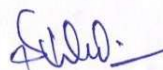
PQR REF NO : TTX/PQR/2026/220

**Technical Pre-Qualification Requirement (PQR) for Valve Seat & Diffuser – Indent No 20240378
(21122211002, 21122211011, 21132102002, 21132111002, 31132002003)**

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
1	Experience Criteria:		
1.2	Vendor must have experience of carrying out hardfacing using arc welding (SMAW, GMAW, SAW, GTAW, PTAW) with filler material of stellite 21 (CoCr-E)/ stellite 6 (CoCr-A) / Alloy 625 (Inconel 625) over base material of low alloy steel for eg, 21CrMoNiV4-7, G17CrMoV5-10, 21CrMoV5-7 etc or high alloy steel, for e.g., X22CrMoV12-1, X10CrMoVNB9-1, X12CrMoWVNB10-1-1, X19CrMoVNB11-1, X13CrMoCoVNB9-2-1, GX10CrMoVNB9-1, GX12CrMoWVNB10-1-1, etc.	Valid WPS & PQR (Performance Qualification Record) developed by vendor for the specified filler material-base metal combination, duly endorsed by third party inspector.	
2	Manufacturing and testing Facilities Criteria:		
2.1	Vendor to confirm that they have adequate in-house facility for hardfacing: arc welding (SMAW / GMAW / SAW / GTAW / PTAW) and furnace for heat treatment/PWHT.	Vendor to confirm adequacy of equipment and also provide details of arc welding and heat treatment/PWHT facility (size, maximum operating temperature, etc) to be submitted.	
2.2	Vendor must have in-house facilities for machining / surface finishing sufficient to meet the requirements of enquired items. These facilities can also be outsourced.	Details of in-house facilities to be submitted. If any of the process is outsourced, same to be specified.	
2.3	Vendor must have either in-house facilities or outsourced through NABL accredited laboratory for carrying out all testing on hard-farced component.	Details of in-house testing facilities to be submitted. Testing requiring outsourcing through NABL accredited laboratory to be specified.	


07/05/2025
(Sushant K. Thakur)
Manager / FT

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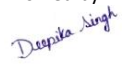
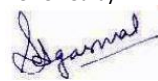

(DIPANKAR)
Eq/TTX

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
3	Technical Criteria:		
3.1	In case of order placement and before start of work on actual job, Vendor to submit following documents for approval of BHEL: (1) Applicable WPS (Welding Procedure Specification), PQR (Performance Qualification Record) & WPQ (Welder Performance Qualification) as per enquired jobs, duly approved by third party inspector. All testing required in WPS/PQR qualification should be got done through NABL accredited laboratory only.	Vendor to confirm submission of document after placement of order.	
3.2	Vendor must confirm to supply enquiry items as per enquiry specification and drawing without any deviation	Vendor to confirm	

 (DILIP KUMAR) TTX 24/TTX	 07/05/2025 Sushant Kr. Thakur Manager (FT) WTX
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Manufacturer Name and Address	MANUFACTURING QUALITY PLAN				APPLICABILITIES TO	
BHEL Haridwar accepted sub contractors	ITEM/EQUIPMEN	As per indent	Q.P. NO	QP/QA/ST/Machining/01	PROJECT	As per indent
	W.O. NO.		DATE	18.03.2025		
		As per indent	REV. NO.	02	CONTRACTOR	BHEL (HEEP) HWR
			PAGE NO.	Page 1 of 2	Indent	As per indent

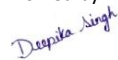
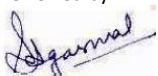
S. No.	COMPONENT OPERATION	CHARACTRISTIC CHECKED	CATE-GORY	TYPE/ METHED OF CHECKED	QUANT-UM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE DOCUMENT	FORMAT OF RECORD	AGENCY				REMARK
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.1	Material Receiving Inspection at sub-contractor's work (in case of BHEL material)	Verification of identification of material	Major	Visual inspection	100 %	As per Drg./ Standard	As per Drg./ Standard	PPMIV/ Q.no.	✓	P	V	-	Material will be supplied by BHEL. Transfer of identification to be ensured.
		Verification of dimensions and visual Inspection as per control marking	Major	Measurement	100 %	As per drg./ Standard	As per drg./ Standard	Obs. Sheet	-	P	-	-	
1.2	Material Receiving Inspection (in case of party material)	Review of Supplier Test Certificate of Material for all the party materials	Major	Visual inspection	100 %	As per drg./ standard	As per drg./ Standard	SMIV/ Q.No./ TC	✓	P	V	-	All party material to be procured from BHEL,Haridwar approved sources with following conditions -In all the cases a mill test certificate correlateable with the component for verification of conformance of the material as per the requirement is essential.
1.3	Material Receiving Inspection (in case of combined material)	Review of Supplier Test Certificate of Material for all the party materials	Major	Visual inspection	100 %	As per drg./ Standard	As per drg./ Standard	TC	✓	P	V	-	(a) For BHEL material, transfer of identification to be ensured (b)All party material to be procured with following conditions - In all the cases a mill test certificate correlateable with the component for verification of conformance of the material as per the requirement is essential.
2.0	INPROCESS-INSPECTION												
2.1	After machining	Visual & dimensional check of components/ sub-components	Major	Visual & Measurement	100%	As per Drg./ Standard/ TDC	As per Drg./ Standard/ TDC	Obs. Sheet/ Log sheet	✓	P	W / V	-	1. W: Random witness by BHEL in case material wt. > 15 kg V for rest. 2. Dimensions, which are not covered in logsheet (if applicable) shall be recorded

Manufacturer/Su bcontractor	Legends: P Perform by; W Witness by; V Record review; C Customer; B BHEL/BHEL Representative; M Manufacturer/ sub-contractor; D: documents with tick mark shall be submitted by vendor to BHEL.	For BHEL Use		
		Worked by:  Deepika Singh, (QAX)	Reviewed by:  Sugandh Agarwal, (QAX)	Approved by:  Sunil Panday, (QAX)

Manufacturer Name and Address		MANUFACTURING QUALITY PLAN				APPLICABILITIES TO	
BHEL Haridwar accepted sub contractors	ITEM/EQUIPMEN	As per indent	Q.P. NO	QP/QA/ST/Machining/01	PROJECT	As per indent	
			DATE	18.03.2025			
	W.O. NO.	As per indent	REV. NO.	02	CONTRACTOR	BHEL (HEEP) HWR	
			PAGE NO.	Page 2 of 2	Indent	As per indent	

													in observation sheet.
2.2	For assembly checks (wherever applicable)	Visual & dimensional check of assembly	Major	Visual and measurement	100%	As per Drg./ Standard/ TDC	As per Drg./ Standard/ TDC	Obs. Sheet/ Logsheets	✓	P	W	-	1. W: Random witness by BHEL 2. Dimensions, which are not covered in logsheet (if applicable) shall be recorded in observation sheet.
2.3	Coating/ preservation	Coating/ preservation	Major	Visual & measurement	100%	As per Drg./ Standard/ TDC	As per Drg./ Standard/ TDC	Obs. Sheet	✓	P	V	-	
3.0	FINAL-INSPECTION												
3.1		Completeness of Job, Documentation	Major	Visual	100%	As per Drg./ Standard/ TDC	As per Drg./ Standard/ TDC	Record	✓	P	V	-	Item shall be dispatched to BHEL after acceptance by BHEL/ BHEL nominated agency after duly identifying by P.O. No., drg no. Plant Order No. and I.R.No

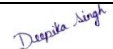
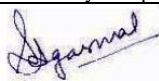
1. All requirements of P.O., standard and drawing shall be fulfilled.
2. BHEL reserves the right for conducting repeat test, if required.
3. Job to be packed properly. Packing should be suitable to protect any damage to job (special care to be taken to protect finished machined surfaces) during handling and transportation.

Manufacturer/Su bcontractor	Legends:	For BHEL Use		
	P Perform by; W Witness by; V Record review; C Customer; B BHEL/BHEL Representative; M Manufacturer/ sub-contractor; D: documents with tick mark shall be submitted by vendor to BHEL.	Worked by:  Deepika Singh, (QAX)	Reviewed by:  Sugandh Agarwal, (QAX)	Approved by:  Sunil Panday, (QAX)

 HARIDWAR	MANUFACTURING QUALITY PLAN							PROJECT: NORTH KARANPURA 660 MW PACKAGE: SPARE WO NO. 10829C11514 MAIN SUPPLIER: BHEL, Haridwar						
												ITEM: THREADED RING, ANGLE RING		
	QP NO.: 1.01.12													
	REV. 00													
	DATE: 06-AUG-2026													
PAGE 1 OF 1														
SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS		AGENCY			REMARKS	
1	2	3	4	5	6	7	8	9	D	S	B	C	10	11

1.000	Receiving inspection												
1.110		Verification of supplier's certificates for chemical composition and mechanical properties.	Major	Certificate review	As per BHEL spec.	MTC	As per BHEL drg./spec.	Receiving inspection record		-	P	-	From BHEL accepted sources as per BHEL controls.
2.000	In-process inspection.												
2.100		Verification of dimensions	Major	Measurement	Random	As per BHEL drg	As per BHEL drg	Logsheet/ Obs. Sheet	✓	P*	P/ V*	V	
3.000	Final inspection	Check for cleanliness & completeness	Minor	Visual	100%	As per BHEL drg	As per BHEL drg	-		-	P	-	

*In case of off-loading on BHEL accepted sub-contractors.

 Worked by: Deepika Singh  Approved By: Sugandh Agarwal	MAIN-SUPPLIER	Legend: Records identified with "tick" shall be submitted to customer as a QA Documentation package. S= sub-vendor, B= BHEL/ BHEL nominated inspection agency, C= Customer/ customer representative, P= Perform, V= Review of records W= Customer witness (not hold, BHEL to give advance notice and customer to Associate but work will not stop. CHP= Customer Hold Point (work will not proceed unless the clearance from customer)	DOC. NO. REV CAT	FOR CUSTOMER USE	REVIEWED BY	APPROVED BY	APPROVAL SEAL	
								MANUFACTURER/ SUB-CONTRACTOR
								SIGNATURE

Manufacturer Name and Address निर्माता का नाम और पता			MANUFACTURING QUALITY PLAN मैन्युफैक्चरिंग क्वालिटी प्लान							APPLICABILITIES TO ऐप्लिकेबिलिटीस टू					
BHEL Haridwar accepted sub-contractors only केवल बीएचईएल हरिद्वार स्वीकृत उप-ठेकेदार			ITEM /EQUIPMENT मद/उपकरण: W.O. NO/ कार्य-आदेश सं.:	As per the indent/ इंडेंट के अनुसार		QP NO/ क्यूपी सं.	QP/QA/ST/Coating/01		Project/ प्रोजैक्ट:	As per the indent/ इंडेंट के अनुसार					
							25.08.2026								
				As per the indent/ इंडेंट के अनुसार			REV. NO./ संशोधित सं.		07		Contractor/ कांटेक्टर:		BHEL (HEEP) HWR/ बीएचईएल (हीप), हरिद्वार		
							PAGE NO./पृष्ठ सं.		PAGE/पृष्ठ 1 OF से 8		Indent/ इंडेंट		As per the indent/ इंडेंट के अनुसार		
SL. NO क्र.सं.	COMPONENT & OPERATIONS अवयव व संचालन	CHARACTERISTICS विशेषताएं	CATEGORY वर्ग	TYPE/ METHOD OF CHECK जांच के प्रकार/ विधि	QUANTUM OF CHECK जांच के परिमाण	REFERENCE DOCUMENT संदर्भ दस्तावेज	ACCEPTANCE NORMS स्वीकृत मानदंड	FORMAT OF RECORD रिकॉर्ड का प्रारूप		AGENCY एजेंसी				REMARKS टिप्पणियां	
1	2	3	4	5	6	7	8	9	D डी 10	S एस 11	B बी 12	C सी 13			
													14		

1.1	Material Receiving Inspection at sub-contractor's work for BHEL material	Verification of identification of material	Major	Visual inspection	100 %	As per Drg./ Standard	As per Drg./ Standard	PPMIV/ Q.no.	✓	P	V	-	Material will be supplied by BHEL. Transfer of identification to be ensured.
		Verification of dimensions and visual Inspection as per control marking	Major	Measurement	100 %	As per drg./ Standard	As per drg./ Standard	Obs. Sheet	-	P	-	-	
1.2	Material Receiving Inspection for party material	Review of Supplier Test Certificate of Material, for all the party materials	Major	Visual inspection	100 %	As per drg./ standard	As per drg./ Standard	SMIV/ Q.No./ TC	✓	P	V	-	All Stelliting materials to be procedure from BHEL approved sources only
2.00	INPROCESS INSPECTION												
2.01		Stress relieving after rough machining (if applicable)	Major	Process	100%	As per drg./ Standard	As per drg./ Standard	Furnace chart	✓	P	V	-	
PART – A (NICRO 82/ PZ1)/ (Stellite 6/ PZ2)/ (Stellite 12)/ (Stellite 21/ PZ4)/ (Stellite-306)/ (THERMANIT-625 coating/ PZ17)/ PZ9/ PZ16/ Buffer Layer, as applicable													
2.02		Dimensional check & visual inspection (pre-buffer layer/ pre-stellite machining)	Major	Visual and measurement	100%	As per Drg./ standard	As per Drg./ standard	Logsheet/ Obs. Sheet	✓	P	W	-	1. In case, surface having customer seal is being machined off, customer involvement is required for seal transfer. 2. Dimensions, which are not

Manufacturer/ Subcontractor निर्माता/ सब कांटेक्टर	Legends: P: Perform/ निष्पादन; W: Witness/ गवाह; V: Review of Records/ अभिलेखों का सत्यापन; C: Customer/Customer nominated inspection agency ग्राहक/ग्राहक नामांकित निरीक्षण एजेंसी; B: BHEL/ BHEL nominated inspection agency बीएचईएल/बीएचईएल नामांकित निरीक्षण एजेंसी, M Manufacturer/ sub-contractor/ निर्माता/कांटेक्टर; Records identified with "TICK" (✓) under column 'D' shall be submitted by sub-contractor to BHEL/ कॉलम 'डी' के अंतर्गत "टिक" (✓) से पहचाने गए रिकॉर्ड उप-ठेकेदार द्वारा बीएचईएल को प्रस्तुत किए जाएंगे।	For BHEL Use/ बीएचईएल के उपयोग के लिए		
		Worked by/ द्वारा समीक्षा की गई: Deepika Singh, (QAX)	Reviewed by/ द्वारा समीक्षा की गई: Sugandh Agarwal, (QAX)	Approved By/ द्वारा अनुमोदित: Braj Bhushan Tripathy, (QAX)

Manufacturer Name and Address निर्माता का नाम और पता			MANUFACTURING QUALITY PLAN मैन्युफैक्चरिंग क्वालिटी प्लान							APPLICABILITIES TO ऐप्लिकेबिलिटीस टू					
BHEL Haridwar accepted sub-contractors only केवल बीएचईएल हरिद्वार स्वीकृत उप-ठेकेदार			ITEM /EQUIPMENT मद/उपकरण: W.O. NO/ कार्य-आदेश सं.:	As per the indent/ इंडेंट के अनुसार		QP NO/ क्यूपी सं.		QP/QA/ST/Coating/01		Project/ प्रोजैक्ट:	As per the indent/ इंडेंट के अनुसार				
						DATE/ तिथि		25.08.2026							
				As per the indent/ इंडेंट के अनुसार		REV. NO./ संशोधित सं.		07		Contractor/ कांटेक्टर:	BHEL (HEEP) HWR/ बीएचईएल (हीप), हरिद्वार				
						PAGE NO./पृष्ठ सं.		PAGE/पृष्ठ 2 OF से 8					Indent/ इंडेंट	As per the indent/ इंडेंट के अनुसार	
SL. NO क्र.सं.	COMPONENT & OPERATIONS अवयव व संचालन	CHARACTERISTICS विशेषताएं	CATEGORY वर्ग	TYPE/ METHOD OF CHECK जांच के प्रकार/ विधि	QUANTUM OF CHECK जांच के परिमाण	REFERENCE DOCUMENT संदर्भ दस्तावेज	ACCEPTANCE NORMS स्वीकृत मानदंड	FORMAT OF RECORD रिकॉर्ड का प्रारूप		AGENCY एजेंसी					
1	2	3	4	5	6	7	8	9	D डी 10	S एस 11	B बी 12	C सी 13			
													14		

													covered in logsheet (if applicable) shall be recorded in observation sheet.
2.03		DPT of machined area before buffer layer/stellite	Major	DPT	As per Drg./ standard	As per Drg./ standard	As per Drg./ standard	Report	✓	P	W	-	
2.04		Buffer Layer/Stellite	Major	Process	As per Drg	BHEL approved WPS & PQR		Obs. Sheet	✓	P	V/ W	-	1. BHEL approved WPS, PQR shall be used 2. For first supply, "W" by BHEL (on sample). Approval of WPS & PQR from BHEL is required. 3. Separate process qualification for buffer layer and stellite combination. 4. Inter-pass temperature to be checked during actual welding
2.05		Heat treatment after buffer layer and/or stellite (as applicable)	Major	Process	100%	As per drg./ Standard	As per drg./ Standard	Furnace chart	✓	P	V	-	HT record for all intermediate deposit and stellite deposit

Manufacturer/ Subcontractor निर्माता/ सब कांटेक्टर	Legends: P: Perform/ निष्पादन; W: Witness/ गवाह; V: Review of Records/ अभिलेखों का सत्यापन; C: Customer/Customer nominated inspection agency ग्राहक/ग्राहक नामांकित निरीक्षण एजेंसी; B: BHEL/ BHEL nominated inspection agency बीएचईएल/बीएचईएल नामांकित निरीक्षण एजेंसी, M Manufacturer/ sub-contractor/ निर्माता/कांटेक्टर; Records identified with "TICK" (✓) under column 'D' shall be submitted by sub-contractor to BHEL/ कॉलम 'डी' के अंतर्गत "टिक" (✓) से पहचाने गए रिकॉर्ड उप-ठेकेदार द्वारा बीएचईएल को प्रस्तुत किए जाएंगे।	For BHEL Use/ बीएचईएल के उपयोग के लिए		
		Worked by/ द्वारा समीक्षा की गई: Deepika Singh, (QAX)	Reviewed by/ द्वारा समीक्षा की गई: Sugandh Agarwal, (QAX)	Approved By/ द्वारा अनुमोदित: Braj Bhushan Braj Bhushan Tripathy, (QAX)

Manufacturer Name and Address निर्माता का नाम और पता			MANUFACTURING QUALITY PLAN मैन्युफैक्चरिंग क्वालिटी प्लान							APPLICABILITIES TO ऐप्लिकेबिलिटीस टू				
BHEL Haridwar accepted sub-contractors only केवल बीएचईएल हरिद्वार स्वीकृत उप-ठेकेदार			ITEM /EQUIPMENT मद/उपकरण: W.O. NO/ कार्य-आदेश सं.:	As per the indent/ इंडेंट के अनुसार	As per the indent/ इंडेंट के अनुसार	QP NO/ क्यूपी सं.	DATE/ तिथि	REV. NO./ संशोधित सं.	PAGE NO./पृष्ठ सं.	QP/QA/ST/Coating/01		Project/ प्रोजैक्ट:	As per the indent/ इंडेंट के अनुसार	
										25.08.2026				
										07				
										PAGE/पृष्ठ 3 OF से 8				
Contractor/ कां्ट्रैक्टर:		BHEL (HEEP) HWR/ बीएचईएल (हीप), हरिद्वार												
Indent/ इंडेंट		As per the indent/ इंडेंट के अनुसार												
SL. NO क्र.सं.	COMPONENT & OPERATIONS अवयव व संचालन	CHARACTERISTICS विशेषताएं	CATEGORY वर्ग	TYPE/ METHOD OF CHECK जांच के प्रकार/ विधि	QUANTUM OF CHECK जांच के परिमाण	REFERENCE DOCUMENT संदर्भ दस्तावेज	ACCEPTANCE NORMS स्वीकृत मानदंड	FORMAT OF RECORD रिकॉर्ड का प्रारूप	AGENCY एजेंसी				REMARKS टिप्पणियां	
1	2	3	4	5	6	7	8	9	D डी 10	S एस 11	B बी 12	C सी 13		
14														

2.06		Dimensional check and visual inspection (post buffer layer /post stellite machining) including thickness of deposit	Major	Visual and measurement	100%	As per drg./ Standard	As per drg./ Standard	Logsheets/ Obs. Sheet	✓	P	W	-	1. In case, surface having customer seal is being machined off, customer involvement is required for seal transfer. 2. Dimensions, which are not covered in logsheet (if applicable) shall be recorded in observation sheet.
2.07		DPT of machined area after buffer layer/stellite, Hardness of stellite area (if applicable), PMI	Major	DPT, measurement	As per Drg./ Standard	As per Drg./ standard	As per Drg./ standard	Report	✓	P	W	-	XRF results to be reported for information.
2.08		Ultrasonic examination (only on feasible areas of all valve components)	Major	UT	As per Drg./ Standard	As per TLV 9974-01	As per PA 1.0084	UT Report	✓	P	W	-	
PART – B (HS 75-25 COATING), as applicable													
2.08		Dimensional check & visual inspection (pre coating machining)	Major	Visual and measurement	100%	As per Drg./ standard	As per Drg./ standard	Logsheets/ Obs. Sheet	✓	P	W	-	1. In case, surface having customer seal is being machined off, customer involvement is required

Manufacturer/ Subcontractor निर्माता/ सब कांटेक्टर	Legends: P: Perform/ निष्पादन; W: Witness/ गवाह; V: Review of Records/ अभिलेखों का सत्यापन; C: Customer/Customer nominated inspection agency ग्राहक/ग्राहक नामांकित निरीक्षण एजेंसी; B: BHEL/ BHEL nominated inspection agency बीएचईएल/बीएचईएल नामांकित निरीक्षण एजेंसी, M Manufacturer/ sub-contractor/ निर्माता/कांटेक्टर; Records identified with "TICK" (✓) under column 'D' shall be submitted by sub-contractor to BHEL/ कॉलम 'डी' के अंतर्गत "टिक" (✓) से पहचाने गए रिकॉर्ड उप-ठेकेदार द्वारा बीएचईएल को प्रस्तुत किए जाएंगे।	For BHEL Use/ बीएचईएल के उपयोग के लिए		
		Worked by/ द्वारा समीक्षा की गई: Deepika Singh, (QAX)	Reviewed by/ द्वारा समीक्षा की गई: Sugandh Agarwal, (QAX)	Approved By/ द्वारा अनुमोदित: Braj Bhushan Braj Bhushan Tripathy, (QAX)

Manufacturer Name and Address निर्माता का नाम और पता			MANUFACTURING QUALITY PLAN मैन्युफैक्चरिंग क्वालिटी प्लान							APPLICABILITIES TO एप्लिकेबिलिटीस टू			
BHEL Haridwar accepted sub-contractors only केवल बीएचईएल हरिद्वार स्वीकृत उप-ठेकेदार			ITEM /EQUIPMENT मद/उपकरण: W.O. NO/ कार्य-आदेश सं.:	As per the indent/ इंडेंट के अनुसार	As per the indent/ इंडेंट के अनुसार	QP NO/ क्यूपी सं. DATE/ तिथि REV. NO./ संशोधित सं. PAGE NO./पृष्ठ सं.	QP/QA/ST/Coating/01 25.08.2026 07 PAGE/पृष्ठ 4 OF से 8	Project/ प्रोजैक्ट: Contractor/ कां्ट्रैक्टर: Indent/ इंडेंट	As per the indent/ इंडेंट के अनुसार BHEL (HEEP) HWR/ बीएचईएल (हीप), हरिद्वार As per the indent/ इंडेंट के अनुसार				
SL. NO क्र.सं.	COMPONENT & OPERATIONS अवयव व संचालन	CHARACTERISTICS विशेषताएं	CATEGORY वर्ग	TYPE/ METHOD OF CHECK जांच के प्रकार/विधि	QUANTUM OF CHECK जांच के परिमाण	REFERENCE DOCUMENT संदर्भ दस्तावेज	ACCEPTANCE NORMS स्वीकृत मानदंड	FORMAT OF RECORD रिकॉर्ड का प्रारूप	AGENCY एजेंसी				REMARKS टिप्पणियां
1	2	3	4	5	6	7	8	9	D डी 10	S एस 11	B बी 12	C सी 13	14

													for seal transfer. 2. Dimensions, which are not covered in logsheet (if applicable) shall be recorded in observation sheet.
2.09		DPT of machined surfaces before coating	Major	DPT	As per Drg./ Standard	As per Drg./ standard	As per Drg./ standard	Report	✓	P	W	-	
2.10		Coating process qualification (Flow rate , Pressure of gases, Distance between gun & job, Grade of powder)	Major	Process qualification	As per Drg./ Standard	As per Drg./ standard	As per Drg./ standard	Process qualification records	✓	P	V/ W	-	For first supply, BHEL shall witness process qualification (on test sample) to establish process parameters. Process re-qualification shall be done as applicable TLV
2.11		Cleaning & surface preparation before coating	Major	Visual	As per Drg./ Standard	As per Drg./ standard	As per Drg./ standard	Internal Report	✓	P	V		Surface roughness profile to be recorded. Time stamped photographic record to be submitted

Manufacturer/ Subcontractor निर्माता/ सब कांटेक्टर	Legends: P: Perform/ निष्पादन; W: Witness/ गवाह; V: Review of Records/ अभिलेखों का सत्यापन; C: Customer/Customer nominated inspection agency ग्राहक/ग्राहक नामांकित निरीक्षण एजेंसी; B: BHEL/ BHEL nominated inspection agency बीएचईएल/बीएचईएल नामांकित निरीक्षण एजेंसी, M Manufacturer/ sub-contractor/ निर्माता/कांटेक्टर; Records identified with "TICK" (✓) under column 'D' shall be submitted by sub-contractor to BHEL/ कॉलम 'डी' के अंतर्गत "टिक" (✓) से पहचाने गए रिकॉर्ड उप-ठेकेदार द्वारा बीएचईएल को प्रस्तुत किए जाएंगे।	For BHEL Use/ बीएचईएल के उपयोग के लिए		
		Worked by/ द्वारा समीक्षा की गई: Deepika Singh, (QAX)	Reviewed by/ द्वारा समीक्षा की गई: Sugandh Agarwal, (QAX)	Approved By/ द्वारा अनुमोदित: Braj Bhushan Tripathy, (QAX)

Manufacturer Name and Address निर्माता का नाम और पता			MANUFACTURING QUALITY PLAN मैन्युफैक्चरिंग क्वालिटी प्लान							APPLICABILITIES TO ऐप्लिकेबिलिटीस टू			
BHEL Haridwar accepted sub-contractors only केवल बीएचईएल हरिद्वार स्वीकृत उप-ठेकेदार			ITEM /EQUIPMENT मद/उपकरण: W.O. NO/ कार्य-आदेश सं.:	As per the indent/ इंडेंट के अनुसार	As per the indent/ इंडेंट के अनुसार	QP NO/ क्यूपी सं.	DATE/ तिथि	REV. NO./ संशोधित सं.	QP/QA/ST/Coating/01	25.08.2026	07	Contractor/ कांटेक्टर:	BHEL (HEEP) HWR/ बीएचईएल (हीप), हरिद्वार

2.12		HS 75-25 coating	Major	Process	As per Drg.	As per drawing / standard & Established parameters during process qualification		Obs. Sheet	✓	P	V	-	1. Coating must be performed within 4 hours of blasting 2. Records / photographs of process parameters shall be shared with time stamp
2.11		Dimensional check and visual inspection (post coating machining) including • Thickness of coating • Radial & axial run-out • Straightness check (whereever applicable)	Major	Visual and measurement	100%	As per drg./ Standard	As per drg./ Standard	Logsheet/ Obs. Sheet	✓	P	W	-	1. In case, surface having customer seal is being machined off, customer involvement is required for seal transfer. 2. Dimensions, which are not covered in logsheet (if applicable) shall be recorded in observation sheet.
2.12		DPT of machined surfaces after coating	Major	DPT	As per Drg./ Standard	As per Drg./ standard	As per Drg./ standard	Report	✓	P	W	-	
PART – C (Buffer layer + HS 75-25 COATING), as applicable													
2.13		Dimensional check &	Major	Visual and	100%	As per	As per	Logsheet/	✓	P	W	-	1. In case, surface having

Manufacturer/ Subcontractor निर्माता/ सब कांटेक्टर	Legends: P: Perform/ निष्पादन; W: Witness/ गवाह; V: Review of Records/ अभिलेखों का सत्यापन; C: Customer/Customer nominated inspection agency ग्राहक/ग्राहक नामांकित निरीक्षण एजेंसी; B: BHEL/ BHEL nominated inspection agency बीएचईएल/बीएचईएल नामांकित निरीक्षण एजेंसी, M Manufacturer/ sub-contractor/ निर्माता/कांटेक्टर; Records identified with "TICK" (✓) under column 'D' shall be submitted by sub-contractor to BHEL/ कॉलम 'डी' के अंतर्गत "टिक" (✓) से पहचाने गए रिकॉर्ड उप-ठेकेदार द्वारा बीएचईएल को प्रस्तुत किए जाएंगे।	For BHEL Use/ बीएचईएल के उपयोग के लिए		
		Worked by/ द्वारा समीक्षा की गई: Deepika Singh, (QAX)	Reviewed by/ द्वारा समीक्षा की गई: Sugandh Agarwal, (QAX)	Approved By/ द्वारा अनुमोदित: Braj Bhushan Braj Bhushan Tripathy, (QAX)

Manufacturer Name and Address निर्माता का नाम और पता			MANUFACTURING QUALITY PLAN मैन्युफैक्चरिंग क्वालिटी प्लान							APPLICABILITIES TO ऐप्लिकेबिलिटीस टू					
BHEL Haridwar accepted sub-contractors only केवल बीएचईएल हरिद्वार स्वीकृत उप-ठेकेदार			ITEM /EQUIPMENT मद/उपकरण: W.O. NO/ कार्य-आदेश सं.:	As per the indent/ इंडेंट के अनुसार		QP NO/ क्यूपी सं.		QP/QA/ST/Coating/01		Project/ प्रोजैक्ट:	As per the indent/ इंडेंट के अनुसार				
						DATE/ तिथि		25.08.2026							
				As per the indent/ इंडेंट के अनुसार		REV. NO./ संशोधित सं.		07		Contractor/ कांटेक्टर:	BHEL (HEEP) HWR/ बीएचईएल (हीप), हरिद्वार				
						PAGE NO./पृष्ठ सं.		PAGE/पृष्ठ 6 OF से 8					Indent/ इंडेंट	As per the indent/ इंडेंट के अनुसार	
SL. NO क्र.सं.	COMPONENT & OPERATIONS अवयव व संचालन	CHARACTERISTICS विशेषताएं	CATEGORY वर्ग	TYPE/ METHOD OF CHECK जांच के प्रकार/ विधि	QUANTUM OF CHECK जांच के परिमाण	REFERENCE DOCUMENT संदर्भ दस्तावेज	ACCEPTANCE NORMS स्वीकृत मानदंड	FORMAT OF RECORD रिकॉर्ड का प्रारूप		AGENCY एजेंसी					
1	2	3	4	5	6	7	8	9	D डी 10	S एस 11	B बी 12	C सी 13			
													14		

		visual inspection (pre buffer layer machining)		measurement		Drg./ standard	Drg./ standard	Obs. Sheet					customer seal is being machined off, customer involvement is required for seal transfer. 2. Dimensions, which are not covered in logsheet (if applicable) shall be recorded in observation sheet.
2.14		DPT of machined surfaces before coating (Buffer layer + HS 75-25 coating)	Major	DPT	As per Drg./ Standard	As per Drg./ standard	As per Drg./ standard	Report	✓	P	W	-	
2.15		(Buffer layer + HS 75-25 coating)	Major	Process	As per Drg.	Established parameters during process qualification		Obs. Sheet	✓	P	V/ W	-	1. BHEL approved WPS, PQR shall be used 2. For first supply, "W" by BHEL (on sample). Approval of process parameters from BHEL is required.
2.16		Dimensional check and visual inspection (post coating machining)	Major	Visual and measurement	100%	As per drg./ Standard	As per drg./ Standard	Logsheet/ Obs. Sheet	✓	P	W	-	1. In case, surface having customer seal is being machined off, customer involvement is

Manufacturer/ Subcontractor निर्माता/ सब कांटेक्टर	Legends: P: Perform/ निष्पादन; W: Witness/ गवाह; V: Review of Records/ अभिलेखों का सत्यापन; C: Customer/Customer nominated inspection agency ग्राहक/ग्राहक नामांकित निरीक्षण एजेंसी; B: BHEL/ BHEL nominated inspection agency बीएचईएल/बीएचईएल नामांकित निरीक्षण एजेंसी, M Manufacturer/ sub-contractor/ निर्माता/कांटेक्टर; Records identified with "TICK" (✓) under column 'D' shall be submitted by sub-contractor to BHEL/ कॉलम 'डी' के अंतर्गत "टिक" (✓) से पहचाने गए रिकॉर्ड उप-ठेकेदार द्वारा बीएचईएल को प्रस्तुत किए जाएंगे।	For BHEL Use/ बीएचईएल के उपयोग के लिए		
		Worked by/ द्वारा समीक्षा की गई: Deepika Singh, (QAX)	Reviewed by/ द्वारा समीक्षा की गई: Sugandh Agarwal, (QAX)	Approved By/ द्वारा अनुमोदित: Braj Bhushan Tripathy, (QAX)

Manufacturer Name and Address निर्माता का नाम और पता			MANUFACTURING QUALITY PLAN मैन्युफैक्चरिंग क्वालिटी प्लान							APPLICABILITIES TO एप्लिकेबिलिटीस टू					
BHEL Haridwar accepted sub-contractors only केवल बीएचईएल हरिद्वार स्वीकृत उप-ठेकेदार			ITEM /EQUIPMENT मद/उपकरण: W.O. NO/ कार्य-आदेश सं.:	As per the indent/ इंडेंट के अनुसार		QP NO/ क्यूपी सं.		QP/QA/ST/Coating/01		Project/ प्रोजैक्ट:	As per the indent/ इंडेंट के अनुसार				
						DATE/ तिथि		25.08.2026							
				As per the indent/ इंडेंट के अनुसार		REV. NO./ संशोधित सं.		07		Contractor/ कांटेक्टर:	BHEL (HEEP) HWR/ बीएचईएल (हीप), हरिद्वार				
						PAGE NO./पृष्ठ सं.		PAGE/पृष्ठ 7 OF से 8					Indent/ इंडेंट	As per the indent/ इंडेंट के अनुसार	
SL. NO क्र.सं.	COMPONENT & OPERATIONS अवयव व संचालन	CHARACTERISTICS विशेषताएं	CATEGORY वर्ग	TYPE/ METHOD OF CHECK जांच के प्रकार/ विधि	QUANTUM OF CHECK जांच के परिमाण	REFERENCE DOCUMENT संदर्भ दस्तावेज	ACCEPTANCE NORMS स्वीकृत मानदंड	FORMAT OF RECORD रिकॉर्ड का प्रारूप		AGENCY एजेंसी					
1	2	3	4	5	6	7	8	9	D डी 10	S एस 11	B बी 12	C सी 13			
													14		

		including • Thickness of coating • Radial & axial run-out											required for seal transfer. 2. Dimensions, which are not covered in logsheet (if applicable) shall be recorded in observation sheet.
2.17		DPT of machined surfaces after coating	Major	DPT	As per Drg./ Standard	As per Drg./ standard	As per Drg./ standard	Report	✓	P	W		
3.00	FINAL INSPECTION												
3.01		Check for Identification, cleanliness and completeness of job	Major	Visual	100%	As per Drg./ standard	As per Drg./ standard	Record	✓	P	V	-	Item shall be dispatched to BHEL after acceptance by BHEL nominated agency after duly identifying by P.O.No., drg no. Plant Order No. and I.R.No.
3.02		Preservation	Minor	-	100%	As per Drg./ Standard/ TDC	As per Drg./ Standard/ TDC	COC	✓	P	V	-	

Manufacturer/ Subcontractor निर्माता/ सब कांटेक्टर	Legends: P: Perform/ निष्पादन; W: Witness/ गवाह; V: Review of Records/ अभिलेखों का सत्यापन; C: Customer/Customer nominated inspection agency ग्राहक/ग्राहक नामांकित निरीक्षण एजेंसी; B: BHEL/ BHEL nominated inspection agency बीएचईएल/बीएचईएल नामांकित निरीक्षण एजेंसी, M Manufacturer/ sub-contractor/ निर्माता/कांटेक्टर; Records identified with "TICK" (✓) under column 'D' shall be submitted by sub-contractor to BHEL/ कॉलम 'डी' के अंतर्गत "टिक" (✓) से पहचाने गए रिकॉर्ड उप-ठेकेदार द्वारा बीएचईएल को प्रस्तुत किए जाएंगे।	For BHEL Use/ बीएचईएल के उपयोग के लिए		
		Worked by/ द्वारा समीक्षा की गई: Deepika Singh, (QAX)	Reviewed by/ द्वारा समीक्षा की गई: Sugandh Agarwal, (QAX)	Approved By/ द्वारा अनुमोदित: Braj Bhushan Tripathy, (QAX)

Manufacturer Name and Address निर्माता का नाम और पता			MANUFACTURING QUALITY PLAN मैन्युफैक्चरिंग क्वालिटी प्लान							APPLICABILITIES TO ऐप्लिकेबिलिटीस टू			
BHEL Haridwar accepted sub-contractors only केवल बीएचईएल हरिद्वार स्वीकृत उप-ठेकेदार			ITEM /EQUIPMENT मद/उपकरण: W.O. NO/ कार्य-आदेश सं.:	As per the indent/ इंडेंट के अनुसार	As per the indent/ इंडेंट के अनुसार	QP NO/ क्यूपी सं. DATE/ तिथि REV. NO./ संशोधित सं. PAGE NO./पृष्ठ सं.	QP/QA/ST/Coating/01 25.08.2026 07 PAGE/पृष्ठ 8 OF से 8	Project/ प्रोजैक्ट: Contractor/ कांट्रैक्टर: Indent/ इंडेंट	As per the indent/ इंडेंट के अनुसार BHEL (HEEP) HWR/ बीएचईएल (हीप), हरिद्वार As per the indent/ इंडेंट के अनुसार				
SL. NO क्र.सं.	COMPONENT & OPERATIONS अवयव व संचालन	CHARACTERISTICS विशेषताएं	CATEGORY वर्ग	TYPE/ METHOD OF CHECK जांच के प्रकार/ विधि	QUANTUM OF CHECK जांच के परिमाण	REFERENCE DOCUMENT संदर्भ दस्तावेज	ACCEPTANCE NORMS स्वीकृत मानदंड	FORMAT OF RECORD रिकॉर्ड का प्रारूप	AGENCY एजेंसी				REMARKS टिप्पणियां

3.03		Packing	Minor	-	100%	As per Drg./ Standard/ TDC	As per Drg./ Standard/ TDC	COC & photo of packed item	✓	P	V	-	
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Notes: 1. Process requalification as per specification requirement.

2. All requirements of P.O., standard and drawing shall be fulfilled.

3. BHEL reserves the right for conducting repeat test, if required.

4. During in process, BHEL job identification and customer seal is to be protected. Vendor to raise call for seal transfer, if required.

Manufacturer/ Subcontractor निर्माता/ सब कांटेक्टर	Legends: P: Perform/ निष्पादन; W: Witness/ गवाह; V: Review of Records/ अभिलेखों का सत्यापन; C: Customer/Customer nominated inspection agency ग्राहक/ग्राहक नामांकित निरीक्षण एजेंसी; B: BHEL/ BHEL nominated inspection agency बीएचईएल/बीएचईएल नामांकित निरीक्षण एजेंसी, M Manufacturer/ sub-contractor/ निर्माता/कांटेक्टर; Records identified with "TICK" (✓) under column 'D' shall be submitted by sub-contractor to BHEL/ कॉलम 'डी' के अंतर्गत "टिक" (✓) से पहचाने गए रिकॉर्ड उप-ठेकेदार द्वारा बीएचईएल को प्रस्तुत किए जाएंगे।	For BHEL Use/ बीएचईएल के उपयोग के लिए		
		Worked by/ द्वारा समीक्षा की गई: <i>Deepika Singh</i> Deepika Singh, (QAX)	Reviewed by/ द्वारा समीक्षा की गई: <i>Sugandh</i> Sugandh Agarwal, (QAX)	Approved By/ द्वारा अनुमोदित: <i>Braj Bhushan</i> Braj Bhushan Tripathy, (QAX)

STANDARD QUALITY PLAN

	Item: - Turbine Valve Spares	SQP NO:	CPG-QA-SQP-M-293		P1/1	GANPATI JHA	GANPATI JHA CH-GANPATI JHA, CO-IN, 25-GHATTIBAGARI, G-NTPC LIMITED, 25-EMPLOYEE VersionNumber=011505185484052905337811460911059 2025.07.23 15:52:59 +0530	
		Rev.	03	Date	23.07.2025			

SL. NO.	COMPONENT / OPERATION	CHARACTERISTICS	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORM	FORMAT OF RECORD	D	AGENCY		REMARKS
			M	N					M	N	
A)	Raw Material / Bought Out Items Checks										
1	Raw Material (From OEM approved sources)	a) Chemical Composition b) Mechanical Properties (0.2% PS, UTS, Elongation reduction in area, impact strength & hardness)	One sample per heat		NTPC Approved Drawing / Data Sheet / Tender Tech. specification /Purchase order/OEM specification		TC/IR	Y	P	V	
		c)Heat Treatment (as applicable)	100%				Chart/Report/ register	-	P	V	
		d)UT for Forging & casting	100%				TC/IR	-	P	V	As applicable
B)	Finished Product / Final Inspection										
1	Final Inspection	a) Surface crack check (NDT) on Stellite deposit/ Nitriding surface (as applicable)- For accessible areas only	100%	10%	NTPC Approved Drawing / Data Sheet / Tender Tech. specification /Purchase order/ OEM specification		IR/TC	Y	P	V*	*At OEM works/OEM approved sub vendor's Works
		b) Hardness after Stelliteing / Nitriding (as applicable)- For accessible areas only	100%	10%			IR/TC	Y	P	V*	
		c)Radial Run-out check for Spindle/Stem (as applicable)	100%	10%			IR/TC	Y	P	V*	
		d)Dimensions and Visual	100%	10%			IR/TC	Y	P	W*	

Notes :-

- Y mark in Column 'D' means such document shall be furnished by the manufacturer / supplier.
- Calibrated equipment's required for performing the tests in the presence of NTPC or authorized representative, shall be arranged by the supplier without any extra cost.
- Witness by NTPC/authorized representative (wherever applicable) shall be on randomly chosen sample/s. NTPC shall review Mfrs test report for balance quantity.
- Reference and Acceptance norms shall be derived from following in the same sequence-
a) NTPC Approved drawing / data sheet b) NTPC tech specs c) Purchase Order d) Relevant national standard e) Relevant International standard f) Manufacturers std g) Good Engineering practices.
- In case of imported item, QP shall not be applicable and vendor, along with material shall submit TC/CoC/ Internal report as per supplier's internal standards

Abbreviations:-

M	Manufacturer		P/V	Perform/Review		IR	Inspection Record / Report
N	NTPC Ltd or authorized representative		W	Witness		TC	Test Certificate