



**BHARAT HEAVY ELECTRICALS LIMITED**  
**HEEP HARIDWAR INDIA-PIN 249403**  
**FAX NO: 0091 1334 226462/223948**  
**PHONE NO: 0091 1334 284049**

**Tender No.: F/F219/3/3555/K/1**

**Due Date: 23.12.2013**

**Sub: BHEL-HEEP/OPEN-TENDER (NIMONIC 80A Bars)**

Dear Sir,

The Heavy Electricals Equipment Plant (HEEP) located in Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators and so on. Government of India has a plan to add 70,000 MW in Five Year Plan (2007-2012) and more than 1,20,000 MW in next five year plan (2012-2017).

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:-

The tender documents & Specification of item can be down loaded from our web site [www.bhel.com](http://www.bhel.com) or [www.bhelhwr.co.in](http://www.bhelhwr.co.in) or [www.tenders.gov.in](http://www.tenders.gov.in) or <http://eprocure.gov.in> submitted with requisite EMD and tender fee. **Only those vendors who fulfill the Minimum Qualifying Requirements & Quality Requirements (as per Annexure) will be considered for further technical evaluation.**

This notification shall be published in Indian as well as International News paper. **The last date for downloading tender documents shall be 22.12.2013 & opening of each tender shall be 23.12.2013.** Tenders will be received up to 01.45 P.M. on **23.12.2013** 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 23.12.2013) will not be REPEAT will not be opened.** BHEL will not be responsible for any type of postal / courier delay.

Intending vendors must remit the tender fee of Rs. 2,000/- for indigenous vendors (or equivalent amount in foreign currency for foreign vendors) against each tender along with the requisite EMD Rs 1,00,000/- (Rupees One Hundred Thousand) in the form of bank draft while submitting the tender documents as detailed in "Instruction to Bidders", after down loading from this web site.

EMD may be waived in following cases-

- Central/ State – PSUs/ Government departments (Documentary proof required).
- Micro and Small Enterprises (Subject of submission of valid NSIC certificate).

Amendments / Corrigendum, if any, will be hosted on our web site only. Other terms and conditions will be as per tender documents.

<b>Tender No.</b>	<b>Item Description</b>	<b>Size</b>	<b>Qty. (Kg)</b>
F/F219/2013/3555/K/1	NIMONIC 80A Bars as per Spec. HW12792 Rev: 02	Dia- 40 mm, L= 1500- 3000 mm	600

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

The details of each item with required delivery are given in **Annexure-4 (Details of Items)**

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

**BIDS SHALL BE OPENED OF THOSE VENDORS ONLY WHO SHALL SUBMIT EMD AND TENDER FEE. [PLEASE SUBMIT SEPARATE DRAFTS FOR EMD AND TENDER FEE DRAWN IN FAVOUR OF BHEL, HARIDWAR IN ANOTHER ENVELOPE SUPERSCRIBED WITH BOLD LETTERS "EMD & TENDER FEE" 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 NIMONIC 80A Bars.

**Un-registered Vendors** - Are those who are not registered with BHEL, Haridwar for procurement of NIMONIC 80A Bars

Un-registered vendors shall be considered, if and only if, they meet the minimum qualification requirement and quality requirements as given below.

### MINIMUM QUALIFICATION REQUIREMENT

#### NIMONIC 80A Bars

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

➤ **Technical Requirements-**

1. Vendor must have experience of manufacturing and supplying round bars in grade NiCr80ATiAl (NIMONIC 80A) as per EN10269 and size  $\phi$ - 40 mm or more.
2. (a) In support of above, details of the experience to be submitted with offer for past three years in the format given below:

S. No	Name of Customer	Purchase order No	Dia	Year of Supply	Quantity

(b) As documentary evidence, vendor to submit test certificates, duly signed by third party inspection agency, for last three supplies.

3. Vendor to confirm that they will meet all the requirements of BHEL specification HW12792. Clause wise confirmation to be given with offer.
4. Vendor must have in-house facilities like melting. Secondary refining (VIM + ESR or VIM + VAR), rolling heat treatment etc. to manufacture round bars as per BHEL specification HW12792 and enquiry size. Details of the manufacturing facilities like melting, secondary refining, rolling, heat treatment etc. to be provided.
5. Details of the testing facilities (in-house or outsourced) for the following test are to be submitted as per BHEL Specification HW12792 requirements (Annexure- VI).
  - i. Mechanical Testing
  - ii. Chemical Testing
  - iii. Creep Rupture Test
  - iv. Metallography Testing
  - v. Non-Destructive Testing

**Note-** Vendors already registered with HEEP, BHEL Haridwar for NIMONIC 80A Bars are exempted from above conditions (1 to 5).

➤ **Quality Requirements-**

1. All vendors to confirm inspection by third party (LRS/TUV/BV) for import and BHEL nominated agency TUV for indigenous as per Quality Plan "QA/CF/QP/353, Rev: 00". (QP enclosed, Annexure-V).

**Note-** This is applicable for both registered as well as un-registered vendors.

## **Vendors must fill up Annexure – 1 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 & tender fee.**
  2. **All un-registered vendors shall be approved by BHEL, if found suitable, on the basis of data furnished by them in Supplier Registration Form (SRF) Foreign Vendors or Indigenous Vendors. Vendor (s) shall not be considered for ordering if not approved by BHEL (Refer Annexure- VII & VIII)**
  3. **BHEL team may visit the vendor (s) works for verification of capability and capacity claimed in tender documents/offer (s).**
  4. 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.
5. **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.**
  6. Any corrections / amendments shall be properly & fully authenticated with signature. No overwriting is acceptable.
  7. In case of ordering, manufacturing plan should be submitted for BHEL approval.
  8. 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.
  9. 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.
  10. 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. Any offers beyond this period shall be rejected.
  11. Currency exchange rate will be applicable on the date of opening of Part-I (Techno-commercial Bid) for evaluation purpose.
  12. **Depending upon the delivery suitability, BHEL reserves the right to split order on more than one vendor.**
  13. **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.**
  14. 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.
  15. All test certificates / Guarantee certificates to be submitted in TRIPLICATE along with dispatch documents.
  16. 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.
  17. **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. Bidder should clearly indicate their acceptance for reverse auctioning in Annexure-1. The bids of those vendors who do not agree for reverse auction may not be considered. The Terms & Condition for Reverse Auctioning are given below.**
  18. Total weight -- /Gross / Net in Kg. & also package size essentially should be indicated if not exact then approximate.
  19. 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.**

20. SETTLEMENT OF DISPUTES

- Indigenous Vendors: In all cases of dispute the matter shall be referred for arbitration to any arbitrator to be appointed by the Executive Director or any officer who is the administrative head of Bharat Heavy Electricals Ltd., at Haridwar. The venue of arbitration shall invariably be Ranipur Haridwar. The award of the arbitrator shall be final and binding on both the parties. The arbitrator shall have the power to extend, from time to time, the time for making his award with the consent of the parties.
- Foreign Vendors: In the event of any dispute or difference arising between the parties to this contract regarding execution of same or their respective rights and liabilities there under, the same shall except as otherwise expressly provided therein, be referred to the arbitration of the two arbitrators, one to be appointed by each party; or in the case of the said arbitrators not agreeing then an umpire to be appointed by the two arbitrators in writing before entering on that reference and provisions of the Indian Arbitration Act, 1940 or any statutory notification, or re-enactment therefore and rules framed there under from time to time shall apply to such arbitration. If the two arbitrators do not agree on the appointment of umpire, the nomination of the umpire shall be done by the International Chamber of Commerce, Paris(France). The decision of arbitrators, or in case of their not agreeing, that of the said umpire shall be binding both on seller and purchaser. The venue of the arbitration invariably be New Delhi.

21. JURISDICTION

All question, dispute or differences arising under, out of or in connection with the purchase order shall be subject to the exclusive jurisdiction of Haridwar courts.

22. OVER RIDING CLAUSE

All stipulations made in any correspondence other than those exchanged in regards to “instruction” in our tender documents / enquiry for submission of your offer, if at all shall be void to the extent they are repugnant to the conditions contained herein above and in the purchase order.

23. FINALITY OF MANAGEMENT DECISION

At all places in the preceding clauses BHEL Management’s decision shall be final.

**IN CASE YOU ARE NOT MAKING AN OFFER AGAINST THIS ENQUIRY, THEN PLEASE ARRANGE TO SEND A LETTER OF REGRET IF YOU HAVE COLLECTED THE TENDER DOCUMENTS FROM BHEL.**

**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 as per Annexure-2 (For unregistered vendors only)
- b. Complete technical offer as per specification, drawings, technical requirement along with un-priced bid giving FOB, C&F rate.
- c. Inspection charges separately and delivery schedule.
- d. Validity of offer to be indicated.
- e. **Annexure - 1** - Compliance sheet for technical/commercial terms and conditions for two part tender.
- f. **Deviation with reference to specification/drawing, if any, should be clearly indicated on a separate sheet.**
- g. Details of activity outsourced.
- h. Copy of enclosed Quality Plan (Annexure- V).

**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, prices to be quoted on FOB & C&F Mumbai (India) basis separately. In case of FOB, Loading port must be mentioned. Please note that **Ex-Works** price may **not** acceptable & offer shall not be considered. In case of Indigenous vendor, prices must be quoted on FOR- Destination- Store-HEEP-BHEL basis.
- d. Insurance – Marine in case of foreign vendor & inland in case of Indigenous vendor shall be taken care by BHEL.
- e. LRS/TUV/BV inspection charges to be quoted separately.
- 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.**
- g. LD Penalty shall be applicable at the rate of ½ % (half percent) per week or part thereof subject to a maximum of 10%. In case of any variation in LD penalty, your prices shall be loaded to the extent LD penalty not accepted by you.
  - Payment term shall be “100% payment against dispatch documents, through irrevocable LC or Cash against Documents (for foreign vendors) with bank charges as either side and after receipt and acceptance of material (for indigenous vendors)”. **BHEL as a rule do not agree to release advance payment.**
  - **Difference, if any, in cost in payment terms with respect to BHEL Payment terms (“100% payment against dispatch documents, through irrevocable LC (for foreign vendors) and after receipt and acceptance (for indigenous vendors)” shall be loaded in prices of vendor.**
- h. Irrevocable LC is opened for one quarter (3 months) & is established 45 days prior to delivery schedule. The charges of establishing the LC are on either side i.e. charges in India to be borne by BHEL and charges outside of India to be borne by vendor. If any vendor insists for LC for more than one quarter, vendor has to essentially bear all charges (Within & Out side India) for the period exceeding one quarter.
- i. **BHEL does not open confirmed LC even if vendor agrees to bear the confirmation charges.**

**Part-III - Vendor Registration Form (SRF)**

**(SRF-Foreign Suppliers or SRF-Indian Suppliers)**

- a. 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 (ITEM NAME) AGAINST TENDER NO.----- DUE ON -----
- Drafts for Tender Fee & EMD to be kept in one envelop – Envelop –A. On the Top of the envelop, 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 - Part-I to be kept in another envelop – Envelop-B & to be marked as Techno-Commercial Offer.
- 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-I

### 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	Confirm that prices are quoted inclusive of third party inspection charges on FOB as well as C & F 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 "On collection basis through SBI/PNB Ranipur, Hardwar" (CAD)	YES / NO
11	LD Penalty shall be applicable at the rate of ½ % (half percent) per week or part thereof subject to a maximum of 10%.	YES / NO
12	Confirm that all test certificates to be submitted as per BHEL specification. in TRIPLICATE along with despatch documents	YES / NO
14	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
15	Confirm specifically that material shall be supplied as per tender documents.	YES / NO
16	Ink signed order acceptance shall be furnished within 15 days of order placement.	YES / NO
17	Confirm if there is Indian agency commission.	YES / NO
18	Please confirm to participate in Reverse Auction on CIF Mumbai basis inclusive third party inspection charges for foreign suppliers. For Indian suppliers, please quote your rates without inspection charges on FOR Destination basis, your rates will be loaded accordingly for inspection charges as Inspection will be arranged by BHEL.	YES / NO
19	Confirm acceptance of Risk Purchase clause.	YES / NO
20	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

## ANNEXURE-II

### MINIMUM QUALIFICATION REQUIREMENT FOR NIMONIC 80A BARS

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 must have experience of manufacturing and supplying round bars in grade NiCr80ATiAl (NIMONIC 80A) as per EN10269 and size $\phi$ - 40 mm or more.																															
02	<p>(a) In support of above, details of the experience to be submitted with offer for past three years in the format given below:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">S. No</th> <th style="text-align: center;">Name of Customer</th> <th style="text-align: center;">Purchase Order No</th> <th style="text-align: center;">Dia</th> <th style="text-align: center;">Year of Supply</th> <th style="text-align: center;">Quantity</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>(b) As documentary evidence, vendor to submit test certificates, duly signed by third party inspection agency, for last three supplies.</p>	S. No	Name of Customer	Purchase Order No	Dia	Year of Supply	Quantity																									
S. No	Name of Customer	Purchase Order No	Dia	Year of Supply	Quantity																											
03	Vendor to confirm that they will meet all the requirements of BHEL specification HW12792. Clause wise confirmation to be given with offer.																															
04	Vendor must have in-house facilities like melting. Secondary refining (VIM + ESR or VIM + VAR), rolling heat treatment etc. to manufacture round bars as per BHEL specification HW12792 and enquiry size. Details of the manufacturing facilities like melting, secondary refining, rolling, heat treatment etc. to be provided.																															
05	<p>1. Details of the testing facilities (in-house or outsourced) for the following test are to be submitted as per BHEL Specification HW12792 requirements (Annexure- VI).</p> <p>i. Mechanical Testing            ii. Chemical Testing            iii. Creep Rupture Test            iv. Metallography Testing            v. Non-Destructive Testing</p>																															
<p><i>Note- Vendors already registered with HEPP, BHEL Haridwar for NIMONIC 80A Bars are exempted from above conditions (1 to 5).</i></p>																																

➤ **Quality Requirements-**

Sl. No.	Quality Requirement	Vendor's confirmation (Y/N)
01	Vendors to accept the quality plan and submit with seal and signature along with their offer (Quality Plan Enclosed, Annexure- V).	
02	All vendors to confirm inspection by third party (LRS/TUV/BV) for import and BHEL nominated agency TUV for indigenous as per Quality Plan "QA/CF/QP/353, Rev: 00". (QP enclosed, Annexure- V).	
<p><i>Note- This is applicable for both registered as well as un-registered vendors.</i></p>		

**Signature with stamp**

**Name:**

**Name of Firm:**

**Designation:**

**Date:**

## **ANNEXURE-III**

### **TERMS AND CONDITIONS OF REVERSE AUCTIONING**

Against this enquiry for the subject item /system with detailed scope of supply as per enquiry specifications, BHEL may resort to “REVERSE AUCTION PROCEDURE” i.e., ON LINE BIDDING ON INTERNET.

- For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
- BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
- BHEL will inform the vendor in writing in case of reverse auction, the details of Service Provider to enable them to contact & get trained.
- Business rules like event date, time, start price, bid decrement, extensions etc. also will be communicated through service provider for compliance.
- Vendors have to fax the Compliance form in the prescribed format (provided by Service provider) before start of Reverse auction. Without this, the vendor will not be eligible to participate in the event.
- BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at “Total Cost to BHEL” like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the vendor to enable them to fill-in the price and keep it ready for keying in during the Auction.
- Reverse auction will be conducted on scheduled date & time.
- At the end of Reverse Auction event, the lowest bidder value will be known on the network.
- The lowest bidder has to Fax the duly signed Filled-in prescribed format as provided on case-to-case basis to BHEL through Service provider within 24 hours of Auction without fail.
- Any variation between the on-line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure.
- In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL’s standard practice.

## ANNEXURE-IV

### (Item Details and Delivery Schedule)

<b>Tender No.</b>	<b>Material Code</b>	<b>Description</b>	<b>Specification</b>	<b>Size</b>	<b>Qty.</b>	<b>Delivery</b>
F/F219/2013/ 3555/K /1	HW1270292056	NIMONIC 80A Bars	HW12792 Rev: 02	Dia- 40 mm, L= 1500- 3000 mm	600 Kg	31/03/2014

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

# ANNEXURE-V





## (Quality Plan)





MANUFACTURER'S NAME AND ADDRESS				STANDARD QUALITY PLAN				TO BE FILLED BY BHEL				TO BE FILLED BY BHEL										
VENDOR'S NAME		ITEM		NIMONIC 80A BARS		QP NO.		QA/CF/QP/353		REV.		00		REMARKS								
BHEL		DRG. NO.		AS PER PO		HW12792		AS PER PO		AS PER PO		AS PER PO		AS PER PO								
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		10		11		
1.	MELTING IN VIM	CHEMICAL COMPOSITION	MAJOR	SPECTRO ANALYSIS	EACH HEAT	HW12792	HW12792	TC	HW12792	TC	P	V										
2.	REFINING (ESR or VAR)	CHEMICAL COMPOSITION	MAJOR	SPECTRO ANALYSIS	EACH HEAT	HW12792	HW12792	TC	HW12792	TC	P	V										
3.	HOT FORGING / ROLLING						AS PER VENDOR'S PRACTICE	IR			P	-										
4.	HEAT TREATMENT (SOLUTION ANNEALING)	TIME & TEMPERATURE	MAJOR	HT CHART	100%	HW12792	HW12792	TC	HW12792	TC	P	V										
5.	STRAIGHTENING	STRAIGHTENESS	MAJOR	STRAIGHTENESS	100%	HW12792 & AS PER VENDOR'S PRACTICE	HW12792	TC	HW12792 & AS PER VENDOR'S PRACTICE	TC	P	V										TO BE PERFORMED IF REQUIRED
6.	HARDNESS TEST (IN SOLUTION HEAT TREATED CONDITION)	HARDNESS	MAJOR	HARDNESS	AS PER SPEC	HW12792	HW12792	TC	HW12792	TC	P	W										
7.	MECHANICAL TESTING (IN PRECIPITATION HEAT TREATED CONDITION)	0.2% PROOF STRENGTH TENSILE % ELONGATION (IN PRECIPITATION HEAT TREATED CONDITION) IMPACT HARDNESS	MAJOR	MECHANICAL TEST	AS PER SPEC	HW12792	HW12792	TC	HW12792	TC	P	W										
8.	METALLOGRAPHIC TESTING	CREEP RUPTURE TEST GRAIN SIZE / MICROSTRUCTURE	MAJOR	METALLOGRAPHIC	PER MELT PER HT BATCH	HW12792	HW12792	TC	HW12792	TC	P	V										
9.	NDT	SURFACE DEFECTS INTERNAL DEFECTS	MAJOR	VISUAL UT	100% 100%	HW12792	HW12792	TC	HW12792	TC	P	W										
10.	VISUAL & DIMENSIONAL CHECK	VISUAL & DIMENSION	MAJOR	VISUAL & MEASURE	100%	PURCHASE ORDER	PURCHASE ORDER	TC	PURCHASE ORDER	TC	P	W										*10% RANDOM
11.	IDENTIFICATION MARKING	MARKING	MAJOR	VISUAL	100%	HW12792	HW12792	TC	HW12792	TC	P	V										




  

<p>LEGEND:</p> <p>* RECORDS IDENTIFIED WITH "TICK" SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR IN QA DOCUMENTATION.</p> <p>M: MANUFACTURER / SUBCONTRACTOR B: BHEL / NOM. INSPECTION AGENCY N: CUSTOMER</p> <p>INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION</p> <p>ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF CUSTOMER</p>	<p style="text-align: center;">FOR CUSTOMER USE</p> <p style="text-align: center;">APPROVED BY</p> <p style="text-align: center;"><i>Sugandh Singh</i></p> <p style="text-align: center;"><i>Sugandh Singh</i></p> <p style="text-align: center;">SA</p>
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दिनांक एवं हस्ताक्षर SIGN & DATE		<b>संस्थान क्रय विनिर्देश (हीप - हरिद्वार)</b>		<b>HW 12792</b>																															
		<b>PLANT PURCHASE SPECIFICATION</b> (HEEP - HARIDWAR)		पृष्ठ का Page 2 of 4																															
सामग्री सूची संख्या को INVENTORY NO. अधिकृत करता है	SUPERSEDES INVENTORY NO.	<table border="1"> <tr> <td>C</td> <td>0.04 – 0.10</td> <td>Si</td> <td>≤ 0.30</td> <td>Mn</td> <td>≤ 1.00</td> </tr> <tr> <td>P</td> <td>≤ 0.010</td> <td>S</td> <td>≤ 0.010</td> <td>Cr</td> <td>18.0 – 21.0</td> </tr> <tr> <td>Ti</td> <td>1.80 – 2.70</td> <td>Ni</td> <td>≥ 65.0</td> <td>Co</td> <td>≤ 1.00</td> </tr> <tr> <td>Fe</td> <td>≤ 1.50</td> <td>Al</td> <td>1.00 – 1.80</td> <td>B</td> <td>≤ 0.008</td> </tr> <tr> <td>Cu</td> <td>≤ 0.20</td> <td>Ti + Al</td> <td>≥ 3.50</td> <td></td> <td></td> </tr> </table>				C	0.04 – 0.10	Si	≤ 0.30	Mn	≤ 1.00	P	≤ 0.010	S	≤ 0.010	Cr	18.0 – 21.0	Ti	1.80 – 2.70	Ni	≥ 65.0	Co	≤ 1.00	Fe	≤ 1.50	Al	1.00 – 1.80	B	≤ 0.008	Cu	≤ 0.20	Ti + Al	≥ 3.50		
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COPYRIGHT AND CONFIDENTIAL The information on this documents is the property of Bharat Heavy Electrical Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company.		Following values shall be aimed at: <ul style="list-style-type: none"> <li>Si ≤ 0.10</li> <li>P ≤ 0.005</li> <li>S ≤ 0.005</li> </ul> Additionally the content of analyzed trace elements as Pb, Zr, Ag, Bi and Mg shall be reported for information.																																	
स्वत्वाधिकार एवं गोपनीय इस प्रलेख में दी गई सुचना भारत हेवी इलेक्ट्रिकल्स की सम्पत्ति है इस्का प्रयोग एवं अप्रत्यक्ष रूप से किसी भी तरह प्रयोग, जो कि कम्पनी के हित में हानिकारक हो न किया जाए।		<b>6.2 Mechanical Properties:</b> <b>6.2.1 As Solution Heat Treated:</b> A hardness test shall be performed to verify the uniformity of the strength within a delivery lot (per melt and heat treatment batch). The test amount shall be 10% of the bars with a minimum of 10 bars. When the lot consists of less than 10 bars then all bars shall be tested.																																	
		<b>6.2.2 Testing of Representative Mechanical properties in Precipitation Heat Treated Condition:</b> The mechanical properties are to be determined for each heat treatment batch using reference specimens. The test pieces are to be heat treated after the solution treatment according to the following: <ul style="list-style-type: none"> <li>Stabilization: 845 ± 10°C/ 24h / air</li> <li>Precipitation Hardening: 700 ± 10°C/ 16h / air</li> </ul>																																	
		<b>6.2.2.1 The following properties shall be reached in the longitudinal direction at room temperature:</b> <table border="1"> <thead> <tr> <th>0.2% proof Strength N/mm<sup>2</sup></th> <th>Tensile Strength N/mm<sup>2</sup></th> <th>Elongation (Lo=5d) (%)</th> <th>Reduction in area (%)</th> <th>Impact Energy (J)</th> <th>Hardness HB</th> </tr> </thead> <tbody> <tr> <td>≥ 600</td> <td>1000 - 1300</td> <td>≥ 12</td> <td>≥ 12</td> <td>≥ 20<sup>1)</sup></td> <td>310 - 400</td> </tr> </tbody> </table>				0.2% proof Strength N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Elongation (Lo=5d) (%)	Reduction in area (%)	Impact Energy (J)	Hardness HB	≥ 600	1000 - 1300	≥ 12	≥ 12	≥ 20 <sup>1)</sup>	310 - 400																		
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		<b>6.2.2.2 Creep Rupture Test at 750°C:</b> A creep rupture test has to be carried out according to DIN EN 10291 using the following parameters: Test temperature 750°C Axial stress 310 MPa																																	
हस्ताक्षर एवं दिनांक SIGN & DATE 		The following values have to be reached: Creep rupture time $t_m \geq 100$ h Elongation $A_u \geq 4$ % Reduction of area $Z_u \geq 4$ %																																	
सामग्री सूची संख्या INVENTORY NO. P-3132		REV 02		निर्माणकर्ता WORKED BY Devdutt Singh 																															
				जांचकर्ता CHECKED BY Ashish Ranjan 																															
				01.12.2012 01.12.12																															

दिनांक एवं हस्ताक्षर/SIGN & DATE		<b>संस्थान क्रय विनिर्देश (हीप - हरिद्वार)</b> <b>PLANT PURCHASE SPECIFICATION</b> (HEEP - HARIDWAR)		<b>HW 12792</b> पृष्ठ का <b>Page 3 of 4</b>	
SUPERSEDES INVENTORY NO. संपूर्ण सूची संख्या को सफाई करना है	<p>If no creep rupture occurs after 100 h, the axial stress can be increased for further 30 MPa after every 24 h, until the creep rupture occurs.</p> <p><b>6.3 Metallography:</b>          The ASTM grain size per melt and heat treatment batch in solution annealed condition shall be determined in accordance with ASTM E 112.          A homogeneous microstructure along the whole section of the bar with a grain size 3 to 6 according to ASTM E 112 shall be achieved.          A grain size Duplex ALA 3 according to ASTM E 390 is acceptable. A deviating microstructure has to be documented according to ASTM E 1181 and to be approved by BHEL.</p> <p><b>6.4 Outer and Inner Quality / NDE:</b>  <b>6.4.1 Scope of Inspection:</b>          Following NDE shall be performed in delivery condition (as solution heat treated):</p> <ul style="list-style-type: none"> <li>• Visual inspection of all bars</li> <li>• verification test of all bars</li> <li>• Complete ultrasonic inspection (UT) of all bars according to EN 10308 type 1a-1c (table 1).</li> </ul> <p><b>6.4.2 Criteria for registration and decision:</b>          Regarding UT inspection quality class 3 according to EN10308 (table 3) shall be applied.          The decision limit for loss of back wall echo is 3 dB for all bar dimensions. Any linear or surface like inhomogeneity larger than 10 mm in any direction is not acceptable.</p>				
<b>COPYRIGHT AND CONFIDENTIAL.</b> The information on this documents is the property of Bharat Heavy Electrical Limited It must not be used directly or indirectly in any way detrimental to the interest of the company	<p><b>7.0 DOCUMENTATION:</b>          The supplier shall supply four copies of the test certificate 3.1 as per EN10204 unless and otherwise stated on the order. The test certificate shall bear the following information:</p> <ul style="list-style-type: none"> <li>• Order no.</li> <li>• Specification no.</li> <li>• Heat Number, heat analysis and melting method</li> <li>• Complete information of all heat treatments performed</li> <li>• Hardness measurements in solution heat treated condition &amp; All Individual values shall be reported.</li> <li>• Mechanical test result including hardness measurements in precipitation heat treated condition. All individual values shall be reported.</li> <li>• Results of grain size determination</li> <li>• Results of non destructive testing</li> <li>• Results of creep test</li> <li>• Confirmation of the dimensional and visual check</li> <li>• Confirmation of the material identification check</li> </ul> <p><b>8.0 CLEARANCE FOR DELIVERY:</b>          The total results of the tests / checks carried out are the deciding factor for clearance for delivery, and hence shall be intimated to BHEL in advance. In case of nonconformance, BHEL evaluates the total results</p>				
<b>स्वत्वाधिकार एवं गोपनीय</b> इस प्रलेख में दी गई सूचना भारत भारती इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रकाश एवं आभार्य रूप से किसी भी माध्यम प्रयोग, जो कि कम्पनी के हित में हानिकारक हो न किया जाए ।					
दिनांक एवं हस्ताक्षर/SIGN & DATE 					
संपूर्ण सूची संख्या <b>INVENTORY NO</b> <b>P-31372</b>	REV 02	निर्माणकर्ता WORKED BY	Devdutt Singh		01.12.2012
		जांचकर्ता CHECKED BY	Ashish Ranjan		01.12.2012

दिनांक एवं हस्ताक्षर SIGN & DATE		<b>संस्थान क्रय विनिर्देश (हीप - हरिद्वार)</b>  <b>PLANT PURCHASE SPECIFICATION</b> <b>(HEEP - HARIDWAR)</b>		<b>HW 12792</b> पृष्ठ का <b>Page 4 of 4</b>	
सामग्री सूची संख्या को INVENTORY NO. अधिकारित करना है	<p>taking into consideration intended use of the material and examines accordingly the acceptability of deviation (if any). No material shall be delivered, if deviated, without acceptance by BHEL. The clearance, however, does not relieve the supplier of his responsibility for the hidden / unreported non-permissible defects which are found later.</p> <p><b>9.0 MARKING:</b></p> <p>The marking of the material shall be such that heat no., heat treatment batch no., specification no. or Material grade &amp; manufacturer name / identification are legible.</p> <p><b>10.0 DEVIATIONS:</b></p> <p>Deviations from this Purchase Specification, which arise during manufacturing, may be submitted to BHEL in writing, giving full details of the deviation. Acceptance of concession request will be at the sole discretion of BHEL.</p> <p><b>11.0 CROSS REFERRED STANDARDS:</b></p> <p>EN 10269, ASTM E 112, ASTM E 390 , ASTM E 1181,EN 10291, EN 10308, EN10204.</p>				
<b>COPYRIGHT AND CONFIDENTIAL</b> The information on this documents is the property of Bharat Heavy Electrical Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company					
<b>स्वत्वाधिकार एवं गोपनीय</b> इस प्रलेख में दी गई सूचना भारत भारती इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रकाश एवं अप्रकाश रूप से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए ।					
हस्ताक्षर एवं दिनांक SIGN & DATE					
सामग्री सूची संख्या INVENTORY P-3132	REV 02	निर्माणकर्ता WORKED BY	Devdutt Singh		01.12.2012
		जांचकर्ता CHECKED BY	Ashish Ranjan		01.12.2012

**ANNEXURE-VII**

**(Supplier Registration Form Indigenous Vendor)**

	<b>Annexure-VII</b> <b>GUIDELINES TO INDIAN SUPPLIERS</b> <b>FOR FILLING-UP</b> <b>SUPPLIER REGISTRATION FORM</b>	Document No.	AA:MM:SR:01
		Revision No.	01
		Page No.	I of II

- Prospective Suppliers may also visit our web site [www.bhel.com](http://www.bhel.com) (link Supplier Registration -> New Supplier Required) to know more about the requirement of new suppliers for various items in our units.
- Registration Form may be obtained from BHEL website [www.bhel.com](http://www.bhel.com).
- Application for registration, with a covering letter detailing where your products can find application (if possible) in BHEL unit(s), should be sent to:

Supplier Development Cell  
Unit Name:  
Bharat Heavy Electricals Ltd.  
City:  
India


- In case registration is being sought in multiple units of BHEL, please send the separate application to each unit.
- Any clarification with respect to procedure for registration may be obtained from the Supplier Development Cell of respective BHEL unit.
- The Supplier Registration Form has four parts:

Part A	Organisational Information	Form no. SRF(I)01 – page 1 to 10
Part B	Quality System	Form no. SRF(I)01 - page 11 to 12
Part C	Technical Competence	Form no. SRF(I)01 page 13 (if sent by BHEL)
Part D	Score Sheet (to be filled by BHEL)	Form no. SRF(I)01 page 14 to 17

The set of formats to be filled by different category of suppliers is as follows:

Sl.No	Supplier Category	Formats
1.	Indian Suppliers ( manufacturers )	- Organisational Information - Quality System - Technical Competence
2.	Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal	- Organisational Information SRF(I)01- Part A (page 1 to 10 except Sl. No. 5.1, 5.2, 6.6, 6.7, 7 & 8)

- All columns are to be filled up properly in the space provided for. Wherever it is not applicable, please mention “Not Applicable”. The form is to be signed by the authorised signatory.
- A separate sheet may be attached if the space provided is insufficient or additional information is to be given. Please put proper identification tag on the separately attached sheet.
- Please ensure that all required enclosures are attached with the filled up Supplier Registration Form and all enclosures are numbered & list of enclosures is given as required.
- As multiple copies of the application forms are required for processing at our end, please do not spiral bound the application forms or its enclosures and instead send them in two hole clip flat file.
- Incomplete forms will be rejected.
- Any information / clarification required by BHEL during evaluation must be given expeditiously.
- Please note that if you are registered and participate in Tender process and qualify to get order from BHEL, your performance based on Quality of your product, delivery performance and service rendered will be evaluated inline with Chapter VI.
- Please fill up the check- list given on next page and send along with the Supplier Registration Forms to BHEL.
- If you are attaching a document in a language other than Hindi/ English, a self attested Hindi/ English translated document may please be also attached.

	<b>Annexure-VII</b> <b>Check List for Indian Supplier</b> <b>Registration Form</b>	Document No.	AA:MM:SR:01
		Revision No.	01
		Page No.	II of II

Sl.No.	Check-Point	Yes/No
1.	Information against all points under “Organizational Information” (Part-A) has been given.	
2.	All enclosures and supporting documents have been enclosed.	
3.	Summary list of enclosures has been furnished as per S.N.10 of Organisational Information form no. SRF (I) 01 & S.N 12 of Quality system form no. SRF (I) 01.	
4.	Are you an ISO 9001 accredited supplier?	
5.	If yes, have you enclosed "Table of Contents" of your Quality Manual and copy of ISO 9001 accreditation certificate?	
6.	Have you filled up Quality System format given in Part B?	
7.	Technical requirements, specifications, drawings, standards have been received from BHEL before filling up Technical Competence, Part C.	
8.	All the parts of the form & enclosures have been signed by Authorised Signatory.	
9.	Have you attached EFT details? (In original, Certified by the bank)	
10.	If you are seeking registration for a MSME company (as per MSME Act of Government of India), have you attached requisite certificate as per Act?	

Date :

Signature & seal

(Authorised Signatory)

Note: This check list is to be attached with the filled up Supplier Registration Form.

**BHARAT HEAVY ELECTRICALS LIMITED  
SUPPLIER REGISTRATION FORM**

**FORM NO. SRF(I) 01 (INDIAN SUPPLIER)**

**ANNEXURE-VII**

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**INFORMATION WITH \* MARKS IS SCOREABLE.**

**PART- A : ORGANISATIONAL SOUNDNESS**

ALL COLUMNS SHOULD BE PROPERLY FILLED IN THE SPACE PROVIDED FOR, WHEREVER IT IS NOT APPLICABLE, PLEASE WRITE "NOT APPLICABLE". INCOMPLETE OR INCORRECT FORMS MAY NOT BE CONSIDERED. **PLEASE ATTACH SEPARATE SHEET, IF SPACE AVAILABLE IS INADEQUATE.**

**ALL THE PAGES OF THE FORM ARE TO BE SIGNED ALONGWITH SEAL BY THE AUTHORISED SIGNATORY**

<b>ORGANISATIONAL INFORMATION</b>			
<b>NAME AND CORRESPONDENCE ADDRESS OF THE SUPPLIER SEEKING REGISTRATION :-</b>			
<b>1.0 PRODUCTS / SYSTEMS / SERVICES FOR WHICH REGISTRATION IS APPLIED FOR :</b>			
SL. NO.	DESCRIPTION	SIZE & RANGE	MFG. STD/ IS / DIN /BS ETC.
<b>SUPPLIER'S AUTHORISED SIGNATORY</b>		<b>BHEL CERTIFIED ASSESSOR</b>	

**BHARAT HEAVY ELECTRICALS LIMITED  
SUPPLIER REGISTRATION FORM**

**FORM NO. SRF(I) 01 (INDIAN SUPPLIER)**

**ANNEXURE-VII**

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**ORGANISATIONAL INFORMATION**

**2.0 GENERAL INFORMATION :**

2.1 NAMES OF THE WORKS/DIVISION (Products manufactured at each works to be mentioned :

ADDRESS :

E - Mail :

TELEPHONE : Landline

Mobile

FAX :

2.2 NAME OF CHIEF EXECUTIVE /  
PROPRIETOR / PARTNER & ADDRESS :

2.3 DETAILS OF AUTHORISED SIGNATORY FOR SEEKING CLARIFICATION :

NAME :

DESIGNATION :

E - Mail :

TELEPHONE : Landline

Mobile

FAX :

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED  
SUPPLIER REGISTRATION FORM**

**FORM NO. SRF(I) 01 (INDIAN SUPPLIER)**

**ANNEXURE-VII**

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**ORGANISATIONAL INFORMATION**

**3.0 OWNERSHIP INFORMATION : DOCUMENTS TO BE FURNISHED**

3.1 GOVT. OF INDIA UNDERTAKING:

OR

STATE GOVT. UNDERTAKING :

OR

LIMITED COMPANY, :

MEMORANDUM AND  
ARTICLES OF ASSOCIATION

OR

PRIVATE COMPANY :

MEMORANDUM AND  
ARTICLES OF ASSOCIATION

OR

CO-OPERATIVE SOCIETY, :

SOCIETY RULES AND  
BYE LAWS

OR

PARTNERSHIP FIRM, :

PARTNERSHIP DEED

OR

PROPRIETORSHIP, :

PROFESSION TAX REGN.  
AND MUNICIPAL REGN.

ANY OTHER (SPECIFY) :

3.2 NATURE OF BUSINESS :

(MANUFACTURING UNIT/  
ENGG CONSULTANT/ EPC CONTRACTOR)

(AGENTS/ DISTRIBUTORS/STOCKISTS/DEALERS/  
TRADERS/ INDIAN SUBSIDIARY/ CHANNEL PARTNER – attach authorization  
certificate of principal)

3.3 YEAR OF ESTABLISHMENT :

\* 3.4 YEAR OF COMMENCEMENT OF BUSINESS :

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED  
SUPPLIER REGISTRATION FORM**

**FORM NO. SRF(I) 01 (INDIAN SUPPLIER)**

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**ORGANISATIONAL INFORMATION**

**4.0 REGISTRATION PARTICULARS**

( FURNISH DETAILS AND ENCLOSE COPY OF CERTIFICATE FOR THE FOLLOWING)

- 4.1 PERMANENT ACCOUNT NO :  
4.2 CENTRAL SALES TAX REGN NUMBER :  
4.3 STATE SALES TAX / TIN NUMBER :  
4.4 EXCISE DUTY REGN NUMBER :  
4.5 EXCISE CONTROL CODE NUMBER :  
4.6 SERVICE TAX REGN NUMBER :  
4.7 CATEGORY AS PER MSMED ACT : MICRO/ SMALL/ MEDIUM  
REGN NO. :  
VALID UPTO :  
(Attach Certificate)

**5.0 TOTAL ORGANISATIONAL STRENGTH : (ATTACH ORGANISATION CHART)**

- |  | GRADUATE | DIPLOMA | SKILLED | NON-SKILLED |
|--|----------|---------|---------|-------------|
| ENGINEERING :                                      |          |         |         |             |
| MANUFACTURING :                                    |          |         |         |             |
| QUALITY :  |          |         |         |             |
| COMMERCIAL /<br>SERVICE AFTER SALES :              |          |         |         |             |
| OTHERS :   |          |         |         |             |
| TOTAL :  |          |         |         |             |
| * 5.1 POWER BACKUP :<br>(GIVE DETAILS)             | YES/ NO  |         |         |             |
| * 5.2 DOES THE COMPANY SELL ITS PRODUCT DIRECTLY : | YES/ NO  |         |         |             |

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED  
SUPPLIER REGISTRATION FORM**

**FORM NO. SRF(I) 01 (INDIAN SUPPLIER)**

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**ORGANISATIONAL INFORMATION**

**6.0 OTHER PARTICULARS :**

( FURNISH DETAILS AND ENCLOSE DOCUMENTARY EVIDENCE/ COPY OF CERTIFICATE FOR THE FOLLOWING)

\* 6.1 IF THE COMPANY IS ALREADY REGISTERED WITH ANY OF BHEL UNITS, GIVE :

6.1.1. BHEL UNIT'S NAME :

6.1.2. SUPPLIER REGN. CODE NO. :

6.1.3. ITEMS FOR WHICH REGISTERED & THEIR SPECIFICATION  
( ENCLOSE PROOF OF SUCCESSFUL EXECUTION OF  
ONE OR MORE PURCHASE ORDERS ) :

\* 6.2 IS THE COMPANY APPROVED BY  
ASME / NTPC / NPC / EIL / DGS&D / RAILWAYS /  
IBR / LLOYDS ETC FOR INTENDED  
MATERIAL CATEGORY? : YES / NO  
(ENCLOSE DOCUMENTARY EVIDENCE)

\* 6.3 IS THE COMPANY ISO 9001 APPROVED? : YES / NO  
(ENCLOSE CERTIFICATE & TOC OF QUALITY SYSTEM) :

\* 6.4 IS THE COMPANY AN ISO 14000 APPROVED? : YES / NO  
(ENCLOSE CERTIFICATE) :

\* 6.5 IS THE COMPANY OHSAS - 18000 APPROVED?: YES / NO  
(ENCLOSE CERTIFICATE)

\* 6.6 TECHNICAL COLLABORATOR :  
(FOREIGN OR INDIGENOUS)  
(ENCLOSE DOCUMENTARY EVIDENCE)

\* 6.7 R&D SET UP

6.8 DIRECTORS / PARTNERS, IF RELATED TO ANY  
BHEL EMPLOYEE.  
NAME :  
STAFE NO. :  
DESIGNATION :  
Unit & DEPARTMENT :  
RELATIONSHIP :

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED  
SUPPLIER REGISTRATION FORM**

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**ORGANISATIONAL INFORMATION**

6.9 IF ANY EX-BHEL PERSONNEL IS EMPLOYED BY THE COMPANY, MENTION HIS / HER DETAILS OF LAST POSTING.

NAME :  
STAFF NO. :  
DESIGNATION :  
UNIT & DEPARTMENT :  
DATE OF LEAVING SERVICE :

6.10 COMPANY'S WEEKLY HOLIDAYS :

WORKS                      OFFICE

6.11 EXPERIENCE LIST:

(ATTACH LIST OF PRESENT CUSTOMERS WITH NAME & ADDRESS FOR OFFERED / SIMILAR TYPE & SIZE OF ITEM / EQUIPMENT FOR WHICH REGISTRATION HAS BEEN SOUGHT AND WITH WHOM YOU HAVE CONTINUOUS BUSINESS SINCE LAST THREE YEARS . ALSO ATTACH PERFORMANCE CERTIFICATES ISSUED BY ANY TWO CLIENTS FOR SUCCESSFUL EXECUTION OF THE CONTRACTS FOR LAST TWO YEARS- FOR PEM)

\*6.12 DETAILS OF PENDING LEGAL ISSUES ON CONTRACTUAL ASPECTS WITH CUSTOMER , IF ANY

6.13 The following information of Bank Account of the Company, duly endorsed by the Bank (required for Electronic Fund Transfer –EFT/RTGS) is to be submitted

1. Name of the Company
2. Name of Bank
3. Name of Bank Branch
4. City/Place
5. Account Number
6. Account type
7. IFSC code of the Bank Branch
8. MICR Code of the Bank Branch
9. Details of other Bankers (for reference purpose only)

NOTE :

Suppliers who have already submitted the above information are requested to submit a copy of the same.

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED  
SUPPLIER REGISTRATION FORM**

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

ANNEXURE-VII

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**ORGANISATIONAL INFORMATION**

**7.0 MANUFACTURING FACILITIES:**

**\*7.1 LIST OF MANUFACTURING FACILITIES/EQUIPMENTS (INCLUDING MATERIAL HANDLING FACILITY)**

SL. NO	DESCRIPTION OF MACHINE/EQUIPMENT	QUANTITY	MAKE & YEAR OF INSTALLATION	REMARKS

IN CASE OF SPACE LIMITATION, PLEASE ENCLOSE ANNEXURE / CATALOGUE WITH TAG

**\* 7.2 IF IN-HOUSE MFG FACILITIES NOT AVAILABLE, INFORM SOURCE OF MFG. DETAILS ALONGWITH THEIR FACILITIES & EXPERIENCE**

SL. NO	PROCESS OUTSOURCED	NAME OF THE COMPANY	DESCRIPTION OF MACHINE / EQUIPMENT	REMARKS

IN CASE OF SPACE LIMITATION ENCLOSE ANNEXURE / CATALOGUE WITH TAG

**\* 7.3 RATIO OF OUTSOURCED COST TO TOTAL PRODUCTION VALUE:**

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED  
SUPPLIER REGISTRATION FORM**

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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**ORGANISATIONAL INFORMATION**

**8.0 INSPECTION & TESTING FACILITIES:**

**\* 8.1 LIST OF INSPECTION & TESTING FACILITIES / EQUIPMENT**

SL. NO	DESCRIPTION OF FACILITY/ EQUIPMENT & CAPACITY	NOS.	MAKE & YEAR OF MANUFACTURING	LAST DATE OF CALIBERATION

IN CASE OF SPACE LIMITATION ENCLOSE ANNEXURE / CATALOGUE WITH TAG

**\* 8.2 IF IN-HOUSE TESTING FACILITIES NOT AVAILABLE, INDICATE SOURCE OF TESTING ALONGWITH THEIR FACILITIES & EXPERIENCE**

SL. NO	TEST	SOURCE OF TESTING	DESCRIPTION OF FACILITY/ EQUIPMENT & CAPACITY	APPROVAL OF EQUIPMENT/ PROCESS/PERSONNEL QUALIFICATION

IN CASE OF SPACE LIMITATION ENCLOSE ANNEXURE / CATALOGUE WITH TAG

**Note:**

**In case of outsourcing of major testing such as NDT, Electrical & Mechanical Testing, no marks will be awarded. However, material composition testing by chemical method from recognized laboratory shall not attract negative marking**

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

# BHARAT HEAVY ELECTRICALS LIMITED SUPPLIER REGISTRATION FORM

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ORGANISATIONAL INFORMATION					
FINANCIAL INFORMATION FOR THE PREVIOUS FOUR YEARS					
9.0	Parameter	Year 1	Year 2	Year 3	Year 4
		(Years in ascending order, Money value in Rs. Lakhs )			
* 9.1	NET WORTH (Share Capital +Reserves)				
	Growth over previous year (%)	-----			
9.2	LONG TERM DEBT / LOAN				
* 9.3	DEBT EQUITY RATIO <u>Long term Debt (9.2)</u> <u>Net worth (9.1)</u>				
9.4	INVESTMENT IN: Land & Building				
	Plant & Machinery				
	Other Fixed Assets				
9.5*	NET CURRENT ASSETS				
	1 a) Cash on hand				
	b) Account receivable				
	c) Inventories				
	Total				
	CURRENT LIABILITY				
	2 a) Sundry creditors				
	b) Interest accrued but not due				
c) Other liabilities					
Total					
3	* QUICK RATIO <u>CA - INVENT. {9.5(1)-9.5(1)c}</u> Current liability {9.5 (2)}				
* 9.6	SALES				
	Growth over previous year (%)	-----			
* 9.7	PROFIT BEFORE TAX				
	Growth over previous year (%)	-----			
* 9.8	Whether the supplier has been referred to BIFR / NCLT / any other Govt agency ( If YES , enclose details)				YES / NO
* 9.9	Whether the supplier is a potential sick company.( If YES , enclose details)				YES / NO
<p>NOTE: 1. Copies of annual accounts (Balance Sheet) for the last four years (or from date of incorporation which ever is less) along with audit report are to be submitted. The above details shall be highlighted in the Balance Sheet.</p> <p>2. Status of Tax assessments done under various laws (Income Tax, VAT/Sales Tax, Excise &amp; Service Tax, Custom) and details of disputes pending, if any, with these authorities to be submitted.</p>					
SUPPLIER'S AUTHORISED SIGNATORY			BHEL CERTIFIED ASSESSOR		

# BHARAT HEAVY ELECTRICALS LIMITED SUPPLIER REGISTRATION FORM

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## ORGANISATIONAL INFORMATION

**10. LIST OF ENCLOSURES** (Tags to be put on enclosures) :

- (i) MEMORANDUM AND ARTICLES OF ASSOCIATION / SOCIETY RULES AND BYE LAWS / PARTNERSHIP DEED/ PROFESSION TAX REGN & MUNICIPAL REGN. : YES / NO
- (ii) Copy of certificate of following:-
- PERMANENT ACCOUNT NO : YES / NO
  - CENTRAL SALES TAX REGN NUMBER : YES / NO
  - STATE SALES TAX / TIN NUMBER : YES / NO
  - EXCISE DUTY REGN NUMBER : YES / NO
  - EXCISE CONTROL CODE NUMBER : YES / NO
  - SERVICE TAX REGN NUMBER : YES / NO
  - REGN NUMBER OF CATEGORY AS PER MSMED ACT : YES / NO
- (iii) ORGANISATION CHART : YES / NO
- (iv) If registered with any other BHEL Unit,
- LETTER OF REGISTRATION WITH BHEL UNIT : YES / NO
  - PROOF OF SUCCESSFUL EXECUTION OF ONE OR MORE PURCHASE ORDERS : YES / NO
- (v) Letter of approval from ASME / NTPC / NPC / EIL / DGS&D / RAILWAYS / IBR / LLOYDS ETC : YES / NO
- (vi) Accreditation certificate for
- ISO: 9001 : YES / NO
  - TOC of Quality System Manual : YES / NO
  - ISO : 14000 : YES / NO
  - OHSAS , ISO 18000 : YES / NO
- (vii) Letter regarding technical collaboration : YES / NO
- (viii) Experience List / Performance certificate : YES / NO
- (ix) Balance Sheet for the last four years along with audit Report : YES / NO
- (x) Principal's authorization in case of dealers/ agents : YES / NO
- (xi) EFT Bank's certificate : YES / NO

I /WE GIVE THE UNDERTAKING THAT BHEL DRAWINGS & SPECIFICATIONs SHALL NOT BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF BHEL AND/ OR FOR SUPPLY OF ANY MATERIAL, PRODUCT OR SERVICES DIRECTLY OR INDIRECTLY TO ANY OTHER CUSTOMER.

Maximum Marks = 50

Negative Marks = -13

Minimum Qualifying marks = 30

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED  
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**FORM NO. SRF(I) 01**

**Part B (QUALITY SYSTEM):**

Sl. No	PARAMETERS	SYSTEM IN EFFECT (Tick if exists & provide evidences if ticked in written procedure)		RECORDS (Tick if available & submit evidences)	REMARKS
		Written Procedure	Practice		
1*	Incoming Material Control System				Furnish a copy of system and organization.
2*	In process control				Furnish at least one work instruction & record of process control parameter
3*	Manufacturing / Testing Procedure Qualification				Procedure Qualification specification may be submitted
4*	Personnel qualification for 3 above.				Record of Personnel qualification (PQR) to be submitted
5*	Calibration system				Submit list of instrument & their calibration status
6*	System of Identification & Traceability of materials, tools, jigs, fixtures & processed components, etc.				Copy of procedure to be submitted
7*	System of Storage, Preservation, Painting & packing				Copy of procedure to be submitted
8*	System of NCR disposition & corrective preventive action				Two copies of NCR & CAPA
9*	Customer complaints handling system				Submit list of customer complaints & status for the last three years
10*	Safety measures				Submit copy of safety system & Record of accidents for last three years
11	Any other quality initiative				

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

**BHARAT HEAVY ELECTRICALS LIMITED  
SUPPLIER REGISTRATION FORM**

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**FORM NO. SRF(I) 01**

**Part B (QUALITY SYSTEM):**

**12. LIST OF ENCLOSURES**

- (i) Copy of system of control incoming materials and organization chart
- (ii) Copy of at least one process control work instruction
- (iii) Record of process control parameter
- (iv) Copy of at least one Procedure Qualification specification
- (v) Record of Personnel qualification (PQR)
- (vi) List of instrument & their calibration status
- (vii) Copy of procedure for Identification & Traceability of materials, tools, jigs, fixtures & processed components, etc.
- (viii) Copy of procedure for Storage/ preservation/ painting & packing
- (ix) Copies of two NCRs and their CAPA.
- (x) List of customer complaints & status for the last three years
- (xi) Copy of safety system
- (xii) Record of accidents for last three years

Maximum Marks = 25

Minimum Qualifying marks = 15

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

# BHARAT HEAVY ELECTRICALS LIMITED SUPPLIER REGISTRATION FORM

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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## FORM NO. SRF(I)01

### Part C: TECHNICAL COMPETENCE

Technical competence shall be evaluated in two parts viz. common competence and product/material category specific competence.

#### (i) COMMON TECHNICAL COMPETENCE

TECHNICAL COMPETENCE ( where design specification is given by BHEL )	MARKING RANGE	Marking range, if product specific technical competency not required	SUPPLIER RESPONSE (ALONG WITH SUPPORTING DOCUMENTS)#	MARKS BY BHEL
1. Supplier understands the product specification.	(0-3)	(0-8)		
2. Supplier understands the inspection requirements.	(0-2)	(0-5)		
3. Supplier has process capability to achieve the product specification/dimensional requirement.	(0-3)	(0-8)		
4. Supplier has experienced manpower to carry out the job.	(0-2)	(0-4)		
<b>TOTAL MARKS OUT OF POSSIBLE</b>	<b>10</b>	<b>25</b>		

**OR**

TECHNICAL COMPETENCE (where performance specification is given by BHEL)	MARKING RANGE	Marking range, if product specific technical competency not required	PROCEDURE		SYSTEM IN EFFECT		RECORDS	
			SUPPLIER RESPONSE (ALONG WITH SUPPORTING	MARKS BY BHEL	SUPPLIER RESPONSE (ALONG WITH SUPPORTING	MARKS BY BHEL	SUPPLIER RESPONSE (ALONG WITH SUPPORTING	MARKS BY BHEL
1. Design capability	(0-3)	(0-8)						
2. Adequacy of quality assurance plan	(0-2)	(0-5)						
3. Process capability for components	(0-3)	(0-8)						
4. Adequate of testing	(0-2)	(0-4)						
<b>TOTAL MARKS OUT OF POSSIBLE Average of Total (Total/3) = -----</b>	<b>10</b>	<b>25</b>						

#### (ii) PRODUCT/ MATERIAL CATEGORY SPECIFIC TECHNICAL COMPETENCE

**(Max Marks: 15)**

Unit MISCC to structure the parameters to be considered for the technical competence depending on material category. The score of individual parameter selected is to be decided by MISCC. MISCC shall identify the requirement of enclosures to be furnished by supplier.

Product:

Sl. No	Material category	Tech Parameter	Supplier's response	Remarks

To be filled up only on receipt of technical requirements/ specification, drawings, standards from BHEL and to be sent to BHEL for further scrutiny. Enclose documentary evidence where ever required.

#### **LIST OF ENCLOSURES:**

Maximum Marks = 25

Minimum Qualifying marks = 15

# No marks is to be given by the supplier. Only supplier response along with supporting documents.

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR

# BHARAT HEAVY ELECTRICALS LIMITED SUPPLIER REGISTRATION FORM

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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## Part D : SCORE SHEET

### 1. ORGANISATIONAL SOUNDNESS (for Manufacturers):

S.N.	PARAMETER	CRITERIA	Maxm. Marks	Marks Awarded
1.	Whether all <b>relevant information</b> like ownership, PAN no., sales tax no., excise duty no., etc. submitted	Yes: 2 No: 0	2	
2.	3.4 YEAR OF COMMENCEMENT OF BUSINESS	More than 5 years : 2 1-5 years : 1 Less than 1 year : 0	2	
3.	5.1 POWER BACKUP	Yes : 1 No : 0	1	
4.	5.2 DOES THE COMPANY SELL ITS PRODUCT DIRECTLY	Yes : 1 No : 0	1	
5.	6.1 REGISTERED WITH ANY OF BHEL UNITS	Yes (same item) : 2 Yes (another item) : 1 No : 0	2	
6.	6.2 APPROVAL BY ASME/ NTPC/ NPC/ EIL/ DGS&D/ RAILWAYS/ IBR/ LLOYDS ETC	Yes : 2 No : 0	2	
7.	6.3 ISO 9001 ACCREDITATION	Yes : 3 No : 0	3	
8.	6.4 ISO 14000 ACCREDITATION	Yes : 1 No : 0	1	
9.	6.5 OHSAS - 18000 ACCREDITATION	Yes : 1 No : 0	1	
10.	6.6 TECHNICAL COLLABORATOR : (FOREIGN OR INDIGENOUS)	Yes : 1 No : 0	1	
11.	6.7 R & D SET UP	Yes : 1 No : 0	1	
12.	6.12 PENDING LEGAL ISSUES ON TECHNO – COMMERCIAL ASPECTS WITH CUSTOMER	Yes : -5 No : 0	0	
13.	7.1 & 7.2 MANUFACTURING FACILITIES INCLUDING OUTSOURCING	Adequate : 3 Substantial : 2 Inadequate : 0	3	
14.	7.3 RATIO OF OUTSOURCED COST TO TOTAL PRODUCTION VALUE	Less than 10% : 2 10 to 30 % : 1 More than 30% : 0	2	
15.	8.1 INSPECTION & TESTING FACILITIES	Adequate : 2 Substantial : 1 Inadequate : 0	2	
16.	8.2 OUTSOURCING OF MAJOR TESTING FACILITY (Refer Note)	Yes : 0 No : 1	1	
	<b>TOTAL</b>		<b>25</b>	

### 1. ORGANISATIONAL SOUNDNESS (for Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal):

S.N.	PARAMETER	CRITERIA	Maxm. Marks	Marks Awarded
1.	Whether all <b>relevant information</b> like ownership, PAN no., sales tax no., etc. submitted ( <b>clause 6.0 of chapter V to be referred in this regard</b> )	Yes: 7 No: 0	7	
2.	3.4 YEAR OF COMMENCEMENT OF BUSINESS	More than 3 years : 2 1-3 years : 1 Less than 1 year : 0	2	
3.	6.1 REGISTERED WITH ANY OF BHEL UNITS	Yes (same item) : 2 Yes (another item) : 1 No : 0	2	
4.	6.2 APPROVAL BY ASME/ NTPC/ NPC/ EIL/ DGS&D/ RAILWAYS/ IBR/ LLOYDS ETC	Yes : 2 No : 0	2	
5.	6.3 ISO 9001 ACCREDITATION	Yes : 2 No : 0	2	
6.	6.12 PENDING LEGAL ISSUES ON TECHNO – COMMERCIAL ASPECTS WITH CUSTOMER	Yes : -5 No : 0	0	

**BHEL CERTIFIED ASSESSOR**

# BHARAT HEAVY ELECTRICALS LIMITED SUPPLIER REGISTRATION FORM

FORM NO. SRF(I) 01 (INDIAN SUPPLIER)

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## Part D: SCORE SHEET

### 2. FINANCIAL INFORMATION (for Manufacturers):

S.N.	PARAMETER	CRITERIA	Maximum Marks	Marks Awarded
1.	9.1 Growth of Net Worth over previous year (%) Average of three years to be worked out	More than 20 % : 5 10 – 20 % : 4 5 – 10 % : 3 > 0 & < 5 % : 2 0 or below : 0	5	
2.	9.3 DEBT EQUITY RATIO <u>Long term Debt (9.2)</u> Net worth (9.1)	1 : 1 : 5 1.1 upto 1.5 : 1 : 4 1.6 upto 2.0 : 1 : 3 2.0 & above : 1 : 2	5	
3.	9.5 QUICK RATIO <u>CA - INVENTORIES {9.5(1)-9.5(1)c}</u> Current liability {9.5 (2)}	1 : 1 : 5 1 : 1 upto 1.5 : 4 1 : 1.5 upto 1.75 : 3 1 : 1.75 upto 2.5 : 2 1 : > 2.5 : 0	5	
4.	9.6 Growth in Sales over previous year (%) Average of three years to be worked out	More than 35% : 5 20 -35 % : 4 10 – 20 % : 3 5 – 10 % : 2 > 0 & < 5 % : 1 0 or negative : 0	5	
5.	9.7 PROFIT BEFORE TAX  Growth over previous year (%)	More than 20 % : 5 10 – 20 % : 4 5 – 10 % : 3 > 0 & < 5 % : 2 0 or below : 0	5	
6.	9.8 Whether the supplier has been referred to BIFR / NCLT/ any other similar Govt agency	Yes: -5 No : 0	0	
7.	9.9 Whether the supplier is a potentially sick company	Yes: -3 No : 0	0	
<b>TOTAL</b>			<b>25</b>	

Note: If the supplier is new in business and does not have past data, then the evaluation will be done on the basis of information provided by him and will be decided by MISCC.

### 2. FINANCIAL INFORMATION (for Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal):

S.N.	PARAMETER	CRITERIA	Maximum Marks	Marks Awarded
1.	9.6 Growth in Sales over previous year (%) Average of three years to be worked out	More than 35% : 5 20 -35 % : 4 5 - 20 % : 3 >0 - 5 % : 2 0 or negative : 0	5	
2.	9.7 PROFIT BEFORE TAX  Growth over previous year (%)	More than 20 % : 5 5 – 20 % : 4 >0 – 5 % : 3 0 or below : 0	5	

BHEL CERTIFIED ASSESSOR

# BHARAT HEAVY ELECTRICALS LIMITED SUPPLIER REGISTRATION FORM

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## Part D : SCORE SHEET

### 3. QUALITY SYSTEM :

S.N.	PARAMETER	CRITERIA	Maxm. Marks	Marks Awarded
1.	Incoming Material control System	System availability : Yes: 1 No : 0	1	
		Availability of Organisation chart Yes: 1 No : 0	1	
2.	Process control	Work instruction available: Yes: 1 No : 0	1	
		Record of process Control : Available : 2 Partial record : 1 Not available: 0	2	
3.	Manufacturing / Testing Procedure Qualification	Procedure Qualification Specification : Adequate : 3 In adequate: 1 Not available : 0	3	
4.	Personnel qualification	Record of PQR: Adequate : 3 In adequate: 1 Not available : 0	3	
5.	Calibration system	Adequate : 3 In adequate: 1 Not available : 0	3	
6.	System of Identification & Traceability of materials, tools, jigs, fixtures & processed components, etc.	Procedure available : Adequate : 2 In adequate: 1 Not available : 0	2	
7.	System of Storage/ preservation/ painting & packing	Procedure available : Adequate : 2 In adequate: 1 Not available : 0	2	
8.	System of NCR disposition & corrective preventive action	Two copies of NCR & CAPA Available :2 Not available : 0	2	
9.	Customer complaints handling system	System available : Yes: 1 No : 0	1	
		Complaints registered & resolved :2 Complaints registered & partially resolved : 1 Complaints not registered or not resolved : 0	2	
10.	Safety measures	System available : Yes: 1 No : 0	1	
		Record available : Yes: 1 No : 0	1	
<b>TOTAL</b>			<b>25</b>	

BHEL CERTIFIED ASSESSOR

# BHARAT HEAVY ELECTRICALS LIMITED SUPPLIER REGISTRATION FORM

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## Part D : SCORE SHEET

### 4. TECHNICAL COMPETENCE

	Maximum Marks (1)	Marks obtained (2)
<b>A. Common Technical Competence</b>		

And/ or

#### **B. Product Specific Technical Competence**

Column no. 1 to 4 to be filled by MISCC before sending to supplier. Column no. 5 to be filled by BHEL certified Assessor after evaluation of supplier response.

Sl. No (1)	Parameter (2)	Scoring criteria (3)	Maximum Marks (4)	Marks obtained (5)
	<b>Sub-Total</b>		<b>15</b>	

TOTAL (A+B): 25 (     )  
**SUMMARY:**

Sl. No	Criteria	Maxm Marks	Qualifying marks *	Marks obtained	Recommendation for registration
1.	Organisational Soundness	50	30		<b>Recommended :</b>  Permanent code /Development code/ Trial code <b>Not recommended</b>
	Financial Information				
2.	Quality System	25	15		
3.	Technical Competence	25	15		
	TOTAL	100	60		

**\*Minimum Qualifying Score in Each category shall be 60%.**

#### REGISTRATION CRITERIA:

Sl. No	Score	Recommendation
1.	More than 90	Supplier is to be registered and given Permanent code, Normally no visit is called for.
2.	>75 <=90	Supplier may be visited if recommended by MISCC or to be registered and given permanent code.
3.	>=60 <=75	Supplier may carry out suggested improvements if advised by MISCC Supplier's visit is mandatory. Trial/ Development code may be given.
4.	Less than 60	Not to be registered

**Note:** Indian Stockist/ Trader/ Distributor/ Dealer/ Authorised Agent/ Channel partner/ Indian Sales office or Subsidiary of registered foreign principal are to be awarded marks on pro-rata basis and registered accordingly.

Signatures: MISCC and Suppler Evaluation Team (in case of visit)

1) 2) 3)  
4) 5) 6)

BHEL CERTIFIED ASSESSOR
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**ANNEXURE-VIII**

**(Supplier Registration Form Foreign Vendor)**

	Annexure-VIII  <b>GUIDELINES TO FOREIGN SUPPLIERS FOR FILLING UP SUPPLIER REGISTRATION FORM</b>	Document No.	AA:MM:SR:01
		Revision No.	01
		Page No.	I of II

1. Prospective Suppliers may also visit our web site [www.bhel.com](http://www.bhel.com) (link Supplier Registration -> New Supplier Required) to know more about the requirement of new suppliers for various items in our units.
2. Registration Form no. SRF(F)01 may be obtained from BHEL website [www.bhel.com](http://www.bhel.com).
3. Application for registration, with a covering letter detailing where your products can find application (if possible) in BHEL unit(s), should be sent to:

Supplier Development Cell  
*Unit Name:*  
Bharat Heavy Electricals Ltd.  
*City:*  
India

4. In case registration is being sought in multiple units of BHEL, please send the separate application to each unit.
5. Any clarification with respect to procedure for registration may be obtained from the Supplier Development Cell of respective BHEL unit.
6. All columns are to be filled up properly in the space provided for. Wherever it is not applicable, mention it as "Not Applicable". The form is to be signed by the authorised signatory and submitted in original.
7. Please attach separate sheet if the space provided is insufficient. For any other information also, separate sheet may be attached.
8. Any information / clarification required by BHEL during processing of registration must be given expeditiously.
9. Please ensure that all required enclosures are attached with the filled up Supplier Registration Form and all enclosures are numbered & list of enclosures is given as required.
10. As multiple copies of the application forms are required for processing at our end, please do not spiral bound the application forms or its enclosures and instead send them in two hole clip flat file.
11. Please fill up the check- list given on next page and send along with the Supplier Registration Forms to BHEL.
12. Please note that if you are registered and participate in Tender process and qualify to get order from BHEL, your performance based on Quality of your product, delivery performance and service rendered will be evaluated inline with Chapter VI.
13. If you are attaching a document in a language other than English, a self attested English translated document may please be also attached.

	<b>Annexure-VIII</b> <b>CHECK-LIST FOR FOREIGN</b> <b>SUPPLIERS REGISTRATION FORM</b>	Document No.	AA:MM:SR:01
		Revision No.	01
		Page No.	II of II

S.N.	Check-Point	Yes/No
1.0	Information against all points in the Supplier Registration Form has been given.	
2.0	Authorisation letter has been enclosed (in case of Indian representative)	
3.0	Banker's certificate has been enclosed	
4.0	Are you an ISO: 9001 accredited supplier?	
4.1	If yes, have you enclosed copy of ISO 9001 accreditation certificate & "Table of Contents" of your Quality Manual?	
4.2	If no, have you enclosed written down procedure / manual of Quality Management System?	
5.0	Have you enclosed experience list/ performance certificate ( as per sl. 3.0 of the form SRF(F) 01 )	
6.0	List of enclosures has been furnished ( as per Sl 5.0 of the form SRF(F) 01)	
7.0	All the parts of the form & enclosures have been signed by Authorised Signatory.	
8.0	D&B Report/ Creditreform report etc. has been attached.	

Signature & seal  
(Authorised Signatory)

Date :

Note : This check list is to be attached with the filled up Supplier Registration Form.



# **BHARAT HEAVY ELECTRICALS LIMITED , INDIA**

ANNEXURE-VIII

## **FORM NO. SRF(F)01 : (FOREIGN SUPPLIER)**

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- 1.8 YEAR OF COMMENCEMENT OF BUSINESS :
- 1.9 PRODUCTION CAPACITY PER ANNUM (details of major manufacturing/ testing facilities to be given) :
- 1.10 PARTICULARS OF PRODUCTS INCLUDING SPECIFICATION AND RANGE OFFERED FOR REGISTRATION : ( ATTACH BROCHURES AND CATALOGUES )
- 1.11 NAME (S) OF BANKERS :
- 1.12 BANKER'S CERTIFICATE AS TO CREDITWORTHINESS OF THE CLIENT  
(Enclose Certificate) :
- 1.13 PORT OF LOADING :
- 1.14 NEAREST AIRPORT :
- 1.15 Report from D&B/ Creditreform etc. (As per Cl. 7.1 of Chapter V) (**MANDATORY**):

### **2.0 FINANCIAL INFORMATION : (FOR LAST 3 YEARS)**

PARAMETER	YEAR -1	YEAR -2	YEAR -3
ANNUAL TURN OVER			
PROFIT AFTER TAX			

( COPY OF AUDITED ANNUAL ACCOUNTS FOR LAST 3 YEARS TO BE ENCLOSED)

### **3.0 QUALITY MANAGEMENT SYSTEM :**

- 3.1 IS THE COMPANY ISO:9001 CERTIFIED : YES / NO
- 3.1.1 IF YES, ENCLOSE COPY OF CERTIFICATE & TABLE OF CONTENTS OF QUALITY MANUAL.
- 3.1.2 IF NO, ENCLOSE QUALITY MANAGEMENT SYSTEM OR WRITTEN DOWN PROCEDURE

- 4.0 EXPERIENCE LIST/ PERFORMANCE CERTIFICATE FOR OFFERED / SIMILAR ITEMS :**  
(ATTACH LIST OF PRESENT CUSTOMERS WITH NAME & ADDRESS FOR OFFERED / SIMILAR TYPE & SIZE OF ITEM / EQUIPMENT FOR WHICH REGISTRATION HAS BEEN SOUGHT AND WITH WHOM YOU HAVE CONTINUOUS BUSINESS SINCE LAST THREE YEARS )

### **5.0 IF REGISTERED IN ANY OTHER UNIT OF BHEL, PLEASE PROVIDE DETAILS:**

### **6.0 ANY OTHER INFORMATION:**

- 7.0 LIST OF ENCLOSURES :**  
(BROCHURES, CATALOGUES, TECHNICAL LITERATURE ETC.)

Signature & Seal

AUTHORISED SIGNATORY

E – Mail

NAME :

TELEPHONE : (Landline):

DESIGNATION :

Mobile :

**DATE :**

**BHEL CERTIFIED ASSESSOR**