

TENDER DETAILS

<i>ENQUIRY No.</i>	1402400005	<i>ENQUIRY DATE</i>	10.04.2024
<i>DESCRIPTION</i>	Supply of 25CrMo4 / 24CrMo5 rods	<i>DUE DATE</i>	13.04.2024

Item Sl. No.	Description	Material Code	Unit	Quantity
10	Dia 40 mm rods 25CrMo4 / 24CrMo5 rods Length: 2 m to 3 m	D15730518002	kg	5923

ATTACHMENTS:

Pre-Qualification requirement

Annexure D - Enquiry Terms and Conditions

Annexure C - Vendor details


Local Content Certificate


Non-Disclosure Agreement

SPECIAL CONDITION ANNEXURE – A

PR No.: 0135673956

1. The indented items are required for NPCIL SG's Project.
2. Two-part bid, open tender to be floated.
3. End Use and End User Certificates will not be provided by BHEL.
4. Supply of Rods as per BHEL Input sheet-Engg & QA/01, Material Specification 24CrMo5/25CrMo4. Deviations, if any shall be indicated in the offer.
5. Supplier has to submit valid Raw Material Mill Test Certificate for BHEL review prior to commencement of production.
6. Supplier may supply the rods in random length between 2-3M.
7. For offer acceptance, Suppliers should have the capability and experience to produce the alloy steel rods of heat resisting materials for bolts and nuts. In house facilities for heat treatment and NDE are mandatory requirements for consideration of this offer.
8. As a documentary proof of supplier's experience in manufacturing of alloy steel rods of heat resisting materials for bolts and nuts, supplier shall submit the unpriced P.O. / Shipping release document / supply invoice copy / bill of lading / delivery challan with specifications and details of customer along with the offer.
9. Offers received will be evaluated by BHEL for acceptance.
10. Supplier shall submit their QA manual/Quality manual in line with ISO:9001 (latest version) for review and acceptance by BHEL. Chemical & Mechanical Testing shall be carried out at in house labs or Govt approved Labs certified by NABL.
11. Supplier to dispatch the items in proper protective package to BHEL Trichy Store (ward-29)
12. Supplier to indicate the nature of the firm. Traders/stockist/dealers are not allowed for participation in this enquiry.
13. BHEL reserves the right to visit supplier's works to audit and inspect to ensure the capability for technical evaluation.
14. BHEL QC will witness all the testing and inspection (100%) as per the BHEL input sheet Engg & QA/01 at supplier works.
15. Final Shipping clearance will be given after review of all Supplier TC's and documents.
16. For documentation purpose: Three sets of documents (hard copies) containing test certificates and test reports to be provided. Final documentation shall also be submitted in soft form (pdf) with proper indexing


09/04/2024
ENGG
(M. ARON KUMAR,
ENAG. /ATP)


09/04/24
MPL
(K. S. Senth Babu)
Engg - ATP / MPL


2/4/24
QA
(M. SHYAM SUNDAR)

SPECIFICATION FOR 24CrMo5/25CrMo4

Doc: ENGG & QA/01 Rev 00

1. GENERAL

- 1.1 Material designation: 24CrMo5 /25CrMo4 with slightly modified chemistry.
- 1.2 All other applicable standards shall be as per latest edition during the time of procurement. All ASME references shall be as per 2017 Edition. In case of conflict between the codes / standards listed with the requirements of this specification, this input sheet shall govern.
- 1.3 Steel Melting
The steel shall be melted in an electric furnace, vacuum degassed and shall be fully killed.
- 1.4 This specification is applicable for bars of diameter 40 mm.

2. **SUPPLY CONDITION:** Quenched and Tempered delivery condition. Quenching at 900 to 950 deg c (Soaking time, R.O.H: Supplier internal practice) and cooling with oil/water, tempering at 650 to 710 deg c (Min 2 hrs soaking time, R.O.H: Supplier internal practice). Cooling with air. Supplier to indicate the Heat treatment details in the form of tentative HT plan along with their bid submission.

3. CHEMICAL COMPOSITION:

Ladle analysis/melt & product analysis/bar shall comply with the provisions of this input sheet.

4. MECHANICAL AND METALLURGICAL TESTS:

All the mechanical requirements stipulated herein are minimum requirements and shall apply to the condition after the final heat-treatment. Test coupons shall be taken from the hardest and softest bars of each melt and each heat treatment batch.

4.1 Tensile Test:

At each sampling position two tensile test specimens (i.e) one each for tests at RT and at +350°C and shall conform to the requirements of this input sheet. (Methods: 6892-1 & 6892-2)

4.2 Impact Test

Impact test shall be carried out in accordance with ASTM – A370 (E23). At each sampling position one set of three impact specimens shall be taken at +20°C. The % shear fracture shall be reported for information. Energy value & Lateral expansion shall conform to the requirements of this input sheet.

4.3 Hardness Test

Hardness shall be measured on both the ends of each bar after final heat treatment as per DIN 17240:1976. (Method: Brinell Hardness EN ISO 6506-1). Values shall be reported for information.

4.4 Microstructure Examination

4.4.1 Grain size shall be determined as per ASTM-E112 at X 100 magnification on impact tested specimen at each sampling position and reported in test certificate.

4.4.2 Microstructure shall be examined at X 200 magnification on impact tested specimen at each sampling position and reported in the form of a photograph in test certificate.

4.5 Properties as per Clause 7.3.2, 7.3.3, 7.4.1 & Table 6,7,9 and 10 of DIN 17240 are not required to be tested or reported.

5. TEST SPECIMEN LOCATION AND ORIENTATION

5.1 Test specimen shall have their axes in the direction of longitudinal axis of the bar. For impact specimen, the axis of the notch will be normal to the cylindrical surface.

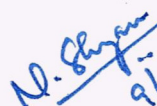
5.2 For bars of lengths 4 meters and above (in the tempered condition) testing shall be carried out at both ends.

5.3 Sampling depth shall be at least D/2 in axial direction, D/2 in radial direction from the external tempered surface. (Figure shown below)

Where D= Diameter of bar at the time of final heat treatment

Test specimen removal and all tests shall be carried out after final tempering treatment.



07/04/24



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Chemical and Mechanical Testing Requirements:

<u>Chemical composition - Ladle (% by mass)</u>							
	C	Si	Mn	P Max.	S Max.	Cr	Mo
	0.20 to 0.28	0.15 to 0.35	0.50 to 0.80	0.030	0.035	0.90 to 1.20	0.20 to 0.35

Specimen Location	<u>Chemical composition - Product (% by mass)</u>						
	C	Si	Mn	P	S	Cr	Mo
Both ends of each bar. (Face of bar)	0.18 to 0.30	0.10 to 0.40	0.46 to 0.84	0.025 to 0.035	0.030 to 0.040	0.85 to 1.25	0.16 to 0.39

Specimen Location	Tensile properties at Room Temperature for delivery conditions normally applied as final heat treatment						
	Heat treatment condition	Diameter (d) mm	Proof Strength (R _{p0.2}) MPa min.	Tensile Strength (R _m) MPa	Elongation after fracture (A) % min.	Reduction in area (Z) % min.	Impact energy (KV) (ISO-V) J min.
	+QT	d≤40	440	600 to 750	18	60	118

Specimen Location	Minimum 0.2%-Proof strength (R_{p0.2}) in MPa at a temperature of 350 °C		
	Heat treatment condition	Diameter (d) mm	Proof Strength (R _{p0.2}) MPa min.
	+QT	d≤40	333

Specimen Location	Minimum impact energy KV in J (ISO-V test pieces) at a temperature of 20 °C in longitudinal direction			
	Heat treatment condition	Diameter (d) mm	Impact energy (KV) J min	Lateral Expansion (mm)
	+QT	d≤40	118	0.65 (min)

27/09/2024
 N. S. Srinivasan
 9/10/24

Ultrasonic Examination:

- Nondestructive examination shall be carried out on bars after final heat treatment in accordance with SA 388, recommended practice for ultrasonic examination of heavy steel forging.
- Examination of bars must be performed from both frontal faces and from the cylindrical surface with normal beam probes. If evaluation by normal beam probes on the frontal faces are not feasible, the bars shall be examined from the cylindrical surface in to and fro directions by 45 deg angle beam.

The acceptance standards for ultrasonic examination for bars shall be as follows:

Local indications:

$D \leq 40$ mm, CRR – 2mm

Where CRR= Circular Reference Reflector.

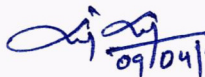
For angle beam scanning any indication having amplitude equal to more than the reference level shall be unacceptable.

Where reference Notch depth= 3% of bar diameter.

Indications with linear character are not acceptable. Also accumulation of defect indications in close vicinity is not acceptable.

WORKING SEQUENCE / MANUFACTURING PROCESS PLAN:

1. Raw Material TC review (Ladle check & Macro) and correlation of raw material with TC (BHEL Review)
2. Identification of Raw material ingot heat no and relevant details
3. Manufacturing Process
4. Q&T of Finished bars (BHEL Witness through video mode)
5. UT of Finished bars (BHEL Witness)
6. Hardness check on all bars to identify hardest and softest bar among heat treatment batch (BHEL Witness)
7. Mechanical tests (BHEL Witness)
8. Visual and dimension check (BHEL Witness)
9. Marking & Punching (BHEL Witness)
10. Packing


09/04/2024


9/4/24

SPECIAL CONDITION ANNEXURE - B

Requirements of Financial Soundness:

1. Import suppliers shall submit latest report from any reputed third party business rating agency like Dun &Bradstreet, Credit reform etc.
2. Indigenous supplier shall submit audited copies of annual reports (Balance Sheet), Profit & Loss statement for the last three years (or from the date of incorporation whichever is less) and GST Certificate.

This Special Condition Annexure-B (Financial Soundness) along with Special Condition Annexure-A (Technical Qualification requirements) together will form the Pre-Qualification requirements for this PR.

ASHWIN
KUMAR
MAROLI

Digitally signed
by ASHWIN
KUMAR MAROLI
Date:
2022.04.13
11:31:19 +05'30'

BHARAT HEAVY ELECTRICALS LIMITED
ATP/PURCHASE
BHEL / TRICHY-620 014.

ANNEXURE-D Rev 01
ENQ.No.1402400005

Dt.09-04-2024

Enquiry Terms & Conditions for Supply of 25CrMo4/24CrMo5 Rods

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

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

Sl	BHEL Requirements	Supplier Comments		
01	<p><u>Material specification:</u></p> <p>Supply of 25CrMo4/24CrMo5 Rods as per Special Condition Annexure A as mentioned in the enquiry.</p>			
02	<p><u>Specification, Size & Quantity:</u></p> <p>a) 25CrMo4/24CrMo5 rods are to be supplied fully meeting the requirements mentioned in Special Condition Annexure A. If there is any deviation, the same should be mentioned clearly in the offer itself.</p> <p>b) Quantity of the Forgings shall be supplied as per tendered quantity and it is not splittable.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Dia 40 mm 25CrMo4/24CrMo5 rods Length 2m to 3 m</td> <td style="text-align: center;">5923 kg</td> </tr> </table> <p>c) Inspection agency for Indigenous suppliers – BHEL</p> <p>d) Point wise confirmation for Special Condition Annexure A (Pre-Qualification Criteria) and manufacturing facility details are to be mandatorily filled & signed by the bidder and to be uploaded in NIC portal (https://eprocurebhel.co.in) along with Technical Bid (Part 1 bid).</p>	Dia 40 mm 25CrMo4/24CrMo5 rods Length 2m to 3 m	5923 kg	
Dia 40 mm 25CrMo4/24CrMo5 rods Length 2m to 3 m	5923 kg			
03	<p><u>Offer Submission:</u></p> <p>a) This Tender is hosted in EPS portal & offer to be submitted through EPS portal only. You are requested to submit your 2 parts offer before due date & time of the enquiry through NIC (https://eprocurebhel.co.in) only.</p> <p>b) Offer is to be submitted in TWO part bids system (Technical bid + Price bid) in the E-Procurement NIC PORTAL (https://eprocurebhel.co.in) ONLY.</p> <p>c) Scanned copy of the filled Annexure-A, Tender documents etc., shall be uploaded in the EPS portal.</p> <p>d) At its option, BHEL may consider extending the due date/s for the tender openings. Sufficient notice would be given by BHEL for such extensions and it will be published as corrigendum in following websites, https://eprocurebhel.co.in http://www.bhel.com/tender/</p> <p>e) Acceptance of offer will be subject to existing customer approval.</p> <p>f) The quoted / finalized rates shall be Firm till execution of the supplies. Offer with PVC clause will not be considered.</p>			
04	<p><u>Authorization for participation in EPS portal through DSC: E-Tender. Participation requirements:</u></p> <p>Either Principal or authorized agent shall register their Digital Signature Certificate (DSC) (Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION). Suppliers are advised to go through the FAQ available in the web portal (https://eprocurebhel.co.in). DSC shall be registered for the authorized person and all transaction done using that DSC against our tenders shall be taken as valid communication and shall be binding on principal/agent and is valid legally.</p>			

05	<p><u>Validity:</u></p> <p>The offers shall be kept open for acceptance for 60 days from the date of Tender opening. Once the tenders are submitted, rates cannot be changed on any grounds.</p>	
06	<p><u>Delivery:</u></p> <p>BHEL delivery requirement is three months. The offer shall clearly indicate delivery period in fixed number of weeks/Months from the date of approval of technical documents and manufacturing clearance.</p>	
07	<p><u>Goods and Service Tax (GST)</u></p> <p><u>Indigenous suppliers:</u></p> <ul style="list-style-type: none"> • Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration No (GSTIN) which should be clearly mentioned in the offer. If the dealer is exempted from GST registration, a declaration with due supporting documents need to be furnished for considering the offer. Dealers under composition scheme should declare that he is a composition dealer supported by the screen shot taken from GST portal. The dealer has to submit necessary documents if there is any change in status under GST. • Supplier shall mention their GSTIN in all their invoices (incl. credit Notes, Debit Notes) and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No. which is linked/uploaded in GSTN network shall be clearly indicated), Billed to party (with GSTIN) & Shipped to party details, item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, Place of Supply etc. • All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code). • Invoices will be processed only upon completion of statutory requirement and further subject to following: <ul style="list-style-type: none"> o Vendor declaring such invoice in Form GST ANX-1 o Receipt of Goods or Services and Tax invoice by BHEL • As the continuous uploading of tax invoices in GSTN portal (in GST ANX-1) is available for all (i.e. both Small & Large) tax payers under proposed new GST Return System, all invoices raised on BHEL may be uploaded immediately in GST portal on despatch of material /rendering of services. The supplier shall ensure availability of Invoice in GST portal before submission of invoice to BHEL. Invoices will be admitted by BHEL only if the invoices are available in GSTN portal (in BHEL's GST ANX-2). • In case of discrepancy in the data uploaded by the supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note or debit note (details also to be uploaded in GSTN portal) for the shortages or rejections in the supplies or additional claims, within the calendar month informed by BHEL. • In cases where invoice details have been uploaded by the vendor but failed to remit the GST amount to GST Department (Form PMT-06 or GSTR-3B to be filed) within stipulated time, then GST paid on the invoices pertaining to the month for which GST amount not remitted by the vendor will be withheld from other payments of the vendor / recovered from the vendor. • In case GST credit is denied to BHEL due to non-receipt or delayed receipt of goods and/ or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount claimed in the invoice shall be disallowed to the vendor. • Where any GST liability arising on BHEL under Reverse Charge (RCM), the vendor has to submit the invoices to BHEL well within the timeline prescribed in GST Law, to enable BHEL to discharge the GST liability. If there is a delay in submission of invoice by the vendor resulting in delayed payment of GST by BHEL along with Interest, then such Interest payable or paid shall be recovered from the vendor. • GST TDS will be deducted as per Section 51 of CGST Act 2017 and in line with Notification 50/2018 – Central Tax dated 13.09.2018. GST TDS certificate which will be generated in GST portal subsequent to vendor accepting the TDS deduction in the GST portal, will be issued to the vendor. • GST CREDIT: Suppliers are advised to get registered to GSTN portal. Tenderer under "GST credit" shall be preferred. 	
08	<p><u>Indigenous vendors – Terms of delivery:</u></p> <ul style="list-style-type: none"> • Bidders should submit their offer on FOR Destination -BHEL Stores, Trichy basis. The quote should be inclusive of all charges, including testing, packing & forwarding, inspection, Insurance etc. (Ex-Works offers will not be considered). • The soft copies of the Invoice, LR copy & Test certificates shall be forwarded to BHEL immediately after dispatch. 	

09	<p>Acceptance of materials supplied:</p> <ol style="list-style-type: none"> The supply shall strictly as per the specifications in the tender /purchase order. Delivery of the ordered items as per the delivery terms in the Purchase Order does not automatically constitute acceptance of the delivered items. The acceptance or otherwise of the delivered items will be separately communicated to the supplier by BHEL either through B2B portal or through e mail within 120 days' from the delivery of items or delivery of the required test certificates /other documents whichever is later. In case of rejection of the delivered items, either part or full, the vendor shall replace the rejected items as per the specification in the Purchase order/tender at their cost within specified days/months of communication of rejection to the supplier. In case of rejection of the delivered items, either part or full, if the supplier fails to replace the rejected items within the specified days/months of communication of the rejection, the same shall be treated as failure to execute the contract and actions as per the Guidelines for Suspension of Business Dealings with Suppliers /Contractors available in the webpage: http://www.bhel.com/vender_registration/vender.php. would be taken against such supplier. 	
10	<p>Payment terms:</p> <p>Indigenous:</p> <p>Payment for MSE vendors will be as per MSMED Act, 2006. For Micro & Small Enterprises vendors, BHEL Payment term is 100% direct EFT payment within 45 days from the date of Vehicle/Gate entry subject to acceptance of materials.</p> <p>For Medium Enterprises, BHEL Payment term is 100% direct EFT payment in 60 days from the date of Vehicle/Gate entry subject to acceptance of materials.</p> <p>For Non MSME vendors, BHEL Payment term is 100% direct EFT payment after 90 days from the date of Vehicle/Gate entry subject to acceptance of materials</p> <p>Any deviation in the above payment term will attract loading as mentioned below: Marginal cost lending rate (MCLR) of SBI (as applicable on the date of bid opening, Techno commercial bid opening in case of two part bids) + 6%, shall be considered for loading for the period of relaxation sought by bidders.</p>	
11	<p>Liquidated Damage (Indigenous & Imports):</p> <ol style="list-style-type: none"> Time is the essence of the contract. The ordered items shall be delivered as per the delivery period mentioned in the Purchase Order. In case the supplier supplies the ordered items beyond the delivery period specified, Liquidated Damages -LD - as detailed below shall be will be levied from the supplier without prejudice to any other relief /compensation available to BHEL, Tiruchirappalli under any other condition of the contract/applicable legal provisions. LD shall be 0.5% of the undelivered portion per week or part thereof subject to a maximum of 10% of the total order value. Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value). 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. <p>Indigenous: For "FOR Delivery terms", Vehicle / Gate entry date will be taken for LD calculation.</p>	
12	<p>Breach of contract, Remedies and Termination:</p> <p>In case of breach of contract, 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 the value of the security instruments available is less than 10% of the contract value, the balance amount will be recovered in all or any of the following manners:</p> <ol style="list-style-type: none"> from dues available in the form of Bills payable to defaulted supplier against the same contract. from the dues payable to defaulted supplier against other contracts in the same Region/Unit /any other region/unit. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier. <p>Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., will be applied as per provisions of the contract.</p>	

13	<p>Warranty: Supplier to accept warranty against non-compliance to specification requirements for "18 months from the date of dispatch of forgings".</p> <p>Supplier shall replace defective material free of cost (inclusive of all Testing, Inspection, TPI, Service charges etc.) up to destination within two months from defect notification date.</p>	
14	<p>Non-Disclosure Agreement(NDA): The bidders shall enter into the Non-disclosure agreement totally voluntarily, with full knowledge of its meaning and without duress. (Format attached).</p>	
15	<p>Patent Right The supplier shall, at all times, indemnify and keep indemnified the purchaser, free of cost, against all claims which may arise in respect of goods & services to be provided by the supplier under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks. In the event of any such claim in respect of alleged breach of patent, registered designs, trademarks etc. being made against the purchaser, the purchaser shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any liability to the purchaser.</p>	
16	<p>Evaluation Criteria: The Evaluation Currency for this tender shall be "INR". The offers of vendors will be evaluated on total landed cost to BHEL, Trichy. The evaluation process is as detailed below:</p> <p>Indigenous: Total Landed cost = FOR Rate in INR (A) + Applicable Taxes (B) + Loading for payment term & LD (C) – Applicable input tax credit (D) + Loading for Inspection (E)</p> <p>A. Indigenous vendors submit offers on Free on Road (FOR), Trichy in INR. B. GST and any other charges quoted by indigenous vendors will be added to the base price. C. Loading for payment terms & non-acceptance of Liquidated Damages (LD) will be added to the FOR value for arriving the landed rate. D. However, input credit is availed for GST (SGST, CGST/IGST), hence the same is excluded for arriving at the landed cost.</p>	
17	<p>General condition:</p> <p>a) Bids including all enclosures and supporting documents like catalogues, pamphlets, etc., shall be submitted / uploaded in ENGLISH language only. If the documents submitted have other than English language, translation of the same shall be provided for evaluation.</p> <p>b) Three sets of documents containing Test certificates, Copies of the approved quality documents and test procedures, DCR and Drawings, etc must be provided along with the supply of Raw materials. Dispatch clearance for material shall be given after acceptance of TC's by BHEL & NPCIL.</p> <p>c) Supplier has to submit Quality documents and related test procedures for approval.</p> <p>d) Shipment of 24CrMo5 / 25CrMo4 shall be as per the dates mentioned in the enquiry.</p> <p>e) For Indigenous supply, chemical composition and mechanical test are to be carried out in NABL accredited laboratory only.</p> <p>f) No revision of prices shall be allowed after the tenders are opened.</p> <p>g) BHEL will consider the ranking after the loading is applied wherever deviations are observed.</p> <p>h) BHEL reserves the right to negotiate L1 rate or re-float the tender opened if L1 price is not the lowest acceptable price to them inter-alia other reasons.</p> <p>i) 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 / your purchase order at any stage of execution.</p> <p>j) Offer will be evaluated based on Landed cost to BHEL- Trichy on total package basis only.</p> <p>k) Vendor should physically weigh the materials before stuffing them into container and incorporate the same in BL and packing slip.</p>	

	<p>l) Offers for partial quantities of a given item are not acceptable to BHEL. While tenderers can quote for some or all the tendered items, no supplier shall quote for partial quantity of any given enquiry item. Such partial offer would not be considered in the enquiry for that item.</p> <p>m) No payment will be made for the excess quantity.</p> <p>n) Offer should be submitted only as per the Unit of Measurement (UOM) specified in the enquiry.</p> <p>o) Documents not signed and stamped by the authorized signatory of the bidder shall not be accepted and considered for registration / evaluation of the bid etc.</p> <p>p) 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 as mentioned above.</p> <p>q) All documents submitted with the offer shall be signed and stamped in each page by authorized representative of the bidder.</p> <p>r) This Tender is hosted in EPS portal & offer to be submitted through EPS portal only. You are requested to submit your 2 parts offer before due date & time of the enquiry through NIC (https://eprocurebhel.co.in) only. SEALED COVER BIDS / E-MAILS / FAX / MANUAL OFFERS WILL NOT BE ACCEPTED.</p> <p>For any clarification you can contact to rmega@bhel.in, Contact no. 0431 2575458.</p>	
18	<p>Fraud Prevention Policy</p> <p>"The bidder along with its associate/collaborators/sub-contractors /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 fraud or suspected fraud as soon as it comes to their notice."</p>	
19	<p>Suspension of Business Dealings with Suppliers/Contractors:</p> <p>The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms /principal/agents, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com.</p> <p>If any bidder/ supplier/ contractor during pre-tendering/ tendering/ post tendering/ award/ execution/ post-execution stage indulges in any act, including but not limited to, mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or tampers the tendering process or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India or does anything which is actionable under the Guidelines for suspension of business dealing, then, action may be taken against such bidder/ supplier/ contractor as per extant guidelines of the company available on www.bhel.com and/or under applicable legal provisions. Guidelines for suspension of business dealings_is available in the webpage: http://www.bhel.com/vender_registration/vender.php.</p>	
20	<p>Integrity commitment, performance of the contract and punitive action thereof:</p> <p>Commitment by BHEL</p> <p>BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all Bidder(s) in a transparent and fair manner, and with equity.</p> <p>Commitment by Bidder/ Supplier/ Contractor</p> <ul style="list-style-type: none"> • The bidder/ supplier/ contractor commit to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India. • The bidder/ supplier/ contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/ BHEL. • The bidder/ supplier/ contractor will perform/ execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/ money/ reputation, to BHEL. 	
21	<p>Cartel Formation:</p> <p>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.</p>	

22	<p><u>Resolution of Disputes:</u></p> <p>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 contract/tender 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.</p> <p><u>Notes:</u></p> <ol style="list-style-type: none"> 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. 3. 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 X to this Enquiry Conditions. 4. The Annexure together with its appendices will be treated as if the same is part and parcel hereof and shall be as effectual as if set out herein in these Enquiry Conditions. 5. 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 other Party refer such dispute or difference to sole arbitration of an arbitrator appointed as per the Arbitration and Conciliation Act, 1996 (India) or statutory modification or re-enactment thereof and the rules made thereunder and for the time being in force . 6. 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 provision of Arbitration & Conciliation Act 1996 (India) or statutory modification or re-enactment thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceeding under this clause. 7. The seat of arbitration shall be Trichy, Tamil Nadu, India. The cost of arbitration shall be borne as per the award of the Arbitrator. Subject to arbitration in terms of clause above, the Courts at Trichy, Tamil Nadu, India shall have exclusive jurisdiction over any matter arising out of or in connection with this Contract. 8. The contract shall be governed, construed and interpreted in accordance with the laws of India. 9. Notwithstanding the existence or any dispute or difference and/or reference for the arbitration, the vendor shall proceed with and continue without hindrance the performance of its obligation under this Contract with due diligence and expedition in a professional manner except where the Contract has been terminated by either Party in terms of this Contract. <p><u>In Case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:</u></p> <p>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 <i>inter se</i> 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 as mentioned in DPE OM No. 05/003/2019-FTS-10937 dtd. 14th December, 2022 and the decision of AMRCD on the said dispute will be binding on both the parties.</p>	
23	<p><u>In the event of Force Majeure:</u></p> <ol style="list-style-type: none"> a. Notwithstanding the provisions contained in other clauses, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure. For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, 	

	<p>explosions, epidemics, quarantine restrictions, strikes excluding by its employees, lockouts excluding by its management, freight embargoes and Acts of GOD.</p> <p>b. If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty-one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.</p> <p>c. If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.</p> <p>d. In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.</p>	
24	<p><u>Execution of the order:</u></p> <p>a. BHEL will have the option to pre-inspect the materials at Supplier's works by BHEL's own inspector or by third party agency appointed by BHEL or BHEL's end customer/s.</p> <p>b. If the inspection fails, the vendor shall offer the material again as per ordered terms and specifications for further inspection.</p> <p>c. The mere act of the pre-dispatch inspection (PDI) does not absolve the Supplier from giving the specifications as agreed upon in the Purchase Order.</p> <p>d. In the case of overseas suppliers Inspection call for carrying out the inspection shall be given 30 days before the scheduled contract delivery date. The Inspection date/s given by the Supplier shall be on firm basis. For local Suppliers the Notice period of Inspection shall be 10 working days.</p> <p>e. In the event of any short supply, it shall be the responsibility of the supplier to deliver such short supplied/ missing items on Free-of-Cost basis at BHEL stores, including customs clearances at Indian Ports in the case of foreign suppliers.</p>	
25	<p><u>Set-off Clause:</u></p> <p>BHEL shall have the right to recover any money which in the sole opinion of BHEL is due from the Contractor from any money due to the Contractor under this Contract or any other contract or from the Security Deposit furnished by the Contractor under this Contract or any other contract.</p>	
26	<p><u>Conflict of Interest Among Bidders/Agents:</u></p> <p>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:</p> <p>a. they have controlling partner (s) in common; or</p> <p>b. they receive or have received any direct or indirect subsidy/ financial stake from any of them; or</p> <p>c. they have the same legal representative/agent for purposes of this bid; or</p> <p>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</p> <p>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</p> <p>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:</p> <ol style="list-style-type: none"> 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 <p>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</p> <p>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 in the format provided as Annexure.</p>	

27	<p>Caution:</p> <p>a) The suppliers are severely cautioned to note that the price bid document accepts the price in figures only. It does not allow the supplier to write the value by words. Therefore, all care shall be exercised by the supplier while filling in the figures. Once the price bid is opened no option is available for the supplier to retract the offer under any grounds. If a supplier, for any reason whatsoever approaches BHEL with a request for change in the price, it would be treated as going back on the offer submitted. In such cases, action would be initiated by BHEL for suspending further business dealings with such suppliers as per policy of BHEL which prevails at that point of time.</p> <p>b) The language in the tender documents downloaded by the Bidders shall at no point of time be changed, altered or modified in any manner by the Tenderer. If such changes are made by any tenderer, it shall be considered as tampering with BHEL's terms and the offer shall be summarily rejected, whenever it is noticed by BHEL. Such Bidders would be disqualified from the Bidding Process and their offers would be forfeited / Bank Guarantees invoked. They would also not be allowed to participate in future tenders of BHEL.</p>	
28	<p><u>Special Provisions for Micro and Small Enterprises (MSE) bidders registered as per MSME act:</u> (Subject to participating MSE vendors meeting the tender requirements of BHEL)</p> <p>a) As per Gazette Notification no. S.O. 2119(E) dated 26.06.2020 issued by Ministry of MSME applicable/existing Micro and small suppliers are requested to get registered with Udyam Registration portal and share us the Udyam registration no along with Udyam registration certificate.</p> <p>b) 25% of the tendered quantity is earmarked for MSE suppliers in this tender, subject to participating MSE Vendors should meet the tender requirements of BHEL. In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE vendor within the "L1+15% price band", the supply shall be shared proportionately.</p> <p>c) In the event of Non MSE supplier becoming L1 and MSE supplier quotes within the price band of L1+15% and it is not possible to split the tendered quantity on account of reasons like customer contract requirement/technical requirements, then 100% of the quantity will be offered to MSE suppliers subject to acceptance of L1 price by MSE supplier.</p> <p>d) Counter offering of L1 rate will not be made with any MSE vendor whose quoted rate is more than the price band of L1+15%.</p> <p>e) Payment to MSE vendor will be as per the applicable provisions of the MSMED Act 2006.</p> <p>f) If L1 offer is from a Micro / Small enterprise, the 25% earmarking provision is not applicable.</p> <p>g) Out of the 25% tendered quantity reserved for MSE suppliers, 6.25% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs. Apart from this 3% shall be earmarked for procurement from MSE owned by Women entrepreneurs.</p> <p>h) In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the bidder and the order is obtained under the premise of an MSE then BHEL would cancel the pending order against this tender and take necessary steps for suspension of the business dealing with the bidder as per the procurement policy of BHEL.</p> <p>i) MSE suppliers can avail the intended benefits only if they submit along with the offer, Valid EM-II certificate along with CA certificate or valid NSIC certificate or UAM certificate along with attested copy of a CA certificate (Format enclosed as below) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. Documents should be notarized or attested by a Gazetted officer. However, credentials of all MSE suppliers will be verified before considering the intended benefits for MSE suppliers at the time of tender evaluation. Non submission of such documents will lead to consideration of their bids at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier till the supplier submits these documents.</p>	

29	<p><u>Preference to Make in India:</u></p> <p>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 the respective 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 'Class-I local supplier'/ 'Class-II local supplier' shall be required to provide a declaration/certificate in this regard as per Govt. of India guidelines for Public Procurement.</p>	
30	<p><u>Restrictions for Procurement from a country sharing its land border with India</u></p> <p>Orders issued by Govt. of India with respect to Restriction under Rule 144 (xi) of GFR on procurement from bidders representing countries sharing land border with India will be applicable for this tender. In case of subsequent orders issued by Govt. of India regarding procurement from bidders representing countries sharing land border, the same shall be applicable even if issued after issue of this NIT.</p>	
31	<p><u>Enclosures:</u></p> <p>a) Enquiry b) Special Condition Annexure A & B (PQR) c) NDA Format d) Local Content Certificate</p>	
<p>RAMASAMY Digitally signed by RAMASAMY MEGANATH MEGANATHAN AN (On behalf of BHEL) Date: 2024.04.09 18:34:24 +05'30'</p>		<p><u>SIGNED BY MANUFACTURER / MILL</u></p> <p>Name of Mill: Designation / Department: Seal & Signature</p>

Annexure C

VENDOR DETAILS

SL NO	DESCRIPTION	To be filled by bidder
1	VENDOR NAME	
2	QUOTATION REFERENCE	
3	QUOTATION DATE	
4	TELE, MOBILE NO	
5	FIRM MAIL ID	
6	CONTACT PERSON	
7	OFFICE ADDRESS	
8	ORDER TO BE PLACED ON	
9	COUNTRY OF ORIGIN	
10	QUOTED CURRENCY	
11	PORT OF LOADING	
12	PORT OF DISCHARGE	

Vendor Seal & Sign


In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017 & P-45021/2/2017-PP (BE-II) dated 28.05.2018, we hereby certify that we

.....
(supplier name) are local supplier meeting requirement of minimum local content (50%) defined in as above orders for the material against Enquiry No.

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

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

Seal and Signature of Supplier

 BHEL - TRICHY	THIRD PARTY NON-DISCLOSURE AGREEMENT	Doc.No. : ISMS-04/TP/011	
		Ver. No: 3.0	Rev. No: 00
		Date : 27 - 10 - 14	

THIRD PARTY NON-DISCLOSURE AGREEMENT

I, _____, on behalf of the _____ (Name of Company), acknowledge that the information received or generated, directly or indirectly, while working with BHEL, Trichy on contract is confidential and that the nature of the business of the BHEL, Trichy is such that the following conditions are reasonable, and therefore:

I warrant and agree as follows:

I, or any other personnel employed or engaged by our company, agree not to disclose, directly or indirectly, any information related to the BHEL, Trichy Without restricting the generality of the foregoing, it is agreed that we will not disclose such information consisting but not necessarily limited to:

- Technical information: Methods, drawings, processes, formulae, compositions, systems, techniques, inventions, computer programs/data/configuration and research projects.
- Business information: Customer lists, project schedules, pricing data, estimates, financial or marketing data,

On conclusion of contract, I, or any other personnel employed or engaged by our company shall return to BHEL, Trichy all documents and property of BHEL, Trichy, including: drawings, blueprints, reports, manuals, computer programs/data/configuration, and all other materials and all copies thereof relating in any way to BHEL, Trichy 's business, or in any way obtained by me during the course of contract. I further agree that I, or any others employed or engaged by our company shall not retain copies, notes or abstracts of the foregoing.

This obligation of confidence shall continue after the conclusion of the contract also.

I acknowledge that the aforesaid restrictions are necessary and fundamental to the business of the BHEL, Trichy and are reasonable given the nature of the business carried on by the BHEL, Trichy I agree that this agreement shall be governed by and construed in accordance with the laws of country.

I enter into this agreement totally voluntarily, with full knowledge of its meaning, and without duress.

Dated at _____, this ____ day of _____, 20__.

Name

Company

Signature