

M/S. OPEN TENDER

DUEDATE

02-09-2025

BHEL

HARIDWAR249403

Vendor Code

00001

INDIA

-

Global Tender

SL	MATERIAL CODE ITEM DESCRIPTION	QUANTITY	UNIT	LOTNO	LOT DELIVERY QTY SCHEDULE
1	ZWA020303017 CNC HORIZONTAL BORER SPINDLE DIA 250 MM, ROTARY TABLE 6X6 M AS PER ENCLOSED SPECIFICATIONS SIZE: . DIM.: .	1	NO	1	1 30/09/26

Standard Instructions:

TEST CERTIFICATE REQUIRED.

GUARANTEE CERTIFICATE REQUIRED.

BASIC RATES, TAXES & DUTIES SEPERATELY

SPECIFY NET & GROSS WEIGHT SEPERATELY.

THIRD PARY INSP PRIOR TO DESP.

ERECTION/COMM REQ AT SITE.

OPERATION/MAINT MANUAL ALONGWITH EQPT.

Special Instructions:

1. LD WILL BE APPLICABLE

2. VENDOR MUST REPLY AGAINST EACH POINTS OF TENDER SPECIFICATIONS

3. VENDOR SHALL INFORM BHEL AT LEAST 45 DAYS BEFORE THE DATE OF PDY.

4. E&C CHARGES AS 5.0 % OF EQUIPEMENT COST MAY BE CONSIDERED.

5. DELIVERY PERIOD: 14 MONTHS FROM THE DATE OF PO.

EARLIER DELIVERY WILL BE ACCEPTABLE.

6. E&C TIME PERIOD SHALL BE 5 MONTHS FROM THE FIRST INTIMATION BY BHEL.

7. GST INPUT TAX CREDIT IS APPLICABLE

8. TEST CERTIFICATES ARE REQUIRED.

9. INTEGRITY PACT IS APPLICABLE

10. EMD OF RS. 3 CRORE IS APPLICABLE FOR THIS TENDER

11. PBG & CEBG ARE APPLICABLE.

MATERIAL CODE	QUANTITY	UNIT	LOTNO
ITEM DESCRIPTION			

General Instructions:

Please visit our site www.bhelhwr.co.in for latest version of General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries. All the bidders/vendors must ensure compliance of latest GISTC. Terms & Conditions printed overleaf of this Standard Tender enquiry format are null & void.

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

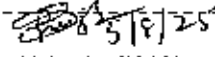
In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable.


Default purchase preference under Make in India order shall be 20% to suppliers with default minimum local content of 50% for all items / works / services.

For further details, please refer latest version of GISTC.

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

Kindly produce GeM seller Id with documentary proof along with your Bids/offers for case Value more than 25 Lacs.


PUNAM SINGH
ADDL. G.M.


21/8

BHARAT HEAVY ELECTRICALS LIMITED

HEEP: HARIDWAR-249 403 (UA)

Fax : +91 1334-226462, Phone : +911334-281961 ; Mobile : +91 9711551224

E-mail: raj कुमार1@bhel.in

No. Cap/GTE_CNC Horizontal Borer Machine/2025-26

Date: 05.08.2025

Subject: Tender as detailed below:

GLOBAL TENDER ENQUIRY

1. Sealed tenders with the Tender No. and opening date clearly super scribed on the cover are invited for the supply of the following items.
2. Last date for obtaining tender documents and opening of tender is indicated. Tender will be received up to 2 P.M. on opening date and opened on the same day at 2:30 P.M. in the Tender Room.
3. After downloading the tender documents from web site, while submitting the tender as detailed in "Instruction to Bidders", intending vendors must remit the requisite EMD in the form of Electronic Fund Transfer credited in favour of BHEL account (before tender opening)/Banker's cheque/Pay Order / Demand draft in favour of BHEL (along with offer) / Fixed Deposit Receipt (FDR)/Bank Guarantee from any of scheduled banks/Insurance Surety Bonds.
4. BHEL will not be responsible for any type of postal delay / incomplete information from vendor.
5. Other terms and conditions will be as per tender documents.

Sl. No.	Tender No.	Description of Equipment	Qty. (No.)	Last date to submit offer in BHEL HEEP Tender Room	Opening date
1.	2978/C/6410/2024/3426/T2	CNC HORIZONTAL BORER MACHINE	01	02/09/2025 (2PM)	02/09/2025 (2:30PM)

- Technical PQR & Financial PQR enclosed.
- Technical specifications enclosed.
- Pre-bid meeting shall be conducted after one week from the date of enquiry. Bidders are requested to show their willingness to attend the meeting by sending mail to raj कुमार1@bhel.in or ashishkumar.keshari@bhel.in . Accordingly, further details shall be sent to interested bidders.
- Test Certificate required.
- Operation and Maintenance Manual Required.
- GST Input Tax credit available.
- User Manuals required for all equipment as applicable.
- Guarantee certificate is required for two years (for complete machine and attachment/accessories) from the date of acceptance of the machine.
- Pre-dispatch inspection is required & vendor shall inform to BHEL at least 45 days before the date of pre-dispatch inspection.
- Early Delivery is acceptable.
- Recommended Spares are required.
- Erection & Commissioning is required at BHEL Haridwar.
- Erection & Commissioning charges are 5 % of equipment cost.
- Participating bidders are requested to reply against each and every point of Technical Specification, PQR and Commercial terms and conditions.
- Wherever Service charges like Supervision, Inspection, etc. consequent or incidental to supply are envisaged in tender, such charges should not exceed 2% of the total contract value. It is

recommended that such charges be sought on per visit/per day basis, and the evaluation of the tender is to be done including the cost of the service charges.

FOR & ON BEHALF OF BHEL, HARIDWAR /AGM (CAPITAL PURCHASE)

BHARAT HEAVY ELECTRICALS LIMITED

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Fax : +91 1334-226462, Phone : +911334-281961 ; Mobile : +91 9711551224

E-mail: raj कुमार1@bhel.in

No. Cap/GTE_CNC Horizontal Borer Machine/2025-26

Date: 05.08.2025

M/s

Sub: Global Tender Enquiry No. 2978/C/6410/2024/3426/T2

We are pleased to invite your offer in **TWO PARTS (PART-I & PART-II)** strictly as per enclosed terms and conditions and "Instruction to Bidders", in sealed covers for the under mentioned equipment / systems.

Sl. No.	Description of Equipment	Qty. (No.)	Delivery Required	EMD (Earnest Money Deposit)
1.	CNC Horizontal Borer Machine	01	14 months from the date of placement of PO	Rs. 3,00,00,000/-

Please submit your lowest quotation / offer for the above requirement subject to our terms and conditions. Your offer should reach us on or before the due date by 2 PM.

NOTE: The vendors should submit their best price at this stage itself and they will not be allowed to revise the price. Any revision / discount given by vendor subsequently will be ignored.

Any clarification on technical specifications can be obtained from BHEL Haridwar before tender opening.

PRE-BID MEETING:

Vendors to note the following points about **pre-bid meeting**:

- Pre-bid meeting shall be conducted after one week from the date of enquiry. Bidders are requested to show their willingness to attend the meeting by sending mail to raj कुमार1@bhel.in or ashishkumar.keshari@bhel.in . Accordingly, further details shall be sent to interested bidders.
- Vendor to refer tender PQR for qualifying criteria before quoting.
- Eligible vendor will be invited to attend the pre-bid meeting post evaluation of shared preliminary information.
- Vendors to ensure that their technical experts or authorized representatives will be present in pre-bid meeting.

TIME-LINES FOR PRE-BID MEETING:

- Pre-bid meeting shall be conducted after one week from the date of enquiry. Bidders are requested to show their willingness to attend the meeting by sending mail to raj कुमार1@bhel.in or ashishkumar.keshari@bhel.in . Accordingly, further details shall be sent to interested bidders.

PURCHASE PREFERENCE TO MAKE IN INDIA

For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 & revision dated 16.09.2020 and subsequent Orders issued by respective Nodal Ministry shall be applicable even if issued after issue of this Tender Enquiry but before finalization of contract/ PO/ WO against this tender enquiry.

As per clause 3(b) of Make in India circular 04-06-2020, Class-I Local supplier, Class –II local supplier and Non-Local suppliers shall also be eligible to bid in this tender as this case is a **Global Tender case**.

PURCHASE PREFERENCE TO MICRO AND SMALL ENTERPRISES (MSES)

Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product.

If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference/price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 100% (selected by Buyer) of total quantity.

EMD (EARNEST MONEY DEPOSIT): EMD shall be applicable for this tender of **Rs. Three Crore** Only.

EMD shall be waived off in following cases:

- Micro and Small Enterprises (MSEs) or Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT).
- Central/ State PSUs/ Government deptts/ Autonomous/ Educational/Research institutions.
- Joint Venture or Subsidiary companies of BHEL.

EMD given by the unsuccessful tenderer shall be refunded on acceptance of award/LOI/ PO by successful tenderer. The EMD of successful bidder shall be returned after submission of Contract execution bank guarantee. EMD shall be not carry any interest.

The EMD will be accepted only in the following forms:

- (i) Electronic Fund Transfer credited in BHEL account (before tender opening).
- (ii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer).
- (iii) Fixed Deposit Receipt (FDR).
- (iv) Bank Guarantee from any of the Scheduled Banks.
- (v) Insurance Surety Bonds.

In case of foreign bidders, it may be in the form of a bank guarantee (in equivalent Foreign Exchange amount, in case of foreign bidders) issued/ confirmed from any of the scheduled commercial bank in India in an acceptable form. The EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period. EMD validity will be extended by supplier if required.

Forfeiture of EMD

i) A bidder's EMD will be forfeited if the bidder withdraws or amends its/his tender or impairs or erodes from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required performance security within the specified period mentioned in the Tender.

(ii) EMD by the tenderer to be withheld in case any action on the bidder is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors" and forfeited/ released based on the action as determined under these guidelines.

PLEASE SUBMIT EMD IN PART- I BID. This Part-I bid shall be opened by BHEL at 02:00 PM on the due date, in the presence of authorized representatives of the bidders who may like to be present. The

authorized representative should bring authority letter from their principals for attending the bid opening.

BHEL Bank Details for e-remittances of EMD by bidders:

ACCOUNT HOLDER NAME: BHARAT HEAVY ELECTRICALS LIMITED, HEEP, HARIDWAR
STATE BANK OF INDIA
RANIPUR BRANCH,
OPP: BHEL MAIN GATE,
SECTOR-5, RANIPUR,
HARIDWAR, UTTRAKHAND, INDIA
PIN CODE: 249403

SWIFT NO : SBININBB225
CC ACCOUNT NO : 10667995458
IFSC CODE : SBIN0000586

Performance Bank Guarantee/Contract Execution Bank Guarantee

CEBG/PBG will be furnished (for 10% of total PO Value in the prescribed Format) in the following forms:

- i) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/Demand Draft/ Electronic Fund Transfer in favour of BHEL.
- ii) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
- iii) Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).
- iv) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).
- v) Insurance Surety Bond.

Note:

- a. The Performance Security shall not carry any interest.
- b. BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.
- c. In case of GTE tenders, the performance security should be in the same currency as the contract and must conform to Uniform Rules for Demand Guarantees (URDG 758) - an international convention regulating international securities.

Forfeiture of Performance Security:

The performance security will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier.

FOR & ON BEHALF OF BHEL, HARIDWAR / AGM (CAPITAL PURCHASE)

Instruction to Bidders

Clause 1.0 – Tender submission

The tenders have to be submitted in **TWO PARTS (Envelopes)** as described below on or before the due date and time of tender opening:

- a) Part-I (Envelope I) :
 - 1. EMD
 - 2. Pre-Qualifying Requirement (PQR-Technical & Financial)
 - 3. Techno-Commercial Bid.
- b) Part-II (Envelope II): Price Bid.

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

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 /retainership basis or claimed to be part time employees for many OEMs / claiming to be channel or business partner for BHEL work / stockist not registered specifically etc. are Agents). Communications with only those agents who have submitted agency agreement with their respective principal may be done.

Agents 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.

The bidders (original manufacturers) will have to submit signed offer/ bid in original directly to BHEL.
Unsigned bids shall be ignored.

The suppliers or their authorized person may be allowed to attend the tender opening, if duly authorized by their principals, through a specific letter for a particular enquiry for specific price bid opening on that particular day. General authorization letter is not acceptable.

Clause 1.1

The Techno-commercial offer and PQR (Technical & Financial) in envelope - I (Part-I) shall comprise of following:

- i) Point wise reply to all the points mentioned in Pre-Qualifying Requirement specified in the tender.
- ii) Relevant documents as requested in Pre-Qualifying Requirement must be attached.
- iii) Complete Technical offer.
- iv) Catalogue of the Equipment, Complete reference of the past supply of equipment for the same or similar specification giving details of customer with Name of the contact person, Fax no, phone no, E-mail if available.
- v) Acceptance of commercial terms by vendor as per **Annexure I**.
- vi) Deviation with reference to specification to be laid down on separate sheet.
Cost of deviation is to be submitted along with the price bid essentially. In case vendor withdraws the deviation clauses the same will be considered for final evaluation,
- vii) Copy of price Bid (without prices).
- viii) Any additional documents (please specify).

While submitting the offer, following points are to be taken care of by the vendor:

- **Documents submitted with the offer/bid by the bidder shall be signed and stamped in each page by authorized representative of the bidder.**

- **If the documents are received in soft form, the same should be transmitted through vendor's authorized e-mail to BHEL tender room e-mail id i.e. tendercell.heep@bhel.in followed by the signed and stamped copy of the same documents.**
- **Documents not signed and stamped in each page by the authorized signatory of the bidder, shall not be accepted and not considered for evaluation of the bid.**

Clause 1.2

The Price Bid in envelope - II (Part-II) shall comprise of following:

The price Bid (with price) for the complete scope strictly as specified in the price Format attached as Annexure-II. If price bid is not submitted along with Part-I bid, the offer will be rejected out rightly.

Note:

If in a price bid, non-conformities/ errors / discrepancies are observed between the quoted prices in figures and that in words the following guidelines will be followed: -

- a) If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
- b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
- d) If there is such discrepancy in an offer, the same is to be accepted by the bidder by a target date and in case the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

Clause 2.0 – Tender Opening:

- a) Offer should be complete in all respect (i.e. Part-I & Part-II) as described below:

Part I : Part I bid (Envelope-I) comprising EMD (if applicable) or MSE Certificate/ Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) towards exemption of EMD, Pre-Qualifying Requirement (PQR-Technical as well as Financial) and Techno-commercial bid as mentioned above.

Part II : Part II bid (Envelop-II) comprising Price Bid.

- b) The tenders shall be opened in **TWO PARTS (Part-I & Part-II)** as described below:

- Part-I containing EMD (if applicable) or MSE Certificate/ Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) towards exemption of EMD, Pre-Qualifying Requirement (PQR-Technical & Financial) and Techno-commercial bid will be opened on the date and time specified in the tender cover page, in the presence of those vendors, who wish to attend the tender opening.
- 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.

- 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.

BHEL reserves the right to evaluate vendor's process capability / quality systems etc. by visiting vendor works (if required).

Clause No. 3:

As per directives of CENTRAL VIGILANCE COMMISSION, GOVERNMENT OF INDIA, one agent can not represent two or more suppliers or quote on their behalf in a particular tender. If so found at any stage, BHEL HARIDWAR 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. 4: Conflict of interest among Bidders/Agents

"A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) They have controlling partner (s) in common; or
- b) They receive or have received any direct or indirect subsidy/financial stake from any of them; or
- c) They have the same legal representative/agent for purposes of this bid; or
- d) They have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or
- e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/sub-assembly/Assemblies from one bidding manufacturer in more than one bid; or
- f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:
 - 1. The principal manufacturer directly or through one Indian agent on his behalf; and
 - 2. Indian agent on behalf of only one principal;
- g) A bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the bid; or
- h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/common business/management units in same/similar line of business."

The Bidders has to 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.

Treatment of cases regarding 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.

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.**

Clause No. 5: Compliance to Restrictions under Rule 144(xi) of the General Financial Rules (GFRs)

- 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:-
 - a. An entity incorporated established or registered in such a country; or
 - b. A subsidiary of an entity incorporated established or registered in such a country.
or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or

- d. An entity whose beneficial owner is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. 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:

- 1. 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

- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.
 - b. "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.
- 2. 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.
 - 3. 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.
 - 4. 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;
 - 5. 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.

V An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

Note:

- (i) The bidder shall provide undertaking for their compliance to this Clause, in the format provided in the bid documents.
- (ii) 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.

Clause No. 6: Breach of contract, Remedies and Termination

BREACH OF CONTRCAT:

The following shall amount to breach of contract:

- i. 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.
- ii. 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.
- iii. The Supplier/Vendor delivers equipment/ material not of the contracted quality.
- iv. The Supplier/Vendor fails to replace the defective equipment/ material/ component as per guarantee clause.
- v. Withdrawal from or abandonment of the work by the Supplier/Vendor before completion as per contract.

- vi. Assignment, transfer, subletting of Contract by the Supplier/Vendor without BHEL's written permission resulting in termination of Contract or part thereof by BHEL.
- vii. Non-compliance to any contractual condition or any other default attributable to Supplier/Vendor.
- viii. 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.
- ix. 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.
- x. 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.

REMEDIES IN CASE OF BREACH OF CONTRACT:

- i. Wherein the period as stipulated in the notice issued under Conciliation clause 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.

- c. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier/Vendor.
- vi. 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.
- vii. 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:

1) 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.

Clause No. 7:

The offers of the bidders who are on the banned list and also the offer of the bidders, who engage the services of the banned firm, shall be rejected. The list of banned firms is available on BHEL website <https://hwr.bhel.com>

NOTE: PLEASE VISIT OUR SITE <https://hwr.bhel.com> FOR GENERAL INSTRUCTIONS AND STANDARD TERMS AND CONDITIONS (GISTC) FOR TENDER ENQUIRIES. ALL THE BIDDERS/VENDORS MUST ENSURE COMPLIANCE OF THESE GISTC.

NO INTEREST SHALL BE PAYABLE UPON THE EARNEST MONEY DEPOSIT & PERFORMANCE SECURITY OR AMOUNT PAYABLE TO THE CONTRACTOR UNDER THE CONTRACT.

**For & on behalf of BHEL, HARIDWAR.
AGM (Capital Purchase)**

ACCEPTANCE OF COMMERCIAL TERMS BY VENDOR

S. N.	Terms	Description	Your confirmation
1	Confirmation to General Instructions and standard terms & conditions:	<p>Please confirm each clause of following documents: -</p> <ol style="list-style-type: none"> General Instructions and standard terms & conditions for bidding against tender enquiry (GISTC Version May-2024, Rev: 07): Risk Purchase Clause of GISTC is not applicable and has been replaced with Breach of Contract mentioned at SL No. 29 of Annexure-I. Additional terms & conditions of tender enquiry. <p>Deviation to conditions mentioned in above documents, if any, shall be submitted along with offer in separate documents.</p> <p>Please note that in case, no-deviation sheet is received along with the offer, it will be considered that all terms and conditions mentioned in above documents are acceptable to the bidder and your offer will be processed accordingly.</p>	
2	Submission of Offer & Documents Checklist:	<p><u>Superscription on envelopes:</u></p> <p>The following shall be super scribed on the envelopes: Kindly confirm that the following documents have been submitted along with your offer:</p> <p><u>PART-I</u></p> <ol style="list-style-type: none"> TENDER NO. AND ITEMS DESCRIPTION DUE DATE FOR OPENING. EMD (IF APPLICABLE) OR MSE CERTIFICATE TOWARDS EXEMPTION OF EMD PRE- QUALIFYING REQUIREMENT (PQR- Technical & Financial) TECHNO-COMMERCIAL BID Un-Price Bid Copy with mentioning only Taxes and Duties (NO PRICE TO BE MENTIONED IN UN-PRICE BID COPY) <p><u>PART-II</u></p> <ol style="list-style-type: none"> TENDER NO. AND ITEMS DESCRIPTION DUE DATE FOR OPENING OF PART-I PRICE BID <p><u>Clause 1.1:</u></p> <p>The Part-I & part-II shall be individually sealed and super scribed as indicated above and shall be enclosed further in the envelop duly sealed and super scribed as:</p> <p>“TENDER FOR (ITEM NAME) AGAINST TENDER NO.----- ----- DUE ON -----CONTAINING PART-I & PART-II OF THIS OFFER.” Vendor’s full name and address should be clearly mentioned on the envelope and shall be addressed to:</p> <p>To,</p> <p>Tender Room, 4th Floor, Main Administrative Building,</p>	

		<p>Heavy Electrical Equipment Plant, BHEL, Ranipur HARIDWAR- 249403, Uttarakhand.</p> <p>Note: Please note that all details required in supplier registration form to be filled and submitted through online supplier registration portal on https://hwr.bhel.com along with complete documents.</p>	
3	Schedule of Technical Deviation and Schedule of Commercial Deviation.	<p>Schedule of Commercial Deviation and Schedule of Technical Deviation has been annexed along with this tender enquiry. All the Bidders are directed to mention any commercial or Technical deviation in Schedule of Commercial Deviation and Schedule of Technical Deviation only. If any deviation mentioned anywhere other than the Schedule of Commercial Deviation and Schedule of Technical Deviation, then that shall be ignored and It shall be assumed that participating bidder has no deviation against this tender.</p> <p>Please note that as per BHEL's Policy, we cannot allow Price impact for the requirement / scope of supply, which is a part of specifications of our tender enquiry. Hence please read all specification / documents thoroughly and submit your offer as per specifications of tender enquiry.</p>	
4	Validity:	<p>Confirm that your offer shall be valid for 180 days from the date of tender opening.</p> <p>BHEL will reserve the right to reject any or all quotations, quoting validity less than 180 days.</p>	
5	Evaluation criterion:	<p>The evaluation of tender shall be on the basis of "Total Landed cost at Destination" including Supply and Erection & Commissioning as per tender condition.</p> <p>For evaluation of foreign bids, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid opening) shall be considered. If the relevant day happens to be a bank holiday, then the Forex rate as on the previous bank (SBI) working day shall be taken.</p> <p>Indigenous suppliers: Vendors to quote rates on FOR destination (BHEL Haridwar) basis. However, the insurance will be arranged by BHEL. Vendor can dispatch good through any Indian Bank Association approved transporters having their branch at Haridwar / destination. For the convenience name and address of transporters approved by IBA and BHEL are posted at website www.bhelhwr.co.in. If any bidder still quotes rates on ex-works basis such offers will be loaded by 1.5% of ex-works value towards freight or with actual freight charges as per BHEL freight rate contract whichever is higher.</p> <p>Further, non-availability of BHEL approved transporter will not be accepted for rescheduling of delivery or waiver of penalties.</p> <p>Final evaluation currency for this Tender shall be in "INDIAN RUPEES (INR)" for all the participating bidders.</p> <p>For Cost evaluation purpose, only the date of Part-1 Opening shall be considered.</p>	
6	Insurance:	<p>The Transit Insurance will be arranged by BHEL. Please send your offer keeping this in view.</p>	

7	Bank Charges:	Kindly Confirm that Bank Charges shall be either side otherwise your prices will be loaded suitably.	
8	Technical Requirements	Kindly quote your valuable offer as per Technical Specification of CNC Horizontal Borer Machine – 01 No. (enclosed with enquiry). Please ensure that documents submitted with the offer/bid shall be signed and stamped in each page by authorized representative of the bidder.	
9	Payment Terms:	<p>80% payment of Supply value shall be made within 45 days from the date of receipt of material at BHEL. Balance 20% of Supply value plus 100% of E&C portion of PO value will be paid against E&C certificate issued by BHEL and submission of Performance Bank Guarantee (PBG) valid for 27 months from the date of successful commissioning and final acceptance by BHEL, by Supplier from any of the scheduled Banks for 10% of total PO Value in the prescribed Format. PBG confirmation charges shall be borne by vendor.</p> <p>Total Erection & commissioning value should be quoted separately by bidders. Only in case where quoted value is less than the value (in %) specified in the NIT or separate commissioning values are not mentioned in the offer, value for commissioning portion shall be deemed to be considered as the value indicated in NIT & accordingly supply value will be adjusted from that quoted value and balance will be released as commissioning payment term mentioned above.</p> <p>For Indian Vendors: Payment of GST will be made after submission of signed and stamped GST certificate, enclosed and submission of Performance Bank Guarantee (PBG) in the prescribed Format. The PBG confirmation charges shall be borne by vendor.</p> <p>For Foreign Vendors: Payment Through L/C: Where the payments are through L/C (L/C opening charges are to be loaded), payment of Supply value shall be 80% on dispatch and 20% on issue of E&C Certificate. Payment of E&C value shall be made against E&C certificate issued by BHEL. E&C certificate shall be issued on satisfactory completion of erection, commissioning, job proving, performance tests, training to operators etc. as envisaged in PO. The L/C shall be opened by BHEL as per following:</p> <p>(i) Within 30 Days of receipt of acceptable CEBG, an irrevocable unconfirmed L/C will be opened for 30% of the payment towards supply, due on shipment i.e. 24% of the Supply value of PO (30% of 80%).</p> <p>Not earlier than 60 days before the shipment date, the value of this irrevocable unconfirmed L/C would be enhanced from 24% to 80% of the Supply value of The above L/C can be negotiated after the Shipment against submission of B/L or AWB and such other documents as mentioned in the PO. The above L/C will be valid for a period extending 21 days beyond the shipment date for negotiation of documents.</p> <p>(ii) 15 days prior to the scheduled & confirmed arrival of the technicians of supplier with their names, an irrevocable unconfirmed L/C will be opened for a value equal to 20% of the Supply value of PO plus 100% of the E&C value of PO. The validity of L/C would be sufficient to cover the</p>	

period required for the completion of E&C plus 21 days as negotiation period.

This L/C can be negotiated after: (a) Completion of E&C of the equipment in BHEL and against E&C certificate issued by BHEL and (b) Submission of Performance Bank Guarantee (PBG) by Supplier in the prescribed Format valid for 30 days beyond the warranty period, from one of the Consortium Banks of BHEL or from a reputed Bank and confirmed by Consortium Bank of BHEL for 10% of total PO Value. The PBG confirmation charges shall be borne by vendor.

Bank Guarantee and Loading against non-acceptance of BHEL's Payment Terms:

If payment terms as mentioned by BHEL are not agreed by bidder, such bidder have to submit Advance Bank Guarantee at the time of payment in the prescribed Format of the amount, exceeding 80% of the SUPPLY value, valid till issue of Acceptance Certificate for the equipment. However, in no case, payment against dispatch shall exceed 90% of the SUPPLY Value.

In case of 90% payment of supply value, loading for 10% of supply value will be made for 5 months @ Base rate of SBI (as applicable on 31st March of preceding year from tender due date) + 6% (per annum) of 10% value of basic cost of the items.

The loading criteria for the different payment terms shall be as under;

Payment Terms		Days of Loading
After Receipt & Acceptance of material within 75 days of supply.		No Loading
Against Delivery at BHEL-Stores Haridwar.		45
Against documents through bank (CAD):		45
Letter of Credit (LC)		120
Usance LC	No Loading if usance period is > 120 Days.	
	Loading of days difference i.e difference between 120 days and usance period if the usance period is < 120 days.	

Please note that in case of any deviation in the payment terms, BHEL shall evaluate your offer after loading on account of deviation in payment terms as per BHEL practice/policy/"GISTC Rev 07".

Loading of any deviation in the payment terms **will be done @ Base rate of SBI(as applicable on 31st March of preceding year from tender due date) + 6% (per annum) of basic cost of the items.**

10	PBG terms	<p>Performance Bank Guarantee (PBG) valid for 90 days beyond the guaranty period (for 27 months from the date of successful commissioning of material at BHEL, HEEP Haridwar) by Supplier from any scheduled bank for 10% of total PO Value in the prescribed Format. The PBG confirmation charges shall be borne by vendor. This bank guarantee shall have to be submitted before release of last balance payment. Please note that claim period of BG will be 90 days beyond validity period.</p> <p>The PBG should be in BHEL's PBG format and should be from one of the scheduled bank of India. The PBG confirmation charges shall be borne by vendor. The Performa of Bank Guarantee and the list of BHEL consortium bank are displayed at BHEL website www.hwr.bhel.com.</p> <p>This should be read and complied in conjunction with Bank Guarantee clause in General Instructions and Standard Term and Conditions for bidding against Tender Enquiry (herein called as GISTC)</p> <p>Please note that, no deviation in submission of Bank Guarantee is acceptable. The offers of the vendors not agreeing to submit PBG is likely to be rejected by BHEL and no further communication in this regard will be entertained.</p>	
11	Contract Execution Bank Guarantee (CEBG):	<p>The successful vendor shall have to furnish a Contract Execution Bank Guarantee (CEBG) for 10% of the Total PO value in the prescribed format within 30 days from the date of P.O. CEBG shall be from one of the scheduled. All bank charges on account of issuance and confirmation of CEBG will have to be borne by the vendor.</p> <p>CEBG shall be kept valid until 30 days after the date of issuance of Final E&C Certificate, which will be issued on completion of Erection & Commissioning of equipment which includes erection, commissioning, job proving, performance tests, training to operators etc. as prescribed in PO. Please note that claim period of BG will be 90 days beyond validity period.</p> <p>If the supplier fails to submit the CEBG even within 60 days from the date of PO, BHEL reserves the right to cancel PO & forfeit the EMD given by the supplier. In addition, in such case, action will be initiated in line with extant guidelines for Suspension of Business dealings with Suppliers.</p> <p>Under all circumstances, CEBG shall be kept valid till the PBG becomes operational.</p> <p>In case of delay in submission of CEBG, enhanced CEBG which would include interest (SBI rate + 6%) for the delayed period, shall be submitted by the bidder. Further, if CEBG is not submitted till such time the first bill becomes due, the amount of performance security due shall be recovered from the bills along with due interest "</p>	

12	CURRENCY OF PAYMENT	For foreign bidders: Freely tradable currency like Euro/ USD/CHF/ GBP/YEN etc. For indigenous supply the currency shall be Indian Rupees.	
13	CHARGES FOR SERVICES AT BHEL HARIDWAR	Services to be rendered at BHEL Haridwar like commissioning, proving, training to operators, supervising foundation work etc. These charges are essentially to be indicated separately in price bid. Vendor to confirm BHEL will not provide boarding, lodging, travel cost (Air ticket, local transport etc.) to vendor's representatives visiting BHEL Haridwar for Commissioning. Total commissioning value should be quoted separately by bidders. Only in case where quoted value is less than the value (in %) specified in the NIT or separate commissioning values are not mentioned in the offer, value for commissioning portion shall be deemed to be considered as the value indicated in NIT & accordingly supply value will be adjusted from that quoted value and balance will be released as commissioning payment. The estimated percentage of erection & commissioning value is: 5% of machine cost.	
14	TAXES & DUTIES	For Foreign Vendors: Foreign Supply – Applicable Taxes. Foreign Services: TDS shall be applicable. For Indian Vendors: GST shall be payable with documentary proofs. TDS – Payment of TDS shall be recovered as applicable. All statutory taxes, if any, will be deducted at source & to be borne by the beneficiary. Tax deduction certificate shall be issued at the end of financial year if required. Details of applicable taxes & duties are to be mentioned as per GISTC Rev. 07. a) GST Registration Number b) Address of Principal place of Business c) Type of Business d) HSN Code, its description & rate of applicable GST for the offered material e) Whether registered under Composite scheme of GST (Y/N). It should be noted that the evaluation of the offers shall be done considering the taxation/benefits as applicable under GST. Please submit your GST registration certificate. Note: TDS as per Statutory guidelines will be deducted at source. Kindly submit your offer accordingly.	
15	GST Rate	1) Rate of GST applicable on Equipment Cost. 2) Rate of GST applicable on E&C Charges GST Input Tax Credit shall be applicable for this tender.	

16	Order Acceptance	Order acceptance (ink-signed) must be submitted within 07 days from the date of PO. If Purchase Order acceptance is not received within 07 days from the date of PO, then it shall be deemed accepted after 07 days from the date of PO.	
17	Submission of Bank Guarantee	All bank guarantees like Contract Execution Bank Guarantee and performance bank guarantee should be in the format as prescribed by BHEL.	
18	Time Period for Supply and Commissioning of equipment	<p>Activity Schedule has been incorporated in along with this Tender and all the participating bidders are directed to fill the activity schedule with realistic time in weeks for the activities mentioned in activities schedule.</p> <p>Time period to be taken by BHEL has already been mentioned in the activity schedule. Time period of E&C from the date of first intimation given by BHEL Haridwar has been mentioned in activity schedule, but if any vendor wants to quote less time than specified in activity schedule, then vendor can mention that time period in activity schedule else time period mentioned shall be considered by default for this tender. Liquidated Damage (LD) shall be governed by the Activity Schedule.</p>	
19	Liquidated Damages Clause	<p>For the purpose of Liquidated Damages for delay E&C of the equipment the duration will be reckoned from the date of intimation by BHEL to vendor for readiness of site.</p> <p>Liquidated Damages on delay in 'Supply' and/or 'E&C' will be applicable to the delays attributed to vendor. Liquidated Damages will be considered separately for 'Supply' and 'E&C'.</p> <p>The rate of Liquidated Damages for delayed Supply shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in supply subject to a maximum of 10% of total PO value (Supply + E&C).</p> <p>The rate of Liquidated Damages for delayed E&C shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in E&C subject to a maximum of 10% of total PO value (Supply + E&C).</p> <p>Maximum Liquidated Damages for delay in Supply and E&C together shall be limited to 15% of total PO value (Supply + E&C).</p> <p>Loading on account of non-acceptance of Liquidated Damages for delayed Supply and/or E&C shall be as under:</p> <p>In case any bidder is not accepting the above Liquidated Damages for delayed Supply and/or E&C, the offer of bidder shall be loaded to the extent to which it is not agreed by the bidder.</p> <p>In case, any shortage is noticed viz-a-viz PO requirement in the main equipment /spares, such shortages shall be replenished by supplier on FOR destination basis without any cost implication to BHEL i.e freight charges etc. up to destination for such short supplies shall be borne by the supplier.</p> <p>Supply period indicated by bidder should include reasonable time required for approval of drawings and other inputs from BHEL. In the Techno-Commercial Bid, the bidder shall submit milestones</p>	

		<p>for various activities in co-relation with Supply and E&C period quoted by him.</p> <p>For calculating Late Delivery Liquidated Damages, delivery date shall be considered as per following:</p> <p>1. Indigenous Suppliers:</p> <p>a. Delivery Ex-works: - Date of GR /LR b. Delivery FOR Transporter Godown: - Date of GR/LR c. Delivery FOR Destination: - Date of receipt at BHEL HARIDWAR (if supply is direct to BHEL) or date of GR + one week (if documents are through bank).</p> <p>2. Foreign Supplier:</p> <p>a. Delivery FOB / FCA port of discharge: - Date of BL/AWB b. Delivery CPT port of destination: - Date of AWB</p>	
20	Delivery Basis	<ul style="list-style-type: none"> For Import: <p>(A) SEA CONSIGNMENTS: Please quote your rates with both the options (a) FOB dispatching port & (b) CFR Landing Port.</p> <p>(B) AIR CONSIGNMENTS:</p> <p>Please quote your rates with both the options: (a) FCA dispatching Airport & (b) CPT Landing Airport. (Sea / Air Freight charges for import items must essentially be quoted and indicated separately in price bid.)</p> <ul style="list-style-type: none"> For Indigenous: <p>Delivery must essentially be FOR BHEL Haridwar basis. (Freight charges for indigenous items must essentially be quoted and indicated separately in price bid.)</p> <p>However, loading shall be done as per GISTC Rev 07.</p>	
21	Settlement of Disputes	<p>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.</p> <p>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</p>	

		<p>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.</p> <p>Conciliation Clause:</p> <p>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).</p> <p>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.</p> <p>Arbitration Clause:</p> <p>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 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.</p> <p>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 Region, Power Sector/ 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.</p> <p>After expiry of 30 days from the date of receipt of aforesaid notice, the party invoking the Arbitration shall submit that dispute to the 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</p>	
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	<p>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 a specific Arbitral institution 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.</p> <p>The fee and expenses shall be borne by the parties as per the Arbitral Institutional rules.</p> <p>The Arbitration proceedings shall be in English language and the seat and venue of Arbitration shall be Haridwar.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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 above clause. 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.</p>	
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22	Drawing / data approval: (If applicable)	Any drawing / data approval, if required, from BHEL after placement of order shall be the responsibility of the vendor and any delay on account of the same shall be the responsibility of the vendor and have no bearing on the penalty applicable.	
23	Drawing / design / information use (if applicable):	The vendor to confirm that the drawing / design / information enclosed with the enquiry / proposed order will not be parted to any other agency and will also not be used for manufacturing for any other customer.	
24	Authorization for pre-inspection (If applicable):	<p>BHEL is authorized to pre-inspect the material at vendor's works as per the enclosed technical specifications. The material will be dispatched only after getting clearance from BHEL.</p> <p>Vendor should give PDI call at least 45 days in advance. If supplier fails to give pre-inspection call with in stipulated time, this will not be a reason of penalty waiver or delivery extension.</p> <p>Travel, Lodging & Boarding charges of BHEL inspectors / trainees during pre-inspection and training will be borne by BHEL.</p>	
25	Attending to any complaint during guarantee period	Vendor will have to ensure deputation of their people for commissioning or for attending to any complaint during guarantee period within 7 days of intimation. In case of delay BHEL will be within their rights to get the job completed at the risk and cost of the supplier.	
26	Contact Details	Details of Contact person Name, Designation, Department complete postal, E-mail address & Fax no, phone, Mobile no. to be mentioned.	
27	Beneficiary of PO	Please confirm the beneficiary of PO along with the complete address.	
28	Participation in Reverse Auction	"BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on https://www.bhel.com/guidelines-reverse-auction-2021) for this tender. RA shall be conducted among the techno-commercially qualified bidders (Guidelines for Reverse Auction – 2021 Doc. No. AA:SSP:RA:00 Dated 05.12.24 & subsequent revisions. Price bids of all techno-commercially qualified bidders shall be opened and shall be considered for RA as per RA guidelines. 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.	
29	Breach of contract, Remedies and Termination	<p>BREACH OF CONTRCAT:</p> <p>The following shall amount to breach of contract:</p> <ol style="list-style-type: none"> 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. <p>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.</p> <p>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.</p> <p>REMEDIES IN CASE OF BREACH OF CONTRACT:</p> <ol style="list-style-type: none"> Wherein the period as stipulated in the notice issued under Conciliation clause has expired and Supplier/Vendor has 	

		<p>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.</p> <p>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.</p> <p>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:</p> <p>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.</p> <p>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:</p> <ol style="list-style-type: none"> from dues available in the form of Bills payable to defaulted Supplier/Vendor against the same contract. 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. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier/Vendor. <p>vi. 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.</p> <p>vii. 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.</p> <p>Note:</p>	
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		<p>1) 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:</p> <p>(a) In case defaulted Supplier/Vendor is the Sole Proprietorship Firm, any Sole Proprietorship Firm owned by same Sole Proprietor.</p> <p>(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.</p>	
30	Import Supply	<p>a. Phyto-sanitary Certificate essential for packages (Wooden).</p> <p>b. Country or origin certificate: Vendor to furnish the country of origin certificate from Chamber of Commerce with dispatch documents.</p>	
31	Foreign Suppliers	Dispatching port & Country to be mentioned essentially.	
32	Force Majeure Clause	<p>1. "Force Majeure" shall mean circumstance which is:</p> <p>a) beyond control of either of the parties to contract,</p> <p>b) either of the parties could not reasonably have provided against the event before entering into the contract,</p> <p>c) having arisen, either of the parties could not reasonably have avoided or overcome, and</p> <p>d) is not substantially attributable to either of the parties</p> <p>And</p> <p>Prevents the performance of the contract,</p> <p>Such circumstances include but shall not be limited to:</p> <p>I. War, hostilities, invasion, act of foreign enemies.</p> <p>II. Rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war.</p> <p>III. Riot, commotion or disorder by persons other than the contractor's personnel and other employees of the contractor and sub-contractors.</p> <p>IV. Strike or lockout not solely involving the contractor's personnel and other employees of the contractor and sub-contractors.</p> <p>V. 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.</p> <p>VI. Natural catastrophes such as earthquake, tsunami, volcanic activity, hurricane or typhoon, flood, fire, cyclones etc.</p> <p>VII. Epidemic, pandemic etc.</p> <p>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.</p> <p>3. If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an</p>	

		<p>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.</p> <p>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.</p> <p>5. Delay or non-performance by either party hereto caused by the occurrence of any event of Force Majeure shall not</p> <p> I. Constitute a default or breach of the Contract.</p> <p> 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.</p> <p>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.</p>										
33	War Like Situation	<p>If the war like situation has developed in a country where a vendor's works involved in this tender is located or there is political instability and Indian Embassy located in that country forbids dealing with the said vendor or advises for not having any business dealing with vendor located in such zone / region/ country, then BHEL reserves the right not to consider the offer of such a vendor or to cancel the order in case the order has already been placed and suspend further dealings till normalcy in the country/ region is confirmed by Indian Embassy.</p>										
34	Signing of Integrity Pact (IP)	<p>a) IP is a tool to ensure that activities and transactions between the Company and its Bidders/ Supplier/Vendor are handled in a fair, transparent and corruption free manner. Following Independent External Monitors (IEMs) on the present panel have been appointed by BHEL with the approval of CVC to oversee implementation of IP in BHEL.</p> <table><tr><td>S.No</td><td>IEM</td><td>Email</td></tr><tr><td>1.</td><td>Shri Bishwamitra Pandey, IRAS (Retd.)</td><td>iem2@bhel.in</td></tr><tr><td>2.</td><td>Shri Mukesh Mittal, IRS (Retd.)</td><td>iem3@bhel.in</td></tr></table> <p>b) The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory) along with techno-commercial bid (Part-I, in case of two/ three part bid). Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be a preliminary qualification.</p> <p>c) Please refer Section-8 of IP for Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to any of the above IEM(s). All correspondence with the IEMs shall be done through email only.</p> <p>Note:</p>	S.No	IEM	Email	1.	Shri Bishwamitra Pandey, IRAS (Retd.)	iem2@bhel.in	2.	Shri Mukesh Mittal, IRS (Retd.)	iem3@bhel.in	
S.No	IEM	Email										
1.	Shri Bishwamitra Pandey, IRAS (Retd.)	iem2@bhel.in										
2.	Shri Mukesh Mittal, IRS (Retd.)	iem3@bhel.in										

		<p><i>No routine correspondence shall be addressed to the IEM (phone/ post/ email) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department's officials whose contact details are as mentioned below.</i></p> <p>For all clarifications/ issues related to the tender, please contact:</p> <p>Name: Raj Kumar, Manager Deptt: Purchase Capital Address: 4th Floor, Main Administrative Building, BHEL HEEP, Ranipur, Haridwar, Uttarakhand-249403 Phone: +91-1334-281961; +91 9711551224 Email: rajkumar1@bhel.in Fax:01334 -226462</p> <p>The IP duly signed by authorized official of bidder / contractor / vendor and authorized official of BHEL will form a part of Purchase order / contract.</p>	
35	Details to be furnished by bidder	<p>i) Kindly specify the category of your registration under GST like Registered, Unregistered and composite dealer.</p> <p>ii) Kindly furnish your GST registration number, State Code and Name of the State of both the agency who will raise invoice & from where goods will be dispatched.</p> <p>iii) The bidder shall clearly indicate HSN (<i>Harmonised System Nomenclature</i>) / SAC (<i>Service Accounting Code</i>), and its description.</p> <p>iv) Kindly furnish the rate of GST applicable on your item against subject tender enquiry.</p>	
36	Origin of Quotation	<p>a) The quotation should preferably be from the principal bidder. However tender specific authorized registered dealer / agent can also submit the bid on their behalf, failing which the quotation is liable to be ignored. BHEL prefers to deal directly with the principal manufacturers.</p> <p>b) An agent cannot quote on behalf of more than one principal in the same tender enquiry.</p> <p>Please refer clause no. 2 of GISTC Rev. 07 and quote offer accordingly.</p>	
37	Purchase Preference for (Make in India)	<p>For this procurement, the local content to categorize a supplier as a Class-I supplier / class-II local supplier / Non-local supplier and purchase preference to class –I local supplier, is as defined in public procurement (preference to make in India), Order 2017 revision dated 16.09.2020 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT”.</p> <p>The local supplier at the time of tender, bidding or solicitation shall be required to provide self-certification (Format enclosed) that the item offered meets the minimum local content and shall give details of the location (s) at which the local value addition is made.</p>	

38	Training to customer	As per technical specification	
39	Guarantee Clause:	Guarantee shall be offered for complete machine and all supplied accessories/equipment for 24 months from the date of acceptance of the machine.	
40	Cost of Withdrawal:	<ol style="list-style-type: none"> 1. Cost of withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only. 2. All the bidders have to list out all their Technical & Commercial Deviations (if any) in detail in the format for cost of withdrawal only. 3. Any deviation not mentioned in the format for cost of withdrawal and shown separately or found hidden in offer, will not be taken cognizance of. 4. Bidder shall submit duly filled unpriced copy of in the format for cost of withdrawal indicating "quoted" in "cost of withdrawal of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In the absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT. 5. Bidder shall furnish price copy of the format for cost of withdrawal along with price bid. 6. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser. 7. Bidders to note that any deviation (technical/commercial) not listed in the format for cost of withdrawal and asked after Part-I opening shall not be considered. 8. For deviations w.r.t. Credit Period, Liquidated damages if a bidder chooses not to give any cost of withdrawal of deviation loading as per GISTC, will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawal of deviation shall be taken as NIL. 9. Any deviation mentioned in priced copy of the format for cost of withdrawal, but not mentioned in the un-priced copy, shall not be considered. 10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of the format for cost of withdrawal. 11. Cost of withdrawal is to be given separately for each deviation. In no event bidder should club cost of withdrawal of more than one deviation else cost of withdrawal of such deviations which have been clubbed together shall be considered as NIL. 12. In case nature of cost of withdrawal (positive/negative) is not specified it shall be assumed as positive. 13. In case of discrepancy in the nature of impact (positive/negative), positive will be considered for evaluation and negative for ordering. 	
41	Submission of offer:	All envelopes to be marked with whether "Priced Bid" (Part – 2) or "Un-Priced Bid Cum Techno-Commercial Bid & PQR" (Part-1). The replica of Priced Bid (without prices) would be necessarily submitted along with Part-1 of the offer.	

42	General Terms:	Please mention separately Packing and Forwarding charges in terms of % of basic prices (if any) and mention specifically that it is inclusive or not in the quoted price. In case the offer is silent regarding these charges, the same would be considered to be inclusive in the offer. Kindly confirm.	
		Please mention separately Freight charges in terms of % of basic prices (if any) and mention specifically that it is inclusive or not in the quoted price. In case the offer is silent regarding these charges, the same would be considered to be inclusive in the offer. Kindly confirm.	
		Confirm that prices will remain firm and fixed during the entire validity and execution of the project.	
43	Delivery Period	Delivery is required within 14 months from the date of placement of PO. Early Delivery is acceptable.	
44	Erection & Commissioning	<p>Erection & Commissioning (E&C) value will include services to be rendered at BHEL like erection, commissioning, job proving, performance tests, training to operators etc. (Whichever is applicable for this case).</p> <p>The estimated percentage of erection & commissioning value is: 5.0 % of total equipment cost.</p> <p>E&C value should be quoted separately by bidders. Only in case where quoted value is less than the value (in %) specified in the NIT or separate E&C values are not mentioned in the offer, value for E&C portion shall be deemed to be considered as the value indicated in NIT & accordingly supply value will be adjusted from that quoted value and balance will be released as E&C payment.</p>	
45	Non-Disclosure Agreement	<p>Global Tender enquiry for CNC Horizontal Borer Machine is being floated through traditional mode i.e hard copy. BHEL Haridwar has internal drawings for this tender enquiry along with Technical Specifications and PQR which shall be required by the participating bidders for better understanding about the requirement of CNC Horizontal Borer Machine before quoting the tender.</p> <p>BHEL Haridwar has uploaded Tender Document including Technical Specifications, PQR (Technical & Financial), Photos of CNC Horizontal Borer machine, Non-Disclosure Agreement, Integrity Pact, GISTC & Activity Schedule etc on www.hwr.bhel.com and www.bhel.com . As drawings are confidential so considering this, drawings will be shared/shown to bidders during pre-bid meeting at BHEL Haridwar after furnishing Non-disclosure agreement (NDA) from respective bidders to BHEL.</p>	
46	Action against Bidders / vendor / supplier / contractor in case of default:	<p>In order to protect the commercial interests of BHEL, BHEL shall take action 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.</p> <p>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</p>	

		"https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors"	
47	SPECIAL TERMS -1	NO INTEREST PAYABLE TO CONTRACTOR Notwithstanding anything to the contrary contained in any other document comprising in the Contract, no interest shall be payable by BHEL to 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 Contractor whether under the Contract or otherwise.	
48	SPECIAL TERMS -2	Bidder agrees to submit performance security required for execution of the contract within the time period mentioned. In case of delay in submission of performance security, enhanced performance security which would include interest (SBI rate+6%) for the delayed period, shall be submitted by the bidder. Further, if performance security is not submitted till such time the first bill becomes due, the amount of performance security due shall be recovered as per terms defined in NIT contract, from the bills along with due interest.	
49	SPECIAL TERMS -3	The Bidders has to 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.	
50	SPECIAL TERMS -4	1) In the event of any disallowance of input credit or applicability of interest or any other financial liability arises on BHEL-Haridwar due to any default of supplier under GST, such implication shall be to supplier's account. 2) Statutory Variation in Taxes & duties as applicable at the time of supply shall be payable. However, in the event of no change in law but bidder quoting certain tax structure in bid document which is lower than the applicable one, such amount shall be the maximum amount of tax that can be claimed by bidder. 3) Attach separate sheet for additional information if necessary. The above terms & condition supersedes the terms & conditions found contradictory written elsewhere in the offer. 4) Attach separate sheet for additional information if necessary. The above terms & condition supersedes the terms & conditions found contradictory written elsewhere in the offer.	
51	SPECIAL TERMS - 5	Terms & Conditions mentioned in Annexure-I shall be given priority over GISTC terms in case of any conflict between T&C's of both.	

Note: This Special Terms and Conditions shall prevail for commercial parameters for this Tender Enquiry.

Signature of supplier with Seal

PRICE SCHEDULE**CNC HORIZONTAL BORER MACHINE -01 No****For import supply**

Description	Total Price (in foreign currency)
Total Supply Value (including Essential Tooling, Accessories, Attachments, Spares, Training of BHEL Engineers at vendor works as per technical specifications, Packing & Forwarding charges (if any) on FOB (for Sea)/FCA (for Air)	
Freight Charges (Sea / Air freight charges essentially to be quoted)	
Total CFR / CPT cost =	
** Total Erection & Commissioning Value including all Services like erection, commissioning, Job proving, performance tests, training to operators etc. at BHEL Haridwar.	

For indigenous supply

Description	Total Price (in Indian rupees)
Total Supply Value (including Essential Tooling, Accessories, Attachments, Spares, Training of BHEL Engineers at vendor works as per technical specifications, Packing & Forwarding charges if any) on (F.O.R Haridwar)	
GST on total supply value (mention applicable rate of GST)	
Total supply value at BHEL Haridwar =	
** Total Erection & Commissioning Value including all Services like erection, commissioning, Job proving, performance tests, training to operators etc. at BHEL Haridwar.	
GST on Erection & Commissioning charges (mention applicable rate of GST)	
Total Supply Value (Incl of GST) + E& C Charges (Incl of GST)	

Please attach un-priced copy of your price bid with technical bid. The sequence of price and other details shall be kept same as stated in the specifications.

****Price break-up shall be furnished by bidder as per TECH. SPECIFICATION.**

“ALL BIDDERS ARE REQUESTED TO QUOTE IN FIGURES” WITH CORRESPONDING “WORDS”.

FINANCIAL EVALUATION (L1, L2...) WILL BE DONE ON THE BASIS OF TOTAL LANDED COST (SUPPLY + E&C) AT BHEL HARIDWAR.

NOTE:

- a) Item wise breakup of the prices shall be furnished as per TECH. SPECIFICATION / DISCUSSIONS. Wherever the prices mentioned are unit prices, it should be clearly specified.
- b) Per day per person rates against each category of training at vendor's work must be mentioned separately in Technical Specification.
- c) Bidder to note that total price indicated above shall be considered for evaluation and hence should be complete in all respects for the full scope defined and considering all terms and conditions. Optional as indicated in specification will not be taken for evaluation.
- d) Any item not included in this price quoted above and shown separately will not be taken cognizance of and shall be ignored while evaluation.
- e) Following details shall be provided in separate Annexure.
 - i) Unit prices for variable items.
 - ii) Prices for any other OPTIONAL items.
- f) Transit insurance shall be arranged by BHEL.
- g) The bidder to specify in their offer (part 1 bid) the category of their registration under GST like Registered, Unregistered and composite dealer.
- h) The provisional GST registration number of Bharat Heavy Electrical Ltd, Heavy Electricals Equipment Plant, Ranipur, Haridwar is "05AAACB4146P1ZL" with state Code as "05" and State Name as "Uttarakhand".
- i) Please quote our provisional GST registration number in all invoices raised for supply of goods and services under GST regime and also ensure filing of timely return and payment of tax and compliance of other applicable provisions on supplier under GST regime.
- j) No GST will be reimbursed to unregistered or composite dealer. In the event, any GST is quoted by composite dealer, the same shall be added to the cost of supply in evaluating the bid.
- k) Since, input credit of GST will be available to BHEL-Haridwar only after correct filing of return and payment of applicable GST by supplier, reimbursement of GST shall be made by BHEL-Haridwar on matching of vendor inputs at GST portal, ensuring availability of input credit to BHEL Haridwar. Payment of GST will be made to vendor after matching of input credit and vendor to ensure submission of their invoices along with consent to accept payment of tax after such matching in all cases where bills are submitted directly to BHEL-Haridwar or through bank or under LC or through any other mode.
- l) In the event of any disallowance of input credit or applicability of interest or any other financial liability arises on BHEL-Haridwar due to any default of supplier under GST, such implication shall be to supplier's account.
- m) In the event of any change in the status of the vendor after the submission of the bid but before the supply, GST applicable at the time of supply or in the bid, based on the registration status of the vendor, whichever is lower shall be payable.
- n) Where ever applicable If PAN (Permanent Account Number) of the recipient is not available, income tax is deductible either at the normal rate or at the rate of 20 percent, whichever is higher as per Section 206AA of Indian Income Tax Act 1961.
- o) The bidder shall clearly indicate HSN (*Harmonised System Nomenclature*) / SAC (*Service Accounting Code*), its description and applicable rate of GST for each item in his techno-commercial bid.

- p) Statutory Variation in Taxes & duties as applicable at the time of supply shall be payable. However, in the event of no change in law but bidder quoting certain tax structure in bid document which is lower than the applicable one, such amount shall be the maximum amount of tax that can be claimed by bidder.
- q) **IMPORTED GOODS OFFERED BY INDIAN BIDDERS AGAINST DEALER INVOICE:** Wherever the material being offered is imported, the bidder must quote the prices inclusive of IGST. The rate and value of IGST as included in the price must be indicated separately. In case quantum of IGST is not mentioned by the bidder the same will not be considered for evaluation. However, bidder will have to pass on the benefit of IGST to BHEL at the time supply.
- r) Vendors must ensure compliance of all the applicable rules and procedure as envisaged in the GST Regime. Any loss to BHEL-Haridwar due to fault / non-compliance by the vendor will be to the vendor's account.
1. BHEL will evaluate the technical bids against essential criteria/requirements. BHEL may seek clarifications, if required, from the qualified bidders only. These clarifications will be communicated to the eligible vendors and they will be asked to attend techno-commercial discussions on specified dates. The bidders will be given 15 days' notice to come prepared with the required documents/ clarifications. No extension will be given. **The offers of those bidders, who are unable to respond in this time frame, are likely to be ignored.**

Date :
Signature :
Name :
Designation :
Department :
M/s

Details on Capacity/Supply and E&C performance of Bidder

The performance of the vendors and meeting commitments is of utmost importance. In order to keep this in focus during evaluation / finalization of tenders, Bidder shall be asked to furnish specific details of company performance as per Annexure-III (1. Capacity details; 2. Performance of supplies to BHEL).

- (A. **Capacity details in Part (1)** are about the Manufacturing Capacity (Major Machine: category-wise & number-wise), No. of Machines supplied during last 5 years, Outstanding Order Book position, Liquidation Plan of all machines including BHEL machines under consideration for ordering. Wherever possible, efforts are to be made to contact some of the references of past supplies given.
- (B. **The Performance details of supplies to BHEL will be sought in Part (2)** for the POs placed by BHEL which can be verified; hence submission of these information by vendors is mandatory. BHEL will reserve the right to reject the offer, if past performance of the bidder is evaluated to be unsatisfactory and / or false information is given by the bidder.
- i) Immediately after opening of Techno Commercial Bid, the BHEL Haridwar Indenting Unit shall get the past performance details with BHEL verified from concerned Units as a second check.
- ii) The tender Technical Committee at BHEL Haridwar Unit shall make use of the information on past performance of the bidders during technical evaluation of the offers. If Delivery Index of any bidder is >0.20, then his offer shall be liable for rejection. However, offer of bidder with Delivery Index >0.20 can also be accepted for further evaluation on exception basis with justified recorded reasons with approval of Unit Head & provided the bidder fulfils the requirement of proven experience of supplying similar machines & have adequate available capacity to meet BHEL tender requirement.
- iii) The actual / likely Supply and E&C period vis-à-vis scheduled Supply and E&C period (delay for reasons attributable to vendor only to be considered) shall be considered for all the machines

against the POs placed by BHEL during last 5 years (limited to 5 latest executed POs) and all POs overdue for Supply and/or E&C.

For purpose of calculation of Delivery Index in case of overdue POs, the delay period for Supply and/or E&C will be reckoned from the date of bid opening of the tender under evaluation. In case of two-part bid, part-I (i.e. Techno-Commercial Bid) shall be considered as date of bid opening.

Early Supply and/or E&C vis-à-vis scheduled dates will not be entitled for any consideration for calculation of Delivery Index.

Delay in E&C shall be applicable only in such cases where E&C period has been mentioned in the PO.

In case a PO includes more than one machine, then all the machines of the PO shall be considered for calculation of Delivery Index.

- iv) The details of bidder who has been disqualified based on the delivery performance with BHEL Units should be shared by Purchase Department of indenting Unit with all sister Units under intimation to CMT&IP. CMT&IP shall host the details on website of CMT&IP department.
- v) Illustration for calculation of Delivery Index:

$$\text{Delivery Index} = \sum_{i=1}^n \left\{ \frac{(\Delta X_i + \Delta Y_i)}{(X_i + Y_i)} \right\} \bigg/ n$$

i = No. of Machines; Where, i= 1..... to n (n = no. of m/cs.)

X_i = Scheduled Delivery (no. of days)

ΔX_i = Supply delay (no. of days)

Y_i = Scheduled E&C (no. of days)

ΔY_i = E&C delay (no. of days)

DETAILS OF COMPANY PERFORMANCE**A. Capacity Details:**

Manufacturing Capacity (Major machines with Qty.)	Type of Major Machines	Qty.
Machines supplied during last 5 years (Year-wise with Qty.)	Scheduled Supply Period	Actual Supply Period
Outstanding Order Book position (Type of Machine with Qty. & name of customers*)		
Liquidation Plan of all machines including BHEL machines under consideration for ordering		

* If any bidder is unable to give name of ALL the customer(s) due to confidentiality restrictions, they may give details without disclosing such customer's identity.

B. Performance of supplies to BHEL:

Details of POs to be considered in last 5 years shall include (i) Last 5 POs fully executed and (ii) all POs overdue for supply and/or E&C. Details of all machines in the POs to be given.

Sl. No.	Name of M/c with broad specs.	Name of BHEL Unit	P.O. No. & Date	P.O. Value	Supply Date		Erection & Commissioning		Reason of delay, if any
					As per P.O.	Actual/ Likely	E&C period incl. job prove out as agreed (in days)	Actual / Likely period of E&C completion (in days)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.									
2.									
3.									
4.									

Note:

1. In case bidder has not received any Purchase Order in the last 5 years from any of the Units of BHEL, then 'NIL' should be indicated.
2. Reasons for delay to be explained in details.
3. BHEL reserves the right to reject the offer, if past performance of the bidder is evaluated to be unsatisfactory and/or false information is given by the bidder.



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)

For Foreign Bidders (Version May-2024,Rev: 07)

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1. GENERAL.

These general terms & conditions shall apply to all the Tender Enquiries, notice inviting tenders, request for quotations concerning the supply of goods and / or rendering of services to Bharat Heavy Electricals Ltd., HEEP, Haridwar (hereinafter referred to as BHEL or the Purchaser). In case of placement of order these conditions will become part of purchase order until unless the deviations are specifically agreed by BHEL.

1. ORIGIN OF QUOTATION.

"A bidder shall not have conflict of interest with other bidders. Such

conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests **The bidder found to have a conflict of interest shall be disqualified.** A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) they have controlling partner (s) in common; · or
- b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c) they have the same legal representative/agent for purposes of this bid; or
- d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder. · or
- e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid; or
- f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/dealer. There can be only one bid from the following:
 - 1. The principal manufacturer directly or through one Indian agent on his behalf; and
 - 2. Indian/foreign agent on behalf of only one principal, · or
- g) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid, · or
- h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business. "

3. SUBMISSION OF TENDER.

- A) Bid/Quotation must be enclosed in sealed cover on which tender enquiry number and the due date MUST BE written and be invariably sent under REGISTERED POST / SPEED POST / COURIER/Dropped in the Tender Box: addressed as follows: -

Quotation against Enquiry No. _____ Dated: _____
Due on: _____

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

- B) TENDER BOX is located at TENDER ROOM, Room No. - 415, 4th Floor, Main Admin. Building, BHEL-HEEP, Haridwar.

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- C) In case of Three / Two Part Bid, technical bid containing technical offer, duly signed; and un-priced copy of the Price Bid should be kept in one envelope. Price Bid containing only the price should be kept in a separate envelope. All envelopes indicating Part-1 or Part-2 or Part-3 as the case may be to be put in a bigger envelope. Please note that un-priced bid should be the exact replica of price bid but without prices.
- D) The bid / quotation must be posted before due date, keeping allowance for postal transit time. Quotations sent by any mode but not received in time will be ignored. Tender received through authorized E-mail is also acceptable. However, in time submission of tender in tender box shall be the responsibility of the bidder, sent through any mode. Documents submitted with the offer / bid shall be signed and stamped in each page by authorized representative of the bidder.
- E) Any additional documents submitted by supplier / bidder, during processing of registration application / tender or after placement of order shall not be accepted unless it is submitted with forwarding letter and duly signed and stamped.
- F) The bids of the bidders who are on the banned list and also the bids of the bidders, who engage the services of the banned firms, shall be rejected. The cutting / overwriting in the bid / offer must be duly attested by the signatories to the bid. The list of firms banned by BHEL is available on BHEL web site www.bhel.com.
- G) Being PMD vendor, if you are not quoting against this tender enquiry, please send your regret letter positively for our reference with valid reasons for not participating in the tender enquiry. Repeated lack of response on the part of bidder may lead to deletion of such PMD vendor from BHEL's approved vendor list.

H) The bidders will submit Integrity Pact, duly signed by its authorized signatory, along with their bids wherever estimated tender value is Rs. 2 Crore or more.

I) In case of open tender, technically qualified unregistered bidders may apply online for registration through <http://www.bhel.com/index.php/vendor>.

J) BHEL reserves the right to award tendered quantities among more than one bidder (after acceptance of L1 price by the other bidders). BHEL can also consider awarding of part of the tendered quantity to other than L-1 bidder at **L1 counter offered rates**, if the quantity offered by the L-1 bidder is less than the quantity tendered for.

If the counter offer is to be given to other qualifying Vendor(s) (e.g. in case of splitting of order, MSE Vendors or the case of Purchase preference to make in India), then the basic price for each qualifying vendor has to be calculated taking the landed cost of the L1 vendor as reference. Basic price will be calculated by working backwards from the landed cost of L1 vendor in following manners;

(1) Counter offer in case of MSE Vendor(s) or the case of Purchase preference to make in India:

Landed cost of L-1 vendor will be reduced by notional loading of late delivery penalty to the extent the same is not applicable to the vendor being counter offered. The result so arrived at will be put as landed cost and basic price to be counter offered will be worked backward therefrom in price structure of the concerned vendor.

(2) Counter offer in case of Splitting:

Landed cost of L-1 vendor will be reduced by custom duty and notional loading of late delivery penalty to the extent the same is not applicable to the vendor being counter offered. The result so arrived at will be put as landed cost and basic price to be counter offered will be worked backward therefrom in price structure of the concerned vendor.

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If the basic price so computed is less than the basic price of the L1 vendor, then this basic price shall be counter offered, otherwise the basic price of L1 vendor shall be counter offered.

- K) BHEL may also reduce the Tender Quantity for offering it to Micro & Small Enterprise (MSE) Indian Vendors as per applicable Government of India rules whose prices are within 15% of L1 prices as per directives of Government of India.
- L) In case of e-Tendering (Online bidding through e portal), offline bid submitted in hard copy or in any other form by the vendor / supplier will not be accepted and will be rejected out rightly. Only e-portal bid will be accepted.

4. TENDER OPENING.

Tender opening is scheduled to start in the Tender Room at 2:00 PM, on the due date. Therefore, bid / quotations must reach this office / tender Box latest by 1:45 PM on due date. Only participating bidders are allowed to attend tender opening. **TENDERS RECEIVED AFTER THE SPECIFIED TIME OF THEIR 'SUBMISSION' WILL BE TREATED AS LATE TENDERS AND SHALL NOT BE CONSIDERED UNDER ANY CIRCUMSTANCES.** The bidders or their authorized representatives may be allowed to attend tender opening if duly authorized by their principals, through a tender specific letter on that particular day. General authorization letter is not acceptable.

Note: - Foreign bidders willing to attend the bid opening has to provide the requisite documents to the concerned Purchase executives for arranging gate pass for them.

5. SPECIFICATION, DRAWINGS & STANDARD.

- a) Bidders must give their detailed specification in the quotation along with relevant technical literature / catalogue etc. against the tender enquiry.
- b) The Bid should be accompanied with relevant copies of catalogues, drawings or specification as per tender enquiry.

If these documents are not furnished, the offer is liable to be rejected.

- c) Wherever national / international (N/IN) standards are referred, the latest N/IN standards are to be followed. Mention year & date of standard revision that shall be followed for the supply.
- d) All Drawings and Standards are proprietary of BHEL. It must not be used in anyway detrimental to the interest of BHEL or without permission of BHEL.

6. PRICE SCHEDULE.

- a) Kindly quote your prices in figures and words both. In case of any discrepancy in value, the prices quoted in words shall be considered for evaluation and establishing L1 status.
- b) Prices quoted should not be more than the prices quoted to any other BHEL units / offices / divisions. Vendor to submit copy of latest Purchase Order placed by any unit of BHEL for similar items in the technical bid. In case no order has been placed on such items, specific confirmation that no order has been placed on such items should be provided.
- c) Bidders need to quote their prices on CFR any sea port in Mumbai or FCA basis to the named airport in Euro/USD/JPY/UK Pound/SF/Singapore Dollar or any other Internationally freely tradable currency only. The name of the currency should be clearly indicated in your bids.
- d) In case the vendor quotes the prices on CFR basis and BHEL accepts the delivery term on CFR, **0.25 %** (of CFR Value) towards port handling charges & **1.5 %** (of CFR Value) towards inland freight or actual freight charges as per BHEL freight rate contract whichever is higher, shall be loaded in the prices for ascertaining the landed cost to decide the comparative status of the prices.
- e) However, if BHEL agrees to accept the FOB delivery terms, the FOB prices shall be loaded **2.0%** (of FOB Value) towards sea freight, **0.25%** (of FOB Value) towards port handling charges & **1.5%** (of FOB value) towards inland freight for

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ascertaining the landed cost to decide the comparative status of the prices.

f) Basis of Evaluation for Bid / Quotation in foreign currency:

1. Currency exchange rate (TT selling rates of SBI) for evaluation of the bid / quotation received in foreign currency will be as follows:
2. Single part bid – Date of tender opening.
3. Two / Three-part bid – Date of part 1 opening.
4. Reverse auction – Date of part-1 opening.

Note: - Financial evaluation of L1, L2 ----- status will be on the basis of Landed Cost to BHEL.

f1) Currency of Evaluation shall be INR.

g) Evaluation of Indian Agents Commission:

1. BHEL prefers to deal directly with foreign bidder, wherever required, for procurement of Goods. However, if the Foreign Principal desires to avail services of an Indian Agent then the Principal should ensure compliance to applicable guidelines.
2. The FOB / CIF price quoted will be deemed to be inclusive of Indian Agency commission. Agency commission if payable shall be converted to Indian Rupees at TT buying rates of exchange ruling on tender opening date which shall not be subjected to any further exchange rate variation, as disclosed by the bidder in his quoted FOB / CIF price will be paid in Indian Rupees on receipt & acceptance of Materials or it's installation at destination, as the case may be. The lower of the TT buying rate prevailing on the date of technical bid opening shall be considered for computation of Agency commission.
3. In a tender either the Indian Agent on behalf of Principal / OEM or the Principal / OEM itself can bid, but both cannot bid simultaneously for same item / product in the same Tender. If both OEM and its authorized agent submit their bids separately in that case only the offer of OEM can be considered as an exception.

h) While submitting your bids please clearly indicate:

1. Expected weight of goods (lots wise).
2. The size of packed goods.
3. Whether the goods can be dispatched in containers?
4. Port of Loading.
5. Port of Discharge.

7. REVERSE AUCTION.

Wherever RA is declared in the special terms and conditions of tender enquiry, following shall be applicable and Bidders to confirm the same:

"BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among all the techno-commercially qualified bidders.

Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in 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."

8. DELIVERY TERMS.

- a) Goods shall be dispatched by sea, unless stated otherwise in the tender enquiry or purchase order.
- b) Specifically confirm your agreement to change the mode by Air at BHEL's request as per mutually agreed terms even after placement of Purchase Orders.
- c) The Trans-shipment is not permissible in case of Break Bulk Cargo. In rest of the case Trans-shipment condition in BHEL purchase order / letter of credit will be as per Uniform Custom and Practice for documentary credits, UCP 600 of International Standard Bank proceed re-issued by International chamber of Commerce (ICC).

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- d) Any demurrage / Godown Rent payable to the Port Authorities due to any delay attributed by the supplier will be recovered from supplier's account.
- e) A certificate of origin (COO) sanctioned in country of origin from chamber of commerce of the manufacturing country is to be provided mandatorily. However, a certificate of origin (COO) from the countries under the restricted list of Govt. of India will not be acceptable.
- f) For reasons of delay in receipt of documents from suppliers or due to the same being found to be incomplete, and / or faulty, the suppliers shall be responsible to reimburse in all demurrages / wharfages, if any paid by BHEL (for stated reasons).
- g) Load port charges shall be settled by the supplier and not be passed on to BHEL in form of destination charges.
- h) In the event of bidder offering CFR delivery terms for delivery in FCL (Full Container Load), the bidder shall provide 21 days' time free of detention for General Purchase Container / High Cube Container and 14 days for the other types from the date of delivery at delivery port. Wherever the detention free period offered is less than the above specified period, the consequential cost at port of clearance shall be to the account of the bidder. Number of detention free days must be mentioned on Bill of Lading (BL).
- i) In case of CFR delivery, Port congestion charges or any additional charges claimed by shipping line till delivery at destination port shall be to the bidder's account.
- j) The shipping line should be ready to move the containers to consignees nominated CFS (Container Freight Station) yard and Indian agent of shipping line should issue Cargo Arrival Notice (CAN) 7 days in advance for filing the IGM (Import General Manifest) at discharge port.
- k) In case of CFR contract, bidder to supply the material through a Certified Sea worthy vessel.
- l) **The invoices being issued by shipping lines must be in the name of BHEL. Any loss in GST due to submission of discrepant document will be recovered from supplier / vendor.**
- m) While booking the shipment, bidder to also finalize **destination charges** and the same should appear over BL or agreed tariff to be provided to BHEL before arrival of shipment.
- n) If cargo is stuffed in container, then the same should be allowed to be moved to CFS of importers choice without any additional charges.
- o) NNDs (Non Negotiable Documents) (preferably with OBLs) should be sent to BHEL as detailed in para "p" (below), at least 7 days in advance i.e. 7 days before the arrival of vessel so as to enable BHEL to move the containers to JWC CFS.
- p) **Information related to OBL / AWB Documents:**
- I. Consignee name and address should be same as mentioned in the Purchase order.
- II. Notify party: Name and address will be as follows :(For discharge port Mumbai or Nhava Sheva)
Bharat Heavy Electricals Limited
14th Floor World Trade Centre-1, Cuffe Parade, Colaba, Mumbai -400005
Email: msseahwr@bhel.in & ppximx@bhelh.in (in case of Sea Shipments)
Email: msair@bhel.in and ppximx@bhel.in (in Case of Air shipments)
- For latest updating please refer our web site: <https://hwr.bhel.com>
- III. OBL should clearly mention the Indian agent address and contact details.
- IV. OBL should be issued as per UCP 600.
- V. In case of shipments other than FOB, OBL should mention the container detention free period.

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VI. In case of placement of an Order, BHEL requests bidder to supply one Original Bill of Lading / AWB directly to BHEL-Mumbai office (Address at Para "p-II") with other non-negotiable documents to ensure timely clearance of goods. The other Original Bill of Ladings (BL) may be routed through bank based on the other agreed terms and conditions of purchase order.

9. LIQUIDATED DAMAGES (LD) FOR LATE DELIVERY.

a) Where items of Purchase Order are independently usable.

Liquidated Damages (LD) for Late Deliveries shall be applicable @0.5% per week or part thereof on the value of respective delayed supplies subject to a maximum of 10% of the value of respective delayed supplies. Value of delayed supplies will mean the Gross Value payable to the vendor (Before LD) against such supplies excluding taxes and duties.

b) Where the total items are required for a main equipment and items are interdependent.

Liquidated Damages (LD) for Late Deliveries shall be applicable @0.5% per week or part thereof on total value of Purchase Order subject to maximum of 10% of the total value of Purchase Order. Purchase Order value for this purpose shall be the Total Gross Value payable to the vendor (Before LD) excluding taxes and duties.

"In case of CFR shipment where BHEL accepts the date of inspection as the date of delivery for the purpose of LD, the vendor has to ensure the shipment within 30 days for containerized cargo and 45 days maximum for Break bulk cargo from the date of inspection. Any delay, beyond this period, which is not attributable to BHEL shall be considered for application of LD."

"In case of FOB shipment, vendor has to intimate the readiness of cargo after inspection to BHEL nominated Freight forwarder minimum 15 days in advance for containerized cargo and 30 days in advance for Break bulk cargo before the FOB delivery date. The delay in shipment due to late intimation to BHEL nominated freight forwarder

and not attributable to BHEL will be considered for application of LD".

- c) Bidders are requested to quote the best delivery meeting the delivery requirements. BHEL reserves the right to reject the offers not meeting BHEL's delivery requirement.
- d) Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone.
- e) Bidder shall deliver the goods in the manner and schedule agreed under the terms and conditions of Purchase order.
- f) The delivery date for LD purpose will be the Bill of Lading Date/Air way bill.
- g) Payment of Liquidated Damages (LD) shall not in any way relieve the vendor from any of its obligations & liabilities under the contract.

10. PAYMENT TERMS.

- a) BHEL's standard payment term is Payment after Receipt and Acceptance of Material / Item at HEEP, BHEL-Store or at desired destination unless otherwise specified in Special Terms attached to the tender enquiry.
- b) BHEL reserves the right to accept or reject the offer of the bidder who quotes the payment term other than BHEL's standard payment term.
- c) Where the payments are through bank, the documents may be presented for negotiation through BHEL designated banks which will be specified in Purchase order. Documents should be submitted within 5 days of vessel sailing and receipt of OBL from shipping line.
- d) In case BHEL agrees for payment through LC, the same shall be irrevocable, unconfirmed and will be opened 30 days prior to the scheduled delivery and will be valid for a period of 60 days.

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- e) In case of payment after receipt and acceptance of material, 100% payment will be made within 75 days from the date of invoice subject to submission of non-discrepant documents within 15 days of supply as per terms and conditions of Purchase Order. In case any discrepancy found in the documents, BHEL will notify the same to vendor within 7 days of receipt. Vendor has to clear all the discrepancies in one go within 7 days thereafter else the payment may get delayed.

The loading criteria for the different payment terms shall be as under:

Payment Terms		Days of Loading
After Receipt & Acceptance of material within 75 days of supply.		No Loading
Against Delivery at BHEL-Stores Haridwar.		45
Against documents through bank (CAD):		45
Letter of Credit (LC)		120
Usance LC	No Loading if usance period is > 120 Days.	
	Loading of days difference i.e difference between 120 days and usance period if the usance period is < 120 days.	
Advance	Delivery Period + 120 Days -Advance Payment Days	

11. BANK GUARANTEE.

In case the bank guarantees are required to be deposited towards security deposit / performance guarantee or for any other purpose as per the terms of this tender enquiry, such bank guarantees of the requisite value in the denominated currency of the purchase order should be from one of the Indian branch of BHEL consortium banks and the bank guarantee should be in the proforma as prescribed by BHEL. The proforma of bank guarantee and the list of consortium banks are displayed at BHEL website www.bhelhwr.co.in. However, in case the bank guarantee is not from BHEL consortium banks, then the bidder has to get the bank guarantee confirmed from one of the Indian branch of BHEL

consortium banks and the bank charges for such confirmation will be borne by the bidder.

12. GUARANTEE / WARRANTY AND CORRESPONDING REPAIRS / REPLACEMENT OF GOODS.

- a) Goods shall comply with the specifications for material, workmanship and performance. Unless otherwise specified, the warranty shall be for a period of **18** months from the date of receipt. If the delivery is found non-compliant during the warranty period, leading to rejection, the Seller shall arrange free replacement / repair of goods, within one month from the date of intimation or any mutually agreed period. The rejected goods shall be taken away by the Seller at his cost and replaced on Delivered Duty Paid (DDP) (FOR - BHEL Stores / designated destination basis) within such period. In the event of the Seller's failure to comply, Purchaser may take action as appropriate, including Repair / Replenish rejected goods & disposal of rejections, at the risk & cost of the Seller. In case the defects attributable to Seller are detected during processing of the goods at BHEL or at our subcontractor's works, the Seller shall be responsible for free replacement / repair of the goods as required by BHEL.
- b) In case the material is rejected, then date of replacement will be considered as the actual date of delivery.
- c) The bidder shall have to pay 5% incidental charges while taking back supplied material if it is found rejected on receipt. The rejected material shall be sent back only after receipt of replacement / submission of BG/refund of amount paid.

13. QUALITY REQUIREMENT.

Your bid/quotation should have specific confirmation regarding meeting all our quality requirements such as. (i) Test Certificate (TC), (ii) Guarantee Certificate (GC) / Warranty Certificate (WC), (iii) Quality Plan (QP) (if applicable); and (iv) Pre-Dispatch Inspection at your works (if applicable).

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14. VALIDITY.

The quotation should be valid for a minimum period of 90 days effective from the date of opening of tender, unless otherwise specified in the tender enquiry.

15. RIGHT OF ACCEPTANCE.

- a) **BHARAT HEAVY ELECTRICALS LIMITED HARIDWAR** reserves the right to reject any or all the bids / quotations without assigning any reason thereof. BHEL also reserves the right to increase or decrease the tendered quantities. Bidders should be prepared to accept order for reduced quantity without any extra charges.
- b) Any discount / revised offer / bids submitted by a bidder on its own shall be considered, provided it is received on or before the due date and time of offer / bid submission (Part-1). Conditional discounts shall not be considered for evaluation of tenders.
- c) Unsolicited discounts / revised offers / bids given after Part-1 bid opening shall not be accepted. No change in price will be permitted within the validity period asked for in the tender enquiry.
- d) In case of changes in scope and / or technical specification and / or commercial terms & conditions having price implication, techno-commercially acceptable bidders shall be asked by BHEL to submit the impact of such changes on their price bids. In case a bidder opts to submit revised price bid instead of impact called for, then latest price bid shall prevail. However, in both situations, original price bid will be necessarily opened.
- e) The bidder whose bid is technically not accepted will be informed & EMD wherever submitted shall be returned after finalization of contract. EMD shall be forfeited in the event of bidder opting out after tender opening.

- f) BHEL reserves the right to short close the existing Purchase Order / Rate Contract / Work Order or any extension thereof at any stage.

16. TRANSIT INSURANCE.

- a) Transit Insurance will be covered by BHEL under its open Marine Insurance Policy. Seller shall inform dispatch particulars (Purchase Order, RR/GR/BL/ AWB, Invoice value etc.) to Finance department (Store bill Section), BHEL Ranipur Haridwar (Uttarakhand -India) with value of consignment to the Purchaser within 07 days of dispatch for BHEL to arrange insurance coverage in its policy. Failure on the part of seller to inform dispatch particulars will make him liable to pay for any transit damages / losses suffered by the Purchaser.
- b) If Quoted Prices are inclusive of transit insurance, no weightage shall be given while evaluating the bids for Cost of Insurance, being in BHEL Scope.

17. PHYTOSANITARY CERTIFICATE:

- a) As per the Indian Law, all consignments being imported into India by air / sea require a phytosanitary certificate from the country of origin-if articles have been packed with wooden packaging materials. This is mandatory. Please confirm in your offer / dispatch documents that the required phytosanitary certificate will be submitted.
- b) Packaging material means any kind of material of plant origin used for packing which include hay, straw wood shavings, wood chips, saw dust, wood waste, wooden pallets, dunnage mats, wooden packages, coir pith, peat or sphagnum moss etc.

18. RISK PURCHASE.

In case of abnormal delays (beyond the maximum late delivery period as per LD clause) in supplies / defective supplies or non-fulfillment of any other terms and conditions given in Purchase Order, BHEL may cancel the Purchase Order in full or part

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thereof, and may also make the purchase of such material from elsewhere / alternative source at the risk and cost of the supplier. BHEL will take all reasonable steps to get the material from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer. In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL under the contract or under General Law.

19. FORCE MAJEURE CLAUSE.

Notwithstanding any other thing contained anywhere else in the contract or PO (Purchase Order), In case the discharge of obligation under the contract by either party is impeded or made unreasonably onerous, neither party shall be considered in breach of the contract to the extent that performance of their respective obligation is prevented by an event of Force Majeure that arises after the effective date (PO date).

In the above clause, Force Majeure means an event beyond the control of the parties to the contract which prevents a party from complying with any obligation of the contract including but not limited to:

- a) Act of God (Such as but not limited to earthquake, drought, tidal waves, floods etc.).
- b) War (whether war be declared or not), Hostilities Invasion, Act of foreign enemy etc.
- c) Rebellion, revolution, insurrection, civil war etc.
- d) Contamination of Radio Activity from any nuclear fuel or from any other nuclear waste or any other hazardous materials.
- e) Riots, commotions, strike unless restricted to the employees of supplier.
- f) Acts of terrorism.
- g) Other unforeseeable circumstances beyond the control of the parties and which the affected party cannot avoid even by using its best efforts.
- h) Cancellation of contract by customer.

- i) Change in law/ government. Regulation making the performance impossible.
- j) Pandemic or Epidemic.

The party claiming to be affected by force majeure shall notify the other party in writing immediately without delay on the intervention and on the cessation of such circumstances.

Irrespective of any extension of time, if an event of force majeure occurs and its effect continues for more than 180 days the affected party shall have right to cancel the contract.

As soon as reasonably practicable following the date of commencement of a Force Majeure Event, and within a reasonable time following the date of termination of a Force Majeure Event, either Party invoking it shall submit to the other Party reasonable proof of the nature of the Force Majeure Event and of its effect upon the performance of the Party's obligations under this Agreement.

The party shall, and shall ensure that its Subcontractors shall, at all times take all reasonable steps within their respective powers and consistent with Good Operating Practices (but without incurring unreasonable additional costs) to:

- a) Prevent Force Majeure Events affecting the performance of the party's obligations under this Agreement;
- b) mitigate the effect of any Force Majeure Event; and
- c) Comply with its obligations under this Agreement.

If the war like situation has developed in a country where a seller's works is located in the P.O. or there is political instability and Indian Embassy located in that country forbids or advises for not having any business dealing with the sellers located in such zone / region/ country, then BHEL reserves the right to cancel the order.

20. NON-DISCLOSURE AGREEMENT.

All Drawing and Technical Documents relating to the product or it's manufacture submitted by one party to the other, prior or subsequent to the formation of contract, shall remain property of the submitting party. Drawing, technical documents or other

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technical information received by one party, shall not without the consent of the other party, be used for any other purpose than that, for which they were provided. Such technical information shall not without the consent of the submitting party, otherwise be used or copied, reproduced, transmitted or communicated to a third party. Patterns supplied by BHEL will remain BHEL's property which shall be returned by the bidder on demand to BHEL. Bidder shall in no way share or use such intellectual property of BHEL to promote his own business with others or to gain a commercial advantage. BHEL reserves the right to claim damages from the bidder, or take appropriate action as deemed fit against the bidder, for any infringement of the provisions contained herein as available under law or equity.

21. SETTLEMENT OF DISPUTES/ARBITRATION.

Any dispute/difference arising out of or in connection with this contract, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration under the Arbitration and Conciliation Act, 1996 of India by a Sole Arbitrator to be appointed with mutual consent of the parties. Such Sole Arbitrator shall be either a retired judge of Supreme Court or High Court or District Court of India or some Advocate having practiced in Indian Courts. The seat or place of arbitration shall be New Delhi, India. The language to be used in the arbitration shall be English. The governing law of the contract shall be the substantive law of India. In case the parties fail to agree on the appointment of arbitrator within 2 months of the notice invoking arbitration by one party, then the arbitrator shall be appointed in accordance with the Arbitration and Conciliation Act, 1996 of India.

JURIDICTION: The courts of New Delhi, India, shall have exclusive jurisdiction.

22. INFORMATION TO THE BIDDERS.

- a) Purchase related information is available at our Business-to-Business (B2B) Portal available on our website <https://hwr.bhel.com>. The user ID & password can be obtained by sending a request to concerned purchase executives.

- b) Intimate your change in mail address or communication address or changes, if any, by email to AGM (SDX/MM) giving your bidder Code.
- c) Please resolve your rejections and unexecuted overdue purchase order immediately which are posted at our B2B Portal, which can be visited through our site <https://hwr.bhel.com>.
- d) Copy of this Tender Enquiry is being sent through the post/ Courier / E-mail or by any existing means.
- e) Invoice description and Unit of measurement should be strictly in accordance with Purchase order.
- f) Unit of measurement for dimension and weight should be in metric system only.
- g) 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.
- h) Supplier must upload digitally signed e-Invoice on B2B portal for processing of Bills.
In other cases, inked signed hard copy of Invoice to be submitted for processing of Bills.

23. MAKE IN INDIA (GOVT-NOTIFICATION).

- A. This tender enquiry shall be governed by notification no. P-45021/2/2017-PP (BE-II) dated 04.06.2020 of government of INDIA and subsequent circulars issued afterwards. Accordingly, the minimum local content, the margin of purchase preference and the procedure for preference to make in INDIA shall be adhered.
- B. The margin of purchase preference shall be 20%.

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- 'Class-I local Supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%, as defined under this order.
 - 'Class-II local Supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under this order.
 - 'Non- local Supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content less than or equal to 20%, as defined under this order.
- C. Vendor to specifically confirm if they are Class-I or Class-II local supplier or not as per above mentioned notification. Accordingly, the 'Class-I local supplier'/'Class-II local Supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier'/'Class-II local Supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made.
- D. In cases of Procurement for a Value in Excess of Rs. 10 Crores, the 'Class-I local supplier'/'Class-II local Supplier' shall be required to provide a Certificate from the Statutory Auditor or Cost Auditor of the Company (in the case of companies) or from a practicing Cost Accountant or practicing Chartered Accountant (in respect of suppliers other than companies) giving the percentage of Local Content.
- E. Requirement of Purchase Preference:
Purchase preference shall be given to 'Class-I local supplier' in procurements undertaken by procuring entities in the manner specified hereunder -
- a. In the procurements of goods or works, which are covered by para 3(b) of mentioned Govt. circular and which are divisible in nature, the 'class-I local supplier' shall get purchase preference over 'Class-II supplier' as well as 'Non-local supplier', as per following procedure:
 - i. Among All qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local
 - supplier', the contract for full quantity will be awarded to L1.
 - ii. If L1 bid is not a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local supplier, then such balance quantity may also be ordered on the L1 bidder".
 - b. In the procurements of goods or works, which are covered by para 3(b) of mentioned Govt. circular and which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'class-I local supplier' shall get purchase preference over 'Class-II supplier' as well as 'Non-local supplier', as per following procedure:
 - i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.
 - ii. If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
 - iii. In case such lowest eligible 'Class-I local supplier', fails to match the L1 price, the 'Class-I local supplier' with the next higher bid within the margin of purchase preference

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shall be invited to match the L1 price and so on and contract shall be awarded accordingly.

In case none of the 'Class-I local supplier' within the margin of purchase preference matches the L1 prices, the contract may be awarded to the L1 bidder.

- c. 'Class-II local supplier' will not get purchase preference in any procurement, undertaken by procuring entities.
- F. For this procurement, the local content to categorize a supplier as a Class-I local supplier/ Class-II local supplier/ Non-local supplier and purchase preference to Class-I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 issued by DPIIT. In case of subsequent orders issued by nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.
- G. Procurements where estimated value to be procured is less than Rs. 5 lakhs shall be exempted from GOI order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020.
- H. For procurement of Goods & Services which are divisible in nature, following shall be operated for **MSE bidders** under Public procurement Policy for the Micro and Small Enterprises (MSEs) Amendment Order, 2019, Ref. No. AA: SSP: MSE: Amndt, dtd. 30.11.2018, Circular No. 44 of 2018-19;-
- a. If L1 bid is not from "Class-I local Supplier" and price quoted by MSE bidder falls within the margin of Purchase preference (L1+15% for MSEs), then 25 % of total order quantity of respective item (rounded off to nearest number) shall be awarded to MSE bidder, subject to MSE bidder matching the L1 Price. Out of Remaining 75% quantity, distribution shall be operated as per below sub-clause (2) –
- b. If "Class- I Local Supplier" (Next to L1, other than MSE) quoted price falling within the Margin of Purchase Preference, and "Class-I local supplier" matches the L1 price, then 50% of remaining Quantity (after allocation of 25% to MSE) i.e. 37.5% shall be awarded to local supplier and 37.5% shall be awarded to foreign bidder.

Note: L1 Price refers to lowest evaluated / landed cost to Company.

For Further details, please refer GOI order no. P-45021 / 2 / 2017 - PP (BE-II) dated 04.06.2020.

24. RESTRICTIONS UNDER RULE 144(XI) OF THE GENERAL FINANCIAL RULES (GFRs), 2017

All provisions of Order No. F.No.6/18/2019-PPD of Department of Expenditure (DoE) shall be applicable for this tender enquiry (Order copy is available at <https://doe.gov.in/procurement-policy-divisions>). Accordingly, any bidder from a country which shares a land border with India (except the countries to which the Govt. of India has extended lines of credit or in which the Govt. of India is engaged in development projects for which list is available at <https://www.mea.gov.in/>) will be eligible to bid in this tender only if the bidder is registered with the Competent Authority as specified in Annex I of the said Order of DoE.

Updated list of the countries to which lines of credit have been extended or in which development projects are undertaken are available on the Ministry of External affairs website (<https://www.mea.gov.in/>)

For the purpose of this order, definition of Bidder from a country which shares a land border with India shall be same as defined in the Annex III of the said order.

Registration with the competent authority as stipulated in the said order is responsibility of bidder. Bidder has to submit a certificate certifying following along with offer:

"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 bidder (.... Name of Bidder) is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that bidder (.....Name of bidder) fulfils all requirements in this regard and is eligible to be considered"

If the bidder is from such country which shares a land border with India evidence of valid registration by the Competent Authority shall also be attached along with offer."

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25. NOTE.

- a) Special conditions of enquiry, if enclosed by BHEL, will supersede the respective standard/general terms of enquiry.
- b) Any other Standard terms and Conditions of the bidder attached/referred against the tender enquiry will be treated as null and void ab initio.
- c) In order to protect the commercial interests of BHEL, it becomes necessary to take action against suppliers / 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, indulged in malpractices, cheating, bribery, fraud or any other misconducts or formation of cartel so as to influence the bidding process or influence the price etc. Guide- lines for Suspension of Business Dealings with Suppliers / Contractors shall prevail over which is available at BHEL website <http://www.bhel.com>
- d) The 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.
- e) "BHEL shall recover the amount of compensation paid to victim(s) by BHEL towards loss of life / permanent disability due to an accident which is attributable to the negligence of contractor, agency or firm or any of its employees as detailed below;
 1. **Victim:** Any person who suffers permanent disablement or dies in an accident as defined below.
 2. **Accident:** Any death or permanent disability resulting solely and directly from any unintended and unforeseen injurious occurrence caused during the manufacturing / operation and works incidental thereto at BHEL factories/ **offices and precincts** thereof , project execution , erection and commissioning, services, repairs and maintenance, trouble

shooting, serving , overhaul, renovation and retrofitting , trial operation, performance guarantee testing undertaken by the company or during any works / during working at BHEL Units/ Offices/ townships and premises/ project sites.


3. Compensation in respect of each of the victims:

- (i) In the event of death or **permanent disability** resulting from **Loss of both limbs:** Rs. 10,00,000/- (Rs. Ten Lakh).
- (ii) In the event of **other permanent disability:** Rs. 7,00,000/- (Rs. Seven Lakh).

Permanent Disablement: A disablement that is classified as a permanent total disablement under the proviso to Section 2(I) of the Employees Compensation Act, 1923."

- f) The bidder shall be in compliance with applicable laws, rules and regulations throughout the terms of the contract for conducting its business generally and to perform its obligations under this contract.

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	BHARAT HEAVY ELECTRICAL LIMITED		Enquiry No.		
	HEAVY ELECTRICAL EQUIPMENT PLANT RANIPUR, HARDWAR - 249403, UTTARAKHAND, INDIA		Due Date		
	CONTACT PERSON'S NAME/DESIGN./PHONE NO./E-MAIL (FROM PURCHASE DEPTT.)		Supplier's Qtn. No.		
			Date		
	PHONE NO.:				
	E-MAIL ID.				
SCOPE: SUPPLY, ERECTION & COMMISSIONING OF FLOOR TYPE CNC HORIZONTAL BORING MACHINE COMPLYING WITH SPECIFICATIONS AS BELOW:					
NOTE:-					
<p>1. Vendor must submit complete information against clause at Sl.No. 25. The offer, complying this clause, would only be considered.</p> <p>2. The vendor should fill the "Offered" Column in compliance to specified requirements and also "Deviations" Column, where there is deviation from the requirement. Duly filled specification cum compliance certificate should be submitted along with the offer. Inadequate, incomplete, ambiguous or unsustainable information against any of the clauses of the specifications/requirements shall be treated as non-compliance.</p> <p>3. The offer and all documents enclosed with offer should be in English language only.</p>					
NAME & ADDRESS OF THE SUPPLIER :					
TELEPHONE NOS.:					
FAX NOS.:					
E-MAIL ADDRESS :					
SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
1.0	PURPOSE & WORKPIECE MATERIAL				
1.1	Purpose: The machine is required for machining of HP, IP and LP inner and Outer Casings of Steam Turbines of various ratings. The Machine should be suitable for heavy duty Milling, heavy Drilling, Boring, Threading-Metric & Buttress Threads, Reverse Counter Boring, Core Drilling, Reaming, etc. on high alloy Steel Castings. The machine is to be used mainly for Joint Plane Facing, Drilling, Boring, Tapping/ Thread Cutting/ Thread Whirling, Reverse Counter Boring, complete peripheral finish machining of Turbine casings. The machine will also be used for machining of other similar Casings of Steam Turbines.	Vendor to Note & accept			
1.2	Work Piece Material: The machine shall be suitable for machining of castings of steel grade G17 Cr Mo V511 as per DIN 17245, IN617 / IN625 etc with Boring Head, and components of Ferrous and non-ferrous metals like Carbon Steel, low & High Alloy Steel, Cast Steel, Cast Iron and similar other materials.	Vendor to Note & accept			

Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.00	SPECIFICATIONS:				
2.01	MACHINE CONFIGURATION: The Machine shall be Floor Type CNC Horizontal Boring Machine with a Rotary Table and machining Bed. Looking from spindle side, AAC is to be on Right side of Rotary Table and Bed/ floor plate (X+ side). Linear movement of Table is to be perpendicular to X-axis.	Vendor to Note & accept			
2.02	HEAD STOCK				
2.02.1	The RAM design should ensure that it is able to withstand the weight of all the attachments as per S.No 11 while performing various machining operations.	Vendor to Confirm			
2.02.2	Boring spindle diameter	250mm or more			
2.02.3	Milling spindle diameter	Vendor to specify			
2.02.4	Ram Cross section (LxB)	Vendor to specify			
2.02.5	Spindle drive power (AC Continuous Rating - S1)	125 KW or more			
2.02.6	Spindle speed (Infinitely variable)	10 RPM or less to 1600 RPM. or more			
2.02.7	No. of speed ranges	Vendor to specify			
2.02.8	Max torque on the boring spindle (N-m)	Vendor to specify			
2.02.9	Max torque on the milling spindle (N-m)	Vendor to specify			
2.02.10	Spindle cone Taper: ISO 60	Vendor to Confirm			
2.02.11	2 no of Conversion Sleeve from ISO 60 to BT 50	Vendor to offer			
2.02.12	Torque-Power-Speed characteristics of the spindle system to be submitted by the vendor.	Vendor to submit			
2.02.13	Oriented Spindle Stop (Any position)	Vendor to confirm			
2.02.14	Spindle Cooling System (Details to be informed)	Vendor to submit			
2.03	COLUMN:				
2.03.1	Column longitudinal travel (X-Axis)	19000 mm or more			
2.03.2	Additional Longitudinal Traverse of X Axis required to accommodate and use of AAC beyond the specified axis traverse shall be separately offered by the vendor.	Vendor to confirm			
2.03.3	X-axis feed rate (Infinitely variable)	1 to 5000 mmpm or more			
2.03.4	X-axis rapid traverse rate	10000mmpm or more			
2.03.5	Axis Resolution	0.001mm			
2.04	HEADSTOCK TRAVERSE ON COLUMN:				

Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.04.1	Headstock vertical traverse (Y-Axis) (wrt Table Top)	5500mm or more			
2.04.2	Y-axis feed rate (Infinitely variable)	1 to 5000 mmpm or more			
2.04.3	Y-axis rapid traverse rate	10000mmpm or more			
2.04.4	Axis Resolution	0.001mm			
	2.05 RAM/ SPINDLE TRAVERSE:				
2.05.1	Boring spindle axial travel (W-Axis)	1500mm or more			
2.05.2	Ram axial travel (Z-Axis)	2000mm or more			
2.05.3	Boring Spindle axis feed rate (Infinitely variable)	1 to 3000mmpm or more			
2.05.4	Boring Spindle axis rapid traverse rate	10000 mmpm or more			
2.05.5	Ram axis feed rate (Infinitely variable)	1 to 3000mmpm			
2.05.6	Ram axis rapid traverse rate	10000 mmpm or more			
2.05.7	Axis Resolution	0.001mm			
2.05.8	Spindle & Ram Axes should be independently programmable with Independent Drives, motors and Feed back system.	Vendor to confirm			
	2.06 FEED AND DRIVE SYSTEMS:				
2.06.1	Feed drives/ motors for X,Y,Z & W axes [AC servo motors] shall be digital type of either Siemens or Fanuc make (Details of model, make, type etc. to be submitted)	Vendor to submit			
2.06.2	Maximum feed force for all axes	Vendor to specify			
2.06.3	Feed back system for X, Y & Ram (Z) axes: Distance coded Sealed Linear scales, preferably Heidenhain, with pressurised compressed air cleaning (Details to be submitted by the vendor). The Air supply system shall have suitable drier, if required.	Vendor to submit			
2.06.4	Feed back system for Spindle (W) axis: Rotary/ Linear Encoders, preferably Heidenhain, Details to be submitted by vendor	Vendor to submit			
2.06.5	Type of power transmission: 1. Pre-loaded backlash free Hydrostatic Worm OR Pre-loaded backlash free double pinion & rack drive for X-axis. 2. Backlash free re-circulating ball screw with Pre-loaded double nut for all other axes. (Complete description of the aforesaid, including diameter of Ball Screw for each axis, to be submitted with the offer)	Vendor to submit			
2.06.6	Mechanism for locking X, Y & Z axis	Vendor to specify			
2.06.7	Maximum thrust rating of all axes.	Vendor to specify			
2.06.8	System should necessarily have Measuring system & Bidirectional compensation.	Vendor to confirm			

SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.07	MACHINE GUIDEWAYS:				
2.07.1	Width of bed guideways, X-axis	Vendor to specify			
2.07.2	Width of column guideways, Y-axis	Vendor to specify			
2.07.3	Details of Guide ways for Ram axis and bearing details of Spindle axis are to be submitted with offer.	Vendor to submit			
2.07.4	Guide ways for X-axis, Y-axis & Z-axis: Hydrostatic (Details to be submitted). Details of lubrication system provided on Spindle axis are also to be submitted with the offer.	Vendor to submit			
2.07.5	Hardness of guideways	Vendor to specify			
2.07.6	Metallic Telescopic covers of rust resistant material to be provided with wipers for X & Y axes guide ways. Joints of telescopic covers should be so sealed to avoid mixing of coolant & hydrostatic oil is to be provided. Telescopic covers for X-axis should be with a slant towards Chip conveyor. Bellow covers shall also be provided to ensure additional protection from coolant, hydrostatic oil, chips/swarf, and grinding slurry.	Vendor to offer and confirm			
2.08	ROTARY TABLE :				
2.08.1	Table size (LxB)	6000mm x6000mm			
2.08.2	Maximum load carrying capacity (Tons)	150T or more			
2.08.3	Rotary Table shall be capable of eccentric loading of jobs . The table should be capable of loading one half of LP Inner or IP outer casing on one end of Table for machining of Parting Plane. Loading Chart of Table showing relation of weight and distance of c.g. from centre of Rotary Table to be submitted.	Vendor to confirm & submit.			
2.08.4	Table rotation (B-axis)	360000 indexing positions			
2.08.5	Maximum machining torque on B-axis (N-m)	Vendor to specify			
2.08.6	Maximum clamping torque on B-axis (N-m)	Vendor to specify			
2.08.7	Feed rate for Table Rotary Axis. (Deg/ min Infinitely variable or rpm)	Vendor to specify			
2.08.8	Rapid Traverse Rate for Rotary Axis (Deg/ min. or rpm)	Vendor to specify			
2.08.9	Size of T-slots	Suitable for Studs of M36 size.			
2.08.10	T-slots pitch (as per DIN standard)	Vendor to specify and confirm			
2.08.11	Central slot tolerance	Vendor to specify			
2.08.12	Perpendicular Lateral slot size/ tolerance	Vendor to specify			
2.08.13	Size of bore at the center.	Vendor to specify			

Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.08.14	Linear traverse	3000 mm or more			
2.08.15	Feed Force on Linear Axis	Vendor to specify			
2.08.16	Feed Rate for Linear axis (mm/ min Infinitely variable)	1 to 5000mm/min or more			
2.08.17	Rapid Traverse rate for Linear axis (mm/ min)	10000mm/min or more			
2.08.18	Minimum distance between ram face and table face.	Vendor to specify.			
2.08.19	Cheveron type Metallic Telescopic Covers of rust resistant material are to be supplied with replaceable wipers for Table Linear axis. Joints of telescopic covers should be so sealed to avoid mixing of coolant and Hydrostatic oil. Bellow covers shall also be provided to ensure additional protection from coolant, hydrostatic oil, chips/swarf, and grinding slurry.	Vendor to confirm			
2.08.20	Feed back devices :				
2.08.21	a) Rotary encoder, preferably Heidenhain, for B-Axis	Vendor to confirm			
2.08.22	b) Linear Scale, preferably Heidenhain, with pressurised compressed air cleaning system for linear (V)-Axis	Vendor to confirm			
2.08.23	Feed drives : Fanuc/ Siemens digital AC Servo drives. Details of Make, Model, Type etc. to be submitted.	Vendor to submit.			
2.08.24	Mechanism for locking/ clamping of Table axes. Vendor should provide soft screen showing status of table Clamping/locking.	Vendor to specify			
2.08.25	Location of the Table	Suitably positioned at the X-(minus) side (Layout of machine to be submitted)			
2.08.26	Level of bottom face of Rotating part of table should be at minimum height above bed plate. The cover plates around the table should be at floor level for safe movement of operator from bed plates/floor to table or vice versa.	Vendor to confirm and inform the minimum height			
2.08.27	The table should freely rotate without interfering with the bed plates / floor level.	Vendor to confirm.			
2.08.28	Spindle should reach 250 mm beyond extreme end (X- side) of rotary table	Vendor to confirm			
2.08.29	Hydrostatic Guideways for Table Rotation.	Vendor to confirm.			
2.08.30	Hydrostatic Guideways for Table Linear Traverse.	Vendor to confirm.			
2.08.31	4 x 90 deg Precision Positioning (Details to be submitted.)	Vendor to submit.			
2.08.32	There should be option for enable and disable of Table and its accessories so that machine can be operated independently of table.	Vendor to confirm.			






Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.08.33	Type of power transmission for V-axis: Pre-loaded backlash free double pinion & rack drive OR Backlash free re-circulating ball screw with Pre-loaded double nut for V-axis. (Complete description of the aforesaid, including diameter of Ball Screw etc., to be submitted with the offer)	Vendor to offer & submit			
2.09	BED / FLOOR PLATES :				
2.09.1	Floor Plate Area (L X B)	11000 mm (Length along X Axis) x 10000 mm (Width)			
2.09.2	Number of Floor Plates	vendor to specify			
2.09.3	Size of each Floor Plate	vendor to specify			
2.09.4	Load bearing capacity, Tons / sq. Meter	15 Tons / sq. Meter (or more)			
2.09.5	Thickness	300mm or more			
2.09.6	T-slot size	42 mm, Suitable for T-Bolts of size M36			
2.09.7	T-slot pitch as per DIN standard	250mm			
2.09.8	Direction of T-slots in the Floor Plates	Parallel to X Axis			
2.09.9	Coolant collection channels on the sides of the floor plates	Vendor to confirm			
2.10	OPERATOR'S PLATFORM / CABIN:				
2.10.1	Operator's platform having enclosed cabin of suitable load carrying capacity to be provided with Independent Motorised Vertical Movement /Hydraulic operated with independent service unit for total Vertical Traverse as well as forward stroke of sufficient length . Push Button switches are to be provided on the Operator's cabin at suitable location for motorised movement. A 15 Amp. Plug Point with ON/OFF switch along with sufficient illumination are to be provided inside the cabin. A Suitable side wall mounted fan for the operator is also to be provided.	Vendor to confirm			
2.10.2	Horizontal movement of Operator's Platform.	Vendor to specify			
2.10.3	Weight carrying Capacity of the Platform / cabin should be Min. 300 Kg..	Vendor to confirm			
2.10.4	Minimum Height of Platform from Shop Floor / Bed plates.	Vendor to specify			
2.10.5	Provision of sliding type door in the front (spindle side) and the back for entry of the operator is to be provided. Splash/ Chip guards on operator platform for protection of operator, operator's panel and to avoid spillage of coolant & chips on operator's platform.	Vendor to offer and confirm			

Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.10.6	Operators platform to be equipped with Safety Glass Window for viewing machining area along with safety enclosures. The Glass window should be equipped with vertical up/down motion for clear machining view.	Vendor to confirm			
2.10.7	Interlocks should be provided for its linear movement against Table Rotation to avoid collision/accident.	Vendor to confirm			
2.11	OPERATION AND CONTROL SYSTEM:				
2.11.1	OPERATOR'S PANEL:				
2.11.1.1	Swiveling type operator's panel having complete CNC and machine control system of required configuration shall be provided on the operators platform. All switches on the Operator's panel, including that for table rotation, should be within reach of operator of average height of 5'6" for convenient, efficient & safe operation. All displays/ indications should also be conveniently placed accordingly. Layout showing complete details of the panel should be submitted. This Panel should have handles for rotating by hand. The rear door should be on hinges with lock and not screw mounted. One 220 VAC/ 5 Amp 3-pin service socket and switch to be provided on the operator panel. None of the electronics component should be mounted on the Operator panel door. Proper cooling facility should be provided for the operator panel.	Vendor to confirm & submit Photographs & Layout.			
2.11.2	CNC SYSTEM & FEATURES :				
2.11.2.1	Make : Fanuc / Siemens.	Vendor to confirm			
2.11.2.2	Type : PC based latest version	Vendor to confirm			
2.11.2.3	Model (Latest version, as available at the time of ordering, should be supplied).	Vendor to offer and confirm			
2.11.2.4	The system should have full alphanumeric keyboard, TFT/LED colour display (15" or more) , additional draw-out type Qwerty Key Board and mouse in suitable enclosure. RS232C serial interfaces, parallel interface for printer, COM port for telediagnosics, USB and Ethernet Interface. Display of PLC ladder on Operating Panel display of NC & PLC Alarms/messages and their help on operator panel HMI. , network ready with LAN, electronic hand wheels for all axes, Replaceable SSD Hard disk 128GB, 3GB for User Data or higher as the case may be at the time of ordering , other required softwares etc.(Details should be submitted by Vendor).	Vendor to offer and confirm			






SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.11.2.5	Option for display, monitoring and edit of PLC program should be through soft key on HMI. Upload and download of PLC program through operator panel and display of NC & PLC Alarms/messages and their help on operator panel HMI. Necessary options and hardware should be included in the offer. Bidder should consider to provide functionality for monitoring of PLC program in online mode with parallel capability to operate machine simultaneously in JOG, MDI & AUTO. If there is limitation in showing the PLC program on HMI as mentioned above, Vendor should consider to provide an additional HMI (installed on machine) for display & monitoring of PLC program in online mode with parallel capability to operate machine simultaneously.	Vendor to offer and confirm			
2.11.2.6	In case of non-availability of COM(V.24), COM1(V.24), COM Port for telediagnostic, LPT1 interface, RS232-C & floppy drive unit for data/input etc. by CNC system manufacturer at the time of supply, suitable separate ports for networking with LAN, data input/output, telediagnosics, printer & USB ports shall be provided. USB Port & drive with minimum 4 GB Pen drive for data input/output shall be provided for data input/output to/from CNC system in CNC mode through offered pen drive & USB port. In case, only USB ports are provided, suitable hardware/connectors shall be provided to ensure functionalities as per tender specifications.	Vendor to offer and confirm			
2.11.2.7	Details of Standard features. List to be submitted.	Vendor to submit			
2.11.2.8	Details of optional features, recommended by vendor, to be submitted.	Vendor to submit			
2.11.2.9	On screen graphic simulation. (Offline graphic simulation-fast simulation of tool movements without requirement of locking machine axes/independent of machine movements)	Vendor to confirm			
2.11.2.10	Foreground/Background editing	Vendor to confirm			
2.11.2.11	Process oriented Canned Cycles for Drilling & Milling operation.	Vendor to confirm			
2.11.2.12	Rigid Tapping	Vendor to confirm			
2.11.2.13	Tool Management system	Vendor to confirm			
2.11.2.14	Block search without calculations as well as with calculation in automatic	Vendor to confirm			
2.11.2.15	Facility to store at least 20 zero offsets	Vendor to confirm			
2.11.2.16	Absolute/incremental programming	Vendor to confirm			
2.11.2.17	Decimal point programming	Vendor to confirm			
2.11.2.18	Linear & circular interpolation	Vendor to confirm			
2.11.2.19	Programmable dwell	Vendor to confirm			
2.11.2.20	Storage of user defined subroutine independent of the main program	Vendor to confirm			
2.11.2.21	Variable parametric programming with mathematical functions including trigonometric & logic functions	Vendor to confirm			
2.11.2.22	Arc-programming with radius & end-point	Vendor to confirm			
2.11.2.23	Subroutine nesting up to 3 levels	Vendor to confirm			

SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.11.2.24	Programmable skip	Vendor to confirm			
2.11.2.25	Facility of inclusion of message in the part program	Vendor to confirm			
2.11.2.26	Corner rounding & chamfering feature	Vendor to confirm			
2.11.2.27	Programming with polar coordinates	Vendor to confirm			
2.11.2.28	Cutter radius compensation	Vendor to confirm			
2.11.2.29	All standard features of CNC System should be listed as well as item wise price of all available optional features of CNC system must also be quoted	Vendor to confirm			
2.11.2.30	Details of Standard features. List to be submitted.	Vendor to submit			
2.11.2.31	Features of CNC System required for identified jobs or foreseen by the vendor as required.	Vendor to submit			
2.11.2.32	Optional features	Vendor to submit			
2.11.2.33	Details of other optional features (To be selected by BHEL)	Vendor to submit			
2.11.3	MANUAL CONTROL :				
2.11.3.1	Complete manual control of machine with required switches / keys should be provided on operator's panel for selection of required axis, axis direction, cutting feed, spindle rpm, Direction of Spindle Rotation, i.e. CW/ CCW, cutting feed and spindle rpm on/off, display of axis position values etc, for manual operation without using CNC program or MDI mode. Diagram/ Sketches of switches/ keys provided on operators pendant to be submitted.	Vendor to confirm. Layout of panel showing requisite switches to be submitted.			
2.11.4	HAND HELD UNIT:				
2.11.4.1	Vendor to offer Hand held unit with display of CNC system manufacturer along with sufficient length of interfacing cable. The length of the cable should be sufficient to cover the entire working area of table/bed even when machine control panel is at the end of stroke. The cable should be straight one rather than coiled.	Vendor to offer & details to be submitted.			
2.11.5	UPS FOR CNC SYSTEM:				
2.11.5.1	UPS of 30 minutes for CNC system with inbuilt cooling and charge status display (Battery charging /discharging time should be specified by vendor)	Vendor to offer & details to be submitted.			
2.12	MACHINE LIGHTS:				
2.12.1	Machine Lights for sufficient illumination of complete working area, on both sides of operator's platform, should be provided for clear visibility.	Vendor to offer & specify details.			
2.12.2	A magnetic base portable spot light with sufficiently long cable should also be provided.	Vendor to offer & specify details.			





SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.12.3	Any lights required in the foundation/ pit area shall also be foreseen and supplied by the vendor.	Vendor to confirm			
2.12.4	All light fittings, consumables, adapters/receptacles should have compatibility with Indian equivalents	Vendor to confirm			
2.12.5	Flashing / rotary type End of Cutting and Program Stop Light.	Vendor to confirm			
2.13	AIR CONDITIONERS:				
2.13.1	Air Conditioners with Dehumidifiers of suitable/ sufficient capacity and proper drainage pipes for condensate, are to be provided for all Electrical/ Electronic Panels/ Cabinets including operator's Panel, if required, considering specified ambient conditions. Detailed specifications, e.g. make, model & capacity to be submitted. The Air Conditioners are not to be mounted on top of the panels.	Vendor to offer			
2.13.2	In case of order vendor shall provide following information about Air Conditioners and Chiller Unit (s) used in the machine: Type of Refrigeration/ Chiller unit. The Capacity of the chiller unit. Type of compressor with complete specifications. Type of Thermostatic Expansion Valve with complete specifications. Fan size and flow in CFM (cubic feet meter) of the Condenser unit. Specifications of the Evaporator Unit (Width Plate type/ Coil type) Functional requirement of temperature of Cooling Oil to be maintained between range T1 to T2. Type of temperature indicator/ controller used in the chiller unit with complete specifications.	Vendor to confirm			
2.14	HYDRAULIC & HYDROSTATIC SYSTEM : Details should be Submitted by the Vendor				
2.14.1	The System should be centralised. Hydrostatic & Hydraulic Oil Tank should preferably be located at Floor level.	Vendor to confirm			
2.14.2	Pumps/valves/switches (pressure & flow) should be of make : Rexroth/Parker/Hawe/Eaton/Hydac/Yuken/IFM (Details to be submitted)	Vendor to confirm			
2.14.3	Filtration System : Sufficient no of Filters (with Electric Clogging Indicator & alarm on PLC). Filter element should preferably be of make EPE/Hydac/MP Filtri/ Mahle/Sofima. Details to be submitted.	Vendor to confirm & submit			
2.14.4	Failure indication	Vendor to confirm			
2.14.5	Automatic shut off provision, Details to be informed.	Vendor to inform			

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SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.14.6	Refrigerated type cooling and electric heating (Electric heating only if required) system of sufficient capacity to maintain complete Hydraulic System, including lubrication oil, hydrostatic oil and gearbox oil, etc. at a temperature not exceeding 40 deg C irrespective of the ambient conditions. Complete details should be submitted	Vendor to confirm			
2.14.7	Hydraulic pump capacity (flow/ pressure) to be intimated .	Vendor to specify			
2.14.8	Each pump should have an independent motor. Tandem pumps should not be used.	Vendor to confirm			
2.14.9	First filling of all required Oils & Grease etc. to be supplied by vendor. Indigenous (Indian) source or equivalent ISO Code and specifications of oils/ greases are also to be provided by the vendor.	Vendor to confirm			
2.14.10	Hydraulic, Pneumatic & oil piping's should be preferably metallic except places where flexible piping's are essential. All the pipes required for the same shall be included in the standard scope of the machine.	Vendor to confirm			
2.14.11	Machine should have independent hydraulic service units for each high pressure circuit/application	Vendor to confirm			
2.15	COOLANT SYSTEM :				
2.15.1	Coolant System with all accessories for following variants shall be provided. Selection of all the variants shall be through program and push buttons provided on the Operator's panel as well. a) Recirculating Type Flood Coolant System with nozzles and coolant pipes around spindle. b) Air coolant system c) High Pressure Coolant through Spindle (Minimum 80Bar)	Vendor to confirm			
2.15.2	All offered attachments, tool holders, boring bars, adapters etc. shall have the provision so that coolant is available directly at the tool-cutting tip.	Vendor to confirm			
2.15.3	Coolant collection and recirculation system should be leakproof & perfect to avoid any spillage on shop floor, trenches for cables & foundation pit of the machine etc.	Vendor to confirm			
2.15.4	Coolant Filtration System: Recirculating type coolant system with Vacuum Rotary drum type Filtration System and magnetic separator. Details including model & make with Catalogue pages to be submitted.	Vendor to confirm and submit			
2.15.5	Coolant Flow Diagram showing filters, pumps, valves, tanks etc. to be submitted with the offer.	Vendor to submit			
2.15.6	Pressure & rate of flow of coolant for different variants should be furnished in the offer. The Pressure should be sufficient for the coolant to reach the tool tip at full pressure.	Vendor to specify & confirm.			

SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.15.7	Coolant Tank Capacity. Main Coolant tank may preferably be placed on the shop floor level. The Coolant collection Tank should be of metal sheet.	Vendor to confirm specify			
2.15.8	For finer control of Pressure and Coolant Flow Rate, after its activation through program or switches, Rotary/ potentiometer switches/ Push Buttons shall be provided on the Operator's Panel.	Vendor to confirm			
2.15.9	Coolant pump & motor details for all variants of coolant system are to be submitted with the offer.	Vendor to submit			
2.15.10	The coolant tank should be fitted with skimmer for regular cleaning of coolant from contamination with tramp oil.	Required.			
2.16	ELECTRICAL SYSTEM :				
2.16.1	415V with fluctuation $\pm 10\%$ / $\pm 10\%$, 50HZ with fluctuation $\pm 3\%$, 3 Phase AC (3 wire system without neutral) Power Supply Source will be provided by BHEL at a single point near the machine, as per layout recommended by Vendor. All types of cables, connections, circuit breakers etc. required for connecting BHEL's power supply point to different parts of the machine/ control cabinets, etc., shall be the responsibility of vendor. Requirement of grounding/ earthing with required material details is to be informed by vendor well in advance so that same could be incorporated during construction of foundation. The vendor can also plan to take earthing connection from the nearest column of the production shop.	Vendor to confirm & specify			
2.16.2	Tropicalisation: All electrical/ electronic equipment shall be tropicalized.	Vendor to confirm			
2.16.3	All electrical & electronic control cabinets & panels should be dust and vermin proof.	Vendor to confirm			
2.16.4	All electrical components in the cabinets should be mounted on DIN Rail	Vendor to confirm			
2.16.5	All electrical and electronic panels including operator's panel should have provision of sufficient illumination and power receptacles of 220Volts, 5/15 Amp AC. All adapters/ receptacles should have compatibility with Indian equivalents.	Vendor to confirm			
2.16.6	Motors shall conform to IEC or Indian Standards	Vendor to confirm			
2.16.7	All cables moving with traversing axes should be installed in Caterpillar/ Drag chain. Additionally, all the cable trays required for laying of cables should be included in the offer.	Vendor to confirm			
2.16.8	Vendor should ensure the proper earthing for the machine and its peripherals.	Vendor to confirm			
2.16.9	In-cycle hour counter with reset facility is to be included in the offer.	Vendor to offer			
2.17	SAFETY ARRANGEMENTS:	Vendor to confirm & specify			




Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
	Following safety features in addition to other standard safety features should be provided on the machine:				
2.17.1	Machine should have adequate and reliable safety interlocks / devices to avoid damage to the machine, workpiece and the operator due to the malfunctioning or mistakes. Machine functions should be continuously monitored and alarm / warning indications through lights/ alarm number with messages (on CNC display and panels) should be available.	Vendor to confirm			
2.17.2	A detailed list of all alarms / indications provided on machine should be submitted by the supplier.	Vendor to confirm			
2.17.3	All the pipes, cables etc. on the machine should be well supported and protected.	Vendor to confirm			
2.17.4	All the rotating parts used on machine should be statically & dynamically balanced to avoid undue vibrations.	Vendor to confirm			
2.17.5	Emergency Switches at suitable locations as per International Norms are to be provided.	Vendor to confirm			
2.17.6	Oil & water pipe lines should not run with electrical cable in the same tray / trench.	Vendor to confirm			
2.17.7	Safety Lights on moving column (preferably Flashing during X-travel).	Vendor to confirm & offer			
		Vendor to confirm			
2.18	ENVIRONMENTAL PERFORMANCE OF THE MACHINE:				
	The Machine shall conform to following factors related to environment :				
2.18.1	Maximum noise level shall be 85 dB(A) at normal load condition, 1 M away from the machine with correction factor for back ground noise, if necessary. This will be measured as per international standards like DIN 45635-16, Supplier to demonstrate compliance to noise level, if so required.	Vendor to confirm			
2.18.2	There shall not be any emissions from the machine except fumes of cutting fluid during machining.	Vendor to confirm			
2.18.3	There should not be any effluent from the machine. In case there are any effluents from the machine, requisite effluent treatment plant or pollution control device should be built into the machine by the supplier.	Vendor to confirm			
2.18.4	No hazardous chemicals shall be required to be used in the machine.	Vendor to confirm			
2.18.5	If any safety / environmental protection enclosure is required it should be built in the machine by the vendor.	Vendor to confirm			
2.18.6	Paint of the machine should be oil / coolant resistant and should not peel off and mix up with coolant.	Vendor to confirm			
2.19	CONSTRUCTION:				





Sl. No.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
2.19.1	Vendor to furnish details of material, hardness & constructional details, including explanatory drawings, of various Components/ Assemblies like Column, bed, Head Stock, Ram, Spindle, Rotary Table etc. of the machine.	Vendor to submit			
2.19.2	Hard copy explaining the technical features/ Literature with photographs, drawings explaining the technical features should be enclosed with the offer.	Vendor to submit			
2.19.3	Automatic deflection compensation for ram and column effective at any extension of the ram plus spindle is to be provided taking into consideration weight of all possible cutters/ attachments offered. Details of the offered system should be submitted with offer.	Vendor to confirm and submit			
2.19.4	Head Stock and Column Counterbalancing System. (Details of the offered system to be submitted)	Vendor to submit			
3.00	CHIP CONVEYOR :				
3.01	A chip conveyor to carry both short and curly chips efficiently and effectively to the chip bin to be provided on one end of the machine . Two Chips bins of appropriate size of Indian make, with wheels & handle for movement, should also be supplied	Vendor to confirm			
3.02	Type of chip conveyor (Hinged Slat type)	Slat type			
3.03	Width of conveyor	Vendor to specify			
3.04	Elevation of chip conveyor for chip bin	Vendor to specify			
3.05	Material of chip conveyor (to be rust resistant)	Vendor to specify			
3.06	Provision for smooth flow of chips to the conveyor.	Vendor to confirm			
3.07	Operation of chip conveyor (forward & reverse) through push buttons on operator's panel.	Vendor to confirm			
3.08	Layout showing location of chip conveyor to be submitted.	Vendor to submit			
4.00	SERVO VOLTAGE STABILIZER:				
4.01	Indian make Oil/ Air Cooled servo Controlled Voltage Stabilizer suitable for complete machine, its drives, controls, PLC etc. with no undesirable Harmonics in the stabiliser output.	Vendor to offer with details			
4.02	Make (To be specified by indenter as per the practice of units.)	NEEL, Apla or Auto Electric			
4.03	Model & Rating	Vendor to specify			
4.04	Following Spares for the Voltage Stabiliser should also be offered. 1.) Control Cards - 01 Set 2.) Monitoring PCBs - 01 Set 3.) Servo Motor - 01 Set	Vendor to specify			
4.05	Catalogue of the Voltage Stabiliser shall be submitted with the offer.	Vendor to submit			

SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
5.00	ULTRA ISOLATION TRANSFORMER				
5.01	Indian make Ultra Isolation Transformer suitable for complete machine , its drives, controls, PLC etc. shall be offered with complete details.	Vendor to offer			
5.02	Make (To be specified by indenter as per the practice of units.)	NEEL, Aplab or Auto Electric			
5.03	Model and Rating	Vendor to specify			
5.04	Catalogue of the Isolation Transformer shall be submitted with the offer.	Vendor to submit			
6.00	PNEUMATIC SYSTEM:				
6.01	AIR COMPRESSOR:				
6.01.1	Independent Air Compressor (of reputed Indian make: Elgi or Ingersol Rand), Screw Type, with refrigerated type Dryer & Filter of suitable capacity for the total compressed air requirements of the machine & accessories and to suit required air quality should be supplied. The system should be so designed to have additional provision and required accessories before Refrigerated type Air Dryer so that BHEL compressed air supply having pressure 5 Kg/sq.cm could be used as and when required. The compressor unit should be suitable for continuous duty operation.	Vendor to offer with details.			
6.01.2	Make & Model of Air Compressor.	Vendor to specify			
6.01.3	Make & Model of Refrigerator type Dryer.	Vendor to specify			
6.01.4	Capacity (Flow, Pressure & KW)	Vendor to specify			
6.01.5	Spare parts for offered Air Compressor & Dryer as listed below: 1.) Air Filter - 06 Nos. 2.) Oil Filter - 15 Nos. 3.) Oil - 50 Ltrs. 4.) Air - Oil Separator Element - 06 Nos. 5.) Belt - 04 Nos. 6.) Flexible Hose Kit - 01 Set Air line filter - 06 Nos.	Vendor to offer			
6.02	COMPRESSED AIR POINTS:				
6.02.1	Compressed Air Point with manual ON/ OFF Valve and flexible pipe of suitable length for work piece cleaning.	Vendor to confirm			
6.02.2	Vendor to offer one spare air gun	Vendor to confirm			
7.00	FAULT DIAGNOSTIC SYSTEM:				






Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
7.0.1	Supplier's own diagnostic system with required Software and Hardware installed on the CNC system, which shows detailed cause and remedy for the fault on the CNC system display with diagnostics (including images/Electrical circuit drawing) indicating the element /device name causing the fault. Vendor to offer a Programming device with at least Intel Core i7 13th Gen or higher processor, base speed 2.5GHz or more, 32GB DDR5 (2X16GB) RAM, 1TB SSD, 15" Full HD display, Windows 11 Pro 64-bit, and an NVIDIA RTX 2000 Ada 8GB Graphics Card. The supplied programming device/laptop should be loaded with all the licensed software required to connect with any supplied PLC, HMI, Servo drives and CNC for diagnostic, commissioning(if need to be replaced in future) and maintenance purpose(along with software installation file in a Hardisk/CD). All necessary cables for commissioning and maintenance of supplied PLC, HMI, Servo drives and CNC for diagnostic, purpose deemed necessary by BHEL, PC/MCIA card/ Adaptor required to be included in offer. The supplied programming device/laptop should be loaded with complete Electrical Schemes, Mechanical Assembly drawings, Hydraulic Circuit Diagrams, Operation and Maintenance Manuals, Special procedures required for restoration and operation of AAC/Attachments, Machine Alarm list along with Help text wiring diagram, On-Line display of PLC user should be available on the note book PC. All the necessary backups of supplied CNC system, Servo & spindle Drives, PLC program, PC/MCIA card backup should be provided in a separate SSD. Necessary softwares installed on programming device.(along with software installation file in a Hardisk/CD).	Vendor to offer & submit			
7.0.2		Vendor to offer & submit			
7.0.3	Provision of OEM Screen with soft keys enabling the service personnel to bring back the tool carriers of the AAC to its initial/nearest position in case of interruption of tool carrier's positioning cycle due to alarm on the machine or power failure. With this OEM screen, service personnel should be able to perform individual steps of Tool carriers positioning cycle manually. Separate Hand Held Pendant should also be provided to retrieve the tool carrier to its initial position.	Vendor to offer			
7.0.4	Machine should have provision to switch from direct position feedback system to indirect position feedback system (built in motor encoder) through PLC/ Custom screen, which is required for service purpose only. Customized screen for status of machine axes (Lubrication timer, Spindle bearing temperature), Selection of table (ON/OFF), entering manual feed rate for individual axis and spindle RPM. Screen showing all input output of the machines along with details of elements. All existing screen should also be recreated in the newly installed system.	Vendor to offer			
7.0.5	Vendor shall provide all tool and tackles required for CNC maintenance like Clamp meter, Multimeter, Socket Set etc.	Vendor to offer			

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Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
7.0.6	Alarms and message should be displayed on CNC along with full remedial description through help guide loaded for system and user defined alarms & messages. PLC alarms & messages should include the device number and/or the operand.	Vendor to offer			
7.0.7	The Input and output module should have LED indications for each digital I/O.All PLC outputs to be routed through Channel fusible Relay boards to machine.	Vendor to offer			
7.0.8	Laser calibration of all axes, generation and feeding of bi-directional compensation data for measuring system, pitch error and backlash to achieve best possible results from a reputed agency having valid calibration certificate for instruments. Alignment of Attachment Holder should be done as per the machine.	Vendor to offer			
7.0.9	All the panels, junction boxes, devices should have nomenclature and individual laminated wires ferruled as per the electrical schematics. Long lasting nameplates viz. Laser etched etc. shall be fixed on each component as well as on the walls of panels etc. to indicate permanent location of the component.	Vendor to offer			
8.00	LEVELING & ANCHORING SYSTEM	Required.			
8.01	Complete anchoring system including foundation bolts, anchoring materials, fixators, leveling shoes etc shall be supplied for the Machine, Rotary Table, Floor Plates etc.	Vendor to offer and submit details.			
9.00	TOOLS FOR ERECTION, OPERATION & MAINTENANCE :				
9.01	Special tools and equipment required for erection of the machine shall be brought by the vendor. Necessary tools like Torque Wrench, Spanners, Keys, grease guns, and any other special purpose tool etc.for operation and maintenance of the machine should be supplied. List of such tools should be submitted with offer.	Vendor to confirm & submit details			
9.02	Special Tools/fixtures required to check & align the accuracy of machine shall be supplied.	Vendor to confirm & offer			
9.03	Test mandrel for checking spindle run-out & alignment shall be supplied	Vendor to confirm & offer			
10.00	DIAGNOSTIC SYSTEM:				
10.01	TELE-DIAGNOSTIC SERVICE :				





SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
10.01.01	Tele-diagnostic service should be provided through International telephone lines along with required Hardware / Software package for the supplied CNC system for remote diagnosis and correction of the problems in both CNC System and PLC of the machine. This should be provided free of charge for the guarantee period. Terms and conditions for the service after guarantee period should be informed by vendor. Subsequently, it should be possible to use other platforms, such as Internet or ISDN, subject to their availability in future.	Vendor to offer with details.			
	11.00 ACCESSORIES:				
	11.01 AUTOMATIC ATTACHMENT CHANGER (AAC):				
11.01.1	The automatic attachment changer (AAC) shall be suitable for automatic loading / unloading of all offered attachment/accessories.	Vendor to confirm			
11.01.2	No. of storage positions (Matching with number of offered attachments)	Vendor to confirm			
11.01.3	Location of the attachment changer	Suitably positioned at the end of X+ (plus) Traverse			
11.01.4	Mounting plates as required for attachments should be supplied.	Vendor to confirm			
11.01.5	Maximum Permissible Weight on each Position.	Vendor to specify			
11.01.6	Maximum Permissible Weight on Complete AAC.	Vendor to specify			
11.01.7	Additional Longitudinal Traverse of X-axis required to accommodate and use of AAC beyond the specified X-axis traverse (Sl. No. 2.3.1) shall be separately offered by the vendor.	Vendor to specify			
11.01.8	Suitable Software based/ Manual key based arrangement should be provided to extract an Attachment trapped in the AAC cycle. Details of both the system to be provided along with the offer.	Vendor to offer			
11.02	CNC PROGRAMMABLE ANGULAR MILLING HEAD/ RIGHT ANGLE MILLING HEAD:				
11.02.1	Power	60 kw or more			
11.02.2	Max torque	Vendor to inform			
11.02.3	Speed Range (Infinitely Variable)	same as spindle			
11.02.4	Speed ratio (1:1 between spindle of Machine and Head)	Vendor to confirm			
11.02.5	Spindle taper	BT50			
11.02.6	Traverse Range of C-axis	360 deg.			
11.02.7	Resolution of C-axis.	1 deg.			
11.02.8	Power-Torque-Speed characteristic diagram to be submitted	Vendor to submit			
11.02.9	Wt. of the head	Vendor to inform			
11.02.10	Coolant system: Internal (thru spindle) & External coolant with requisite flexible pipes on its snout is to be provided.	Vendor to confirm			

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SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
11.02.11	Pull Stud for mounting the Head and for mounting the Tools in the taper of the Head shall be supplied by the vendor.	Vendor to confirm			
11.02.12	Make & Model of Head including drawing/sketch/catalogue pages showing major dimensions of the Head to be submitted with the offer.	Vendor to submit			
11.02.13	The offered milling head should be fully programmable in all aspects and should be fully customized to carryout machining (drilling, Boring, Circular interpolation with cutter compensation, Tapping, thread milling etc.) at different angular positions with reference to existing work offset.	Vendor to confirm			
11.03	CNC PROGRAMMABLE INDEXING UNIVERSAL MILLING HEAD:				
11.03.1	Power	30 KW or more			
11.03.2	Max torque	Vendor to specify			
11.03.3	Speed Range (Infinitely Variable)	Same as spindle			
11.03.4	Speed ratio (1:1 between spindle of Machine and Head)	vendor to confirm			
11.03.5	Spindle taper	BT50			
11.03.6	Traverse Range of A-axis	(+/-) 95 deg			
11.03.7	Resolution of A-axis	0.001 deg.			
11.03.8	Rotation of C-axis	360 deg			
11.03.9	Resolution of C-axis	0.001 deg.			
11.03.10	Torque-Power-Speed characteristic diagram to be submitted.	Vendor to submit			
11.03.11	Weight of the head	Vendor to inform			
11.03.12	Coolant system: Internal (thru spindle) & External coolant with requisite flexible pipes on its snout is to be provided.	Vendor to confirm			
11.03.13	Pull Stud for mounting the Head and for mounting the Tools in the taper of the Head shall be supplied by the vendor.	Vendor to confirm			
11.03.14	Make & Model of Head including drawing/sketch/catalogue pages showing major dimensions of the Head to be submitted with the offer.	Vendor to submit			
11.03.15	Customised cycles to be provided so that programmable Universal Milling Head is suitable for drilling at compound angle and the same should be demonstrated in the proveout component test piece.	Vendor to confirm & submit			
11.03.16	The offered universal milling head should be fully programmable in all aspects and should be fully customized to carryout machining (drilling, Boring, Circular interpolation with cutter compensation, Tapping, thread milling etc.) at different angular positions with reference to existing work offset.	Vendor to confirm & submit			
11.04	SPECIAL CNC PROGRAMMABLE ANGULAR MILLING HEAD/ RIGHT ANGLE MILLING HEAD:	As offered & agreed			
11.04.1	Power	35 KW or more			
11.04.2	Max torque	Vendor to specify			







SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
11.04.3	Speed Range (Infinitely Variable)	Same as spindle			
11.04.4	Speed ratio (1:1 between spindle of Machine and Head)	vendor to confirm			
11.04.5	Spindle taper	BT50			
11.04.6	Traverse Range of C-axis	360 deg			
11.04.7	Resolution of C-axis	1 deg.			
11.04.8	Power-Torque-Speed characteristic diagram	Vendor to submit			
11.04.9	Wt. of the head	Vendor to inform			
11.04.10	Length of Milling Head : The length of the special milling head should be such that the tool axis should cross the table center by atleast 200 mm if the table is drawn fully towards the column of the machine.	Vendor to confirm			
11.04.11	Coolant system: Internal (thru spindle) & External coolant with requisite flexible pipes on its snout is to be provided.	Vendor to confirm			
11.04.12	Pull Stud for mounting the Head and for mounting the Tools in the taper of the Head shall be supplied by the vendor.	Vendor to confirm			
11.04.13	Make & Model of Head including drawing/sketch/catalogue pages showing major dimensions of the Head to be submitted with the offer.	Vendor to submit			
11.04.14	The offered milling head should be fully programmable in all aspects and should be fully customized to carryout machining (drilling, Boring, Circular interpolation with cutter compensation, Tapping, thread milling etc.) at different angular positions with reference to existing work offset.				
11.05	EXTENSION BORING AND MILLING HEAD				
11.05.1	Body dia	As offered & agreed			
11.05.2	Max torque	160 mm			
11.05.3	Speed Range (Infinitely Variable)	Vendor to specify			
11.05.4	Speed ratio (1:1 between spindle of Machine and Head)	Same as spindle			
11.05.5	Spindle taper	vendor to confirm			
11.05.6	Wt. of the head	BT50			
11.05.7	Working Length of Extension Milling Head : Atleast 1000 mm (with dia 160 mm)	Vendor to inform			
11.05.8	Coolant system: Internal (thru spindle) & External coolant with requisite flexible pipes on its snout is to be provided.	Vendor to confirm			
11.05.9	Pull Stud for mounting the Head and for mounting the Tools in the taper of the Head shall be supplied by the vendor.	Vendor to confirm			
11.05.10	Make & Model of Head including drawing/sketch/catalogue pages showing major dimensions of the Head to be submitted with the offer.	Vendor to submit			


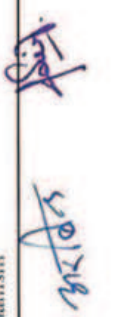

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Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
11.06	SPECIAL BORING AND FACING HEAD (Body Dia. 360mm Approx.)				
11.06.1	Model No: Preferably D' Andrea UT3-360S or equivalent	Vendor to specify			
11.06.2	Head body diameter :	320-360mm			
11.06.4	Max. Boring dia :	670mm			
11.06.5	Max. Boring depth (With Tool.) :	2000mm			
11.06.7	Max. Facing dia :	800mm			
11.06.8	Max. Speed : 300rpm	300rpm			
11.06.9	Tool slide stroke :	120mm			
11.06.10	Slide feed rate	1-400mm/ min			
11.06.11	Max. Boring depth : 2000 with Tool	Vendor to specify			
11.06.12	Accuracy of Bore Size (Bore Tolerance), Surface Finish of bores and Facial and Radial Run outs : H7, 1.6 microns Ra, (Facial) 0.010 and (Radial) 0.020mm respectively	Complied			
11.06.15	Maximum torque	4000Nm			
11.06.16	Maximum cutting force in boring	4000N			
11.06.17	Maximum cutting force in facing	4000N			
11.06.18	Slide Counter Balance mechanism details	As offered & agreed			
11.06.19	Complete set of standard Tool Holders and Tools, to be used with the offered Head. Any special arrangement offered to meet the specified requirement of Boring range. Top mounting extension/tool heads like MR/TU/ in sufficient numbers with at least one adaptor for every Boring Tool/ Cartridge used in the prove out components	Vendor to Offer			
11.06.20	Catalogue of the offered Head.	As offered & agreed			
11.06.21	Coolant system: External coolant with requisite flexible pipes on its snout is to be provided. The arrangement for its supply may be made through the coolant supply system available on the Head Stock.	As offered & agreed			
11.06.22	Details of the Boring head alongwith its drawing/sketch.	As Submitted			
11.07	SPECIAL BORING AND FACING HEAD (Body Dia. 500mm Approx.)	Vendor to confirm			
11.07.1	Model No: Preferably Heavy Duty version of D' Andrea UT5-500 or equivalent	Vendor to specify			
11.07.2	Head body diameter	500mm			
11.07.4	Max. Boring dia	850mm			
11.07.5	Max. Boring depth. (With Tool.)	2400mm			
11.07.7	Max. Facing dia	1000mm			
11.07.8	Max. speed	200rpm			
11.07.9	Tool slide stroke	160mm Approx.			
11.07.10	Slide feed rate	Vendor to submit			
11.07.11	Max. Boring depth : 2000 with Tool	Vendor to specify			

Sl. No.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
11.07.12	Accuracy of Bore Size (Bore Tolerance), Surface Finish of bores and Facial and Radial Run outs.	H7, 1.6 microns Ra, (Facial) 0.010 and (Radial) 0.020mm respectively.			
11.07.13	Diameter range for machining external diameter indicating max. depth	Vendor to submit			
11.07.14	Machining range in facing indicating maximum depth.	Vendor to submit			
11.07.15	Maximum torque	Vendor to submit			
11.07.16	Maximum cutting force in boring	Vendor to submit			
11.07.17	Maximum cutting force in facing	Vendor to submit			
11.07.18	Slide Counter Balance mechanism details	Vendor to submit			
11.07.19	Item wise details of complete set of standard Tool Holders and Tools, to be used with the offered Head, are to be submitted with the offer. Complete details of any special arrangement offered to meet the specified requirement of Boring	Vendor to offer			
11.07.20	Catalogue of the offered Head is to be submitted with the offer.	Vendor to submit			
11.07.21	Coolant system: External coolant with requisite flexible pipes on its snout is to be provided. The arrangement for its supply may be made through the coolant supply system available on the Head Stock.	Vendor to submit			
11.07.22	Details of the Boring head alongwith its drawing/sketch are to be submitted.	Vendor to submit			
11.08	CNC BORING & FACING HEAD: (Body Dia 1000 mm)				
11.08.1	Model No: Preferably Heavy Duty version of D' Andrea UT8-1000 or equivalent	Vendor to offer			
11.08.2	Head body diameter	1000 mm			
11.08.3	Speed Range	0-160 rpm			
11.08.4	Radial axis independent positioning	Vendor to confirm			
11.08.5	Slide stroke	350 mm			
11.08.6	Slide feed rate	1-500 mm/min			
11.08.7	Machining range in Boring for internal diameter	D1600 mm			
11.08.8	Accuracy of Bore Size (Bore Tolerance), Surface Finish of bores and Facial and Radial Run outs.	H7, 1.6 microns Ra, (Facial) 0.030 and (Radial) 0.030mm respectively.			
11.08.9	Machining range in facing indicating maximum depth.	D2500 x 160 mm depth			
11.08.10	Maximum boring depth without entry of Boring Head.	860			
11.08.11	Maximum torque	Vendor to inform			
11.08.12	Maximum cutting force in boring	Vendor to inform			

SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
11.08.13	Maximum cutting force in facing	Vendor to inform			
11.08.14	Slide Counter Balance mechanism	Vendor to inform			
11.08.15	Item wise details of complete set of standard Tool Holders and Tools, available with the offered Head, are to be submitted with the offer. Complete details of any special arrangement offered to meet the specified requirement of Boring range are also to be submitted.	Vendor to inform			
11.08.16	Details of the Boring head alongwith its drawing/sketch / Catalogue pages of the offered Head is to be submitted with the offer.	Vendor to submit			
11.08.17	Coolant system: External coolant with requisite flexible pipes on its snout is to be provided. The arrangement for its supply may be made through the coolant supply system available on the Head Stock.	Vendor to offer and submit			
11.09	SPECIAL CNC BORING AND FACING HEAD MOUNTED ON RIGHT ANGLE HEAD				
11.09.1	Vendor to offer a special attachment consisting of a Boring & Facing Head (Preferably Heavy Duty version of D' Andrea UT8-1000 or equivalent) mounted upon an indexable Right Angle Head. The offered attachment to be mounted on Machine RAM for performing Boring Operations in different planes.	Vendor to confirm & Offer			
11.09.2	RAM Extension with attachment mounted upon it.	1000 mm or more			
11.09.3	Head body diameter	1000 mm			
11.09.4	Speed Range	0-160 rpm			
11.09.5	Radial axis independent positioning	Vendor to confirm			
11.09.6	Slide stroke	350 mm			
11.09.7	Slide feed rate	1-500 mm/min			
11.09.8	Machining range in Boring for internal diameter	1600 mm			
11.09.9	Accuracy of Bore Size (Bore Tolerance), Surface Finish of bores and Facial and Radial Run outs.	H7, 1.6 microns Ra, (Facial) 0.030 and (Radial) 0.030mm respectively.			
11.09.10	Machining range in facing indicating maximum depth.	D2500 x 160 mm depth			
11.09.11	Maximum boring depth without entry of Boring Head.	Vendor to inform			
11.09.12	Maximum torque	Vendor to inform			
11.09.13	Maximum cutting force in boring	Vendor to inform			
11.09.14	Maximum cutting force in facing	Vendor to inform			
11.09.15	Slide Counter Balance mechanism	Vendor to inform			

Sl. No.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
11.09.16	Item wise details of complete set of standard Tool Holders and Tools, available with the offered Head, are to be submitted with the offer. Complete details of any special arrangement offered to meet the specified requirement of Boring range are also to be submitted.	Vendor to inform			
11.09.17	Details of the Boring head alongwith its drawing/sketch / Catalogue pages of the offered Head is to be submitted with the offer.	Vendor to submit			
11.09.18	Coolant system: External coolant with requisite flexible pipes on its snout is to be provided. The arrangement for its supply may be made through the coolant supply system available on the Head Stock.	Vendor to offer and submit			
11.09.19	Power of attachment suitable for performing Boring & Facing operations as per S.No	Vendor to inform			
11.09.20	Max torque	Vendor to specify			
11.09.21	Speed Range (Infinitely Variable)	Vendor to specify			
11.09.22	Traverse Range of C-axis	360 deg			
11.09.23	Resolution of C-axis	Vendor to specify			
11.09.24	Power-Torque-Speed characteristic diagram	Vendor to submit			
11.09.25	Length of Milling Head :	Vendor to specify			
11.09.26	Coolant system: Internal (thru spindle) & External coolant with requisite flexible pipes on its snout is to be provided.	Vendor to confirm			
11.09.27	Make & Model of Head including drawing/sketch/catalogue pages showing major dimensions of the Head to be submitted with the offer.	Vendor to submit			
11.09.28	The offered milling head should be fully programmable in all aspects and should be fully customized to carryout machining at different angular positions with reference to existing work offset.	Vendor to confirm			
11.09.29	Wt. of the entire attachment (Bring Head- Right Angle Head) to be borne by RAM	Vendor to inform			
12.00	SPARES:				
12.01	Mechanical , Hydraulic & Lubrication System, Electrical and Electronic spares used on the machine are to be recommended and offered by the vendor in sufficient quantity for 2 years trouble free operation of the complete machine including CNC system and its accessories considering three shifts continuous running of the machine. Detailed list is to be submitted.	Vendor to agree, offer & submit details			
12.02	Following spare parts of electrical/electronics and CNC system shall be offered itemwise per machine (if not included in recommended spares):				
12.02.01	CNC Controller/NCU (as used in the machine) module- 1 No.	Vendor to offer			
12.02.02	PLC CPU/PCU, input and output cards- 1 No. each type	Vendor to offer			
12.02.03	Machine Control Panel (MCP)- 1 No.	Vendor to offer			
12.02.04	Limit Switches/ Micro Switches (2 Nos each type)	Vendor to offer			

SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
12.02.05	Relays and fusible relay boards (2 Nos each type)	Vendor to offer			
12.02.06	RTD temperature transmitter (1 No each type)	Vendor to offer			
12.02.07	Proximity Switches (5 Nos each type)	Vendor to offer			
12.02.08	Semiconductor Fuses (5 Nos each type)	Vendor to offer			
12.02.09	Special Fuses/Glass fuses (5 Nos each type)	Vendor to offer			
12.02.10	Main Power Switch (1 No each type)	Vendor to offer			
12.02.11	Secondary Encoders & connecting cables (1 No each type)	Vendor to offer			
12.02.12	Scanning Heads for Linear Scales (1 No each type)	Vendor to offer			
12.02.13	Wave shape unit/ EXE unit (if used) (1 No each type)	Vendor to offer			
12.02.14	Operator's panel with Display Unit (01 No. each type)	Vendor to offer			
12.02.15	Power Module / Servo amplifier & Control Cards for Main Drive as well as Feed Drives (1 Nos each type)	Vendor to offer			
12.02.16	Power cable and encoder cable (01 no. each type)	Vendor to offer			
12.02.17	One each of the following items : CNC Power Supply, Interface Modules, Hand Held Unit, Any other auxiliary drive , if used,	Vendor to offer			
12.02.18	UPS Module for CNC System safe shutdown-1 No.	Vendor to offer			
12.02.19	Line Filter and Line Choke Module-1 No.	Vendor to offer			
12.02.20	Proportional Control Valve Controller 2 Nos, each type (if applicable)	Vendor to offer			
12.02.21	Push Buttons- 5 No. each type	Vendor to offer			
12.02.22	Indicating Lamp- 10 Nos each type	Vendor to offer			
12.02.23	Contactors- 2 Nos. each type	Vendor to offer			
12.02.24	Overloads/ Automats- 1 No. each type	Vendor to offer			
12.02.25	Machine Status Indicating Lamp (Complete unit) - 1 No	Vendor to offer			
12.02.26	Any special purpose / non-standard card - 01 No. each type	Vendor to offer			
12.02.27	Encoders, limit switches, proximity switches, reed switch, optical sensors used in attachments/head/AAC- 1 no. each type	Vendor to offer			
12.02.28	All types of spares for total machine and accessories should be available for at least ten years after supply of the machine. If machine or control is likely to become obsolete in this period, the vendor should inform BHEL, sufficiently in advance and provide drawings of parts/ details of spares & suppliers to enable BHEL, to procure these in advance, if required.	Vendor to confirm			
12.02.29	Repair service contract with supplier of CNC system for service & spares for motor drives, CNC Unit and Milling Spindle should also be offered by the vendor.	Vendor to offer			
12.02.30	Vendor to confirm that complete list of spares for machine and accessories, along with specification / type / model, and name & address of the spare supplier shall be furnished along with documentation to be supplied with the machine. Vendor to also confirm that documentation shall include list of all type of parts used along with specifications, type, model, quantity etc.	Vendor to confirm			

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Sl. No.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
12.03	Mechanical , Hydraulic & Lubrication System Spares for 2 years trouble free operation of the complete machine (if not included in recommended spares offered by the vendor). Detailed list is to be submitted.				
12.03.01	Set of Gears for All the attachments used on the machine- 1 set of each type	Vendor to offer			
12.03.02	All pumps (one of each type) including Hydrostatic, Hydraulic, lubrication and coolant circuit pumps & oil cooling pumps in the oil chilling units.	Vendor to offer			
12.03.03	All types of valves (2 Nos of each type) including D.C. control valves, Relieve valves, Reducing valves, Check valves, Flow control valves, Proportionate valves, pressure regulators, pressure reducer valves used in Hydrostatic, Hydraulic, lubrication, coolant, pneumatic circuit of the machine.	Vendor to offer			
12.03.04	All types of pressure switches, flow switches and float switches, level indicator used in used in Hydrostatic, Hydraulic, lubrication, coolant, pneumatic circuit of the machine. (2 no. each type)	Vendor to offer			
12.03.05	Hoses with crimp fittings used in Hydrostatic, Hydraulic, lubrication, coolant, pneumatic circuit of the machine.- one set of each type.	Vendor to offer			
12.03.06	Set of seals & O rings for all the installed Hydraulic Pistons, Shafts, balancing clamping cylinders, Pneumatic cylinders (2 Nos each type)	Vendor to offer			
12.03.07	Metering valves/progressive lubrication system blocks & seals	Vendor to offer			
12.03.08	All types of regenerative type filter inserts (5 No. of each type)	Vendor to offer			
12.03.09	All types of Disposable type filter inserts (10 nos. of each type)	Vendor to offer			
12.03.10	Set of all type of belts (including timing belts) (1 no. each type) 1. For Spindle 2. For all the Head/Attachments. 3. Axes (X,Y,Z,V,B & W)	Vendor to offer			
12.03.11	Accumulator with charging kit if the same is used in the M/c (1 no each type). Booster kit is required if charging pressure is more than 80 bar.	Vendor to offer			
12.03.12	All types of pneumatic valves used on machine (1 no. of each type)	Vendor to offer			
12.03.13	All couplings (with spiders)/pressure sleeves including hydraulic, hydrostatic, lubrication pump couplings etc.(2 nos. of each type)	Vendor to offer			
12.03.14	Spindle Taper Cone. (1 No.)	Vendor to offer			
12.03.15	5 meter length of Chip Conveyor Chain.	Vendor to offer			
12.03.16	Rotary Coupling Machine's main Spindle (1 no.) Heads/attachments (1 no. for each).	Vendor to offer			
12.03.17	All Air Compressor spares to be provided along with the machine. The spares provided should facilitate trouble free operation of the unit for two years.	Vendor to offer			
12.03.18	Vendor shall provide all tool and tackles required for maintenance of the machine like Allen keys, Spanners, Torque Wrench, Special purpose tool etc.	Vendor to offer			
12.03.19	Special Oil/ Grease/ Cooling Agent (if any)- Sufficient qty. for 1 year (operation on 3 shift basis) along with grease Gun.	Vendor to offer			

SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
12.03.20	Recommended Spares for 2 years for all attachments as mentioned in sl no. 11.2 to 11.6. Vendor to provide the list of offered spares.	Vendor to offer			
12.03.21	Recommended Spares for 2 years for AAC. Vendor to provide the list of offered spares.	Vendor to offer			
12.03.22	Any other recommended spare part essential for 2 years 3 shift trouble free working of machine should also be quoted with item wise price, specification and source of supply.	Vendor to offer			
12.03.23	Air Conditioning Spares for 2 years (on three shift basis; As applicable on machine) of trouble free operation of the all type of Panel Air Conditioners and refrigerant based Chiller Units.	Vendor to agree			
12.03.24	Refrigerant Compressor (1 no. for each type)	Vendor to offer			
12.03.25	Digital Temperature Controller (1 no. for each type)	Vendor to offer			
12.03.26	Condenser Fan (1 no. for each type)	Vendor to offer			
12.03.27	Evaporator Fan for Panel/ Cabinet AC (1 no. for each type)	Vendor to offer			
12.03.28	Pumps used in Chiller Unit (1 no. each type).	Vendor to offer			
12.03.29	Refrigerant Expansion Valve (1 no. for each type)	Vendor to offer			
12.03.30	Spindle Bearings (1 set)	Vendor to offer			
12.03.31	Rotary Table Bearing (1 set)	Vendor to offer			
12.03.32	Spindle bearings (1 set) for each of the following. 1. Orthogonal head 2. Long orthogonal head 3. Dandrea heads or Equivalent	Vendor to offer			
12.03.33	Precision Mandrels (1 each) for geometry of main spindle and heads/Attachments.	Vendor to offer			
12.03.34	Tool Collet - 1 no. for Spindle Tool collet - 1 no. each for all head/attachment [orthogonal and long milling head]	Vendor to offer			
12.03.35	Cradle or Attachment handling facility to be supplied for unmounting the head/attachment for maintenance activities.	Vendor to offer			
12.03.36	End bearings for each ball screw (1 set)	Vendor to offer			
12.03.37	Capillary with end fittings (1 set of each type).	Vendor to offer			
12.03.38	Pneumatic type diaphragm pump for oil and coolant handling (1 no.)	Vendor to offer			
12.03.39	Pressure Gauge & pipe fitted with suitable end connector for pressure monitoring. (1 set)	Vendor to offer			
12.03.40	Semi rigid pipes/Transparent pipes & Pneumatic pipe used on machine (1 set of each type)	Vendor to offer			
12.03.41	Stud couplings between Ram and Head/Attachments (1 set for each Head/Attachments)	Vendor to offer			
12.03.42	Counter balance chain/Sling used on machine (1 set of each type)	Vendor to offer			





SL. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
13.00	DOCUMENTATION : Three sets of following documents (Hard copies with Soft Copies wherever specified) in English language should be supplied along with the machine	Vendor to offer			
13.01	Operating manuals of Machine & CNC system	Vendor to offer			
13.02	Programming Manuals of Machine & CNC system	Vendor to offer			
13.03	Detailed Maintenance manual of machine with all drawings of machine assemblies/sub-assemblies/parts including Electrical / Pneumatic/ Coolant / Hydraulic circuit diagrams. All Assembly/ Sub Assembly Drawings shall be supplied with the part list also.	Vendor to offer			
13.04	Detailed procedure for the maintenance of critical assemblies to be included separately in the documentation.	Vendor to offer			
13.05	Detailed procedure for Zero setting in case of cycle disturbance/Interruptions of Head/Attachments (Orthogonal, Long Orthogonal and Universal type)	Vendor to offer			
13.06	Detail document for all the Epicyclic gear trains used on machine.	Vendor to offer			
13.07	Maintenance, Interface & commissioning manuals for CNC system, spindle & feed drives.	Vendor to offer			
13.08	Manufacturing drawings for all supplied clamping elements, cutting tools, tool holders, arbors, boring bars, coolant connections, adapters, sleeves, fixtures etc.	Vendor to offer			
13.09	Catalogues, Operation & Maintenance Manuals of all bought out items including drawings, wherever applicable.	Vendor to offer			
13.10	Detailed specification of all rubber items and hydraulic/lube fittings	Vendor to offer			
13.11	Operating Manuals, Maintenance Manuals & Catalogues for supplied Automatic Tool offset & Job measuring system, Voltage Stabilizer, Isolation Transformer, Air-Compressor and all supplied Accessories.	Vendor to offer			
13.12	User Program print-outs (hard copy) with comments in English for PLC of main machine and auxiliary systems (if used) alongwith cross reference list and Input/Output list.	Vendor to offer			
13.13	PLC program, NC data & PLC data on CD.	Vendor to offer			
13.14	Complete back-up of PCU-50 or equivalent (in case of Fanuc) hard disk on GHOST CD and clearly written Instructions to take back-up and reloading on a new hard disk.	Vendor to offer			
13.15	Complete list of parts/items/ Bill of materials) used in the machine in English language.	Vendor to offer			
13.16	Electrical Schematic Diagrams, Wiring Diagrams, Junction Box Layouts, Connector Diagrams and Cable Layouts of the machine in English.	Vendor to offer			
13.17	Drawings of machine assemblies/sub-assemblies/parts including Pneumatic/ Coolant / Hydraulic circuit diagrams. All Assembly/ Sub Assembly Drawings shall be supplied with the part list marked on it in English.	Vendor to offer			


SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
13.18	One additional set of all the above documentation on CD ROM, wherever possible.	Vendor to offer			
14.00	TRAINING:				
14.01	Four BHEL Persons should be trained at vendor's works for period of 2 Weeks in the following areas each: (a) CNC Programming for the machine & supplied accessories. (b) Electrical, Electronic & CNC maintenance for machine & other supplied equipment. (c) Mechanical & Hydraulic maintenance of the machine & other supplied equipment. (d) Operation of the machine & other supplied equipment. Pre-dispatch inspection of the machine as per S.No 20.01 shall also be carried out by the team during their stay at vendor's works for the training. BHEL reserves the right to choose no. of persons, field & period of training, out of above, while deputing their engineers for training.	Vendor to offer			
14.02	Air-fare, boarding & lodging for the trainees shall be borne by BHEL.	Vendor to confirm			
14.03	Competent, English speaking experts shall be arranged by the vendor during training for satisfactory & effective training of BHEL personnel.	Vendor to confirm			
14.04	Vendor to quote for training on per man/ week basis	Vendor to quote			
15.00	FOUNDATION:				










Sl. No.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
15.01	Vendor shall submit the preliminary layout drawing for getting BHEL's approval within one month from the date of Letter of Intent (LOI) / P.O. Final Layout and complete civil drawings for foundation of machine shall be submitted by the supplier within three months after getting BHEL's approval. The layout should consist of all requirements pertaining to complete machine including space requirement for Voltage Stabilizer, Isolation Transformer, Air compressor, Chip Bin & any other accessories. The civil drawings shall cover complete details of foundation viz. Details of Reinforcement Cement Concrete (RCC) block with its dimension and detailing of reinforcement, grade of concrete, plain Cement Concrete and any other details required as per existing bearing capacity of soil, position and size pockets in top bed of foundation, details of trenches, depression (if any), provision of fixtures, protection mechanism for vibration isolation /settlements. BHEL shall construct complete foundation for the machine under supervision of vendor and at vendor's responsibility. The vendor shall also indicate detailed specifications of grouting compound and Grouting procedure etc. for foundation bolts of the machine. Vendor shall arrange required facilities for the testing of foundation at his own cost (if requirement arises).	Vendor to confirm			
15.02	Soil condition data at BHEL, Hardwar will be given after placement of PO	Vendor to Note			
16.00	ERECTION & COMMISSIONING				
16.01	Supplier to take full responsibility for carrying out the erection, start up, testing of machine, it's control system & all types of other supplied equipment, machining of test pieces etc. and formalities for its experts deployed for E&C (including VISA, travel, boarding, lodging, insurance etc) . Service requirement like power, air & water shall be provided by BHEL at only one point to be indicated by supplier in their foundation/layout drawings. Other requirements like crane and helping personnel shall also be provided by BHEL. Details of these requirements should be informed by vendor in advance. The available crane capacity at the proposed location of the machine will be 150 Ton. The vendor will ensure to make requisite arrangement for lifting of heavier consignment/ items/ assembly of the machine not getting covered by this capacity.	Vendor to confirm			
16.02	Erection & Commissioning of Voltage stabilizer, Isolation Transformer & Air Compressor shall also be responsibility of the vendor.	Vendor to confirm			
16.03	Successful proving of BHEL components by the supplier shall be considered as part of commissioning. All tests, as mentioned at S.No 23 (Machine Acceptance) shall form part of the commissioning activity.	Vendor to confirm			
16.04	Test mandrel for checking run-out/taper & alignment should be supplied	Vendor to confirm			

SL. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
16.05	Tools, Tackles, Test Mandrels, instruments and other necessary equipment including Laser equipment required to carry out all above activities should be brought by the supplier. Special Tools/fixtures required to check & align the accuracy of machine shall be supplied.	Vendor to confirm			
16.06	Commissioning spares, required for commissioning of the machine within stipulated time, shall be brought by the supplier on returnable basis.	Vendor to confirm			
16.07	All Cover Plates required for the machine and its peripherals including pits, if any, shall be supplied and installed by the vendor.	Vendor to confirm			
16.08	The vendor shall supply sufficient quantity of paint of the machine and carry out touching wherever the paint is damaged during transit or erecting of the machine.	Vendor to confirm			
16.09	Schedule of Erection and Commissioning shall be submitted with the offer.	Vendor to submit			
16.10	Charges, duration, terms & conditions for E&C should be furnished in detail separately by vendor along with offer.	Vendor to offer			
17.00	ACCURACY TESTS:				
17.01	GEOMETRICAL ACCURACIES :				
17.01.1	Geometrical Accuracy Tests shall be in accordance with ISO 3070 standard or equivalent applicable standard. Detailed Test Charts for the same, clearly showing the accuracies to be achieved on the machine, shall also be submitted with the offer.	Vendor to confirm			
17.01.2	All the above accuracies to be demonstrated to BHEL engineers during pre-acceptance tests at Suppliers works and during Erection & Commissioning at BHEL Works.	Vendor to confirm			
17.02	MACHINE POSITIONING ACCURACIES & REPEATABILITY: Should be measured as per VDI/ DGQ3441/ ISO 230-2 (Latest Revision) using LASER INTERFEROMETER.	Vendor to confirm			
17.02.1	Positioning uncertainty (Pa per 1000mm) for X,Y,Z,W & V axes	0.010mm			
17.02.2	Positioning uncertainty Pa for B-axis	6 Secs			
17.02.3	Positional scatter (Ps per 1000mm) for X,Y,Z,W & V axes	0.010mm			
17.02.4	Positional scatter Ps for B-axis	6 Secs			
17.02.5	Total positioning error P for entire travel for X,Y,Z,W & V axes	Vendor to specify			
17.02.6	Total positioning error P for B-axis	Vendor to specify			
17.02.7	All the above accuracies to be demonstrated to BHEL engineers during pre-acceptance at Suppliers works and during Erection & Commissioning at BHEL Works.	Vendor to confirm			
18.00	OPERATING CONDITIONS & THERMAL STABILITY :				





Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
18.01	Total machine including CNC system should work trouble free and efficiently under following operating conditions and should give specified accuracies. Power Supply: Voltage: 415 V +/-10%, Frequency: 50 Hz +/- 3%, No. of phases = 3 Ambient Conditions: Temperature = 5 to 45 degree celsius Relative Humidity = 95% max. (Vendor to confirm that machine is suitable for above and details of provisions on the machine for the same are to be furnished by Vendor)	Vendor to confirm			
18.02	Weather conditions are tropical. Atmosphere may be dust laden during some part of the year. Machine shall be kept in the normal shop floor condition. Max. temperature variation is up to 20 deg Celsius in 24 hours. (Vendor to confirm that machine is suitable for above and details of provisions on the machine for the same are to be furnished by Vendor)	Vendor to confirm			
18.03	Thermal Stability of the complete machine keeping in view specified Ambient Conditions and accuracy requirements of BHEL components and trouble free operation of the machine should be ensured by vendor. (Vendor to confirm that machine is suitable for above and details of provisions on the machine for the same should be furnished by Vendor)	Vendor to confirm			
18.04	The machine, including Attachments and Accessories etc., should be suitable for 24 hrs. continuous operation to its full capacity for 24 hour a day and 7 days a week throughout the year. Vendor to ensure and confirm the same.	Vendor to confirm			
19.00	PROVEOUT OF BHEL COMPONENTS :				

Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
19.01.1	<p>In order to get the machine successfully commissioned, one component net henceforth known as "PROVE OUT COMPONENT" as mentioned below shall be machined in BHEL Premises.</p> <p>Complete machining of prove out components shall be done by Vendor at BHEL works to the specified design accuracy and surface finish, using cutting tools and CNC programs to be provided by the vendor to prove the machine after complete erection, tests & test piece machining etc.</p> <p>Material for the proveout components shall be provided by BHEL. Vendor shall submit final job setting plan, machining process plan, tool layout & list with complete description, time study etc. for the proveout machining within two months of placement of order.</p> <p>Machining process plan & Requirement of Tools etc. for machining of proveout components shall be discussed and mutually agreed with vendor</p> <p>The proveout component for this machine shall be Casing, the drawings of which are attached as Annexure 1.</p> <p>(Final proveout component drawing no. may change, however, the machining features of the changed components shall be in line with the original component drawing).</p>	Vendor to offer.			
19.01.2	Vendor shall submit CNC programs prior to start of erection of Machine at BHEL works. Vendor shall be fully responsible for machining of proveout components as per drawing and other requirements specified by BHEL to the full satisfaction of BHEL. Any additional item required for completion of prove out components shall be supplied by the vendor in the specified quantity without any financial implications to BHEL. Clarifications, if any required by vendor, regarding accuracy requirements of the proveout components, whether specified or not, should be discussed and cleared by vendor during initial technical discussions.	Vendor to offer.			
19.01.3	Vendor shall be responsible, financially or otherwise, for any deviation/rejection in proveout component to the extent of cost of Casting/ Forging, due to wrong machining or malfunctioning of the machine during proveout machining and also for the delay in machining due to improper recommended tooling etc.. For such deviation / rejection, commercial condition as informed separately shall be applicable.	Vendor to confirm			
19.02	TOOLINGS:				
19.02.1	TOOLS: Vendor needs to supply complete tooling(cutting tools, tool holders, arbors, boring bars, clamping elements etc..) for machining of the "PROVE OUT COMPONENT".	Vendor to offer and submit			






SL. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
19.02.2	CONSUMABLES: In addition to the identified tooling for PROVE OUT Component Vendor needs to supply Consumables for offered Tools, like inserts, screws etc., for machining of 2 more similar casings in addition to the prove-out casings.				
19.02.3	For all Boring Heads, in addition to standard tools supplied along with Boring heads, one extra set of top mounting tool holders like a. B01/B02/B15 etc or equivalent b. TU/TP or equivalent c. MR or equivalent d. Extensions like PR or equivalent shall also be supplied.				
19.02.4	Preliminary Drawings/Sketches of the offered tools/ tool holders. Vendor to confirm that, in case of order, final Drawings/Sketches for offered items shall be submitted to BHEL after PO.	Vendor to submit & confirm			
20.00	MACHINE ACCEPTANCE: (Tests/Activities TO be Performed by Vendor)	Should be accepted & confirmed by Vendor			
20.01	PDI: Pre dispatch Inspection Tests/Activities to be carried out at supplier's works on the machine before dispatch :	Vendor to confirm			
20.01.1	Geometrical Accuracy Tests as per test chart.	Vendor to confirm			
20.01.2	Positioning Accuracy Tests as per VDI-DGQ/3441	Vendor to confirm			
20.01.3	The machine should be tested for continuous running of 48 hrs. If any break down occurs during this test, the test should be repeated for 48 hrs from that time.	Vendor to confirm			
20.01.4	Demonstration of all features of the machine, CNC system and all Accessories.	Vendor to confirm			
20.01.5	Machining of NAS Test Piece . Vendor to supply test piece and tooling for it's machining.	Vendor to confirm			
20.02	Test to be carried out at BHEL works while commissioning the machine :	Vendor to confirm			
20.02.1	Geometrical Accuracy Tests as per test chart.	Vendor to confirm			
20.02.2	Positioning Accuracy Tests as per VDI-DGQ/3441	Vendor to confirm			
20.02.3	Full load test to demonstrate the maximum power & cutting capacity of the machine.	Vendor to confirm			
20.02.4	The machine should be tested for continuous running of 48 hrs. If any break down occurs during this test, the test should be repeated for 48 hrs from that time.	Vendor to confirm			
20.02.5	Demonstration of all features of the machine, CNC system & all accessories to the satisfaction of BHEL for their efficient and effective use.	Vendor to confirm			

Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
20.02.6	Demonstration by actual use of all supplied attachments and accessories to their full capacity.	Vendor to confirm			
20.02.7	Machining of NAS Test Piece . Vendor to supply test piece and tooling for it's machining.	Vendor to confirm			
20.02.8	Prove out of BHEL components.				
20.02.9	Two weeks supervision of independent operation of machine by BHEL after job proveout.	Vendor to confirm			
20.02.10	Training of BHEL machine operators in operation of complete machine & accessories etc through association of the operator with vendor's expert during commissioning and job proveout during their stay at BHEL works.	Vendor to confirm			
21.00	PACKING:				
21.01	Sea worthy & rigid roadworthy packing for all items of complete machine, CNC System, all Accessories and other supplied items to avoid any damage/loss in transit. When machine is despatched in containers, all small loose items shall be suitably packed in boxes	Vendor to confirm			
22.00	GUARANTEE :				
22.01	24 months from the date of acceptance of the machine.	Vendor to confirm			
23.00	GENERAL : The vendor should submit the following information:				
23.01	Machine Model	Vendor to specify			
23.02	Total connected load (KVA):	Vendor to specify			
23.03	Floor area required (Length, Width, Height) for complete machine & accessories.	Vendor to specify			
23.04	Painting of Machine/ Electrical Panels: RAL 6011 Apple Green (Polyurethane Paint)	Vendor to confirm			
23.05	Total weight of the machine	Vendor to specify			
23.06	Weight of heaviest part of machine	Vendor to specify			
23.07	Weight of the heaviest assembly/ subassembly of the Machine	Vendor to specify			
23.08	Dimensions of largest part/ subassembly/ assembly of the machine	Vendor to specify			
23.09	Vendor to submit, along with offer, the reference list of customers where similar machines have been supplied mentioning the customer, Machine Model, major specifications of the supplied machine, CNC System, Year of Supply etc.	Vendor to specify			
23.10	Detailed catalogues , sketch/ photographs of the m/c and accessories/ attachments and Layout of the machine should be submitted with the offer.	Vendor to specify			
23.11	Hydraulic, Pneumatic & oil pipings should be preferably metallic except places where flexible pipings are essential.All the pipes required for the same shall be included in the standard scope of the machine.	Vendor to specify			

Sl. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
23.12	Ladder, at suitable location, is to be provided to access the machine elements located at the top of the column as well as movement of operator from/ to Operator's platform in case of power failure or any other emergency.	Vendor to offer & confirm			
24.00	OTHER FEATURES:				
24.01	NETWORKING:				
24.01.1	Machine control should have necessary hardware and software for interfacing with gigabit Ethernet Local Area Network with 100 MB/sec through UTP cables for NC program and other related data transfer. This network to be connected to wide area network/Internet. The networking should have following capabilities.	Vendor to confirm			
24.01.2	a) The machine shall appear as a node in the Entire Network. (Network Neighborhood)	Vendor to confirm			
24.01.3	b) The program transfer shall be by simple copy and paste method provided sharing access is allowed between any PC and the machine across the network.	Vendor to confirm			
24.01.4	c) The program transfer between CNC system and network should also be possible in CNC Mode.	Vendor to confirm			
24.02	MACHINE MONITORING SYSTEM (MMS) SIGNALS	Vendor to offer			
24.02.1	The supplied CNC system shall have OPC-UA compliance with valid licence.	Vendor to confirm			
25.00	PRE-QUALIFYING REQUIREMENT (PQR):				
25.01	a) Only those vendors (OEMs) should quote who have commissioned in the past (15) years (on the date of opening of Tender) at least one CNC HORIZONTAL BORING MACHINE of same or higher sizes (Spindle Diameter, Ram+Spindle Travel) and capable of achieving machining accuracies as required in proveout component mentioned at clause no. 19.0 (Accuracies for Proveout components) of tender specification either (a) in at least one country other than the country from where the machine tool will be supplied to establish vendor's (OEM's) global business activity or (b) in India; and referred machine is presently working satisfactorily for more than one year after commissioning (on the date of opening of Tender). The vendor should have experience of manufacturing & supplying CNC machines with Hydrostatic Guideways and/or Hydrostatic Rotary Table (as applicable for tendered machine) in the past fifteen years (on the date of opening of Tender) and should submit proof of the same.	Vendor to confirm			






SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
25.02	However, such Indian machine tool vendors (OEMs), who do not meet specified qualifying conditions, can quote if they have running Collaboration/ Joint Venture/ Joint Working Arrangement for manufacture of CNC HORIZONTAL BORING MACHINE of same or higher sizes (Spindle Diameter, Ram - Spindle Travel) with foreign machine tool manufacturer, who meets specified qualifying conditions. Such Indian machine tool vendors (OEMs) shall have to submit from their foreign partner a back to back guarantee for satisfactory performance of the offered machine in compliance to all specified tender requirements.	Vendor to confirm			
25.03	BHEL reserves the right to accept or reject the OEMs based on the assessment of their technical and financial capability. In respect of Indian vendors (OEMs) against (b) above, BHEL reserves the right to accept or reject both the Indian vendors (OEMs) & their Foreign Partners based on the assessment of their technical and financial capability.	Vendor to confirm			
25.04	The following information should be submitted by the vendor about the companies where referred machine (s) have been supplied. This is required from all the vendors for qualification of their offer.				
25.04.01	Name of the customer / company where referred machine is installed.	Vendor to inform			
25.04.02	Complete postal address of the customer.	Vendor to inform			
25.04.03	Month & Year of commissioning	Vendor to inform			
25.04.04	Parameters of machine supplied and application for which the machine is supplied.	Vendor to inform			
25.04.05	Name and designation of the contact person of the customer.	Vendor to inform			
25.04.06	Phone, FAX no. and email address of the contact person of the customer.	Vendor to inform			
25.04.07	Performance certificate from the customers regarding satisfactory performance of machine supplied to them (Original Certificate or through E-mail directly from the customer). The original performance certificate may be returned after verification by BHEL, if required.	Vendor to submit			
25.04.08	PO copy (unpriced acceptable) of the machine supplied to customer (Original PO or through E-mail directly from the customer). The original PO may be returned after verification by BHEL, if required.	Vendor to submit			
25.04.09	BHEL reserves the right to verify the information provided by the Vendor for the referred machine at their referred customer's works including machining accuracies. It shall be the responsibility of the vendor to facilitate the visit of BHEL's team at their referred customer works. The Travel and Boarding expenses for BHEL Personnel shall be borne by BHEL. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	Vendor to accept & confirm			

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ANNEXURE 1:

PROVEOUT COMPONENTS FOR CNC H.BORER 250 MM

There shall be Two Prove out Components for the acceptance of machine

Component A:

Name: IP Outer Casing Inlet End (SHEET 2-4)

Operations: Complete Horizontal Boring Operations

Component B:

Name: IP Inner Casing Lower Half(Inconel Portion Only) (SHEET 5)

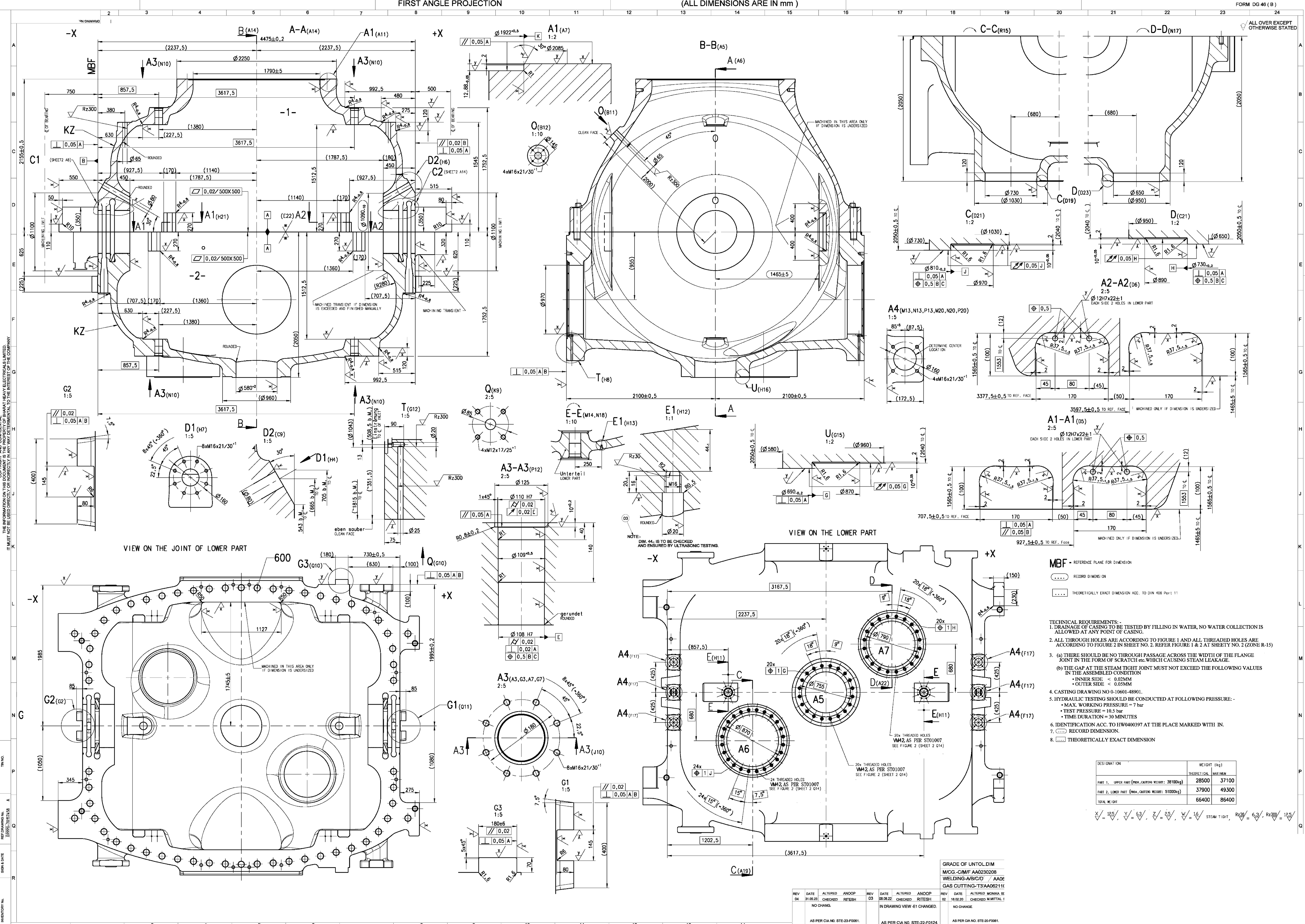
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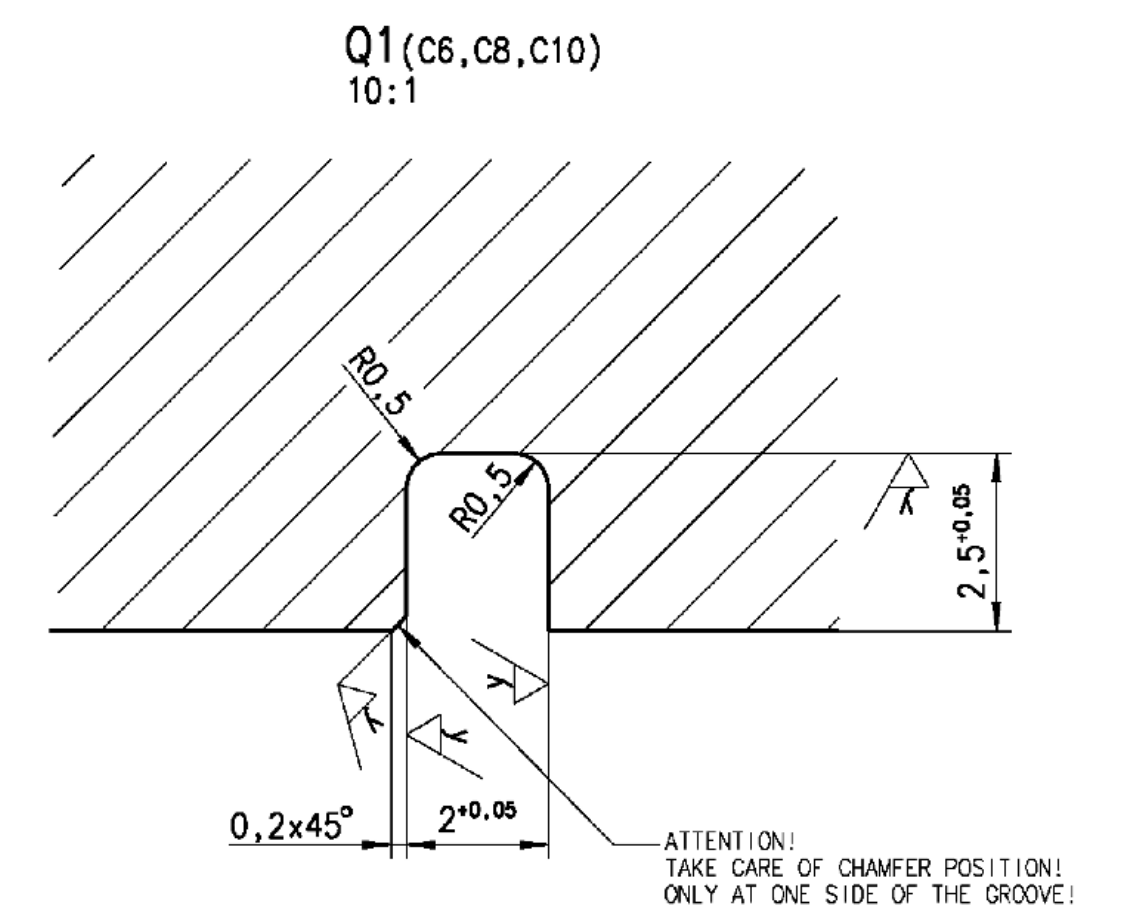
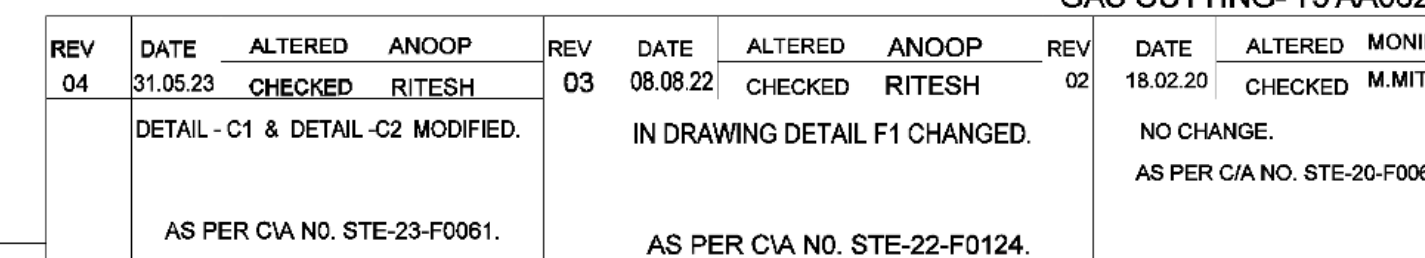
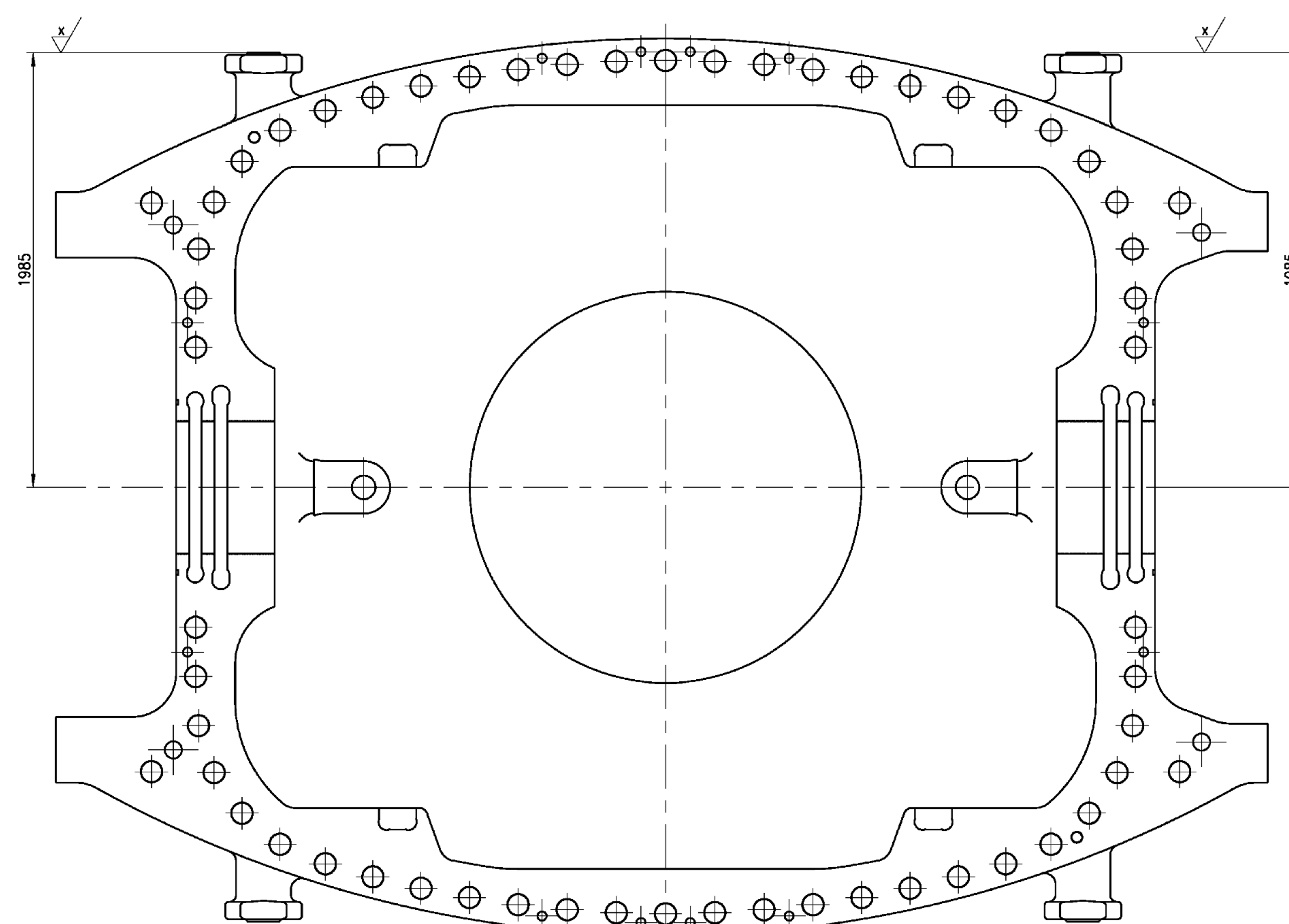
Joint Plane Facing

Machining of 7+7 Holes (M120) as per Sec FF

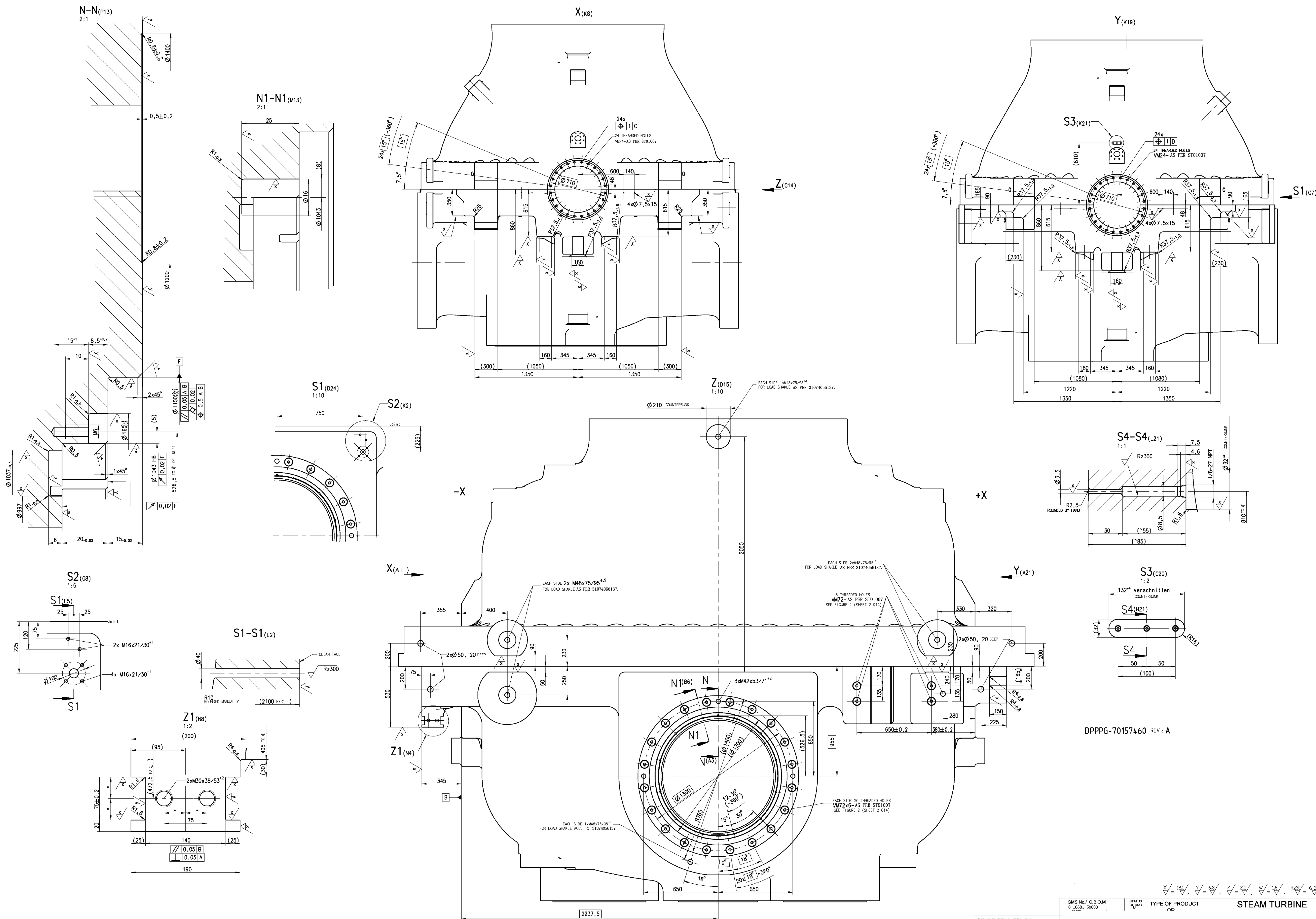
Machining of Pipe as per Sec HH/KK/Detail W

Material: Inconel 625



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X/ 12.5/ Y/ 6.3/ Z/ 2.5/ W/ 1.6/ Rz30/ 6.3/ Rz300/ 12.5/



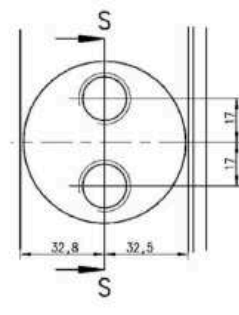
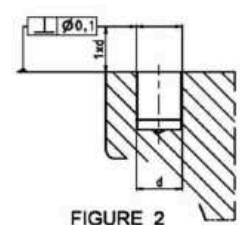
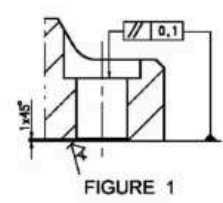
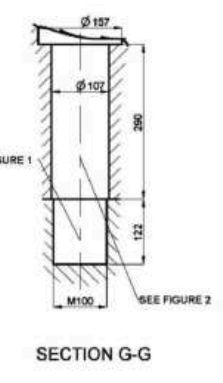
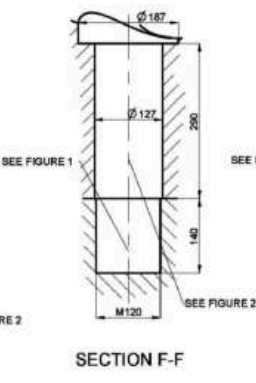
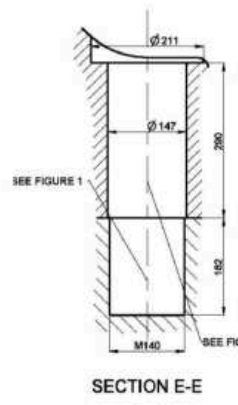
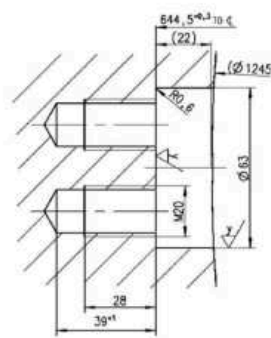
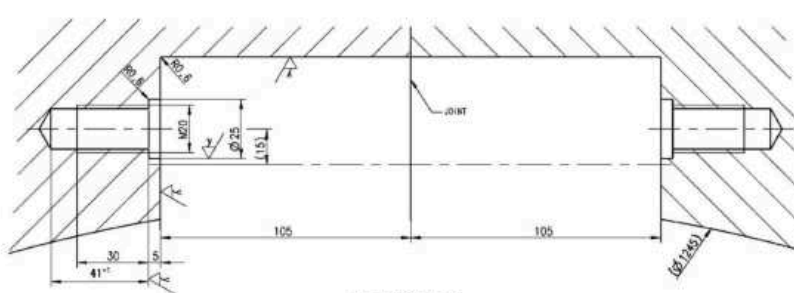
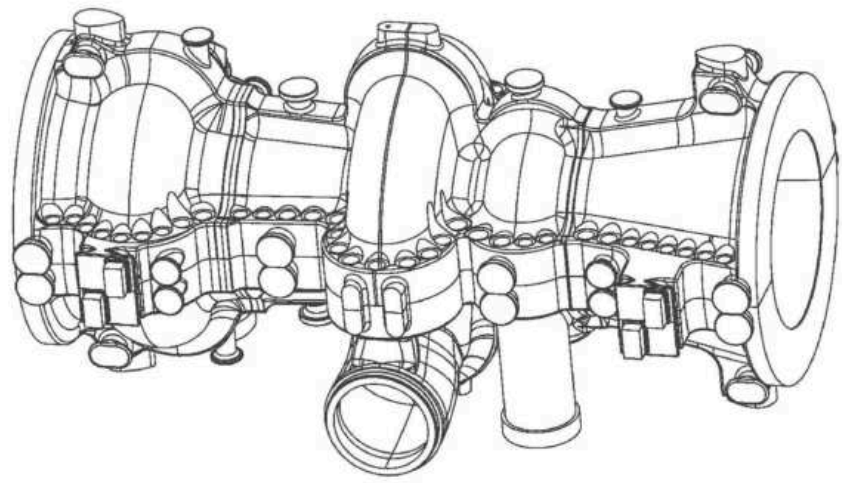
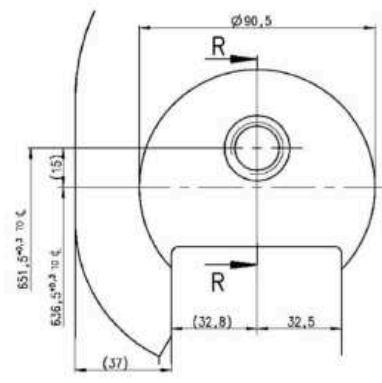
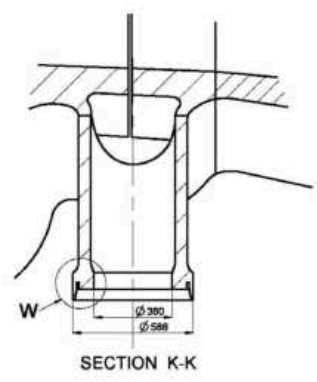
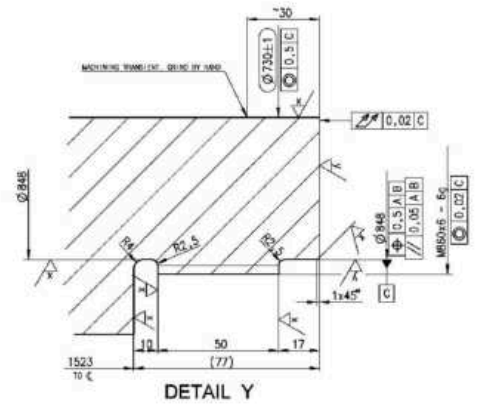
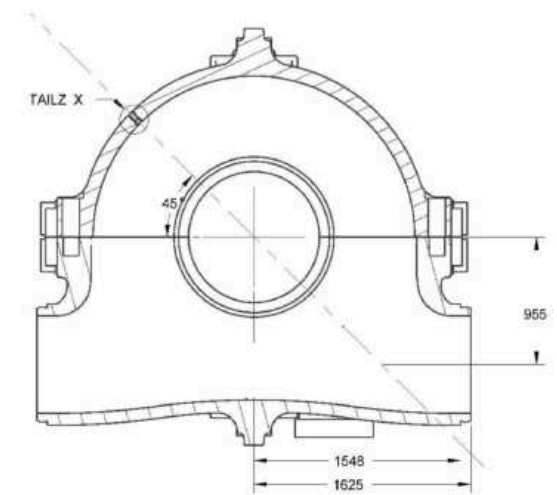
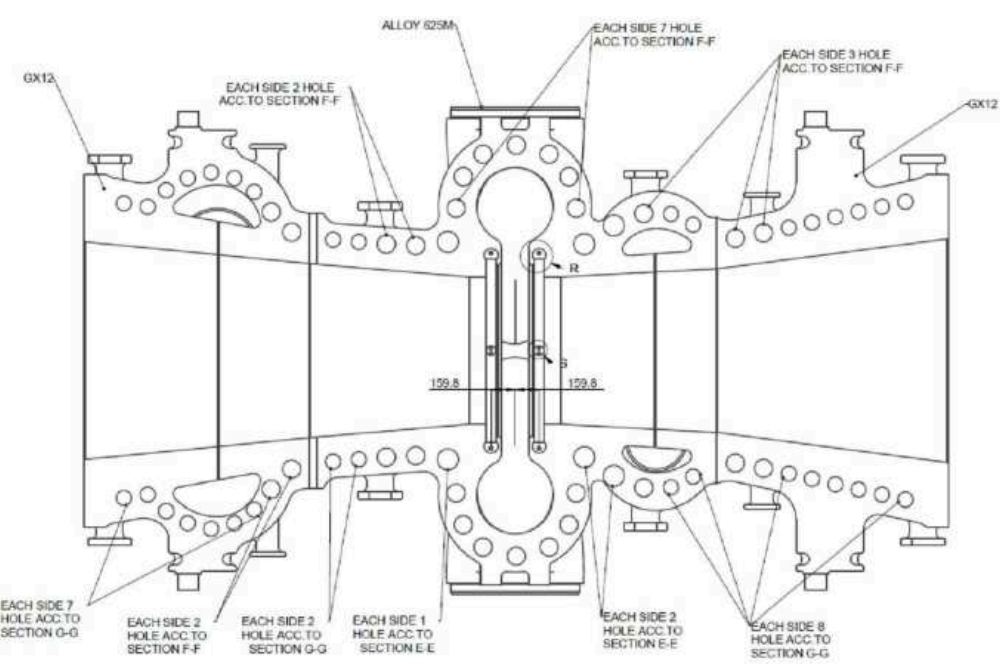
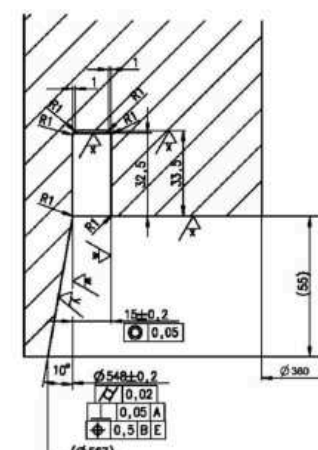
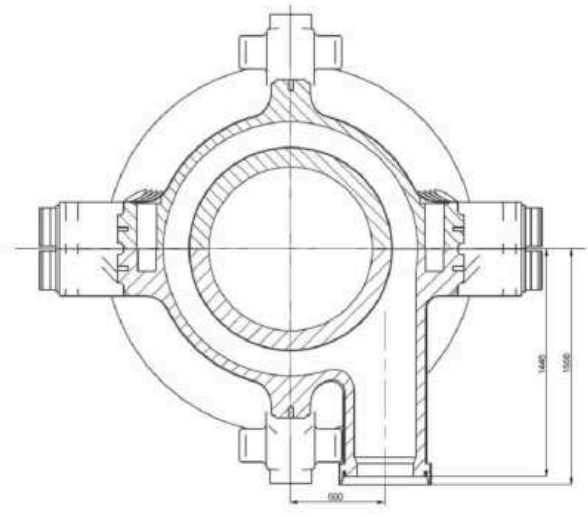
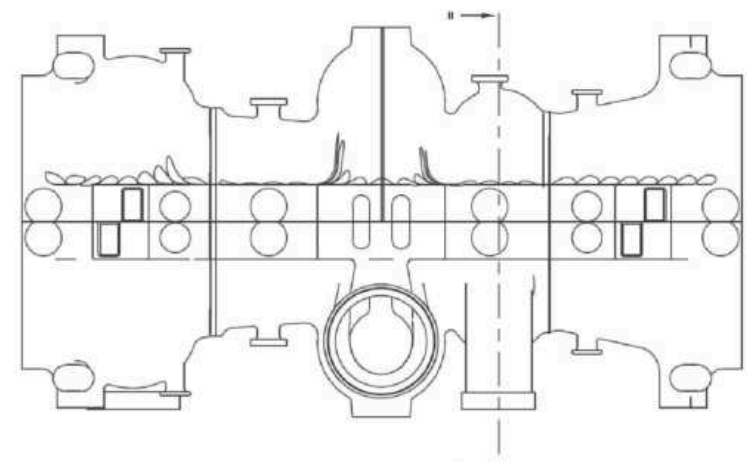
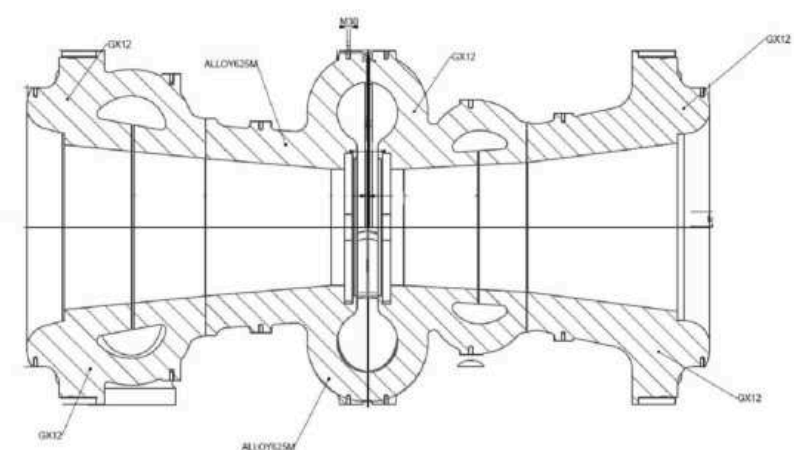
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$$\frac{X}{\nabla} = \frac{12.5}{\nabla}, \quad \frac{Y}{\nabla} = \frac{6.3}{\nabla}, \quad \frac{Z}{\nabla} = \frac{2.5}{\nabla}, \quad \frac{W}{\nabla} = \frac{1.6}{\nabla}, \quad \frac{Rz30}{\nabla} = \frac{6.3}{\nabla}, \quad \frac{Rz300}{\nabla} = \frac{12.5}{\nabla}$$

STEAM TURBINE

GRADE OF UNTOL.DIM	
M/CG.-C/M/F AA0230208	
WELDING-A/B/C/D / AA0621104	
GAS CUTTING-T3'AA0621101	

REV	DATE	ALTERED	ANNOOP	REV	DATE	ALTERED	ANNOOP	REV	DATE	ALTERED	MONIKA SIDI
04	31.05.23	CHECKED	RITESH	03	08.06.22	CHECKED	RITESH	02	18.02.20	CHECKED	M MITTAL SIDI
NO CHANG.				NO CHANGE.				NO CHANGE.			
AS PER CIA NO. STE-23-F0081.				AS PER CIA NO. STE-22-F0124.				AS PER CIA NO. STE-20-F0081.			



REVISIONS				APPROVALS			
REV	DATE	ALTERED BY	CHECKED	REV	DATE	ALTERED BY	CHECKED

REVISIONS				APPROVALS			
REV	DATE	ALTERED BY	CHECKED	REV	DATE	ALTERED BY	CHECKED

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTERESTS OF THE COMPANY.

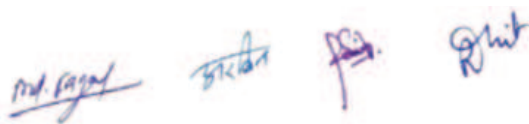
Activity Schedule for CNC Horizontal Borer Sp. Dia 250mm			
Indent No.20243426 Rev00 Dt 08-01-2025			Material code: ZWA020303017
Name/Address & other details of Bidder:-			
Sl. No.	Activity	Activity Time in Weeks	Remarks if Any
1	Acceptance of PO		Vendor to inform
2	Submission of Documents necessary for getting manufacturing clearance like Civil Drawing, Foundation Drawings and other layouts drawings	4	Post placement of PO
3	Comments on Documents from BHEL	2	
4	Final Layout drawings submitted by the vendor		The upper cap limit for activity mentioned in sl no. 4 shall be 12 weeks, however if any bidder wants to quote less than 12 weeks, than he can quote in left column else the activity time given by BHEL as 12 week shall be final.
5	Manufacturing Time of Machine		Vendor to inform
6	Inspection Call by Vendor		At least 45 days before the PDI date
7	Pre- Dispatch Inspection by BHEL and dispatch clearance	2	
8	Delivery at BHEL haridwar		15 Months after PO Placement
9	E&C at Site & Proveout		5 Monts after rciept at BHEL Haridwar

md. fazal
15/1/25

(Md., Fazal Haque)

PQR for Indent NO 20243426/Dt 08-01-2025
CNC HB 250mm

SL. NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
23.12	Ladder, at suitable location, is to be provided to access the machine elements located at the top of the column as well as movement of operator from/ to Operator's platform in case of power failure or any other emergency.	Vendor to offer & confirm			
24.00	OTHER FEATURES:				
24.01	NETWORKING:				
24.01.1	Machine control should have necessary hardware and software for interfacing with gigabit Ethernet Local Area Network with 100 MB/sec through UTP cables for NC program and other related data transfer. This network to be connected to wide area network/Internet. The networking should have following capabilities.	Vendor to confirm			
24.01.2	a) The machine shall appear as a node in the Entire Network. (Network Neighborhood)	Vendor to confirm			
24.01.3	b) The program transfer shall be by simple copy and paste method provided sharing access is allowed between any PC and the machine across the network.	Vendor to confirm			
24.01.4	c) The program transfer between CNC system and network should also be possible in CNC Mode.	Vendor to confirm			
24.02	MACHINE MONITORING SYSTEM (MMS) SIGNALS	Vendor to offer			
24.02.1	The supplied CNC system shall have OPC-UA compliance with valid licence.	Vendor to confirm			
25.00	PRE-QUALIFYING REQUIREMENT (PQR):				
25.01	a) Only those vendors (OEMs) should quote who have commissioned in the past (15) years (on the date of opening of Tender) at least one CNC HORIZONTAL BORING MACHINE of same or higher sizes (Spindle Diameter, Ram+Spindle Travel) and capable of achieving machining accuracies as required in proveout component mentioned at clause no. 19.0 (Accuracies for Proveout components) of tender specification either (a) in at least one country other than the country from where the machine tool will be supplied to establish vendor's (OEM's) global business activity or (b) in India; and referred machine is presently working satisfactorily for more than one year after commissioning (on the date of opening of Tender). The vendor should have experience of manufacturing & supplying CNC machines with Hydrostatic Guideways and/or Hydrostatic Rotary Table (as applicable for tendered machine) in the past fifteen years (on the date of opening of Tender) and should submit proof of the same.	Vendor to confirm			



PQR for Indent NO 20243426/Dt 08-01-2025
CNC HB 250mm

SL NO.	DESCRIPTION FOR BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATIONS	REMARKS
25.02	However, such Indian machine tool vendors (OEMs), who do not meet specified qualifying conditions, can quote if they have running Collaboration/ Joint Venture/ Joint Working Arrangement for manufacture of CNC HORIZONTAL BORING MACHINE of same or higher sizes (Spindle Diameter, Ram+Spindle Travel) with foreign machine tool manufacturer, who meets specified qualifying conditions. Such Indian machine tool vendors (OEMs) shall have to submit from their foreign partner a back to back guarantee for satisfactory performance of the offered machine in compliance to all specified tender requirements.	Vendor to confirm			
25.03	BHEL reserves the right to accept or reject the OEMs based on the assessment of their technical and financial capability. In respect of Indian vendors (OEMs) against (b) above, BHEL reserves the right to accept or reject both the Indian vendors (OEMs) & their Foreign Partners based on the assessment of their technical and financial capability.	Vendor to confirm			
25.04	The following information should be submitted by the vendor about the companies where referred machine (s) have been supplied. This is required from all the vendors for qualification of their offer.				
25.04.01	Name of the customer / company where referred machine is installed.	Vendor to inform			
25.04.02	Complete postal address of the customer.	Vendor to inform			
25.04.03	Month & Year of commissioning	Vendor to inform			
25.04.04	Parameters of machine supplied and application for which the machine is supplied.	Vendor to inform			
25.04.05	Name and designation of the contact person of the customer.	Vendor to inform			
25.04.06	Phone, FAX no. and email address of the contact person of the customer.	Vendor to inform			
25.04.07	Performance certificate from the customers regarding satisfactory performance of machine supplied to them (Original Certificate or through E-mail directly from the customer). The original performance certificate may be returned after verification by BHEL, if required.	Vendor to submit			
25.04.08	PO copy (unpriced acceptable) of the machine supplied to customer (Original PO or through E-mail directly from the customer). The original PO may be returned after verification by BHEL, if required.	Vendor to submit			
25.04.09	BHEL reserves the right to verify the information provided by the Vendor for the referred machine at their referred customer's works including machining accuracies. It shall be the responsibility of the vendor to facilitate the visit of BHEL's team at their referred customer works. The Travel and Boarding expenses for BHEL Personnel shall be borne by BHEL. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	Vendor to accept & confirm			

CNC HB250MM

md. faazal
(MD. FAZAL)
(MGR/NCT)

अरवि कुमार चौधरी
[अरवि कुमार चौधरी]
वरिष्ठ प्रबंधक/प्र.प्र.प.

PS
(Arunima Sinha)
SR. MGR. (WEX/MA/BL-2/NTS)

Pratik
(RUNIT KUMAR)
MGR. (WEX/CNC-TUM)

FINANCIAL PQR

FINANCIAL PQR FOR GLOBAL TENDER ENQUIRY NO. 2978/C/6410/2024/3426/T2 FOR CNC HORIZONTAL BORER MACHINE-01 NO.			
SL. NO.	DESCRIPTION	BIDDER TO CONFIRM	WHETHER DOCUMENTS SUBMITTED
1	Bidder should have average annual turnover of minimum Rs.27.72 Crore during last three accounting year for which audit is done. The last such 3 accounting year should not end on date earlier than 31.12.2023.		
2	Bidders to submit audited Balance Sheet & Profit & Loss Account of such years.		
3	Bidder should have positive net worth as per latest audited balance sheet not older than 31.12.23 duly certified by external auditor (CA/CPA)		
4	For Indian suppliers: Above documents will be duly supported by valid UDIN number.		
5	For Foreign suppliers: The Email address/contact details of the External/statutory auditors should be shared for confirming authenticity of audited Balance Sheet & Profit & Loss Account.		

PROFORMA OF BANK GUARANTEE FOR EARNEST MONEY

(On non-Judicial paper of appropriate value)

Bank Guarantee No.....

Date.....

To

(Employer's Name and Address)

.....

Dear Sirs,

In accordance with the terms and conditions of Invitation for Bids/Notice Inviting Tender No.....(Tender Conditions), M/s. having its registered office at(hereinafter referred to as the 'Tenderer'), is submitting its bid for the work of.....invited by(name of the Employer) through its Unit at(The Tender Conditions provide that the Tenderer shall pay a sum of Rs as Earnest Money Deposit in the form therein mentioned. The form of payment of Earnest Money Deposit includes Bank Guarantee executed by a Scheduled Bank.

In lieu of the stipulations contained in the aforesaid Tender Conditions that an irrevocable and unconditional Bank Guarantee against Earnest Money Deposit for an amount of is required to be submitted by the Tenderer as a condition precedent for participation in the said Tender and the Tenderer having approached us for giving the said Guarantee,

we, the[Name & address of the Bank] having our Registered Office at(hereinafter referred to as the Bank) being the Guarantor under this Guarantee, hereby irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer without any demur, merely on your first demand any sum or sums of Rs.....(in words Rupees.....) without any reservation, protest, and recourse and without the beneficiary needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Vendor/Contractor/Vendors in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment hereunder and the Tenderer shall have no claim against us for making such payment.

We Bank further agree that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Tender or to extend the time of submission of from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Tenderer and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Tenderer or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Tenderer or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Tenderer and notwithstanding any security or other guarantee that the Employer may have in relation to the Tenderer's liabilities.

This Guarantee shall be irrevocable and shall remain in force upto and including..... and shall be extended from time to time for such period as may be desired by the Employer.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Tenderer but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms hereof. However, unless a demand or claim under this Guarantee is made on us in writing on or before the we shall be discharged from all liabilities under this Guarantee.

We, Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.

This Bank Guarantee shall be governed, construed and interpreted in accordance with the laws of India.

Courts at shall alone have exclusive jurisdiction over any matter arising out of or in connection with this Bank Guarantee

Notwithstanding anything to the contrary contained hereinabove:

- a) The liability of the Bank under this Guarantee shall not exceed.....
- b) This Guarantee shall be valid up to
- c) Unless the Bank is served a written claim or demand on or before _____ all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank

We, _____ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of

(Name of the Bank)

Date.....

Place of Issue.....

¹ *Details of the Invitation to Bid/Notice Inviting Tender*

² *Name and Address of the Tenderer*

³ *Details of the Work*

⁴ *Name of the Employer*

⁵ *BG Amount in words and Figures*

⁶ *Validity Date*

⁷ *Date of Expiry of Claim Period*

Notes:

1. Units are advised that expiry of claim period may be kept 3-6 months after validity date. It may be ensured that the same is in line with the agreement/ contract entered with the Vendor.
2. The BG should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the BG is submitted or is to be acted upon or the rate prevailing in the State where the BG was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Contractor/sub-contractor /vendor/ Bank issuing the guarantee.
3. In line with the GCC, SCC or contractual terms, Unit may carry out minor modifications in the Standard BG Formats. If required, such modifications may be carried out after taking up appropriately with the Unit/Region's Law Deptt.

4. In Case of Bank Guarantees submitted by Foreign Vendors-

a. From Nationalized/Public Sector / Private Sector/ Foreign Banks (BG issued by Branches in India)

can be accepted subject to the condition that the Bank Guarantee should be enforceable in the town/city or at nearest branch where the Unit is located i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.

b. From Foreign Banks (wherein Foreign Vendors intend to provide BG from local branch of the Vendor country's Bank)

- b.1** In such cases, in the Tender Enquiry/ Contract itself, it may be clearly specified that Bank Guarantee issued by **any of the Consortium Banks only** will be accepted by BHEL. As such, Foreign Vendor needs to make necessary arrangements for issuance of Counter- Guarantee by Foreign Bank in favour of the Indian Bank's (BHEL's Consortium Bank) branch in India. It is advisable that all charges for issuance of Bank Guarantee/ counter- Guarantee should be borne by the Foreign Vendor. The tender stipulation should clearly specify these requirements.
- b.2** In case, Foreign Vendors intend to provide BG from Overseas Branch of our Consortium Bank (e.g. if a BG is to be issued by SBI Frankfurt), the same is acceptable. However, the procedure at **sl.no. b.1** will required to be followed.
- b.3** The BG issued may preferably be subject to Uniform Rules for Demand Guarantees (URDG) 758 (as amended from time to time). The BG Format provided to them should clearly specify the same.

ANNEXURE- 3**CERTIFICATE OF NO DEVIATION**

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

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Subject: **No Deviation Certificate**

Ref: 1) GeM Bid No:
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 GeM 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:

NON DISCLOSURE AGREEMENT

THIS NON DISCLOSURE AGREEMENT (this "**Agreement**") entered into on this day of June, 20.. (the "**Effective Date**")

By and Between

Bharat Heavy Electricals Limited (a **Public Sector Undertaking of Government of India**), a company incorporated under the Companies Act, 1956 and having its registered office at having its registered office at "BHEL House", Siri Fort, New Delhi - 110 049, India (hereinafter referred to as "**BHEL**" of which the expression shall unless repugnant to the context or the meaning thereof be deemed to include its successors and permitted assigns) (hereinafter referred to as "**BHEL**"),

And

ABC, a Company incorporated under the laws of and having its registered office at (hereinafter referred to as "**ABC**").

The party who is receiving information would be referred as Receiving Party and the party who is disclosing information would be referred as Disclosing Party, as the context requires.

WHEREAS

- (A) The Disclosing Party and The Receiving Party wish to explore and discuss the potential of certain mutually advantageous business relationships for _____, for the purpose ofproducts in India ('the Purpose');
- (B) The Disclosing Party, in furtherance of such business relationship, will disclose certain information, including but not limited to, scientific, development, financial, marketing, sales or other proprietary information;
- (C) The Receiving Party and the Disclosing Party wish to protect and preserve the confidentiality of such information provided by the Disclosing Party to the Receiving Party by preventing its unauthorized disclosure and use, in accordance with the terms of this Agreement; and
- (D) The Receiving Party agrees to hold such information in strict confidence and not to disclose or to use, directly or indirectly, for any purpose other than the performance of this Agreement

NOW, THEREFORE and in consideration of the promises made herein, their mutual and individual interests, and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, the Parties agree as follows:

1. **PURPOSE:** As mentioned above.

2. **DISCLOSING PARTY.** means a Party that discloses the confidential information to the other party under this agreement. For the purpose of this tender, BHEL shall be the Disclosing Party.

3. **RECEIVING PARTY** means a Party that receives the confidential information from the other party under this agreement.

4. **Confidential Information**

(a) Subject to the provisions of this Agreement, all information disclosed by the Disclosing Party to the Receiving Party, shall be deemed to be "Confidential Information" for the purposes of this Agreement.

(b) (i) It is clarified that Confidential Information shall include, but is not limited to, any trade secret, technique, strategy, component, concept, program, report, study, memorandum, correspondence, documentation, information, manual, record, data, technology, product, plan, design, procedure, method, invention, sample, notes, summaries, analyses, compilations and other writings, producing any such sample, medium, test data relating to any research project, work in progress, future development, engineering, manufacturing, marketing, pricing, billing, servicing, financing, personnel matter, its present or future products, sales, suppliers, clients, customers, employees, investors, or any other information which the Disclosing Party provides to the Receiving Party whether in oral, written, graphic or electronic form and whether or not such information is identified as such by an appropriate stamp or marking. The Confidential Information shall also include all reports, notes or other material prepared by the Receiving Party based on the Confidential Information and/ or any discussion thereon.

(ii) Confidential Information includes information disclosed by the Disclosing Party or by any individual, firm or corporation controlled by, controlling, or under the common control of the Disclosing Party.

(c) Confidential Information shall not include any information which the Receiving Party can demonstrate to the Disclosing Party:

(1) is now, or has become, through no act or failure to act on the part of the Receiving Party, generally known or available to the public;

- (2) is known by the Receiving Party at the time of receiving such information as evidenced by its records;
 - (3) is discovered/independently developed by the Receiving Party independent of any disclosures by the Disclosing Party; or
 - (4) is hereafter furnished to the Receiving Party by a third party, as a matter of right and without restriction on disclosure.
- (d) Notwithstanding any other provision of this Agreement, the Receiving Party shall be permitted to disclose Confidential Information if such disclosure is in response to a valid order of a court or other governmental body, provided, however, that the Receiving Party shall be required to give prior notice in writing to the Disclosing Party so that the Disclosing Party may seek an appropriate protective order including that the Confidential Information so disclosed be used only for the purposes for which the order was issued;

5. Disclosure

In consideration of the disclosure of Confidential Information by, the Recipient hereby agrees to:

- (a) Shall treat as confidential and safeguard all information disclosed and/or its Affiliates in connection
- (b) to hold the Confidential Information in strict confidence and to take all necessary precautions to protect such Confidential Information (including, without limitation, all precautions the Recipient employs with respect to its own confidential materials);
- (c) limit disclosure of any Confidential Information to its concerned directors, officers and employees, (collectively "Representatives") strictly only to who have a need to know such Confidential Information in connection with the Transaction between the parties to which this Agreement relates, and only for that purpose;
- (d) advise its Representatives of the proprietary nature of the Confidential Information and of the obligations set forth 2 in this Agreement and require in writing such Representatives to keep the Confidential Information confidential;
- (e) shall keep all Confidential Information strictly confidential by using a reasonable degree of care, but not less than the degree of care used by it in safeguarding its own confidential information;

- (f) not disclose any Confidential Information received by it to any third party; and
- (g) not to copy or reverse engineer any such Confidential Information.
- (h) not to use the Confidential Information for any purpose other than the Transaction.
- (i) not use the information for any scientific research or any other research.
- (j) Confidential information does not include information:
 - a. Which is generally available to the public other than as a result of a breach of this Agreement; or
 - b. Which is already in the possession of Recipient without restriction prior to any disclosure hereunder; or
 - c. Which is or has been lawfully disclosed to Recipient by someone who is free lawfully to disclose the same without confidentiality restrictions; or
 - d. Which is independently developed by Recipient or its Affiliates and no Confidential information disclosed hereunder has been used directly or indirectly in such development; or
 - e. Whose applicable period of confidentiality pursuant hereto, or such other period specifically agreed to in writing by the parties, has ended
- (k) This agreement is not intended to, and does not, oblige either party to enter into any further agreements or to proceed with the transaction, any possible relationship or other transaction. Recipient acknowledges that Discloser makes no representation or warranty whether express or implied, as to the accuracy or completeness of Confidential information, and Discloser disclaims any and all liability unless contained in any definitive agreement.

Each Party will comply with all applicable data protection laws and regulations. Where applicable in particular if one Party receives access to and processes personal data on behalf of the other party in connection with this Agreement and such processing agreement, the Parties will enter into any required data processing of other data protection agreement

6. Restriction on Use

- (a) The Receiving Party and its Representatives shall hold the Confidential Information received from the Disclosing Party in confidence, and shall not, directly or indirectly:
 - (i) disclose the Confidential Information to any third party; or

- (ii) use the Confidential Information for any purpose other than the permitted Purpose.
- (b) The Receiving Party shall not use the Confidential Information for any purpose or in any manner, which would constitute a violation of any applicable laws or regulations, directly or indirectly.
- (c) The Confidential Information shall be the property of the Disclosing Party. No rights, licenses or interests including, but not limited to, trademarks, inventions, copyrights or patents are implied, transferred or granted in relation to the Confidential Information provided by the Disclosing Party to the Receiving Party under this Agreement.
- (d) The Receiving Party shall not reproduce the Confidential Information in any form except as needed for the Purpose of the Agreement as set out above or with the prior written consent of the Disclosing Party.
- (e) All the title and rights in the Confidential Information shall be reserved with the respective Discloser and/or its licensors and no rights or obligations other than those expressly set out in this Agreement are granted or to be implied from this Agreement. In particular no license is granted to the Recipient, directly or indirectly, by this Agreement relating to any invention, discovery, patent, copyright or other industrial or intellectual property right now or in the future.

7. Protection of Confidential Information

- (a) The Receiving Party represents and warrants that it shall protect the Confidential Information received with utmost care and diligence.
- (b) All Confidential Information shall be promptly returned to the Disclosing Party after the Receiving Party's need for it has expired, or upon request of the Disclosing Party, and in any event, upon completion or termination of this Agreement.

8. No Further Warranties

The Confidential Information shall be disclosed on an "as is" basis only and without any warranties of any kind, including but not limited to, warranties of merchantability or fitness for a particular purpose.

9. No Further Business Arrangement

Nothing contained herein shall be construed to obligate either Party to enter into any further agreements with each other. This Agreement does not create any other business arrangement, including but not limited to any partnership, agency or joint venture, between the Parties.

10. Term

The term of this Agreement shall commence on the Effective Date and valid for the period of two (2) years. The Disclosing party shall have a right to terminate this Agreement by giving a written notice of 30 days to the Receiving Party. However, the Receiving Party obligation to protect and restrict the use of Confidential Information under this Agreement shall continue until such time as the Disclosing Party discloses it to the public or when it otherwise becomes part of the public domain through no action of the Receiving Party.

11. Injunctive remedy

The Recipient acknowledges that the Confidential Information to be disclosed hereunder is commercially sensitive of a unique and valuable character, and that the unauthorized dissemination of the Confidential Information would destroy or diminish the value of such information. The damages that would result from the unauthorized dissemination of the Confidential Information would be impossible to calculate. Therefore, Recipient hereby agrees that the affected Discloser shall be entitled to injunctive relief preventing the dissemination of any Confidential Information in violation of the terms hereof. Such injunctive relief shall be in addition to any other remedies available hereunder, whether at law or in equity. The affected Discloser shall be entitled to recover all its damages, costs and fees, including reasonable attorneys' fees, incurred in obtaining any such relief. Further, in the event of litigation relating to this Agreement, the prevailing party shall be entitled to recover its reasonable attorney's fees and expenses.

12. Return of Confidential Information

Recipient shall immediately return and redeliver to the respective Discloser all tangible material embodying the Confidential Information provided hereunder and all notes, summaries, memoranda, drawings, manuals, records, excerpts or derivative information deriving there from and all other documents or materials ("Notes") (and all copies of any of the foregoing, including "copies" that have been converted to computerized media in the form of image, data or word processing files either manually or by image capture)

based on or including any Confidential Information, in whatever form of storage or retrieval, upon the earlier of (i) the completion or termination of the dealings between the parties contemplated hereunder; (ii) the termination of this Agreement; or (iii) any breach of this agreement, in which case the party in breach shall also be liable towards the Disclosers under the law and this Agreement or (iv) at such time as the respective Discloser may so request; provided however that the Recipient may retain such of its documents as is necessary to enable it to comply with its document retention policies. Alternatively, the Recipient, with the written consent of the respective Discloser may immediately destroy any of the foregoing embodying Confidential Information (or the reasonably non-recoverable data erasure of computerized data) and, upon request, certify in writing such destruction by an authorized officer of the Recipient supervising the destruction).

13. Notice of Breach

Recipient shall notify the Disclosers immediately upon discovery of any unauthorized use or disclosure of Confidential Information by Recipient or its Representatives, or any other breach of this Agreement by Recipient or its Representatives, and will cooperate with efforts by the Discloser regain possession of Confidential Information and prevent its further unauthorized use.

14. Survival

The provisions of Clauses 8, 9 & 10 of this Agreement, and the rights and obligations contained there under shall not terminate upon termination of this Agreement.

15. Governing Law & Dispute Resolution

The contract shall be governed by the Law for the time being in force in the Republic of India. Civil Court having original Civil Jurisdiction at Haridwar shall alone have exclusive jurisdiction in regard to all matters in respect of this agreement.

Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, 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, then, either Party may, by a notice in writing to the other Party refer such dispute or difference to arbitration. The arbitration shall be conducted by three arbitrators, one to be appointed by each of the Parties and a third arbitrator to be appointed by the mutual consent of the two arbitrators so appointed by the Parties.

The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties. Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be Haridwar.

16. No Publication

Neither Party shall disclose, publicise or advertise in any manner the discussions or negotiations contemplated by the Agreement without the prior written consent of the other Party, except as may be required by law.

17. Miscellaneous

- (a) This Agreement constitutes the entire understanding between the parties and supersedes any and all prior or contemporaneous understandings and agreements, whether oral or written, between the parties, with respect to the subject matter hereof. This Agreement can only be modified by a written amendment signed by the party against whom enforcement of such modification is sought.
- (b) Any failure by a Discloser to enforce the Recipient's strict performance of any provision of this Agreement will not constitute a waiver of its right to subsequently enforce such provision or any other provision of this Agreement.
- (c) Although the restrictions contained in this Agreement are considered by the parties to be reasonable for the purpose of protecting the Confidential Information, if any such restriction is found by a court of competent jurisdiction to be unenforceable, such provision will be modified, rewritten or interpreted to include as much of its nature and scope as will render it enforceable. If it cannot be so modified, rewritten or interpreted to be enforceable in any respect, it will not be given effect, and the remainder of the Agreement will be enforced as if such provision was not included.
- (d) Any notices or communications required or permitted to be given hereunder may be delivered by hand, deposited with a nationally recognized overnight carrier, electronic-mail, or mailed by certified mail, return receipt requested, postage prepaid, in each case,

to the address of the other party first indicated above (or such other addressee as may be furnished by a party in accordance with this paragraph). All such notices or communications shall be deemed to have been given and received (a) in the case of personal delivery or electronic-mail, on the date of such delivery, and (b) in the case of delivery by a nationally recognized overnight carrier, on the third business day following dispatch.

- (e) Parties shall not directly or indirectly assign or transfer it by operation of law or otherwise without the prior written consent of the Disclosers, which consent will not be unreasonably withheld. All obligations contained in this Agreement shall extend to and be binding upon the parties to this Agreement and their respective successors, assigns and designees.
- (f) Paragraph headings used in this Agreement are for reference only and shall not be used or relied upon in the interpretation of this Agreement.

18. Notices

All notices, documents, consents, approvals or other communications (a 'Notice') to be given hereunder shall be in writing and shall be transmitted by first class registered or recorded delivery mail to the person at the address specified herein below, or by telex, facsimile or other electronic means in a form generating a record copy to the party being served at the relevant address for that party shown herein below. Any Notice sent by mail shall be deemed to have been duly served on receipt of delivery confirmation. Any Notice sent by telex facsimile or other electronic means shall be deemed to have been duly served at the time of transmission.

Notice if to:

BHEL, then to,

Sh. Ashish Kumar Keshari

Sr. Manager, PPX-Capital

BHEL HEPP, Haridwar

Phone : 01334-281961

E-mail : ashishkumar.keshari@bhel.in

भारतीय बिजली निगम लि.
हरीद्वार - उत्तरांचल प्रदेश
आयुक्त प्रबंधक - पूँजी-साधन
आयुक्त प्रबंधक (पूँजी-साधन) का
आयुक्त प्रबंधक (पूँजी-साधन) का

ABC, then to,

(Name)_____

(Designation)_____

Phone :

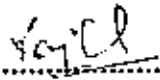
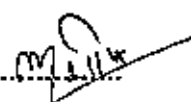
Fax :

E-mail :

19. Counterparts, Telefax Signatures

This Agreement may be signed in two counterparts, each of which is to be considered an original, and taken together as one and the same document.

IN WITNESS WHEREOF, of their Agreement to the terms and conditions contained herein, the undersigned have caused this Agreement to be executed by their duly authorized representatives:

For Bharat Heavy Electricals Limited	For ABC
Signature:  Name: Raj Kumar Designation: Manager / PPX Capital HEEP	Signature: Name: Designation:
Signature:  Name: ASHISH KUMAR KESHARI / ASHISH KUMAR KESHARI SENIOR MANAGER / SENIOR MANAGER Designation: PPX CAPITAL (HEEP) / PPX CAPITAL (HEEP) Manager / Manager BHEL (HEEP), Haridwar	Signature: Name: Designation:

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,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017**Ref:** 1) GeM Bid Specification No:

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.

INTEGRITY PACT

Between

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi - 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

_____, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for

_____. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1- Commitments of the Principal

1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

- 1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- 1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- 1.1.3 The Principal will exclude from the process all known prejudiced persons.

1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment,

or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s)/ Contractor(s)

2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. 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.

2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant Indian Penal Code (IPC) and Prevention of Corruption Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

2.1.4 Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. The Bidder(s)/ Contractor(s) 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.

2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

2.3 The Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and will await their decision in the matter.

Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 4 - Compensation for Damages

- 4.1 If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/ Bid Security.
- 4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher.

Section 5 - Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 - Equal treatment of all Bidders/ Contractors / Sub-contractors

- 6.1 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors. In case of sub-contracting, the Principal contractor shall be responsible for the adoption of IP by his sub-contractors and shall continue to remain responsible for any default by his sub-contractors.
- 6.2 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

Section 7 - Criminal Charges against violating Bidders/ Contractors /Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 -Independent External Monitor(s)

- 8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The

Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality in line with Non- disclosure agreement.

8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

8.5 The role of IEMs is advisory, would not be legally binding and it is restricted to resolving issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organization.

8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs jointly as far as possible, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.

8.7 The IEMs would examine all complaints received by them and give their recommendations/ views to CMD, BHEL, at the earliest. They may also send their report directly to the CVO and the Commission, in case of suspicion of serious irregularities requiring legal/ administrative action. IEMs will tender their advice on the complaints within 10 days as far as possible.

8.8 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.

8.9 IEM should examine the process integrity; they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the organization should be looked into by the CVO of the concerned organisation.

8.10 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code/ Prevention of Corruption Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.11 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.

8.12 The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

9.1 This Pact shall be operative from the date IP is signed by both the parties till the final completion of contract for successful bidder and for all other bidders 6 months after the contract has been awarded. Issues like warranty / guarantee etc. should be outside the purview of IEMs.

9.2 If any claim is made/ lodged during currency of IP, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 - Other Provisions

10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

10.5 Only those bidders / contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

For & On behalf of the Principal

For & On behalf of the Bidder/ Contractor

(Office Seal)

(Office Seal)

Place-----

Date-----

Witness:_____

Witness:_____

(Name & Address) _____

(Name & Address) _____

DETAILS OF COMPANY PERFORMANCE

A. Capacity Details:

Manufacturing Capacity (Major machines with Qty.)	Type of Major Machines	Qty.
Machines supplied during last 5 years (Year-wise with Qty.)	Scheduled Supply Period	Actual Supply Period
Outstanding Order Book position (Type of Machine with Qty. & name of customers*)		
Liquidation Plan of all machines including BHEL machines under consideration for ordering		

* If any bidder is unable to give name of ALL the customer(s) due to confidentiality restrictions, they may give details without disclosing such customer's identity.

B. Performance of supplies to BHEL:

Details of POs to be considered in last 5 years shall include (i) Last 5 POs fully executed and (ii) all POs overdue for supply and/or E&C. Details of all machines in the POs to be given.

Sl. No.	Name of M/c with broad specs.	Name of BHEL Unit	P.O. No. & Date	P.O. Value	Supply Date		Erection & Commissioning		Reason of delay, if any
					As per P.O.	Actual/ Likely	E&C period incl. job prove out as agreed (in days)	Actual / Likely period of E&C completion (in days)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.									
2.									
3.									
4.									

Note:

1. In case bidder has not received any Purchase Order in the last 5 years from any of the Units of BHEL, then 'NIL' should be indicated.
2. Reasons for delay to be explained in details.
3. BHEL reserves the right to reject the offer, if past performance of the bidder is evaluated to be unsatisfactory and/or false information is given by the bidder.

The performance of the vendors and meeting commitments is of utmost importance. In order to keep this in focus during evaluation / finalization of tenders, Bidder shall be asked to furnish specific details of company performance

1. Capacity details; 2. Performance of supplies to BHEL.

(A. **Capacity details in Part (A)** are about the Manufacturing Capacity (Major Machine: category-wise & number-wise), No. of Machines supplied during last 5 years, Outstanding Order Book position, Liquidation Plan of all machines including BHEL machines under consideration for

ordering. Wherever possible, efforts are to be made to contact some of the references of past supplies given.

- (B. **The Performance details of supplies to BHEL will be sought in Part (B)** for the POs placed by BHEL which can be verified; hence submission of these information by vendors is mandatory. BHEL will reserve the right to reject the offer, if past performance of the bidder is evaluated to be unsatisfactory and / or false information is given by the bidder.

Immediately after opening of Techno Commercial Bid, the BHEL Haridwar Indenting Unit shall get the past performance details with BHEL verified from concerned Units as a second check.

The tender Technical Committee at BHEL Haridwar Unit shall make use of the information on past performance of the bidders during technical evaluation of the offers.

If Delivery Index of any bidder is >0.20 , then his offer shall be liable for rejection. However, offer of bidder with Delivery Index >0.20 can also be accepted for further evaluation on exception basis with justified recorded reasons with approval of Unit Head & provided the bidder fulfils the requirement of proven experience of supplying similar machines & have adequate available capacity to meet BHEL tender requirement.

The actual / likely Supply and E&C period vis-à-vis scheduled Supply and E&C period (delay for reasons attributable to vendor only to be considered) shall be considered for all the machines against the POs placed by BHEL during last 5 years (limited to 5 latest executed POs) and all POs overdue for Supply and/or E&C.

For purpose of calculation of Delivery Index in case of overdue POs, the delay period for Supply and/or E&C will be reckoned from the date of bid opening of the tender under evaluation. In case of two-part bid, part-I (i.e. Techno-Commercial Bid) shall be considered as date of bid opening.

Early Supply and/or E&C vis-à-vis scheduled dates will not be entitled for any consideration for calculation of Delivery Index.

Delay in E&C shall be applicable only in such cases where E&C period has been mentioned in the PO.

In case a PO includes more than one machine, then all the machines of the PO shall be considered for calculation of Delivery Index.

The details of bidder who has been disqualified based on the delivery performance with BHEL Units should be shared by Purchase Department of indenting Unit with all sister Units under intimation to CMT&IP. CMT&IP shall host the details on website of CMT&IP department.

Illustration for calculation of Delivery Index:

$$\text{Delivery Index} = \sum_{i=1}^n \left\{ \frac{(\Delta X_i + \Delta Y_i)}{(X_i + Y_i)} \right\} / n$$

i = No. of Machines; Where, $i = 1, \dots, n$ (n = no. of m/cs.)

X_i = Scheduled Delivery (no. of days)

ΔX_i = Supply delay (no. of days)

Y_i = Scheduled E&C (no. of days)

ΔY_i = E&C delay (no. of days)

ANNEXURE – 12

**DECLARATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH
REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 04TH
JUNE, 2020 AND SUBSEQUENT ORDER(S)**

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

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

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) GeM Bid Specification No:

2) All other pertinent issues till date

We hereby certify that the items/works/services offered by..... *(specify the name of the organization here)* 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 04.06.2020 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 practising 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.

COST OF WITHDRAWAL DEVIATION SHEET								
SCHEDULE OF TECHNICAL AND COMMERCIAL DEVIATION								
GLOBAL TENDER No. 2978/C/6410/2024/3426/T2 FOR CNC HORIZONTAL BORER MACHINE - 01 NO..								
ITEM:- CNC HORIZONTAL BORER MACHINE								
NAME OF VENDOR:-								
SL NO	VOULME/ SECTION	PAGE NO.	CLAUSE NO.	TECHNICAL SPECIFICATION/ TENDER DOCUMENT	COMPLETE DESCRIPTION OF DEVIATION	COST OF WITHDRAWL OF DEVIATION IN RUPEES)	REFERENCE OF PRICE SCHEDULE ON WHICH COST OF WITHDRAWL OF DEVIATION IS APPLICABLE	NATURE OF COST OF WITHDRAWL OF DEVIATION (POSITIVE)
TECHNICAL DEVIATIONS								
COMMERCIAL DEVIATIONS								
PARTICULARS OF BIDDERS/ AUTHORISED REPRESENTATIVE								
NAME				DESIGNATIONS		SIGN & DATE		
NOTES:								
1. Cost of withdrawl of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.								
2. All the bidders have to list out all their Technical & Commercial Deviations (if any) in detail in the above format.								
3. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.								

4. Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawl of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In the absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT.
5. Bidder shall furnish price copy of above format along with price bid.
6. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.
7. Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered.
8. For deviations w.r.t. Credit Period, Liquidated damages, if a bidder chooses not to give any cost of withdrawl of deviation loading as per GISTC, will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawl of deviation shall be taken as NIL.
9. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be considered.
10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.
11. Cost of withdrawl is to be given seperately for each deviation. In no event, bidder should club cost of withdrawl of more than one deviation else cost of withdrawl of such deviations which have been clubbed together shall be considered as NIL.
12. In case nature of cost of withdrawl is not specified it shall be assumed as positive.
13. In case of discrepancy in the nature of impact (positive), positive will be considered for evaluation and negative for ordering.



SCHEDULE OF COMMERCIAL DEVIATION

Name of Bidder :-

Please fill here

The following are the deviations/ variations exception from the General Terms and Conditions:

SL. No.	CLAUSE NO. OF GENERAL TERMS AND CONDITION	STATEMENT OF DEVIATION

- In case, this schedule is not submitted, it will be presumed that the equipment/ material to be supplied under this contract is deemed to be in compliance with the General Terms and Conditions.

- If there is NIL deviation, even then the format to be filled as **NIL DEVIATION**.

Note: Continuation Sheets of like size and format may be used as per the Bidder's Requirement and shall be annexed to this scheduled.

Place: -

Date: -



SCHEDULE OF TECHNICAL DEVIATION

Name of Bidder :-

Please fill here

The following are the deviations/ variations exception from the Specification:

SL. No.	CLAUSE NO. OF GENERAL TERMS AND CONDITION	STATEMENT OF DEVIATION/ VARIATIONS/EXCEPTIONS

In case, this schedule is not submitted, it will be presumed that the equipment/ material to be supplied under this contract is deemed to be In compliance with the General Terms and Conditions & Specifications

If there is NIL deviation, even then the format to be filled as **NIL DEVIATION**.

Note: Continuation Sheets of like size and format may be used as per the Bidder's Requirement and shall be annexed to this scheduled.

Place: -

Date: -



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

**General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry
(GISTC)**

For Indian Bidders (Version Jun-2025, Rev: 08)

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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)

For Indian Bidders (Version Jun-2025, Rev: 08)

1. GENERAL

These general terms & conditions shall apply to all Tender Enquiries, Notice Inviting Tenders, Request for Quotations concerning the supply of goods and / or rendering of services to Bharat Heavy Electricals Ltd, HEEP, Haridwar (hereinafter referred to as BHEL or the Purchaser). In case of placement of order, these conditions will become part of Purchase Order (P.O.) until unless the deviations are specifically agreed by BHEL.

2. ORIGIN OF QUOTATION

A bidder shall not have conflict of interest with other bidders. Bidders having a conflict of interest shall not be eligible to participate in the tender process.

In this regard, the declaration given in Annexure-3 regarding “Conflict of interest” is required to be submitted by bidders alongwith the tender, which should be signed by the authorized signatory of the bidder.

3. SUBMISSION OF TENDER

- a) Bid / Quotation must be enclosed in sealed cover on which tender enquiry number and the due date MUST BE written and be invariably sent under REGISTERED POST / SPEED POST / COURIER / Dropped in the Tender Box: addressed as follows:

Quotation against Enquiry No. _____

Dated: _____

Due on: _____

To,

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

Bid/Quotation can also be submitted through email communication at email address:
tendercell.heep@bhel.in.

All vendors submitting their bids through e-mail are advised to have following clear subject line: -



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1. Tender Enquiry Reference No. _____

2. Bid Opening Date (Part 1, Techno-Commercial). _____

Vendor to submit their bids as attachment (pdf format) with password protection and share the password through mail (tendercell.heep@bhel.in) after 1.45 pm (IST) on the day of bid opening. However, if no password is received up to 4.00 pm (IST) bids will not be opened and will be ignored. Submission of bids through email shall be considered as consent to open the bid without physically witnessing the event. The total size of the mail including both attachments must not exceed 25 MB.

- b) TENDER ROOM is located at: Room No. - 415, 4th Floor, Main Admin. Building, BHEL-HEEP, Haridwar. In case of Three/Two Part Bid, technical bid containing technical offer, duly signed and un-priced copy of the Price Bid should be kept in one envelope. Price Bid containing only the price should be kept in a separate envelope. All envelopes indicating Part-1 or Part-2 or Part-3 as the case may be to be put in a bigger envelope. Please note that un-priced bid should be the exact replica of price bid but without prices.
- c) The bid / quotation must be posted before due date, keeping allowance for postal transit time. Quotations sent by any mode but not received in time will be ignored. Tender received through authorized E-mail is also acceptable. However, in time submission of tender in tender box shall be the responsibility of the bidder, sent through any mode. Documents submitted with the offer / bid shall be signed and stamped in each page by authorized representative of the bidder.
- d) Any additional documents submitted by supplier / bidder, during processing of registration application/tender or after placement of order shall not be accepted unless it is submitted with forwarding letter and duly signed and stamped.
- e) The bids of the bidders who are on the debarred list and also the bids of the bidders, who engage the services of the debarred firms, shall be rejected. The list of firms debarred by BHEL is available on BHEL web site www.bhel.com. 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.
- f) Being PMD vendor, if you are not quoting against this tender enquiry, please send your regret letter positively for our reference with valid reasons for not participating in the tender enquiry. Repeated lack of response on the part of bidder may lead to deletion such PMD vendor from BHEL's approved vendor list.
- g) The bidders will submit Integrity Pact, duly signed by their authorized signatories, along with their bids wherever applicable as per tender terms.
- h) In case of open tender, technically qualified unregistered bidders may apply online for registration through <https://www.bhel.com/supplier-registration>.
- i) BHEL reserves the right to award tendered quantities among more than one bidder (after acceptance of L1 price by the other bidders). BHEL can also consider awarding of part of the tendered quantity to other than L-1 bidder at L1 counter offered rates, if the quantity offered by the L-1 bidder is less than the quantity tendered for.



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- j) In case of e-Tendering (Online bidding through e-portal), offline bid submitted in hard copy or in any other form by the vendor / supplier will not be accepted and will be rejected out rightly. Only e-portal bid will be accepted.
- k) No interest shall be payable on the security deposit or any other money due to the supplier.

4. TENDER OPENING

Tender opening is scheduled to start in the Tender Room at 2:00 PM, on the due date. Therefore, bid/ quotations must reach this office/tender Box latest by 1:45 PM on due date. Only participating bidders are allowed to attend tender opening. **TENDERS RECEIVED AFTER THE SPECIFIED TIME OF THEIR 'SUBMISSION' WILL BE TREATED AS LATE TENDERS AND SHALL NOT BE CONSIDERED UNDER ANY CIRCUMSTANCES.** The bidders or their authorized representatives may be allowed to attend tender opening if duly authorized by their principals, through a tender specific letter on that particular day. General authorization letter is not acceptable.

5. SPECIFICATION, DRAWINGS & STANDARD

- a) Bidders must give their detailed specification in the quotation along with relevant technical literature/ catalogue etc. against the tender enquiry.
- b) The Bid should be accompanied with relevant copies of catalogues, drawings or specification as per tender enquiry. If these documents are not furnished, the offer is liable to be rejected.
- c) Wherever national / international (N/IN) standards are referred, the latest N/IN standards are to be followed. Mention year & date of standard revision that shall be followed for the supply.
- d) All Drawings and Standards are proprietary of BHEL. It must not be used in any way detrimental to the interest of BHEL or without permission of BHEL.

6. PRICE SCHEDULE

- a) Kindly quote your prices in figures and words both. In case of any discrepancy in value, the prices quoted in words shall be considered for evaluation and establishing L1 status.
- b) Prices quoted should not be more than the prices quoted to any other BHEL units / offices / divisions. Vendor to submit copy of latest Purchase Order placed by any unit of BHEL for similar items in the technical bid. In case no order has been placed on such items, specific confirmation that no order has been placed on such items should be provided.
- c) 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.
- d) In case BHEL accepts the EX-Works prices, such offers will be loaded by 1.5% of EX-Works value towards freight or with actual freight charges as per BHEL freight rate contract whichever is higher.
- e) Applicable IGST / CGST / SGST and any other statutory levy should be indicated separately and clearly in the bid / quotation.
- f) If it is not otherwise specified by BHEL, bidders can dispatch goods through any Indian Bank Association approved transporter.



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- g) Any demurrage/godown rent payable to the transporter or godown's owner due to any delay attributed by the supplier shall be recovered from supplier's account.
- h) Currency of Evaluation shall be INR.

Note: Financial evaluation of L1, L2 Status will be on the basis of Landed Cost to BHEL.

7. REVERSE AUCTION

Wherever Reverse Auction (RA) is declared in the special terms and conditions of tender enquiry, the following shall be applicable and Bidders to confirm their acceptance for the same:

"BHEL shall resort to Reverse Auction (RA) for this tender (RA Guidelines are available at www.bhel.com).

Price bids of all eligible techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in RA. In case any bidder does not participate in online Reverse Auction, the bidder's sealed envelope price bid along with the applicable loading, if any, shall be considered for ranking."

8. DELIVERY TERMS

- a) Goods shall be delivered on 'FOR Destination' basis to the named destination unless otherwise called for in the tender enquiry.
- b) Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone.

9. LIQUIDATED DAMAGES (LD) FOR LATE DELIVERY

a) Where items of Purchase Order are independently usable

Liquidated Damages (LD) for Late Deliveries shall be applicable @0.5% per week or part thereof on the value of respective delayed supplies subject to a maximum of 10% of the value of respective delayed supplies. Value of delayed supplies will mean the Gross Value payable to the vendor (Before LD) against such supplies excluding taxes and duties.

b) Where the total items are required for a main equipment and items are interdependent

Liquidated Damages (LD) for Late Deliveries shall be applicable @0.5% per week or part thereof on total value of Purchase Order subject to maximum of 10% of the total value of Purchase Order. Purchase Order value for this purpose shall be the Total Gross Value payable to the vendor (Before LD) excluding taxes and duties.

- c) Bidders are requested to quote the best delivery meeting the delivery requirements. BHEL reserves the right to reject the offers not meeting BHEL's delivery requirement.



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- d)** Bidder shall deliver the goods in the manner and schedule agreed under the terms and conditions of Purchase order.
- e)** **Delivery in Case of Rejection:** In case the material is rejected, then date of replacement will be considered as the actual date of delivery.
- f)** **Delivery Against Bank Documents:** In case payment terms quoted by bidder are documents through bank, and the delivery terms being "FOR Haridwar / FOR Transporter Godown" then date of delivery will be date of intimation by transporter / bidder of delivery of material at Haridwar for the LD purpose.
- g)** Where the payments are through bank, the documents may be presented for negotiation to BHEL authorized/ nominated bank.
- h)** BHEL may load maximum penalty under LD clause, to the extent the same is not agreed by the bidder, for the purpose of working out the comparative statement of prices of bidders.
- i)** Payment of Liquidated Damages (LD) shall not in any way relieve the vendor from any of its obligations & liabilities under the contract.
- j)** Liquidated Damages, wherever referred under this Tender/Agreement, shall mean and refer to the damages, not in the nature of penalty, which the supplier agrees to pay in the event of delay in delivery of stores, installation, commissioning, breach of contract etc. as the case may be. Liquidated Damages leviable upon the supplier 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. Grant of any provisional time extension shall by no means be considered as waiver of BHEL rights under the contract or law.

10. PAYMENT TERMS

- a) BHEL's standard payment term is Payment after receipt and acceptance of materials / items at HEEP, BHEL-Stores or at desired destination unless otherwise specified in Special Terms attached to the tender enquiry.
- b) BHEL reserves the right to accept or reject the offer of the bidder who quotes the payment term other than BHEL's standard payment term.
- c) Loading on account of deviation in payment terms shall be done as per extant rules of BHEL-Haridwar.
- d) 100% payment along with taxes, freight & insurance shall be made within 90/ 60/ 45 days (as applicable) from material entry date subject to submission of non-discrepant documents by vendor and acceptance of material by BHEL as per terms and conditions of Purchase Order. In case of any objection in documents/acceptance of material, the same shall be informed to vendor within 15 days of delivery of the material. In such a case, the payment shall be made to the vendor within 90/ 60/ 45 days (as applicable) of the day such objection is removed by the vendor.



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- e) For MSMEs (covered under MSME Act), wherever such status claimed by vendor and accepted by BHEL, the payment shall be made within 45 days for Micro and Small category and 60 days for Medium category from material entry date or as prescribed in the relevant act. Other conditions w.r.t. submission of dispatch documents and acceptance of material shall remain the same as elaborated above in Sl. No. 10(d).
- f) Adherence to the above time schedule of payment is contingent upon Vendor complying with GST Rules w.r.t. availment of Input Tax Credit by BHEL.
- g) In case GST credit is delayed / denied to BHEL, due to non / delayed receipt of goods and / or tax invoice or expiry of the timeline prescribed in GST Law for availing such ITC, or any other reason not attributable to BHEL, GST amount shall be recoverable from Vendor along with interest levied / leviable on BHEL.
- h) The taxes and duties that are reimbursed would be the ones applicable as on the contractual Purchase order delivery date or the amount actually paid whichever is less.
- i) **The loading criteria for the different payment terms shall be as under:**

Payment Terms	Days of Loading
From material entry date within 90 /60/ 45 (as applicable) days of supply.	No Loading
Against documents through bank (CAD):	60 days – For Micro & Small categories; 75 days – For Medium Category; 105 days – For Normal Category
Letter of Credit (LC)	120 days
Usance LC	No Loading if usance period is > 120 Days.
	Loading of days difference i.e. difference between 120 days and usance period if the usance period is < 120 days.

*Loading for any deviation in the payment terms wrt NIT terms shall be done as follows:

Base rate of SBI (as applicable on the date of bid opening; techno-commercial bid opening in case of 2-part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.

11. TAXES & DUTIES

- a) 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



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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.

b) GST (Goods and Services Tax)

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.
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.
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. 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.
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.
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.
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.
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.



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- 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.
9. Any financial loss arising 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.
10. TDS as applicable under GST law shall be deducted from Supplier/Vendor's bill.
11. Supplier/Vendor shall comply with the provisions of e-way bill wherever applicable. Further wherever provisions of GST Act permit, all e-way bills, road permits etc. required for transportation of goods needs to be arranged by the contractor.
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.
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.
14. Any denial of input credit to BHEL or levy 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.
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.
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.



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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.

c) INCOME TAX:

TDS/TCS as applicable under Income Tax Act, 1961 or rules made thereunder shall be deducted/collected from Supplier/Vendor's bill.

d) IMPORTED GOODS OFFERED BY INDIAN BIDDERS AGAINST DEALER INVOICE:

Wherever the material being offered is imported, the bidder must quote the prices inclusive of IGST. The rate and value of IGST as included in the price must be indicated separately. In case quantum of IGST is not mentioned by the bidder the same will not be considered for evaluation. However, bidder will have to pass on the benefit of IGST to BHEL at the time supply.

- e) In case of directly dispatchable items to Customer's Site, BHEL-Haridwar will inform the GST registration number of the respective customer which must be mentioned on the vendor's invoice. Vendor to ensure availability of such information from BHEL-Haridwar before dispatch of any material. However, while filing GSTN-1, BHEL Haridwar GSTN number to be quoted.

Note: - Vendors must ensure compliance of all the applicable rules and procedure as envisaged in the GST Regime. Any loss to BHEL-Haridwar due to fault / non-compliance by the vendor will be to the vendor's account.

12. BANK GUARANTEE

In case the bank guarantees are required to be deposited towards security deposit/performance guarantee or for any other purpose as per the terms of this tender enquiry, such bank guarantees of the requisite value in the denominated currency of the purchase order should be from one of the Indian branches of BHEL consortium banks and the bank guarantee should be in the proforma as prescribed by BHEL. The proforma of bank guarantee and the list of consortium banks are displayed at BHEL website <https://hwr.bhel.com>. However, in case the bank guarantee is not from BHEL consortium banks, then the bidder has to get the bank guarantee confirmed from one of the Indian branches of BHEL consortium banks and the bank charges for such confirmation will be borne by the bidder.



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13. GUARANTEE / WARRANTY AND CORRESPONDING REPAIRS / REPLACEMENT OF GOODS

- a) Goods shall comply with the specifications for material, workmanship and performance. Unless otherwise specified, the warranty shall be for a period of 18 months from the date of receipt. If the delivery is found non-compliant during the warranty period, leading to rejection, the Seller shall arrange free replacement / repair of goods, within one month from the date of intimation or any mutually agreed period. The rejected goods shall be taken away by the Seller at his cost and replaced on Delivered Duty Paid (DDP) or FOR - BHEL Stores / designated destination basis within such period. In the event of the Seller's failure to comply, Purchaser may take action as appropriate based on the contract conditions. In case the defects attributable to Seller are detected during processing of the goods at BHEL or at our subcontractor's works, the Seller shall be responsible for free replacement / repair of the goods as required by BHEL.
- b) **RETURN OF REJECTED MATERIAL FOR REPLACEMENT:** The bidder shall have to pay 5% incidental charges while taking back supplied material if it is found rejected on receipt. The rejected material shall be sent back only after receipt of replacement / submission of BG / refund of amount paid.

14. QUALITY REQUIREMENT

- a) The vendor's bid / quotation should have specific confirmation regarding meeting all our quality requirements such as (i) Test Certificate (TC) (ii) Guarantee Certificate (GC) / Warranty Certificate (WC) (iii) Quality Plan (QP) (if applicable) and (iv) Pre-Dispatch Inspection at vendor's works (if applicable).
- b) For Indian suppliers, the 3rd party inspection charges are paid by BHEL. Hence, in all such cases, where bids have been received from both Indian and Foreign bidders, the offers of Indian bidders shall be loaded by 0.20% to work out the comparative status of the prices.

15. VALIDITY

The quotation should be valid for a minimum period of 90 days effective from the date of opening of tender, unless otherwise specified in the tender enquiry.

16. RIGHT OF ACCEPTANCE

- a) BHARAT HEAVY ELECTRICALS LIMITED HARIDWAR reserves the right to reject any or all the bids/ quotations without assigning any reason thereof. BHEL also reserves the right to increase or decrease the tendered quantities. Bidders should be prepared to accept order for reduced quantity without any extra charges.
- b) Any discount / revised offer / bids submitted by a bidder on its own shall be considered, provided it is received on or before the due date and time of offer / bid submission (Part-1). Conditional discounts shall not be considered for evaluation of tenders.



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- c) Unsolicited discounts / revised offers / bids given after Part-1 bid opening shall not be accepted. No change in price will be permitted within the validity period asked for in the tender enquiry.
- d) In case of changes in scope and / or technical specification and / or commercial terms & conditions having price implication, techno-commercially acceptable bidders shall be asked by BHEL to submit the impact of such changes on their price bids. In case a bidder opts to submit revised price bid instead of impact called for then the latest price bid shall prevail. However, in both situations, original price bid will be necessarily opened.
- e) The bidder whose bid is technically not accepted will be informed & EMD wherever submitted shall be returned after finalization of contract. EMD shall be forfeited in the event of bidder opting out after tender opening.
- f) BHEL reserves the right to short close the existing Purchase Order / Rate Contract / Work Order or any extension thereof at any stage.

17. TRANSIT INSURANCE

- a) In case of Ex-Works dispatch by seller, Transit Insurance will be covered by BHEL under its open Insurance Policy. Seller shall inform dispatch particulars (Purchase Order, RR /GR, Invoice value etc.) to "Finance department (Store bill Section), BHEL, Ranipur, Haridwar (Uttarakhand-India) with a copy to the Purchaser within 7 days of dispatch for BHEL to arrange insurance coverage in its policy. Failure on the part of seller to inform dispatch particulars will make him liable to pay for any transit damages/ losses suffered by the Purchaser.
- b) In case of FOR Destination dispatch by seller, Transit Insurance shall be arranged by seller.

18. BREACH OF CONTRACT, REMEDIES AND TERMINATION

BREACH OF CONTRACT:

The following shall amount to breach of contract:

- i. 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.
- ii. 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.
- iii. The Supplier/Vendor delivers equipment/ material not of the contracted quality.
- iv. The Supplier/Vendor fails to replace the defective equipment/ material/ component as per guarantee clause.
- v. Withdrawal from or abandonment of the work by the Supplier/Vendor before completion as per contract.
- vi. Assignment, transfer, subletting of Contract by the Supplier/Vendor without BHEL's written permission resulting in termination of Contract or part thereof by BHEL.
- vii. Non-compliance to any contractual condition or any other default attributable to Supplier/Vendor.



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viii. 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.

ix. 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.

x. 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.

REMEDIES IN CASE OF BREACH OF CONTRACT:

- 1- Wherein the period as stipulated in the notice issued under above clause 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.
- 2- 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.
- 3- 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:
- 4- 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.



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- 5- 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.
- 6- In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier/Vendor.
- 7- 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.
- 8- 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:

1. 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



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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.

19. FORCE MAJEURE CLAUSE

1. "Force Majeure" shall mean circumstance which is:

- a) beyond control of either of the parties to contract,
- b) either of the parties could not reasonably have provided against the event before entering into the contract,
- c) having arisen, either of the parties could not reasonably have avoided or overcome, and
- d) is not substantially attributable to either of the parties

And

Prevents the performance of the contract.

Such circumstances include but shall not be limited to:

- i. War, hostilities, invasion, act of foreign enemies.
 - ii. Rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war.
 - iii. Riot, commotion or disorder by persons other than the contractor's personnel and other employees of the contractor and sub-contractors.
 - iv. Strike or lockout not solely involving the contractor's personnel and other employees of the contractor and sub-contractors.
 - v. 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.
 - vi. Natural catastrophes such as earthquake, tsunami, volcanic activity, hurricane or typhoon, flood, fire, cyclones etc.
 - vii. Epidemic, pandemic etc.
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.
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.
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



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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.

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.
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

20. CONSEQUENTIAL LOSS

Neither party shall be liable to the other for any indirect or consequential loss or damage, including but not limited to loss of use, loss of profits, or loss of contracts, or special, punitive, exemplary losses whatsoever arising out of or in connection with this contract.

21. NON-DISCLOSURE AGREEMENT

The bidders shall enter into the Non-disclosure agreement separately. Format attached.

22. 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.

23. SETTLEMENT OF DISPUTE/ ARBITRATION

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.



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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 below.

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)).

ARBITRATION

- 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 above clause 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 Arbitral Institution i.e. Delhi International Arbitration Centre and such dispute to be adjudicated by Sole Arbitrator appointed in accordance with the Rules of said Arbitral Institution.
- 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.
- 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 i.e. Delhi International Arbitration Centre 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 Retired 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 a specific Arbitral institution for adjudication of that dispute shall be final and binding



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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

- 4- The fee and expenses shall be borne by the parties as per the Arbitral Institutional rules.
- 5- The Arbitration proceedings shall be in English language and the seat and venue of Arbitration shall be Haridwar.
- 6- The Governing law of contract shall be the substantive law of India.
- 7- 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.
- 8- 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.
- 9- 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.
- 10- 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.
- 11- 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.
- 12- **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 of CPSEs Disputes) as mentioned in DPE OM No. 05/0003/2019-FTS-10937 dated 14-12-2022 as amended from time to time.

24. JURISDICTION

The Court situated at Haridwar shall alone have exclusive jurisdiction in regard to all matters in respect of the Contract.



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GOVERNING LAWS

The contract shall be governed by the Law for the time being in force in the Republic of India.

25. DEMURRAGE RESPONSIBILITY

In the event of delay in receipt of documents by Manager (Stores-Shipping) BHEL-Haridwar and in case where dispatches are made through Unapproved Transporter the sole responsibility for demurrage for such delay shall be that of supplier.

26. CONDITIONS FOR AVAILING MICRO & SMALL ENTERPRISES (MSE) BENEFITS

MSE Suppliers can avail the intended benefits only if they submit valid "Udhyam Registration certificate" with the offer.

1. However, credentials of all MSE suppliers will be verified before advancing the intended benefits.
2. MSE bidders claiming SC/ST status will have to submit SC/ST certificate of the Proprietor from competent authority. Attested (notarized or attested by Gazetted officer) copy to be submitted along with the offer.
3. In case techno-commercial accepted bidders include MSE source and their prices (based on landed cost – considering quoted prices) are within the price band of 15% w.r.t. L-1 bidder, then BHEL can offer **25%** of quantity of respective item (rounded off to nearest number) to MSE bidders at L-1 price and in case, more than one MSE bidder is in 15 % band and the same is accepted by more than one MSE bidders then **25%** quantities of respective items will be considered for ordering on proportionate basis amongst MSE bidders.
4. There will be minimum of 3% reservation for women owned MSEs within the above mentioned 25% reservation.
5. The reservation for MSEs owned by SC/ST will be 6.25% {25% out of target of 25% - refer para 4 of Public Procurement Policy for the Micro and Small Enterprises (MSEs)}.
6. The definition of MSEs owned by Women Entrepreneurs is clarified as under:
 - a) In case of proprietary MSE, proprietor shall be Woman.
 - b) In case of partnership MSE, the Woman partners shall be holding at least 51% of share in the unit.
 - c) In case of Private Limited companies, at least 51% share shall be held by Women promoters.
7. The definition of MSEs owned by SC/ST is clarified as under:
 - a) In case of proprietary MSE, proprietor(s) shall be SC/ST.
 - b) In case of partnership MSE, the SC/ST partners shall be holding at least 51% of shares in the unit.
 - c) In case of Private Limited companies, at least 51% share shall be held by SC/ST promoters.
8. While distributing the **25%** quantity amongst MSE bidders the decimal points in quantity shall be ignored for all the bidders except the L-1 amongst MSE bidders. Balance quantity after allocating the quantity to other MSE bidders ignoring the quantities in decimal, shall be given to L-1 (amongst MSE) bidder. However, if there are more than one MSE bidder at the same price level than preference for additional quantities due to ignoring off the decimal (as mentioned above) shall be given to the bidder



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offering favorable terms to BHEL and if the conditions offered are also same then preference will be given to the bidder having high SPR rating.

9. In case there are more than one MSE bidders (with different landed cost to BHEL) within 15% price band of lowest bidder and quantity to be offered is 1 no. only, then preference shall be given to the MSE bidder with lowest landed cost.
10. In case there are more than one MSE bidders (with same landed cost to BHEL) within 15% price band of lowest bidder and quantity to be offered is 1 no. only, then preference shall be given first, based on the favorable terms in the bid and in case terms are also same, the bidder with high SPR rating shall be given preference.
11. If L1 bidder is MSE bidder, entire quantity will be given to such MSE bidder only.
12. Note: It may however be noted that MSE guidelines as on date (Date of Technical Bid Opening Part-1) shall prevail.
13. As per the OM No. F.No. 1(2)(1)/2016-MA dtd. 09.02.2017 issued from the Office of Development Commissioner (Micro, Small & Medium Enterprises), Traders and agents should not be allowed to avail the benefits extended under the PP Policy. In view of this, it is clarified that benefits of MSE (such as EMD Waiver, Tender fee exemption, Price preference, Payment preference etc.) will be given only to those MSE Vendors who are manufacturers of offered items against the NIT. No MSE benefits shall be provided to Agents / Stockists / Dealers / Traders etc. for the items offered but not manufactured by themselves.

27. INFORMATION TO THE BIDDERS

- a) Purchase related information is available at our Business-to- Business (B2B) Portal available on our website <https://hwr.bhel.com> . The user ID & password can be obtained by sending a request to concerned purchase executives.
- b) Intimate your change in mail address or communication address or changes, if any, by email to AGM (SDX/MM) giving your bidder Code.
- c) Please resolve your rejections and unexecuted overdue purchase order immediately which are posted at our B2B Portal, which can be visited through our site <https://hwr.bhel.com>
- d) 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.
- e) Supplier must upload digitally signed e-Invoice on B2B portal for processing of Bills.

28. MAKE IN INDIA (GOVT-NOTIFICATION)

- A. For this procurement, the local content to categorize a supplier as Class-I local supplier / Class-II local supplier/ Non-local supplier and purchase preference to Class-I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of



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subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against the NIT.

- B. Vendors shall specifically confirm if they are Class-I local supplier or Class-II local supplier or not as per the above-mentioned notification. Accordingly, the 'Class-I local supplier' / 'Class-II local Supplier' at the time of bidding shall be required to indicate percentage of local content and provide self-certification that the offered item meets the local content requirement for 'Class-I local supplier' / 'Class-II local Supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made.
- C. In cases of Procurement for a Value in Excess of Rs. 10 Crores, the 'Class-I local supplier' / 'Class-II local Supplier' shall be required to provide a Certificate from the Statutory Auditor or Cost Auditor of the Company (in the case of companies) or from a practicing Cost Accountant or practicing Chartered Accountant (in respect of suppliers other than companies) indicating the percentage of Local Content.
- D. 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.

29. RESTRICTIONS UNDER RULE 144(XI) OF THE GENERAL FINANCIAL RULES (GFRs), 2022

All provisions of Order No. F.No.7/10/2021-PPD(1) dated 23/2/2023 of Department of Expenditure (DoE) shall be applicable for this tender enquiry (Order copy is available at <https://doe.gov.in/procurementpolicy-divisions>).

Accordingly, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority, specified in Annexure I of the said Order of DoE.

The definition of Bidder from a country which shares a land border with India shall be as defined at Sl.No. 12 of the said order.

Registration with the competent authority as stipulated in the said order shall be responsibility of the bidder.

Bidder has to submit a certificate certifying following along with the offer:

"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 bidder (.... Name of Bidder) is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that bidder (.....Name of bidder) fulfils all requirements in this regard and is eligible to be considered"



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If the bidder is from such country which shares a land border with India, the evidence of valid registration by the Competent Authority shall be attached along with offer. 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.

30. NOTE

- a) Special conditions of enquiry, if enclosed by BHEL, will supersede the respective standard / general terms of enquiry.
- b) Any other Standard terms and Conditions of the bidder attached / referred against the tender enquiry will be treated as null and void ab initio.
- c) 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.
- d) 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 Guidelines for Suspension of Business Dealings with Suppliers / Contractors shall prevail which is available at BHEL website <http://www.bhel.com>.
- e) 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.
- f) 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.
- g) 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.
- h) The bidder along with its associate / collaborators / subcontractors / 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.



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- i) BHEL shall recover the amount of compensation paid to victim(s) by BHEL towards loss of life / permanent disability due to an accident which is attributable to the negligence of contractor, agency or firm or any of its employees as detailed below;
1. **Victim:** Any person who suffers permanent disablement or dies in an accident as defined below.
 2. **Accident:** Any death or permanent disability resulting solely and directly from any unintended and unforeseen injurious, occurrence caused during the manufacturing / operation and works incidental thereto at BHEL factories/ offices and precincts thereof, project execution, erection and commissioning, services, repairs and maintenance, trouble shooting, serving , overhaul, renovation and retrofitting , trial operation, performance guarantee testing undertaken by the company or during any works / during working at BHEL Units/ Offices/ townships and premises/ project sites.
 3. **Compensation in respect of each of the victims:**
 - i. In the event of death or permanent disability resulting from Loss of both limbs: Rs. 10,00,000/- (Rs. Ten Lakh).
 - ii. In the event of other permanent disability: Rs. 7,00,000/- (Rs. Seven Lakh).
 4. **Permanent Disablement:** A disablement that is classified as a permanent total disablement under the proviso to Section 2(I) of the Employees Compensation Act, 1923."
- j) The bidder must comply with applicable laws, rules and regulations throughout the terms of the contract for conducting business and fulfilling obligations under this contract.



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Annexure-1

ONE SIDED

NON-DISCLOSURE AGREEMENT

THIS NON DISCLOSURE AGREEMENT (this "Agreement") entered into on this day of June, 20.. (the "Effective Date") By and Between **Bharat Heavy Electricals Limited (a Public Sector Undertaking of Government of India)**, a company incorporated under the Companies Act, 1956 and having its registered office at having its registered office at "BHEL House", Siri Fort, New Delhi - 110 049, India (hereinafter referred to as "**BHEL**" of which the expression shall unless repugnant to the context or the meaning thereof be deemed to include its successors and permitted assigns) (hereinafter referred to as "BHEL"),

And

ABC, a Company incorporated under the laws of and having its registered office at (hereinafter referred to as "ABC").

The party who is receiving information would be referred as Receiving Party and the party who is disclosing information would be referred as Disclosing Party, as the context requires.

WHEREAS

(A) The Disclosing Party and The Receiving Party wish to explore and discuss the potential of certain mutually advantageous business relationships for _____, for the purpose ofproducts in India ('the Purpose');

(B) The Disclosing Party, in furtherance of such business relationship, will disclose certain information, including but not limited to, scientific, development, financial, marketing, sales or other proprietary information;

(C) The Receiving Party and the Disclosing Party wish to protect and preserve the confidentiality of such information provided by the Disclosing Party to the Receiving Party by preventing its unauthorized disclosure and use, in accordance with the terms of this Agreement; and

(D) The Receiving Party agrees to hold such information in strict confidence and not to disclose or to use, directly or indirectly, for any purpose other than the performance of this Agreement

NOW, THEREFORE and in consideration of the promises made herein, their mutual and individual interests, and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, the Parties agree as follows:

1. PURPOSE: Purpose to ne mentioned here.

2. DISCLOSING PARTY. means a Party that discloses the confidential information to the other party under this agreement.

3. RECEIVING PARTY means a Party that receives the confidential information from the other party under this agreement.



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4. Confidential Information

(a) Subject to the provisions of this Agreement, all information disclosed by the Disclosing Party to the Receiving Party, shall be deemed to be "Confidential Information" for the purposes of this Agreement.

(b) (i) It is clarified that Confidential Information shall include, but is not limited to, any trade secret, technique, strategy, component, concept, program, report, study, memorandum, correspondence, documentation, information, manual, record, data, technology, product, plan, design, procedure, method, invention, sample, notes, summaries, analyses, compilations and other writings, producing any such sample, medium, test data relating to any research project, work in progress, future development, engineering, manufacturing, marketing, pricing, billing, servicing, financing, personnel matter, its present or future products, sales, suppliers, clients, customers, employees, investors, or any other information which the Disclosing Party provides to the Receiving Party whether in oral, written, graphic or electronic form and whether or not such information is identified as such by an appropriate stamp or marking. The Confidential Information shall also include all reports, notes or other material prepared by the Receiving Party based on the Confidential Information and/ or any discussion thereon.

(ii) Confidential Information includes information disclosed by the Disclosing Party or by any individual, firm or corporation controlled by, controlling, or under the common control of the Disclosing Party.

(c) Confidential Information shall not include any information which the Receiving Party can demonstrate to the Disclosing Party:

(1) is now, or has become, through no act or failure to act on the part of the Receiving Party, generally known or available to the public;

(2) is known by the Receiving Party at the time of receiving such information as evidenced by its records;

(3) is discovered/independently developed by the Receiving Party independent of any disclosures by the Disclosing Party; or

(4) is hereafter furnished to the Receiving Party by a third party, as a matter of right and without restriction on disclosure.

(d) Notwithstanding any other provision of this Agreement, the Receiving Party shall be permitted to disclose Confidential Information if such disclosure is in response to a valid order of a court or other governmental body, provided, however, that the Receiving Party shall be required to give prior notice in writing to the Disclosing Party so that the Disclosing Party may seek an appropriate protective order including that the Confidential Information so disclosed be used only for the purposes for which the order was issued;

5. Disclosure

In consideration of the disclosure of Confidential Information, the Recipient hereby agrees to:

(a) Shall treat as confidential and safeguard all information disclosed and/or its Affiliates in connection

(b) to hold the Confidential Information in strict confidence and to take all necessary precautions to protect such Confidential Information (including, without limitation, all precautions the Recipient employs with respect to its own confidential materials);

(c) limit disclosure of any Confidential Information to its concerned directors, officers and employees, (collectively "Representatives") strictly only to who have a need to know such Confidential Information in connection with the Transaction between the parties to which this Agreement relates, and only for that purpose;

(d) advise its Representatives of the proprietary nature of the Confidential Information and of the obligations set forth 2 in this Agreement and require in writing such Representatives to keep the Confidential Information confidential;

(e) shall keep all Confidential Information strictly confidential by using a reasonable degree of care, but not less than the degree of care used by it in safeguarding its own confidential information;

(f) not disclose any Confidential Information received by it to any third party; and



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- (g) not to copy or reverse engineer any such Confidential Information.
- (h) not to use the Confidential Information for any purpose other than the Transaction.
- (i) not use the information for any scientific research or any other research.
- (j) Confidential information does not include information:
 - a. Which is generally available to the public other than as a result of a breach of this Agreement; or
 - b. Which is already in the possession of Recipient without restriction prior to any disclosure hereunder; or
 - c. Which is or has been lawfully disclosed to Recipient by someone who is free lawfully to disclose the same without confidentiality restrictions; or
 - d. Which is independently developed by Recipient or its Affiliates and no Confidential information disclosed hereunder has been used directly or indirectly in such development; or
 - e. Whose applicable period of confidentiality pursuant hereto, or such other period specifically agreed to in writing by the parties, has ended
- (k) This agreement is not intended to, and does not, oblige either party to enter into any further agreements or to proceed with the transaction, any possible relationship or other transaction. Recipient acknowledges that Discloser makes no representation or warranty whether express or implied, as to the accuracy or completeness of Confidential information, and Discloser disclaims any and all liability unless contained in any definitive agreement.

Each Party will comply with all applicable data protection laws and regulations. Where applicable in particular if one Party receives access to and processes personal data on behalf of the other party in connection with this Agreement and such processing agreement, the Parties will enter into any required data processing of other data protection agreement

6. Restriction on Use

- (a) The Receiving Party and its Representatives shall hold the Confidential Information received from the Disclosing Party in confidence, and shall not, directly or indirectly:
 - (i) disclose the Confidential Information to any third party; or
 - (ii) use the Confidential Information for any purpose other than the permitted Purpose.
- (b) The Receiving Party shall not use the Confidential Information for any purpose or in any manner, which would constitute a violation of any applicable laws or regulations, directly or indirectly.
- (c) The Confidential Information shall be the property of the Disclosing Party. No rights, licenses or interests including, but not limited to, trademarks, inventions, copyrights or patents are implied, transferred or granted in relation to the Confidential Information provided by the Disclosing Party to the Receiving Party under this Agreement.
- (d) The Receiving Party shall not reproduce the Confidential Information in any form except as needed for the Purpose of the Agreement as set out above or with the prior written consent of the Disclosing Party.
- (e) All the title and rights in the Confidential Information shall be reserved with the respective Discloser and/or its licensors and no rights or obligations other than those expressly set out in this Agreement are granted or to be implied from this Agreement. In particular no license is granted to the Recipient, directly or indirectly, by this Agreement relating to any invention, discovery, patent, copyright or other industrial or intellectual property right now or in the future.



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7. Protection of Confidential Information

- (a) The Receiving Party represents and warrants that it shall protect the Confidential Information received with utmost care and diligence.
- (b) All Confidential Information shall be promptly returned to the Disclosing Party after the Receiving Party's need for it has expired, or upon request of the Disclosing Party, and in any event, upon completion or termination of this Agreement.

8. No Further Warranties

The Confidential Information shall be disclosed on an "**as is**" basis only and without any warranties of any kind, including but not limited to, warranties of merchantability or fitness for a particular purpose.

9. No Further Business Arrangement

Nothing contained herein shall be construed to obligate either Party to enter into any further agreements with each other. This Agreement does not create any other business arrangement, including but not limited to any partnership, agency or joint venture, between the Parties.

10. Term

The term of this Agreement shall commence on the Effective Date and valid for the period of two (2) years. The Disclosing party shall have a right to terminate this Agreement by giving a written notice of 30 days to the Receiving Party. However, the Receiving Party obligation to protect and restrict the use of Confidential Information under this Agreement shall continue until such time as the Disclosing Party discloses it to the public or when it otherwise becomes part of the public domain through no action of the Receiving Party.

11. Injunctive remedy

The Recipient acknowledges that the Confidential Information to be disclosed hereunder is commercially sensitive of a unique and valuable character, and that the unauthorized dissemination of the Confidential Information would destroy or diminish the value of such information. The damages that would result from the unauthorized dissemination of the Confidential Information would be impossible to calculate. Therefore, Recipient hereby agrees that the affected Discloser shall be entitled to injunctive relief preventing the dissemination of any Confidential Information in violation of the terms hereof. Such injunctive relief shall be in addition to any other remedies available hereunder, whether at law or in equity. The affected Discloser shall be entitled to recover all its damages, costs and fees, including reasonable attorneys' fees, incurred in obtaining any such relief. Further, in the event of litigation relating to this Agreement, the prevailing party shall be entitled to recover its reasonable attorney's fees and expenses.

12. Return of Confidential Information

Recipient shall immediately return and redeliver to the respective Discloser all tangible material embodying the Confidential Information provided hereunder and all notes, summaries, memoranda, drawings, manuals, records, excerpts or derivative information deriving there from and all other documents or materials ("Notes") (and all copies of any of the foregoing, including "copies" that have



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been converted to computerized media in the form of image, data or word processing files either manually or by image capture) based on or including any Confidential Information, in whatever form of storage or retrieval, upon the earlier of (i) the completion or termination of the dealings between the parties contemplated hereunder; (ii) the termination of this Agreement; or (iii) any breach of this agreement, in which case the party in breach shall also be liable towards the Disclosers under the law and this Agreement or (iv) at such time as the respective Discloser may so request; provided however that the Recipient may retain such of its documents as is necessary to enable it to comply with its document retention policies. Alternatively, the Recipient, with the written consent of the respective Discloser may immediately destroy any of the foregoing embodying Confidential Information (or the reasonably non-recoverable data erasure of computerized data) and, upon request, certify in writing such destruction by an authorized officer of the Recipient supervising the destruction).

13. Notice of Breach

Recipient shall notify the Disclosers immediately upon discovery of any unauthorized use or disclosure of Confidential Information by Recipient or its Representatives, or any other breach of this Agreement by Recipient or its Representatives, and will cooperate with efforts by the Discloser regain possession of Confidential Information and prevent its further unauthorized use.

14. Survival

The provisions of Clauses 8, 9 & 10 of this Agreement, and the rights and obligations contained there under shall not terminate upon termination of this Agreement.

15. Governing Law & Dispute Resolution

The contract shall be governed by the Law for the time being in force in the Republic of India. Civil Court having original Civil Jurisdiction at (name of Place) shall alone have exclusive jurisdiction in regard to all matters in respect of this agreement.

Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, 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, then, either Party may, by a notice in writing to the other Party refer such dispute or difference to arbitration. The arbitration shall be conducted by three arbitrators, one to be appointed by each of the Parties and a third arbitrator to be appointed by the mutual consent of the two arbitrators so appointed by the Parties. The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties. Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be _____ (the place from where the contract is issued)

16. No Publication

Neither Party shall disclose, publicise or advertise in any manner the discussions or negotiations contemplated by the Agreement without the prior written consent of the other Party, except as may be required by law.



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17. Miscellaneous

(a) This Agreement constitutes the entire understanding between the parties and supersedes any and all prior or contemporaneous understandings and agreements, whether oral or written, between the parties, with respect to the subject matter hereof. This Agreement can only be modified by a written amendment signed by the party against whom enforcement of such modification is sought.

(b) Any failure by a Discloser to enforce the Recipient's strict performance of any provision of this Agreement will not constitute a waiver of its right to subsequently enforce such provision or any other provision of this Agreement.

(c) Although the restrictions contained in this Agreement are considered by the parties to be reasonable for the purpose of protecting the Confidential Information, if any such restriction is found by a court of competent jurisdiction to be unenforceable, such provision will be modified, rewritten or interpreted to include as much of its nature and scope as will render it enforceable. If it cannot be so modified, rewritten or interpreted to be enforceable in any respect, it will not be given effect, and the remainder of the Agreement will be enforced as if such provision was not included.

(d) Any notices or communications required or permitted to be given hereunder may be delivered by hand, deposited with a nationally recognized overnight carrier, electronic-mail, or mailed by certified mail, return receipt requested, postage prepaid, in each case, to the address of the other party first indicated above (or such other addressee as may be furnished by a party in accordance with this paragraph). All such notices or communications shall be deemed to have been given and received (a) in the case of personal delivery or electronic-mail, on the date of such delivery, and (b) in the case of delivery by a nationally recognized overnight carrier, on the third business day following dispatch.

(e) Parties shall not directly or indirectly assign or transfer it by operation of law or otherwise without the prior written consent of the Disclosers, which consent will not be unreasonably withheld. All obligations contained in this Agreement shall extend to and be binding upon the parties to this Agreement and their respective successors, assigns and designees.

(f) Paragraph headings used in this Agreement are for reference only and shall not be used or relied upon in the interpretation of this Agreement.

18. Notices

All notices, documents, consents, approvals or other communications (a 'Notice') to be given hereunder shall be in writing and shall be transmitted by first class registered or recorded delivery mail to the person at the address specified herein below, or by telex, facsimile or other electronic means in a form generating a record copy to the party being served at the relevant address for that party shown herein below. Any Notice sent by mail shall be deemed to have been duly served on receipt of delivery confirmation. Any Notice sent by telex facsimile or other electronic means shall be deemed to have been duly served at the time of transmission.

Notice if to:

BHEL, then to,

Phone : Fax :



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E-mail :

ABC, then to,

(Name) _____

(Designation) _____

Phone :

Fax :

E-mail :

19. Counterparts, Telefax Signatures

This Agreement may be signed in two counterparts, each of which is to be considered an original, and taken together as one and the same document.

IN WITNESS WHEREOF, of their Agreement to the terms and conditions contained herein, the undersigned have caused this Agreement to be executed by their duly authorized representatives:

For Bharat Heavy Electricals Limited	For ABC
Signature:	Signature:
Name:	Name:
Designation:	Designation:
Signature:	Signature:
Name:	Name:
Designation:	Designation:



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Annexure-2

BOTH SIDED

NON-DISCLOSURE AGREEMENT

THIS AGREEMENT (the "Agreement") is entered into at _____ on this ____ day of _____ ("Effective Date") by and between;

M/s ABC, a company incorporated under the Laws of Companies Act 1956 and having their registered office at New Delhi - (the "**Discloser**" or "ABC"), which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successor in interest, designates, and permitted assigns.

AND

M/S XYZ _____, a company incorporated under the laws of _____ and having its principle place of business _____ and registered office at _____ represented by its _____ (the "**Recipient**" or "_____"), which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successor in interest, designates, and permitted assigns

Where appropriate, the **Discloser**, the **Recipient** shall individually / neutrally be referred to as "**Party**", and both together as **Parties**. WHEREAS...

A) In connection with (describe transaction/cooperation) or any successor or replacement transaction (the Transaction), the Parties may have exchanged and wish further to exchange certain information on a confidential basis

B) The Parties wish to define their rights and obligations with regard to such information and protect its confidentiality

1. Definition of Confidential Information

(a) For purposes of this Agreement, "Confidential Information" means the information as well as any data or information that is proprietary of the Discloser and not generally known to the public, whether in tangible or intangible form, whenever and however disclosed, including, but not limited to: (i) any scientific or technical information, invention, design, process, procedure, formula, improvement, technology or method; (ii) any concepts, reports, data, know-how, works-in-progress, designs, development tools, specifications, computer software, source code, object code, flow charts, databases, inventions, information and trade secrets; (iii) any marketing strategies, plans, financial information, or projections, operations, sales estimates, business plans and performance results relating to the past, present or future business activities of such party, its affiliates, subsidiaries and affiliated companies; (iv) plans for products or services, and customer or supplier lists. Confidential Information need not be novel, unique, patentable, copyrightable or constitute a trade secret in order to be designated Confidential Information. The Recipient acknowledges that the Confidential Information is proprietary to the respective Discloser and that the Discloser regards all of its Confidential Information as secrets.

(b) Notwithstanding anything in the foregoing to the contrary, Confidential Information shall not include information which: (i) was known to the Recipient without a duty of confidentiality prior to receiving the



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Confidential Information from the respective Discloser; (ii) becomes rightfully known to the Recipient from a third-party source not known (after diligent inquiry) by the Recipient to be under an obligation to the respective Discloser to maintain confidentiality; (iii) is or becomes publicly available through no fault of or failure to act by the Recipient in breach of this Agreement; (iv) is required to be disclosed in a judicial or administrative proceeding, or is otherwise requested or required to be disclosed by law or regulation, but only to the extent of any such disclosure, although the requirements of paragraph 4 hereof shall apply prior to any disclosure being made; and (v) is or has been independently developed by the Recipient without violation of the terms of this Agreement or reference or access to any Confidential Information.

2. Disclosure of Confidential Information

In consideration of the disclosure of Confidential Information, the Recipient hereby agrees to:

- (a) treat as confidential and safeguard all information disclosed and/or its Affiliates in connection
- (b) hold the Confidential Information in strict confidence and to take all necessary precautions to protect such Confidential Information (including, without limitation, all precautions the Recipient employs with respect to its own confidential materials);
- (c) limit disclosure of any Confidential Information to its concerned directors, officers and employees, (collectively "Representatives") strictly only to who have a need to know such Confidential Information in connection with the Transaction between the parties to which this Agreement relates, and only for that purpose;
- (d) advise its Representatives of the proprietary nature of the Confidential Information and of the obligations set forth 2 in this Agreement and require in writing such Representatives to keep the Confidential Information confidential;
- (e) shall keep all Confidential Information strictly confidential by using a reasonable degree of care, but not less than the degree of care used by it in safeguarding its own confidential information;
- (f) not disclose any Confidential Information received by it to any third party; and
- (g) not to copy or reverse engineer any such Confidential Information.
- (h) not to use the Confidential Information for any purpose other than the Transaction.
- (i) not use the information for any scientific research or any other research.
- (j) Confidential information does not include information:
 - a. Which is generally available to the public other than as a result of a breach of this Agreement; or
 - b. Which is already in the possession of Recipient without restriction prior to any disclosure hereunder: or
 - c. Which is or has been lawfully disclosed to Recipient by someone who is free lawfully to disclose the same without confidentiality restrictions: or
 - d. Which is independently developed by Recipient or its Affiliates and no Confidential information disclosed hereunder has been used directly or indirectly in such development; or
 - e. Whose applicable period of confidentiality pursuant hereto, or such other period specifically agreed to in writing by the parties, has ended



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(k) This agreement is not intended to, and does not, oblige either party to enter into any further agreements or to proceed with the transaction, any possible relationship or other transaction. Recipient acknowledges that Discloser makes no representation or warranty whether express or implied, as to the accuracy or completeness of Confidential information, and Discloser disclaims any and all liability unless contained in any definitive agreement.

Each Party will comply with all applicable data protection laws and regulations. Where applicable in particular if one Party receives access to and processes personal data on behalf of the other party in connection with this Agreement and such processing agreement, the Parties will enter into any required data processing of other data protection agreement.

3. Use of Confidential Information

The Recipient agrees to use the Confidential Information solely for the Transaction and not for any purpose other than as authorized by this Agreement without the prior express written consent of an authorized representative of **parties**. No other right or license, whether expressed or implied, in the Confidential Information is granted to the Recipient hereunder. Nothing contained herein is intended to modify the parties' existing agreement of the Transaction. All the title and rights in the Confidential Information shall be reserved with the respective Discloser and/or its licensors and no rights or obligations other than those expressly set out in this Agreement are granted or to be implied from this Agreement. In particular no license is granted to the Recipient, directly or indirectly, by this Agreement relating to any invention, discovery, patent, copyright or other industrial or intellectual property right now or in the future.

4. Term

This Agreement will terminate (i) 5 (five) years after its effective date or (ii) upon effectiveness of a Transaction related agreement provided that such agreement contains confidentiality/non- disclosure provisions- whichever occurs earlier.

Notwithstanding the foregoing, the Recipient's and Discloser's duty to hold in confidence Confidential Information that was disclosed during such term as above.

5. Remedies

The Recipient acknowledges that the Confidential Information to be disclosed hereunder is commercially sensitive of a unique and valuable character, and that the unauthorized dissemination of the Confidential Information would destroy or diminish the value of such information. The damages that would result from the unauthorized dissemination of the Confidential Information would be impossible to calculate. Therefore, Recipient hereby agrees that the affected Discloser shall be entitled to injunctive relief preventing the dissemination of any Confidential Information in violation of the terms hereof. The affected Discloser shall be entitled to recover all its damages and costs.

6. Return of Confidential Information

Recipient shall immediately return and redeliver to the respective Discloser all tangible material embodying the Confidential Information provided hereunder and all notes, summaries, memoranda, drawings, manuals, records, excerpts or derivative information deriving there from and all other documents or materials ("Notes") (and all copies of any of the foregoing, including "copies" that have



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been converted to computerized media in the form of image, data or word processing files either manually or by image capture) based on or including any Confidential Information, in whatever form of storage or retrieval, upon the earlier of (i) the completion or termination of the dealings between the parties contemplated hereunder; (ii) the termination of this Agreement; or (iii) any breach of this agreement, in which case the party in breach shall also be liable towards the Disclosers under the law and this Agreement or (iv) at such time as the respective Discloser may so request; provided however that the Recipient may retain such of its documents as is necessary to enable it to comply with its document retention policies. Alternatively, the Recipient, with the written consent of the respective Discloser may immediately destroy any of the foregoing embodying Confidential Information (or the reasonably non-recoverable data erasure of computerized data) and, upon request, certify in writing such destruction by an authorized officer of the Recipient supervising the destruction).

7. Notice of Breach

Recipient shall notify the Disclosers immediately upon discovery of any unauthorized use or disclosure of Confidential Information by Recipient or its Representatives, or any other breach of this Agreement by Recipient or its Representatives, and will cooperate with efforts by the Discloser regain possession of Confidential Information and prevent its further unauthorized use.

8. No Binding Agreement for Transaction

The parties agree that neither party will be under any legal obligation of any kind whatsoever with respect to the Transaction by virtue of this Agreement, except for the matters specifically agreed to herein.

9. Applicable Law and Disputes

This Agreement shall be governed by and interpreted in accordance with the laws of India. Any dispute or difference arising out of or in relation to this Agreement, which cannot be resolved through negotiation, would be settled through arbitration in accordance with the Arbitration & Conciliation Act, 1996 time being in force, by appointing sole arbitrator with mutual consent. The seat of arbitration shall be New Delhi. The language of be used in the arbitral proceedings shall be English.

Any dispute or difference arising out of or in connection with this Agreement, including any question regarding its existence, validity or termination or the legal relationships established by this Agreement, which cannot be settled amicably within sixty (60) calendar days from the notification by one Party to the other Party of such dispute, shall be resolved by appointing sole arbitrator with mutual consent. The parties shall choose a retired judge of High court of Delhi from the panel list of Delhi International Arbitration Center, High Court of Delhi with mutual consent within 30 days from the date of failure of settlement. The fee of the arbitrator shall be shared by both the parties. The parties however shall bear the cost of arbitration its own.

This NDA shall be governed, construed and interpreted in accordance with the laws of India. Courts at shall alone have exclusive jurisdiction over any matter arising out of or in connection with this NDA.



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10. Miscellaneous

(g) This Agreement constitutes the entire understanding between the parties and supersedes any and all prior or contemporaneous understandings and agreements, whether oral or written, between the parties, with respect to the subject matter hereof. This Agreement can only be modified by a written amendment signed by the party against whom enforcement of such modification is sought.

(h) Any failure by a Discloser to enforce the Recipient's strict performance of any provision of this Agreement will not constitute a waiver of its right to subsequently enforce such provision or any other provision of this Agreement.

(i) Although the restrictions contained in this Agreement are considered by the parties to be reasonable for the purpose of protecting the Confidential Information, if any such restriction is found by a court of competent jurisdiction/arbitral tribunal to be unenforceable, such provision will be modified, rewritten or interpreted to include as much of its nature and scope as will render it enforceable. If it cannot be so modified, rewritten or interpreted to be enforceable in any respect, it will not be given effect, and the remainder of the Agreement will be enforced as if such provision was not included.

(j) Any notices or communications required or permitted to be given hereunder may be delivered by hand, deposited with a nationally recognized overnight carrier, electronic-mail, or mailed by certified mail, return receipt requested, postage prepaid, in each case, to the address of the other party first indicated above (or such other addressee as may be furnished by a party in accordance with this paragraph). All such notices or communications shall be deemed to have been given and received (a) in the case of personal delivery or electronic-mail, on the date of such delivery, and (b) in the case of delivery by a nationally recognized overnight carrier, on the third business day following dispatch.

(k) Parties shall not directly or indirectly assign or transfer it by operation of law or otherwise without the prior written consent of the Disclosers, which consent will not be unreasonably withheld. All obligations contained in this Agreement shall extend to and be binding upon the parties to this Agreement and their respective successors and permitted assigns. and designees.

(l) Paragraph headings used in this Agreement are for reference only and shall not be used or relied upon in the interpretation of this Agreement.

For Recipient: _____

<<<Mr. ____, designation (____)>>>

For Discloser : _____

<<<Mr. ____, designation (____)>>>

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first above written.

Witness 1: _____

Witness 2: _____



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Annexure-3

Declaration for treatment of cases regarding 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:

- a) 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;
- b) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- c) 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 Authorized distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- d) 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.

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.

(Signature of the authorized signatory of the bidder)

MODEL CONCILIATION CLAUSE FOR CONDUCTING CONCILIATION
PROCEEDINGS UNDER THE BHEL CONCILIATION SCHEME, 2018

The Parties agree that if at any time (whether before, during or after the arbitral or judicial proceedings), any Disputes (which term shall mean and include any dispute, difference, question or disagreement arising in connection with construction, meaning, operation, effect, interpretation or breach of the agreement, contract or the Memorandum of Understanding (delete whichever is inapplicable), which the Parties are unable to settle mutually), arise inter-se the Parties, the same may, be referred by either party to Conciliation to be conducted through Independent Experts Committee to be appointed by competent authority of BHEL from the BHEL Panel of Conciliators.

Notes:

1. No serving or a retired employee of BHEL/Administrative Ministry of BHEL shall be included in the BHEL Panel of Conciliators.

2. Any other person(s) can be appointed as Conciliator(s) who is/are mutually agreeable to both the parties from outside the BHEL Panel of Conciliators.

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 Annexure----- to this GCC/Agreement/Contract/MoU etc. (strike off whichever is inapplicable).

The Annexure ----- together with it's Formats will be treated as if the same is part and parcel hereof and shall be as effectual as if set out herein in this GCC/Agreement/Contract/MoU etc., (strike off whichever is inapplicable).

The Purchaser/Contractor/Seller etc. (insert the description of the other party to the Agreement/Contract/MoU etc., - whichever is applicable) agrees that the Purchaser/Contractor/Seller etc. (insert the description of BHEL - whichever is applicable) may make any amendments or modifications to the provisions stipulated in the Annexure ----- to this GCC/Agreement/Contract/MoU etc., (strike off whichever is inapplicable) from time to time and confirms that it shall be bound by such amended or modified provisions of the Annexure ----- with effect from the date as intimated by BHEL to it.

Sanjay Kumar