



BHARAT HEAVY ELECTRICALS LIMITED
HEEP HARIDWAR INDIA-PIN 249403
FAX NO: 0091 1334 226462/223948
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Tender No.: F/T237/2016/3765K

Due Date: 11.01.2017

Sub: BHEL-HEEP/OPEN-TENDER (Titanium Clad Plate)

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

Sealed tenders with the Tender No. and opening date clearly super scribed on the cover are invited from the manufacturers (registered as well as unregistered) for the supply of the following items:-

Tender No	Item Description	Qty (Nos)
F/T237/2016/3765K	1. W97716018108 TITANIUM CLAD PLATE 46MM Thickness ; Size: 46 x 4106 x 5516 (TKxWxL)	8
	2. W97716018116 TITANIUM CLAD TEST PLATE 46MM Thickness ; Size: 46x300x300 (TKxWxL)	8

The tender documents & Specification of item can be downloaded from our web site www.bhel.com or www.bhelhwr.co.in or www.tenders.gov.in submitted with requisite EMD.

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

This notification shall be published in national & global newspapers. **The last date for downloading tender documents shall be 10.01.2017 & opening of tender shall be 11.01.2017.** Tenders will be received up to 01.45 P.M. on **11.01.2017** and opened on the same day at 2.00 P.M. in the Tender Room. **Please note that tender received after due date & time (01.45 PM on 11.01.2017) will not be opened.** BHEL will not be responsible for any type of postal / courier delay.

Intending vendors must submit the requisite EMD Rs. 2,00,000/- (Rupees Two Lacs Only) for indigenous vendors (or equivalent amount in foreign currency for foreign vendors) in the form of pay order or bank draft while submitting the tender documents as detailed in "Instruction to Bidders", after downloading from this web site.

EMD is waived off for-

- Central/ State – PSUs/ Government departments
- As per government guidelines, MSE suppliers are exempted for submission of EMD (Valid Documentary proof against MSE must be submitted along with offer to avail the benefits).
- The vendors registered for item Titanium Clad Plate as per AA14001 Rev: 01 with BHEL, Haridwar are only exempted from EMD.

The total quantity may undergo change at the time of ordering.

The details of each item with required delivery are given in **Annexure-V (Details of Items)**

Please submit your Techno-Commercial offer only for the above requirement subject to our terms and conditions.

To follow CVC guidelines, intending vendors has to comply all terms and conditions of integrity pact. Hence, submit two ink-signed copies of filled in integrity pact along with your offer in the enclosed format of integrity pact as per Annexure- IX.

IN ADDITION TO VENDORS MENTIONED ABOVE, OFFERS SHALL ALSO BE CONSIDERED ONLY THOSE VENDORS WHO WILL SUBMIT EMD. [PLEASE SUBMIT DRAFTS FOR EMD DRAWN IN FAVOUR OF BHARAT HEAVY ELECTRICALS LTD. HEEP, HARIDWAR IN ANOTHER ENVELOPE SUPERSCRIBED WITH BOLD LETTERS "EMD" at 2 PM on the due date in the presence of authorized representative of the bidders who may like to be present. The authorized representative should bring authority letter from their parent company (Manufacturer) for attending the bid opening.

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

INSTRUCTIONS TO BIDDERS FOR OPEN TENDER

DEFINITION

Registered Vendors - Are those who are registered with BHEL, Haridwar for procurement of Titanium Clad Plate.

Un-registered Vendors - Are those who are not registered with BHEL, Haridwar for procurement of Titanium Clad Plate.

MINIMUM QUALIFICATION REQUIREMENT

Titanium Clad Plate

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

➤ Technical Requirements-

Pre-Qualification requirements for Titanium Cladded plates

- 1) Vendor to have experience of manufacturing and supply of at least 4 nos. Titanium Clad tube plates of condenser for power plant application by explosion bonding process in last 8 years from the date of enquiry as per following details. Each tube plate supplied should be:
 - i.) 18 m² in area or more.
 - ii.) Total thickness of plate should be 37 mm or more. Titanium Clad thickness to be 3 mm or more.
 - iii.) Width of Ti Clad tube plate should be more than 3.3 meter.
- 2) Vendor to furnish certificate against Clause (1) from condenser manufacturer (suggestive format as per Annexure-I) or from end user (suggestive format as per Annexure-II), duly confirming that the Ti Clad plate supplied was manufactured by explosion bonding process and was used for power plant condenser tube plate application. However, such certificate is not required from vendors on whom PO has been placed by BHEL Haridwar for Ti clad plates meeting requirements of clause (1).
- 3) Vendor to furnish copy of P.O. of supplied Ti Clad plate for which certificate is furnished as per clause (2).
- 4) All PQR documents are to be signed and stamped in original by Ti Clad Plate manufacturer and in case, documents are in language other than English, the English translated copies of the documents, duly certified, should also be furnished.

ANNEXURE-I

ANNEXURE-1

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

Date :

TO WHOM SOEVER IT MAY CONCERN

This is to certify that [M/s XXXXX](#) have Manufactured and supplied us [Ti Clad Plates using explosion bonding process](#) under our Purchase Order No. [XXXXXX](#) dt [XXX](#) for tube plate of condenser.

The above supplied Ti Clad Plates have been used by us for condenser tube plate application for supply to [XXXXX](#) power plant on dt [XXXX](#), commissioned on date [XXXX](#). We have not faced debonding or any other quality issues while drilling of tube holes in tube plate.

Name of the Organization :

Signature :

Name of the Signatory :

Designation :

Phone number :

E-mail address :

Place :

Date of issue :

Seal & Stamp of the
Organization :

ANNEXURE-II

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

Date :

TO WHOM SOEVER IT MAY CONCERN

This is to certify that M/s XXXXX have Manufactured and supplied Ti Clad Plates using explosion bonding process, which have been used for condenser tube plate application for our XXXXX Power Plant through condenser manufacturer M/S XXXX, under Purchase Order No. XXXXX dt XXX.

The condenser was supplied on dt XXXX (or from dt XXXX to dt XXXX in different packages) and commissioned in dt XXXX by condenser manufacturer M/S XXXX.

The power plant is in successful operation without any problem since commencement of operation.

Name of the Organization :

Signature :

Name of the Signatory :

Designation :

Phone number :

E-mail address :

Place :

Date of issue :

Seal & Stamp of the
Organization :

➤ **Quality Requirements-**

- All vendors to confirm, endorse & return back QP No "QA/F/QP/035/ENNORE, Rev 00" & confirm Inspection by third party (LRS/TUV/BV) for import and BHEL nominated agency 'TUV' for indigenous as per above mentioned QP.

Note- Technical as well as quality requirements is applicable for both registered as well as un-registered vendors.

Vendors must fill up Annexure– IV in confirmation to above Minimum Qualifying Requirements and quality requirement.

ESSENTIAL INSTRUCTIONS

1. Only those bids will be opened which have been submitted with requisite EMD.
2. All un-registered vendors shall be approved by BHEL, if found suitable, on the basis of data furnished by them in online Supplier Registration Form (SRF) Foreign Vendors or Indigenous Vendors. Vendor (s) shall not be considered for ordering if not approved by BHEL.
3. BHEL team may visit the vendor (s) works for verification of capability and capacity claimed in tender documents/offer (s).
4. The tender document must comprise of four envelopes:
 - i. Envelope I : EMD or NSIC Certificate for exemption of EMD.
 - ii. Envelope II : Pre- Qualifying Requirement & Supplier Registration Form.
 - iii. Envelope III : Techno -Commercial Bid.
 - iv. Envelope IV : Price Bid.

It is essential that all the four envelopes comprising of the above information should be submitted on the due date otherwise the authenticity of tender date & time will be defeated. In view of the above, it is proposed that offer should comprise of the above four envelopes at the time of tender opening.
5. The tenders shall be submitted in three parts
 - i. Part I - Techno -Commercial Bid,
 - ii. Part II - Price Bid
 - iii. Part III - Vendor Registration Form

as described below on or before the due date. Vendor Registration Form shall be submitted by unregistered vendors only.
6. **The Quotation should be from the Principal / Original Manufacturer, failing which the quotation is likely to be ignored. In Case the quotation is submitted through agent, the quotation must accompany original authorization letter.**
7. Documents submitted with the offer/bid by the bidder shall be signed and stamped in each page by authorized representative of the bidder. In case the bid is submitted by FAX, the bidder shall simultaneously ensure submission of signed and stamped (in each page) original bid to BHEL. If the documents are received in soft form, the same should be transmitted through vendor's authorized e-mail 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 considered for evaluation of the bid.
8. Any corrections / amendments shall be properly & fully authenticated with signature. No overwriting is acceptable.
9. In case of ordering, manufacturing plan should be submitted for BHEL approval.
10. Part-I containing techno-Commercial bid and part-III containing Vendor Registration Form will be opened on the date and time specified in the tender notice in the presence of those tenders who wish to attend.
11. Part-II (Price Bids) along with supplementary price bids, if necessary, will be opened at a later date of only those bidders whose techno-commercial bid has been found acceptable.
12. Suitability of delivery shall be the important criteria for evaluation of techno commercial bid and the bids falling within the delivery period and meeting the last delivery requirement.
13. Currency exchange rate will be applicable on the date of opening of Part-I (Techno-commercial Bid) for evaluation purpose.
14. **Evaluation of Bid: - The bid shall be evaluated**
 - a. **Cost to BHEL basis. (Basic Cost + Insurance + Transportation + Duty)**
 - b. **The loading, if any, on account of LD penalty, payment terms or any other cost determined at later stage, which shall be communicated to the vendor.**
 - c. **Evaluation of comparative statement will be done on item wise basis after combining DEEC & PI quantity and order will be placed accordingly.**
15. Tenders when finalized shall be in the name of the bidder only and change of name during tender evaluation (without certificate from registrar of company) and after submission of the tender is liable to make the offer ineligible for participation.
16. All test certificates to be submitted in TRIPLICATE along with dispatch documents.
17. BHEL reserves the right to open the price bid (part-II) along with the opening of techno-commercial offer at its option and in that case vendor will be informed accordingly.
18. **BHEL reserves the right to go for reverse auction. Vendors are requested to give their best price. In case of failure of reverse auction the paper bid shall be processed. 'Guidelines for Reverse Auction are available at following link-**
http://www.bhel.com/vendor_registration/vendor.php
19. Total weight--/Gross/Net in Kg & also package size essentially should be indicated if not exact then approximate.

20. BHEL will evaluate the technical bids against essential criteria/requirements. BHEL may seek clarifications, if required, from the qualified bidders only. These clarifications will be communicated to the eligible vendors. **The offers of those bidders, who are unable to respond in specified time frame, are likely to be ignored.**

Note: Please visit our site www.bhelhwr.co.in for General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries for Indian & Foreign Vendor (Annexure- X & XI). All the bidders/vendors must ensure compliance of these GISTC. GISTC can also be referred by login to B2B Portal for BHEL approved Vendors.

IN CASE YOU ARE NOT MAKING AN OFFER AGAINST THIS ENQUIRY, THEN PLEASE ARRANGE TO SEND A LETTER OF REGRET.

DETAILS OF COMPOSITION OF PART-I (TECHNO-COMMERCIAL BID), PART-II (PRICE BID) & PART-III (VENDOR REGISTRATION FORM)

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

- a. Confirmation to Minimum Qualification Requirement and Quality Requirement as per Annexure-IV.
- b. Complete technical offer as per specification, drawings, technical requirement along with un-priced bid.
- c. Delivery schedule.
- d. Inspection charges by LRS/TUV/BV separately for foreign vendors.
- e. Validity of offer to be indicated.
- f. **Annexure- III** - Compliance sheet for technical/commercial terms and conditions for two part tender.
- g. **Deviation with reference to specification/drawing, if any, should be clearly indicated on a separate sheet.**
- h. Details of activity outsourced.
- i. Copy of Quality Plan –QA/F/QP/035/ENNORE Rev 00 at Annexure- VII.
- j. Integrity Pact in the enclosed format as per Annexure- IX.

PART –II (Price Bid)

- a. Price bid with prices to be submitted as part-II of the tender.
- b. Prices should remain firm till the execution of the order.
- c. **In case of foreign vendors, Please quote your rates with C&F Landing Port.**
- d. **In case of Indigenous vendor, prices may be quoted on FOR- Destination- Store-HEEP-BHEL basis.**
- e. LRS/TUV/BV inspection charges to be quoted separately in case of foreign vendors.
- f. **Prices are to be written in both Figures & Words. In case of any difference between the two, the figure written in words shall be considered for evaluation. No over writing in this is acceptable.**

Part-III - Vendor Registration Form (SRF)

(SRF-Foreign Suppliers or SRF-Indian Suppliers)

- a. **Supplier/Vendor Registration Form-** Go through online supplier registration portal <https://supplier.bhel.in/> after filling the online registration form send the copy of same along with your offer within due date.
- b. The SRF (as applicable) duly filled up will be assessed for manufacturing capability quality systems being followed, organizational soundness and financial worthiness. The same shall be submitted with Part-I (Techno-Commercial Bid) by un-registered vendor only with BHEL, HEEP, Haridwar.

MARKING OF ENVELOPE:

- Each envelop is to be super scribed as “TENDER FOR “TITANIUM CLAD PLATE” AGAINST TENDER NO. **F/T237/2016/3675/K** DUE ON **11.01.2017**.
- Drafts for EMD to be kept in one envelop – Envelop –A. On the Top of the envelope, please write Draft No., Issuing Bank Details & Amount. Those vendors who are quoting for more than one tender must submit a statement in the envelops of all those tenders giving details of all the tenders being quoted. However, the draft of each tender should be kept in individual tender envelop.
- **Techno-Commercial and duly filled signed & stamped Integrity Pact as per Annexure-IX** - Part-I to be kept in another envelop – Envelop-B & to be marked as Techno-Commercial Offer.
- Copy of vendor Registration Form - Part –III to be kept in another envelop – Envelop – C & to be marked as Vendor Registration Form.
- Price Bid – Part-II to be kept in another envelop – Envelop-D & to be marked as Price Bid.
- Envelop-A, Envelop-B, Envelop-C & Envelop-D are to be kept in one envelop super scribed as above

Envelopes not marked as above are liable to be ignored and will not be opened.

ANNEXURE-III

COMPLIANCE SHEET FOR TECHNICAL/COMMERCIAL TERMS AND CONDITIONS FOR TWO PART TENDER

PLEASE FILL THIS ANNEXURE & ATTACH WITH YOUR TECHNO-COMMERCIAL BID.

Offer must be sent in two separate sealed envelopes containing techno-commercial offer in one envelope marked "TECHNO-COMMERCIAL BID" and prices in second envelope marked "PRICE-BID". Both the envelopes must be contained in the main envelope. Tender name and due date to be marked on all the envelopes.

You are requested to kindly confirm /clarify the following:-

S. No.	Description	Vendor's Confirmation
1	Vendor to confirm that they meet each & every clause of our specifications/Drawings.	YES / NO
2	If "No" to serial number 1, vendor to specify each deviated clause & submit in a separate sheet.	
3	Vendor to list out on a separate sheet any activity which is outsourced. Please furnish details of out sourced vendor.	
4	Validity: confirm that validity of the offer shall be 90 days from the date of tender opening	YES / NO
5	Confirm that un-priced part of price bid is enclosed with technical commercial offer	YES / NO
6	Confirm delivery quoted as per enquiry	YES / NO
7	For foreign Vendors- Confirm that you have quoted your rates with C&F Landing Port with third party inspection charges separately. For Indigenous Vendors- Confirm that you have quoted your rates on FOR Destination basis.	YES / NO
8	Confirm that Loading Port has been mentioned.	YES / NO
9	Confirm that prices shall be firm and fixed throughout delivery period.	YES / NO
10	Confirm that payment term shall be "100% payment after receipt and acceptance of material at BHEL HEEP- Store Haridwar".	YES / NO
11	LD Penalty shall be applicable on total order value @0.5% per week or part thereof subject to maximum of 10% of the PO Value.	YES / NO
12	Confirm that all test certificates to be submitted as per BHEL specification. in TRIPLICATE along with despatch documents	YES / NO
13	Right of acceptance – BHEL reserves the right to reject any or all quotations without assigning any reasons thereof. BHEL also reserves the right to increase or decrease the tendered quantities. Vendors should be prepared to accept order for reduced quantities without any extra charges. Vendor should also be prepared for giving discount in case of increase in quantity.	YES / NO
14	Confirm specifically that material shall be supplied as per tender documents.	YES / NO
15	Ink signed order acceptance shall be furnished within 15 days of order placement.	YES / NO
16	Confirm if there is Indian agency commission.	YES / NO
17	Please confirm to participate in Reverse Auction.	YES / NO
18	Confirm acceptance of Risk Purchase clause.	YES / NO
19	Confirm to send original ink signed copy of offer, if offer has been sent through email or FAX or photocopy has been submitted.	YES / NO
20	In the offered Ti Clad Tube Plate, there shall not be more than two number joints in Titanium sheet before cladding and no joint in Carbon steel base plate. Radiography testing of all such joints shall be done by vendor.	YES / NO
21	The offered Ti Clad Tube Plate shall be manufactured by explosion bonding process.	YES / NO
22	Confirm to send two ink-signed copies of filled in integrity pact along with your offer in the enclosed format of integrity pact as per Annexure- IX.	YES / NO

ANNEXURE-IV

Minimum Qualification Requirement for TITANIUM CLAD PLATE

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

➤ **Technical Requirements-**

Sl. No.	Technical Requirement	Vendor's confirmation (Y/N)
01	Vendor to have experience of manufacturing and supply of at least 4 nos. Titanium Clad tube plates of condenser for power plant application by explosion bonding process in last 8 years from the date of enquiry as per following details. Each tube plate supplied should be: i.) 18 m ² in area or more. ii.) Total thickness of plate should be 37 mm or more. Titanium Clad thickness to be 3 mm or more. iii.) Width of Ti Clad tube plate should be more than 3.3 meter.	
02	Vendor to furnish certificate against Clause (1) from condenser manufacturer (suggestive format as per Annexure-I) or from end user (suggestive format as per Annexure-II), duly confirming that the Ti Clad plate supplied was manufactured by explosion bonding process and was used for power plant condenser tube plate application. However, such certificate is not required from vendors on whom PO has been placed by BHEL Haridwar for Ti clad plates meeting requirements of clause (1).	
03	Vendor to furnish copy of P.O. of supplied Ti Clad plate for which certificate is furnished as per clause (2).	
04	All PQR documents are to be signed and stamped in original by Ti Clad Plate manufacturer and in case, documents are in language other than English, the English translated copies of the documents, duly certified, should also be furnished.	
Note- This is applicable for both registered as well as un-registered vendors.		

➤ **Quality Requirements-**

Sl. No.	Quality Requirement	Vendor's confirmation (Y/N)
01	All vendors to confirm, endorse & return back QP No "QA/F/QP/035/ENNORE, Rev 00" & confirm Inspection by third party (LRS/TUV/BV) for import and BHEL nominated agency 'TUV' for indigenous as per above mentioned QP.	
Note- This is applicable for both registered as well as un-registered vendors.		

Signature with stamp

Name:

Name of Firm:

Designation:

Date:

ANNEXURE-V

(Item Details and Delivery Schedule)

Tender No.	Material Code	Description	Specification	Qty. (Nos)	Delivery
F/T237/2016 /3765K	W97716018108	TITANIUM CLAD PLATE 46MM Thickness (Base Pl: 40 mm – SA516 Gr 70, Clad pl: 6 mm as per spec.); Size: 46 x 4106 x 5516 (TK x W x L)	AA14001 Rev 01	8	15.05.2017
	W97716018116	TITANIUM CLAD TEST PLATE 46MM Thickness ; (Base Pl:40 mm – SA516 Gr 70, Clad pl: 6 mm as per spec.); Size: 46 x 300 x 300 (TK x W x L)	AA14001 Rev 01	8	15.05.2017

NOTE: THE QUANTITY INDICATED ABOVE CAN BE INCREASED/ DECREASED.

To follow CVC guidelines, intending vendors has to comply all terms and conditions of integrity pact. Hence, submit two ink-signed copies of filled in integrity pact along with your offer in the enclosed format of integrity pact as per Annexure- IX.

ANNEXURE-VI

(Specification AA14001 Rev: 01)



TITANIUM CLADDED PLATES

1. GENERAL:

This specification governs the quality of carbon steel base plate to which is integrally and continuously bonded on one side a sheet of Titanium Plate.

2. APPLICATION:

For use in condensers and heat exchangers as tube plates.

3. CONDITION OF DELIVERY:

Unless otherwise specified, the plates shall be supplied in heat-treated condition.

4. COMPLIANCE WITH NATIONAL STANDARDS:

There is no national standard covering this material.

5. DIMENSIONS AND TOLERANCES:

5.1 Sizes:

The plates shall be supplied to the dimensions specified on the order. Order shall clearly state the following:

Base metal thickness

Clad metal thickness

Length and width of the plate

5.2 TOLERANCES:

Tolerances shall be as per ASTM A264.

5.2.1 Tolerances on Cladded Plate Thickness:

Composite thickness shall not be less than 0.25mm on the specified thickness.

5.2.2 Tolerances on Clad Metal Thickness:

Thickness shall not be less than the specified thickness.

5.2.3 Tolerances on Flatness:

① Tolerance on flatness shall be 2.00mm/metre with a cumulative tolerance of 3.5mm for plate size 4 x 3 m. For bigger sizes the tolerance on flatness shall be 3 mm/m with cumulative flatness upto 5 mm.

5.2.4 Tolerances on Thickness of Base Metal:

Tolerance on thickness of base metal shall comply with IS:1852 "Rolling and cutting tolerances for Hot Rolled Steel products".

Revisions:

Refer Clause No. 14.24 of MOM MRC(HE)

Approved:

INTERPLANT MATERIAL RATIONALISATION
COMMITTEE - MRC (HE)

Rev. No. 01

Amd. No. - 01

Reaffirmed -

Prepared
IIEEP
HARDWAR

Issued

CORP. R&D

Date of 1st issue:

Jan.'92

Dt. July '94

Dt. - 01.11.2001

Year -

GS-11/4

**5.2.5 Tolerances on width :**

UPTO 1050mm (+) 1.6mm
(-) 0.0mm
1050mm and above (+) 3.2mm
(-) 0.0mm

5.2.6 Tolerances on length:

UPTO 3000mm (+) 1.6mm
(-) 0.0mm
3000mm and above (+) 3.2mm
(-) 0.0mm

6. MANUFACTURE:

The cladmed plates shall be manufactured from the plates specified below:

Base metal: As per BHEL Corporate Standard AA 10119, unless otherwise specified.

Clad metal: As per ASTM B265, Gr:1

The cladding metal maybe bonded to the base metal by any method that will produce a clad steel which will conform to the requirements of this specification. Details of the bonding process shall be furnished to BHEL along with the offer.

7. FREEDOM FROM DEFECTS:

The material shall be clean, smooth, sound and free from injurious defects.

8. TEST SAMPLES:

Test samples shall be selected and prepared as per ASTM A264. Number of tests and re-tests shall be carried out as per ASTM A264.

9. MECHANICAL PROPERTIES:**9.1 Tensile:**

The tensile test conducted on the test specimen including cladding metal shall show the following properties:

Tensile Strength : 410 N/mm² Min.
Yield Strength : 230 N/mm² Min.
(0.2% offset)

9.2 Ductility:

Two bend tests of the composite plate shall be made, one with the cladding metal in compression and the other with the cladding metal in tension. The bend test shall be carried out in accordance with AA 10119, specification for base metal and the norms of acceptance shall be as specified therein.

9.3 Shear Strength:

The shear strength test shall be carried out as indicated in Fig 1B of ASTM A264. When tested the shear strength of the cladmed plate shall not be less than 140 N/mm². As an alternative to shear strength test, bend test can be performed.



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9.4 BEND TEST:

Three bend tests shall be made with the cladding metal in compression to determine the quality of the bond. Bend test shall be made in accordance with the specification of cladding material. At least two out of the three tests shall show not more than 50% separation on both the edges of the bent portion. Greater separation shall be cause for rejection.

10. ULTRASONIC TESTING:

- ① The cladded plate shall be examined ultrasonically as per ASTM A578, level I, with acceptance level C and supplementary requirement S1+S7. (100% search is mandatory)

11. REPAIR OF CLADDING:

Any repair work on the cladded plate shall be agreed upon between BHEL and the supplier.

12. QUALITY ASSURANCE REQUIREMENT:

The manufacturer shall conduct all the tests required to ensure that the tube plates offered conform to the requirement of the applicable codes and standards. Manufacturer shall submit a detailed quality plan along with his offer as per the standard format which should include all the tests/checks to be carried out at the various stage of manufacture. This quality plan shall be reviewed by BHEL and BHEL reserves the right to ask for any more checks, details if required at the time of quality plan finalisation. The manufacturer shall manufacture the cladded plate as per the quality plan duly approved by BHEL.

13. CHECK LIST:

The supplier shall fill the enclosed check list as per Annexure-A and submit the same alongwith each offer.

14. DOCUMENTS TO BE FURNISHED:

Following documents shall be furnished alongwith the offer:

- ①
1. A process chart clearly indicating the sequence of manufacture.
 2. Heat treatment details.
 3. Quality plan.
 4. Method of bonding.
 5. Ultrasonic Test.

15. INSPECTION AT SUPPLIER'S WORKS:

BHEL's representative shall have free access at all times until work on contract of BHEL is being performed, to all parts of the manufacturers works. The supplier shall offer BHEL's representative all reasonable facilities without charge to satisfy the latter that the material is being furnished in accordance with this specification.

16. TEST CERTIFICATES:

Four copies of test certificates shall be supplied unless otherwise stated in the order. The test certificate shall bear the following information:

CS-1014

**BHEL Reference:**

BHEL order No.

AA 14001 (Rev. No. XX) Titanium Cladded Plates.

Supplier's reference:

Supplier's name

Test certificate No.

Quantity and weight

Identification marks

Process of manufacture

Heat treatment and Batch No.

Ultrasonic Test.

17. PACKING AND MARKING:

The material shall be separated by size and prepared for shipment in such a manner as to ensure acceptance by common carrier transportation and to afford protection from the normal hazards of transportation.

Each package shall be suitably marked with the following details. A metal label shall be securely attached to each package and shall bear the following information:

AA 14001: Titanium Cladded Plate

BHEL Order No.

Consignment and Identification No.

Size, Number and Weight

Supplier's Name

18. REJECTION AND REPLACEMENT:

In the event of any tubeplate proving defective in the course of preparation, machining, testing, assembly or erection, such plates shall be rejected notwithstanding any previous certification of satisfactory testing and/ or inspection.

The supplier shall undertake to replace the rejected plates at his own cost and the rejected plates shall be sent back to the supplier after fulfilling the commercial terms and conditions.

19. REFERRED STANDARDS:

Standards referred in this specification:

- | | | | |
|----------------|------------|----------------|-------------------|
| 1) AA 10119 | 2) IS 1852 | 3) ASTM: A 264 | 4) ASTM: 265 Gr.1 |
| 5) ASTM: A 578 | | | |



ANNEXURE - A (Clause 13)

CHECK LIST FOR AA 14001

(To be filled by supplier)

- A. Name of Principal supplier :
- B. Name of Indian agent :
1. Grade of material as per specification : Yes/No
2. Tolerance on length/diameter/width/ thickness
flatness as per specification : Yes/No
3. Chemical composition as per specification : Yes/No
4. Mechanical properties as per specification : Yes/No
5. i) Tensile Strength : Yes/No
ii) Yield Strength : Yes/No
iii) Ductibility : Yes/No
iv) Shear Strength : Yes/No
v) Bend Test : Yes/No
6. NDT Tests Offered:
i) Ultrasonic Test : Yes/No
7. Quality Plan on BHEL format enclosed : Yes/No
8. Details of previous experience enclosed
(For new suppliers only) : Yes/No
- C. Deviation taken (please specify
clearly, if any) : Yes/No
- 1)
- 2)
- 3)

Date:

Place:

Signature & Seal of Supplier

CS-10/14

ANNEXURE- VII

(Quality Plan)

MANUFACTURER'S NAME AND ADDRESS			QUALITY PLAN				PROJECT		ENNORE		
VENDOR'S NAME			ITEM	TITANIUM/CLAD PLATES		QP NO.	QA/F/QP/035/ENNORE		TG		
			DRG. NO.				REV. - 00		CONTRACT NO.		
			SPEC.	AA14001					CONTRACTOR		
			REV	AS PER P.O.			Page 1 of 2				
			SUB-SYSTEM								
SL. NO.	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS		AGENCY	REMARKS
1	2	3	4	5	6	7	8	9	D	10	11

1.	BASE MATERIAL (SINGLE PIECE WITHOUT JOINT)	REVIEW OF TCs FOR (i) DIMENSIONAL CHECK (ii) CHEMICAL COMPOSITION (iii) MECHANICAL PROPERTIES (iv) ULTRASONIC TESTING (v) HEAT TREATMENT	MAJOR	VISUAL CHEMICAL MECHANICAL UT HT CYCLE	100%	ASME SA-516 Gr.70 AA10119	ASME SA-516 Gr.70 AA10119	TC	✓	P	V
2.	CLAD MATERIAL	REVIEW OF TCs FOR (i) CHEMICAL COMPOSITION (ii) MECHANICAL PROPERTIES (iii) DIMENSIONAL CHECK	MAJOR	VISUAL CHEMICAL MECHANICAL	100%	ASTM B265 Gr.1	ASTM B265 Gr.1	TC	✓	P	V
3.	SEAM WELDING OF CLAD PLATE	SEAM WELDING	MAJOR	(i) RADIOGRAPHIC TEST (ii) DPT (iii) REVIEW OF WPS/PQR	100%	ASME SEC. VIII Div. 1 ASME SEC. IX	ASME SEC. VIII Div. 1 ASME SEC. IX	I.R.	✓	P	V
4.	EXPLOSION BONDING	BONDING PROCESS	MAJOR	VISUAL	100%	VENDOR STANDARD*	VENDOR STANDARD*	I.R.	✓	P	V
5.	STRESS RELIEVING	STRESS RELIEF	MAJOR	TIME-TEMP CHART	100%	VENDOR STANDARD	VENDOR STANDARD	TC	✓	P	V
6.	FLATTENING	FLATNESS	MINOR	STRAIGHT EDGE	100%	AA 14001	AA 14001	I.R.	✓	P	V
7.	MACHINING	MACHINING TO FINAL DIMENSION	MAJOR	DIMENSION	100%	BHEL PO AND STANDARD	BHEL PO AND STANDARD	I.R.		P	V
8.	TENSILE TEST	TENSILE TEST	MAJOR	MECHANICAL	100%	AA14001	AA14001	TC	✓	P	W

MANUFACTURER/SUB CONTRACTOR	CONTRACTOR	LEGEND:	REVIEWED BY	APPROVED BY
		! D: RECORDS IDENTIFIED WITH 'TICK' SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR IN QA DOCUMENTATION. !! M: MANUFACTURER / SUBCONTRACTOR: THIRD PARTY INSPECTION AGENCY (LRS/TUV/BV) N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF NTPC		

MANUFACTURER'S NAME AND ADDRESS				QUALITY PLAN				PROJECT				ENNORE			
VENDOR'S NAME		ITEM		TITANIUM CLAD PLATES		QP NO.		QA/QP/035/ENNORE REV. - 00		PACKAGE		TG			
BHEL		DRG. NO.		AA14001		AS PER P.O.		Page 2 of 2		CONTRACT NO.		BHEL			
SL. NO.		COMPONENT & OPERATIONS		SUB-SYSTEM		CHARACTERISTICS		CLASS		TYPE OF CHECK		QUANTUM OF CHECK			
1		2		3		4		5		6		7			
8		9		10		11		12		13		14			

9.	DUCTILITY TEST	DUCTILITY BEND TEST	MAJOR	(i) CLADDING MATERIAL IN TENSION (ii) CLADDING MATERIAL IN COMPRESSION	100%	AA 14001	AA 14001	TC.	✓	P	W		
10.	SHEAR STRENGTH TEST	SHEAR TEST	MAJOR	MECHANICAL	100%	AA 14001	AA 14001	TC.	✓	P	W		
11.	BEND TEST	THREE BEND TEST	MAJOR	CLADDING IN COMPRESSION	100%	AA 14001	AA 14001	TC.	✓	P	W		
12.	ULTRASONIC TEST	UT	MAJOR	NDT	100% SCAN	AA 14001	AA 14001	TC	✓	P	W		
13.	DIMENSIONAL INSPECTION	LENGTH, WIDTH, THICKNESS, FLATNESS	MAJOR	DIMENSIONAL	100%	AA 14001 & BHEL PO	AA 14001 & BHEL PO	TC	✓	P	W		
14.	MAKING AND PACKING	VISUAL	MAJOR	VISUAL	100%	AA 14001 & BHEL PO	AA 14001 & BHEL PO	I.R.	✓	P			

Signature
02/12/2016
Sugandh Jaiswal
QA, (BHEL)

MANUFACTURER/SUB CONTRACTOR		CONTRACTOR		LEGEND:		REVIEWED BY		APPROVED BY	
				! D: RECORDS IDENTIFIED WITH 'TICK' SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR IN QA DOCUMENTATION. !! M: MANUFACTURER / SUBCONTRACTOR: THIRD PARTY INSPECTION AGENCY (LRS/TUV/BV) N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHIP' OF NTPC					

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ANNEXURE- VII

Certificate by Chartered Accountant on letter head

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

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

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No. S.O.1722(E) dated October 5, 2006:
Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED act, 2006:
Rs.....Lacs

(Strike off whichever is not applicable)

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

Or

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

Date:

(Signature)

Name-

Membership Number-

Seal of Chartered Accountant

ANNEXURE- IX

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 IPC/ PC 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 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.

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 Bidder(s)/ Contractor(s) undertake(s) to obtain from all subcontractors a commitment consistent with this Integrity Pact and report Compliance to the Principal. This commitment shall be taken only from those sub-contractors whose contract value is more than 20 % of Bidder's/ Contractor's contract value with the Principal. The Bidder(s)/ Contractor(s) shall continue to remain responsible for any default by his Sub-contractor(s).
- 6.2 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.
- 6.3 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 /Sub-contractors

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.
- 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 As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or heal the situation, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 8.6 The Monitor will submit a written report to the CMD, BHEL within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8.7 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.
- 8.8 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant IPC / PC 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.

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

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

Section 9 – Pact Duration

9.1 This Pact begins and shall be binding on and from the submission of bid(s) by bidder(s). It expires for the Contractor 12 months after the last payment under the respective contract and for all other Bidders 6 months after the contract has been awarded.

9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified as 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

(Office Seal)

For & On behalf of the Bidder/ Contractor

(Office Seal)

Place-----

Date-----

Witness: _____

(Name & Address) _____

Witness: _____

(Name & Address) _____

ANNEXURE- X

General Instructions and Standard Terms & Conditions (GISTC) For Indian Bidders



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)
For Indian Bidders (Version April-2016)

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4. TENDER OPENING.
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6. PRICE SCHEDULE.
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9. PENALTY FOR LATE DELIVERY.
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11. TAXES & DUTIES.
12. BANK GUARANTEE.
13. GUARANTEE / WARRANTY AND CORRESPONDING REPAIRS / REPLACEMENT OF GOODS.
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15. VALIDITY.
16. RIGHT OF ACCEPTANCE.
17. TRANSIT INSURANCE.
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21. SETTLEMENT OF DISPUTES/ARBITRATION.
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23. CONDITIONS FOR AVAILING MICRO & SMALL ENTERPRISES (MSE'S) BENEFITS.
24. INFORMATION TO THE BIDDERS.
25. NOTE.

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).

2. ORIGIN OF QUOTATION.

- 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.
- b) An agent cannot quote on behalf of more than one principal in the same Tender Enquiry.

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

- b) 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. Alternatively, the tenders duly sealed and super-scribed as above may be deposited in the Tender Box. 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 as mentioned above in clause c.

Quotations / Bids not in accordance with General Instructions and Standard Terms & Conditions are likely to be ignored.



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC) For Indian Bidders (Version April-2016)

e) 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. 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 its authorized signatory, along with their bids wherever estimated tender value is Rs. 5 Crore or more. h) In case of open tender, the unregistered bidder shall submit inter alia duly filled-in Supplier Registration Form (SRF) along with the bid. Bidders can download the SRF from www.bhel.com 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. 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. <u>TENDERS RECEIVED AFTER THE SPECIFIED TIME OF THEIR 'SUBMISSION' WILL BE TREATED AS LATE TENDERS AND SHALL NOT BE CONSIDERED UNDER ANY CIRCUMSTANCES.</u> The bidders or their authorized representatives may be allowed to attend tender opening if duly authorized by their principals, through a tender specific letter, for price bid opening 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 anyway detrimental to the interest of the company. 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. Transit insurance shall be arranged by BHEL and not to be included in the prices. 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.
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Quotations / Bids not in accordance with General Instructions and Standard Terms & Conditions are likely to be ignored.



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC) For Indian Bidders (Version April-2016)

e) In case of Indigenous items covered by DGS & D Rate Contract, the bidders should submit latest valid copy of the rate contract along with bid / quotation f) Applicable Sales Tax, Excise Duty and any other statutory levy should be indicated separately and clearly in the bid/quotation. g) Bidders can despatch goods through any Indian Bank Association approved transporters having their branch at HARIDWAR/destination. If material is despatched through other than Indian Bank Association approved transporter, material to be delivered on door delivery BHEL Stores basis. h) In case of despatch of material through any other unapproved transporter, payment shall be made only after receipt of material and any additional charges payable to the transporter shall be to the bidder's account. i) No demurrage / godown rent will be payable to the vendor / vendor's transporter for any delay in payments attributable to the vendor. 7. REVERSE AUCTION. a) BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after Techno-Commercial Evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides for RA. Detailed guidelines available at our site www.bhel.com b) In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-Submission of 'online sealed bid' by the bidder will be considered as tempering of the tender process and will invite action by BHEL as per extant guidelines in vogue.	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) Loading on account of 3rd party inspection charges in case of Indian bidders shall be 0.20%. 9. PENALTY FOR LATE DELIVERY. a) Date of delivery will be considered as per the delivery terms mentioned in the Purchase Order. Penalty will be applicable on total order value @0.5% per week or part thereof subject to maximum of 10% of the PO value unless otherwise specified in Special Conditions of tender enquiry. Acceptance / Non Acceptance of this CONDITION must be specifically mentioned in your quotation. Any deviation from this will be loaded accordingly i.e. BHEL shall load maximum penalty under penalty for late delivery Clause, to the extent the same is not agreed by the bidder, for the purpose of evaluation. b) 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. c) Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone. d) Bidder shall deliver the goods in the manner and schedule agreed under the terms and conditions of Purchase order. e) <u>DELIVERY IN CASE OF REJECTION:</u> In case the material is rejected, then date of replacement will be considered as the actual date of delivery. f) <u>DELIVERY AGAINST BANK DOCUMENTS:</u> 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 penalty purpose.
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Quotations / Bids not in accordance with General Instructions and Standard Terms & Conditions are likely to be ignored.



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

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

For Indian Bidders (Version April-2016)

g) Where the payments are through bank, the documents may be presented for negotiation to BHEL authorized/nominated bank. 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) Loading on account of deviation in payment terms shall be done as per extant rules of BHEL-Haridwar. 11. TAXES & DUTIES. a) If PAN (Permanent Account Number) of the recipient is not available, 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. b) The bidder shall clearly indicate extent of taxes as applicable in his technical bid. c) All forms as required by Law to avail concessional tax benefits are to be submitted within the stipulated time. BHEL reserves the right to withhold the payment due to the bidder or deduct the payment equivalent to additional tax and other liability on BHEL due to non/late submission of above forms. d) Bidder to quote place from where supply of goods is expected, to evaluate us applicable Value Added Tax input credit. Any subsequent changes in this may affect availability of input credit to BHEL; the same will be on bidder's account. e) In case of intra-state sale, bidder to ensure quoting TIN Number of BHEL applicable in the state of transaction and same should be asked by bidder in time. f) Rate of Excise Duty, CST/VAT and Service Tax must be indicated in offer even if it is inclusive.	g) Taxes & duties as applicable at the time of supply shall be payable. h) <u>IMPORTED GOODS OFFERED BY INDIAN BIDDERS AGAINST DEALER INVOICE:</u> Wherever the material being offered is imported, bidder must quote the prices inclusive of CVD. The rate & value of CVD as included in the price must be indicated separately. In case quantum of CVD is not mentioned by the bidder the same will not be considered for evaluation. However bidder will have to pass on the benefit of CVD to BHEL at the time of actual supply. 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 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. 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 12 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) (Contd.--)
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Quotations / Bids not in accordance with General Instructions and Standard Terms & Conditions are likely to be ignored.



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

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(-- Contd.) 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 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. 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). 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.	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. 17. 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.
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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

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18. RISK PURCHASE.

In case of abnormal delays (beyond the maximum late delivery period as per Penalty 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 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.

19. FORCE MAJEURE CLAUSE.

- a) Either party shall be entitled to suspend/cancel performance of his obligations under the contract without any cost to the other party, to the extent that such performance is impeded or made unreasonably onerous by any of the following circumstances: fire, war, flood, riots, earthquake, any other act of God, change in Government Policies, terrorist attack etc. or any other circumstances beyond the control of either party which inter alia include cancellation, suspension of order by end customer due to Force Majeure conditions.
- b) 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.
- c) Regardless of what might otherwise follow from these general conditions, either party shall be entitled to terminate the contract by notice in writing to the other party if performance of the contract remains suspended under Clause Force Majeure for more than six months.

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 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. BHEL reserves the right to claim damages from the bidder, or take appropriate penal action as deemed fit against the bidder, for any infringement of the provisions contained herein.

21. SETTLEMENT OF DISPUTES/ARBITRATION.

In all cases of dispute the matter shall be referred for ARBITRATION by sole arbitrator to be appointed by the Unit Head of Bharat Heavy Electricals Ltd., at HARIDWAR. The award of the Arbitrator shall be final and binding on both the parties. The place of Arbitration shall be Haridwar.

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

22. WHARFAGE / 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 wharfage /demurrage for such delay shall be that of supplier.

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BHARAT HEAVY ELECTRICALS LIMITED

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23. CONDITIONS FOR AVAILING MICRO & SMALL ENTERPRISES (MSE'S) BENEFITS. a) "MSE Suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at annexure-1 where deemed validity of EM II certificate of five years has expired) 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 is found or the requisite documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above require document are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer." b) Any new supplier will be eligible for registration with BHEL as MSE supplier provided at least any one of the following documents are submitted along with application for registration :- c) Valid NSIC Certificate or d) Entrepreneurs Memorandum part II (EM II) certificate (valid based on deemed validity of 5 years) or e) EM II certificate along with attested copy of CA Certificate (as per prescribed format at annexure-A) applicable for the relevant financial year (latest audited), where the deemed validity of EM II is over. f) However, credentials of all MSE suppliers will be verified before advancing the intended benefits. g) 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.	h) 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 20% 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 20% quantities of respective items will be considered for ordering on proportionate basis amongst MSE bidders. i) While distributing the 20% 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 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. j) 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 . k) 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. l) If L1 bidder is MSE bidder, entire quantity will be given to such MSE bidder only.
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Quotations / Bids not in accordance with General Instructions and Standard Terms & Conditions are likely to be ignored.

**BHARAT HEAVY ELECTRICALS LIMITED**

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General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)**For Indian Bidders (Version April-2016)****24. INFORMATION TO THE BIDDERS.**

- a) Purchase related information is available at our Business-to-Business (B2B) Portal available on our website www.bhelhwr.co.in 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 ppx_idx@bhelhwr.co.in 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 www.bhelhwr.co.in
- d) Copy of this Tender Enquiry is being sent through the post.

25. NOTE.

- a) Special conditions of enquiry, if enclosed, will supersede the standard/general terms of enquiry.

Any other Standard terms and Conditions of the bidder attached/referred against the tender enquiry will be treated as null and void ab initio.

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ANNEXURE-XI

General Instructions and Standard Terms & Conditions (GISTC)

For Foreign Bidders



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

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23. NOTE.

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).

2. ORIGIN OF QUOTATION.

- 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.
- b) An agent cannot quote on behalf of more than one principal in the same Tender Enquiry.

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

- b) 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. Alternatively, the tenders duly sealed and super-scribed as above may be deposited in the Tender Box. 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 as mentioned above in clause c.

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e) 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. 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 its authorized signatory, along with their bids wherever estimated tender value is Rs. 5 Crore or more. h) In case of open tender, the unregistered bidder shall submit inter alia duly filled-in Supplier Registration Form (SRF) along with the bid. Bidders can download the SRF from www.bhel.com 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. j) 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. 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. <u>TENDERS RECEIVED AFTER THE SPECIFIED TIME OF THEIR 'SUBMISSION' WILL BE TREATED AS LATE TENDERS AND SHALL NOT BE CONSIDERED UNDER ANY CIRCUMSTANCES.</u> The bidders or their authorized representatives (contd. --)	(-- contd.) may be allowed to attend tender opening if duly authorized by their principals, through a tender specific letter, for price bid opening 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 anyway detrimental to the interest of the company. 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.
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d) Offers received other than CFR basis may result in non consideration of such bids. e) However if BHEL agrees to accept the FOB condition, to arrive at landed cost at our plant/site, the FOB prices shall be loaded for 3% (of FOB Value) towards marine insurance, port handling charges & inland freight or actual freight / port handling charges as per BHEL contract whichever is higher . f) Basis of Evaluation for Bid/Quotation in foreign currency: - Currency exchange rate (TT selling rates of SBI) for evaluation of the bid/quotation received in foreign currency will be as follows: - Single part bid – Date of tender opening. - Two / Three part bid – Date of part 1 opening. - Reverse auction – Date of part-1 opening. g) Evaluation of Indian Agents Commission: - 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. - 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. - 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: - Expected weight of goods (lots wise). - The size of packed goods. - Whether the goods can be dispatched in containers? - Port of Loading. - Port of Discharge. 7. REVERSE AUCTION. a) BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after Techno-Commercial Evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides for RA. Detailed guidelines available at our site www.bhel.com b) In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-Submission of 'online sealed bid' by the bidder will be considered as tempering of the tender process and will invite action by BHEL as per extant guidelines in vogue. 8. DELIVERY TERMS. a) Goods shall be dispatched by sea, unless stated otherwise in the tender enquiry or purchase order. b) 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).
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c) 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. d) 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. e) 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 500 of International Standard Bank proceed re-issued by International chamber of Commerce (ICC). f) No demurrage / godown rent will be payable to the vendor / vendor's transporter for any delay in payments attributable to the vendor. g) 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 to filing the IGM (Import General Manifest) at discharge port. h) In case of CFR contract, bidder to supply the material through a Certified Sea worthy vessel. i) A certificate of origin (COO) sanctioned in country of origin from chamber of commerce of the manufacturing country is mandatory to be provided. However a certificate of origin (COO) from the countries under the restricted list of Govt. of India will not be acceptable. j) 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). k) The invoices being issued by shipping lines must be in the name of BHEL. Otherwise, BHEL will have to forego Input Credit on Service tax.	l) While booking the shipment, bidder to also finalize <u>destination charges</u> and the same should appear over BL or agreed tariff to be provided to BHEL before arrival of shipment. m) If cargo is stuffed in container then the same should be allowed to be moved to CFS of importers choice without any additional charges. n) Load port charges shall be settled by the supplier and not be passed on to BHEL in form of destination charges. o) NNDs (preferably with OBLs) should be sent 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 and ppximx@bhelhwr.co.in (in case of Sea Shipments) Email: kkant@bhel.in; salvi@bhel.in, Sunil.patil@bhel.in (in Case of Air shipments) For latest updation please refer our web site: www.bhelhwr.co.in 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 incoterms other than FOB, OBL should mention the container detention free period.
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9. PENALTY FOR LATE DELIVERY.

- a) Date of delivery will be considered as per the delivery terms mentioned in the Purchase Order. Penalty will be applicable on total order value @0.5% per week or part thereof subject to maximum of 10% of the PO value unless otherwise specified in Special Conditions of tender enquiry. Acceptance / Non Acceptance of this CONDITION must be specifically mentioned in your quotation. Any deviation from this will be loaded accordingly i.e. BHEL shall load maximum penalty under penalty for late delivery Clause, to the extent the same is not agreed by the bidder, for the purpose of evaluation.
- b) 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.
- c) Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone.
- d) Bidder shall deliver the goods in the manner and schedule agreed under the terms and conditions of Purchase order.
- e) The delivery date for penalty purpose will be the Bill of Lading Date/Air way bill.

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) Loading on account of deviation in payment terms shall be done as per extant rules of BHEL-Haridwar.
- d) 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 day of vessel sailing and receipt of OBL from shipping line.

- e) In case BHEL agrees for payment through LC, the same shall be irrevocable, unconfirmed and will be opened 60 days prior to the scheduled delivery and will be valid for a period of 90 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 12 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 our subcontractor's works, the Seller shall be responsible for free replacement / repair of the goods as required by BHEL.

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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

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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). 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.
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- 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 Penalty 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 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.

19. FORCE MAJEURE CLAUSE.

- a) Either party shall be entitled to suspend/cancel performance of his obligations under the contract without any cost to the other party, to the extent that such performance is impeded or made unreasonably onerous by any of the following circumstances: fire, war, flood, riots, earthquake, any other act of God, change in Government Policies, terrorist attack etc. or any other circumstances beyond the control of either party which inter alia include cancellation, suspension of order by end customer due to Force Majeure conditions.
- b) 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.
- c) Regardless of what might otherwise follow from these general conditions, either party shall be entitled to terminate the contract by notice in writing to the other party if performance of the contract remains suspended under Clause Force Majeure for more than six months.

- d) If the war like situation has developed in a country where a bidder's works involved in this tender is located or there is political instability and Indian Embassy located in that country forbids or advises for not having any business dealing with the bidders located in such zone / region/ country, then the offer of such bidders shall be rejected. BHEL reserves the right 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 the Indian embassy located in the affected country.

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 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. BHEL reserves the right to claim damages from the bidder, or take appropriate penal action as deemed fit against the bidder, for any infringement of the provisions contained herein.

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. (Contd.--)

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(-- contd.) 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.

JURIDICION: The courts of Haridwar, 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 www.bhelhwr.co.in. 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 ppx_idx@bhelhwr.co.in 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 www.bhelhwr.co.in.
- d) Copy of this Tender Enquiry is being sent through the post.
- 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.

23. NOTE.

- a) Special conditions of enquiry, if enclosed, will supersede the 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.

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