



ISO 9001:2000
&14001:2004
NAVARATNA
COMPANY

सामग्री प्रबन्धन (क्रय विभाग)

MATERIAL MANAGEMENT (PURCHASE)

सेन्ट्रल फाउन्ड्री फोर्ज प्लान्ट, भारत हेवी इलेक्ट्रिकल्स लिमिटेड

CENTRAL FOUNDRY FORGE PLANT, BHEL HARDWAR

रानीपुर, हरिद्वार (भारत)

RANIPUR, HARIDWAR (INDIA) – 249403

Phone No. +91-1334-285326/284548, FAX No. 225892

e-mail rohit_v@bhelhwr.co.in

M/S

Sub: Tender Enquiry No. FF/PPX/4805/P/920/9/6105V/1 dated 26/05/2009 Due on 07/07/2009 at 2.00 P.M.

Dear Sir,

We are pleased to invite offer as per enclosed specifications, drawings with terms and conditions in sealed covers for the under mentioned items.

SI No	Tender No	Description of Material	Qty Nos	Date & Time of Opening
01	4805/P/920/9/6105V/1	FF1931011010 Dia 865 x 765 L J Housing in Heat Treated, Mechanical & Ultrasonic Tested and Rough Machined condition. Tolerance of dimension +3/-0 mm Spec: AA19332	110 Nos Delivery Schedule: Before 15/10/2009	07/07/2009 At 2.00 P.M.
02	4805/P/920/9/6105V/1	FF1931011125 Dia 865/Dia 330 x 480 UJ Housing in Heat Treated, Mechanical & Ultrasonic Tested and rough machined condition. Tolerance on outside dimension S+3/-0 mm, inside dimensions +/-3 mm Specn.: AA 19332	110 Nos Delivery Schedule: Before 15/11/2009	07/07/2009 At 2.00 P.M.

KINDLY READ TERMS AND CONDITIONS. OFFER NOT IN ACCORDANCE WITH THE INSTRUCTIONS IS LIABLE TO BE DISQUALIFIED AND OR IGNORED.

PLEASE VISIT www.bhel.com or www.bhelhwr.co.in for more details and tender documents.

Please also down load Vendor Registration Form and submit same dully filled.

Thanking You,

Yours Faithfully,
For & On behalf of CFFP BHEL Hardwar

(Rohit Varshney)
(Executive Purchase)

Note: Corrigendum if any shall not be published, kindly refer web for any changes.



निविदा सूचना
TENDER ENQUIRY

भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Ltd
सेन्ट्रल फाउन्ड्री फॉर्ज प्लांट - हरिद्वार - २४६४०३ (भारत)
Central Foundry Forge Plant, Hardwar-249403 (INDIA)

AA-17001

Phone : (0091) 01334-285356, 285326

Fax : 01334-225892/226458

UPTT NO. HR-0041496 Dt. 01-04-1994

C S T NO. HR-5018287 Dt. 16-03-1995

निविदा सूचना सं. ENQUIRY NO.*	4805/P/920 /9/6105V/1	दिनांक Date	26.05.2009
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कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

ENQUIRY DUE DATE: 07.07.2009

Vendor Code: T09285

To,

BHEL Phone: 01334-285336

FAX: 01334-225892

INDIA

Attn:

SL NO	MATERIAL CODE MATERIAL DESCRIPTION	UNIT	TOTAL QTY	DELIVERY LOT QTY	SCHEDULE DELY_DT
1	FF1931011010 L J HOUSING IN HEAT TREATED, MECHANICAL & ULTRASONIC TESTED AND ROUGH MACHINED CONDITION. TOLERANCE ON DIMENSIONS +3/-0 MM. SPEC: AA 19332 DIA 865 X 765 DIM : S	NO	110	1 110	before 15.00.20
2	FF1931011125 U J HOUSING IN HEAT TREATED, MECHANICAL & ULTRASONIC TESTED AND ROUGH MACHINED CONDITION. TOLERANCE ON OUTSIDE DIMENSION S +3/-0 MM, INSIDE DIMENSIONS +0/-3 MM. SPEC: AA 19332 DIA 865/DIA 330 X 480 DIM : S	NO	110	1 110	before 15.00.20

- This enquiry is 2 part tender. Techno-Commercial bid (Part - 1) and Price Bids (Part-2) should be submitted in separate envelopes. These two envelopes should be submitted in a common sealed envelope. Techno-Commercial Bid shall contain detailed Technical Specification, Drawings, Technical documents, Catalogues, taxes & duties, payment terms, delivery period, Validity of offer, Replica of Price Bid (Copy of price bid without price part) etc. The confirmation to the special terms & conditions must be submitted alongwith Techno-Commercial bid. Price bid (Part - 2) shall contain only prices.
- TEST CERTIFICATE REQUIRED AS PER SPECIFICATIONS.
- GUARANTEE CERTIFICATE REQUIRED AS PER SPECS. ALONGWITH DESPATCH DOCUMENTS

-----contd.-----

* महत्वपूर्ण : कृपया कोटेशन देने से पूर्व पीछे दिए गये अनुदेशों को ध्यानपूर्वक पढ़िये।

IMPORTANT : PLEASE READ CAREFULLY THE INSTRUCTIONS GIVEN ON REVERSE BEFORE QUOTING



निविदा सूचना
TENDER ENQUIRY

AA-17001

Phone : (0091) 01334-285356, 285326

भारत हैवी इलैक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Ltd

सेंट्रल फाउन्ड्री फॉर्ज प्लांट - हरिद्वार - २४६४०३ (भारत)

Central Foundry Forge Plant, Hardwar-249403 (INDIA)

Fax : 01334-225892/226458

UPTT NO. HR-001496 Dt. 01-04-1994
C S T NO. HR-5018287 Dt. 16-03-1995

निविदा सूचना सं. ENQUIRY NO.*	4805/P/920 /9/6105V/1	दिनांक Date	26.05.2009
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कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

- 4 BASIC RATES, TAXES, DUTIES AND OTHER CHARGES MUST BE SPECIFIED SEPERATELY.
- 5 CONFIRMATION IS REQUIRED THAT CENVATABLE DUPLICATE COPY OF TRANSPORTER INVOICE SHALL BE PROVIDED FOR AVAILING CENVAT BENIFIT.
- Final Inspection shall be carried out after receipt of material in CFFP.
- 7 Inspection to be done by third party (preferably by M/S LLOYDS) at vendor's cost.
- 8. BHEL MAY INTEND TO OPEN THE PRICE BID THROUGH REVERSE AUCTION. PL GIVE YOUR ACCEPTANCE IN THE OFFER ITSELF.
- 9. VALIDITY SHOULD BE MINIMUM 90 DAYS FROM OPENING OF TENDER.
- 10. OFFERS TO BE MADE ON FOR DESTINATION BASIS.
- ** Please submit authorization letter (*format enclosed) for facilitating e-payment/electronic transfer of funds.
- ** 100% payment within 30 days after receipt & acceptance of material at CFFP BHEL, Hardwar through e-payment.
- ** CFFP/BHEL Reserves the right to procure from more than one vendor.

For BHARAT HEAVY ELECTRICALS LIMITED

(ROHIT VRSHNEY)
ENGINEER(PURCHASE)

You may contact the signatory at email: shantanu@bhelhwr.co.in

Rough Machining Size	:	<i>Please mention the size of the Forgings to be supplied with tolerance.</i>
Ultrasonic Testing	:	<i>Ultrasonic Testing norms to be followed</i>
Third Party Inspection (M/s Lloyds)	:	<i>Inspection charges to be quoted separately</i>
Delivery Schedule of the Items	:	<i>Staggered delivery is acceptable. Party shall mention the lot quantity in the offer</i>
Identification marking	:	<i>Identification marking shall be done on each forging Following to be marked and enclosed with paint</i> 1. PO Number. 2. Item Material Code 3. Item Name 4. Heat Number 5. Forging No. 6. Lot No.
OTHERS REQUIREMENTS: Confirmation/ deviation to be mentioned by the supplier		
<ol style="list-style-type: none"> 1. BHEL reserves the right to decrease/ increase the quantity of the items. 2. BHEL reserves the right to check Chemical/ Mechanical/ Ultrasonic Test at CFFP. In case any forging not meeting the specified requirement, supplier shall replace such forging free of cost. 3. Material shall be supplied through CFFP's approved transporter. 4. CFFP/ it's authorized representative shall be provided will all necessary help for verifying/ witness of process/ testing/ records. 5. Supplier shall indicate Vendor Code of other BHEL units in their offer 		

A K Kushwah
27/04/09

A K Kushwah
(Dy. Manager, Forge Tech.)

R. Parthasarthy
27/04/09

R. Parthasarthy
(Sr.DGM, Forge Tech.)



CORPORATE PURCHASE SPECIFICATION

AA 193 32

Rev. No. 10

PAGE 1 OF 7

CARBON STEEL FORGINGS, CLASS-3

1.0 GENERAL:

This specification governs the quality requirements of Carbon Steel Forgings, class 3.

2.0 APPLICATION:

Suitable for general engineering purposes.

3.0 CONDITION OF DELIVERY:

Normalised/Normalised and tempered.

Rough machining of the forgings shall be carried out, unless otherwise specified in the BHEL order/drawing.

4.0 COMPLIANCE WITH NATIONAL STANDARDS:

The forgings shall comply, in general with the requirement of the following National standards and also meet the requirements of this specification.

IS::2004: 1991 } Carbon Steel Forgings For General Engineering
Gr. 3 (30C8), } Purposes.

5.0 DIMENSIONS AND TOLERANCES:

The dimensions and tolerances shall be as specified in the order/ drawing. Wherever these are not specified, specified, the machining allowances and tolerances shall be as specified below:

For finish machined drawings : 3 ± 1 mm

For rough machined drawings : ± 1 mm

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It must not be used directly or indirectly in any way detrimental to the Interest of the company.

C S - 1096

Revisions : 31.6.2 of 31 ^m MRC Dt. 8-12-06 & E-mail from HW Dt. 03.01.2007			APPROVED : INTERPLANT MATERIAL RATIONALISATION COMMITTEE-MRC (FC&F+HTM)		
Rev. No. 10	Amd.No.	Reaffirmed	Prepared	Issued	Dt. of 1st Issue
Dt. 25.05.2007	Dt :	Year :	HARDWAR	Corp. R&D	JANUARY 1978



CORPORATE PURCHASE SPECIFICATION

AA 193 32

Rev. No. 10

PREFACE SHEET

CARBON STEEL FORGINGS, CLASS-3

FOR INTERNAL USE ONLY
REMOVE THIS PREFACE BEFORE ISSUE TO SUPPLIERS

Comparable Standards:

1. INDIAN : IS: 2004 - 1991
Gr:3 (30C8)

Suggested/Probable Suppliers and Grades:

Refer plant vendors list.


User Plant References:

1. BHOPAL : PS10203 & PS10215
2. HEER, HARDWAR : GOST 1050, Gr:30 & IS;2004 CI 3,
3. HYDERABAD : IS 2004, CI 3 & SAE 1035

Revisions : 31.6.2 of 31st MRC Dt. 8-12-06 &
E-mail from HW Dt. 03.01.2007

APPROVED :
INTERPLANT MATERIAL RATIONALISATION
COMMITTEE-MRC (FC&F+HTM)

Rev. No. 10	Amd.No.	Reaffirmed	Prepared	Issued	Dt. of Ist Issue
Dt.:25.05.2007	Dt :	Year :	HARDWAR	Corp. R&D	JANUARY.1978

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6.0 MANUFACTURE:

Forgings shall be manufactured from steel produced by the open hearth, electric or such other process as may be agreed to between BHEL and the manufacturer.

Steel shall be fully killed.

Sufficient discard shall be made from each ingot to ensure freedom from pipe, segregation and other defects.

The amount of hot working and finishing temperature shall be such as to ensure complete soundness and adequate uniformity of structure and mechanical properties after heat treatment. The forgings shall not be overheated.

The minimum reduction ratio when forgings are made out of ingots shall be 4:1.

For sizes above 250 mm ruling section, the minimum reduction ratio shall be 3.5:1

Note: Raw material like Ingots/Blooms/Billets required for forgings should be procured from BHEL approved sources along with test certificate."

7.0 HEAT TREATMENT:

Forgings shall be normalised / normalised and tempered at suitable temperature to achieve the mechanical properties specified.

Test pieces shall also be heat treated along with the forgings they represent.

8.0 FINISH:

As mentioned in the drawing.

9.0 FREEDOM FROM DEFECTS:

The forging shall be free from defects, such as cracks, fold, flakes, seams, segregation, nonmetallic inclusions and other defects which may affect the utility of the forging.

10.0 CHEMICAL COMPOSITION:

The melt analysis of steel and permissible variation in the composition of the forgings from the melt analysis shall be as follows:

Element	Melt analysis, percent		Permissible variation, percent
	Min.	Max.	
Carbon	0.25	0.35	± 0.03
Silicon	0.15	0.35	± 0.03
Manganese	0.60	0.90	± 0.04
Sulphur	---	0.040	+ 0.005
Phosphorus	---	0.040	+ 0.005



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Notes:

1. Elements not quoted above shall not be added to the steel, other than for the purpose of finishing the heat and shall not exceed the following limits:

Element	Percent, max.
Nickel	0.30
Chromium	0.30
Copper	0.25
Molybdenum	0.15
Vanadium	0.05
Tin	0.05
Boron	0.0003

2. When steel is aluminium killed or killed with both aluminium and silicon, the requirements of minimum silicon content shall not apply. For aluminium killed steel the total aluminium content shall be within 0.02 to 0.05 percent.
3. $Mo \leq 0.15\%$, limiting to meeting conditions of $Cr + Mo + Ni = 0.5\%$.

11.0 TEST SAMPLES:


- 11.1 Unless otherwise specified in the order/drawing, test samples shall be taken from each melt and each heat treatment batch. Test samples should be cut from the heat treated forgings by cold process only and shall not undergo further heat treatment.

Test samples shall be taken from locations indicated on the drawing, leaving enough material, if required for testing at BHEL's end, integral with forgings.

The samples shall be cylindrical or rectangular in shape and cut at a distance of 12.5mm below the heat treated surface.

- 11.2 When integral test pieces are not called for, a test sample, having similar reduction ratio and heat treatment, as the forgings it represents, shall be provided per heat, per heat treatment batch, for check testing at BHEL, along with the forgings. The samples shall be properly identified and correlated with the Heat/Heat treatment Batch No./ Test Certificate No. Test samples shall be taken, at a distance of 12.5mm below the heat-treated surface.

- 11.3 Test samples shall generally be taken in the longitudinal direction. However, for economic reasons or where the size/ configuration does not permit the same, test samples may be taken in the transverse or radial direction.

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12.0 MECHANICAL PROPERTIES:

The test pieces, after being heat treated as per clause 7.0 above, shall show the following properties upto a limiting ruling section of 800 mm. Properties for thicker sections shall be subject to agreement between BHEL and the manufacturer. Test methods are specified below:

- 12.1 Tensile test : IS:1608
 12.2 Hardness test (Brinell) : IS:1500
 12.3 Charpy Impact Value (2mm U-Notch) : IS:1499

This test applicable for forgings of sizes above 16mm only.

Property	Sample (See Cl.11.3)	Limiting ruling section, mm			
		Upto & incl 100	>100 & upto 300	> 300 & upto 500	>500 & upto 800
Tensile strength N/mm ²	Longitudinal/	490	470	450	450
	Transverse/ Radial/Tangential	490	470	450	450
Yield strength min. N/mm ²	Longitudinal/	270	245	230	220
	Transverse/ Radial/Tangential				
Elongation on 5.65 √So gauge length percent, min	Longitudinal	21	19	18	17
	Transverse	10	9	8	7
	Radial	14	12	11	10
	Tangential	16	14	13	12
Reduction in area, percent min.	Longitudinal	42	40	35	32
	Transverse	25	24	22	20
	Radial	27	26	24	22
	Tangential	34	32	32	30
*Hardness, Brinell, HB	—	140-192	140-192	135-190	135-190
Charpy Impact Value (2mm, U-Notch) min., Joules	Longitudinal	35	31	27	23
	Transverse	18	16	14	12
	Radial	21	19	17	15
	Tangential	26	23	20	17

Note: 1. Unless otherwise stated on the order/drawing, small forgings of non-critical nature weighing less than 300kg shall be accepted on the basis of chemical composition and hardness.

* 2. Hardness test can be conducted only, when tensile test can not be performed.

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13.0 ULTRASONIC TESTS:

↑

- 13.1 For forgings ordered by BHEL, Hyderabad. Unless other wise specified on the drawing, ultrasonic test shall be carried out as per BHEL standard AA 085 01 18 and norms of acceptance shall be as per category 2.
- 13.2 For forgings ordered by other units: If specified on the drawing/order, ultrasonic test shall be carried out as per BHEL standard AA 085 01 18 and norms of acceptance shall be as per category 2, unless otherwise specified.

14.0 ADDITIONAL TESTS:

If specified in the drawing/order, the following tests shall be conducted:

14.1 Bend Test (Longitudinal):

The test pieces (230mm long and 32 mm square with edges rounded off, where the dimensions permit) shall be capable of being bent cold by direct pressure without fracture, until the sides are parallel, round a mandrel having a diameter of 44 mm when tested as per IS:1599.

14.2 Magnetic particle test.

14.3 Any other tests: Norms of acceptance shall be as specified in the drawing/order.

15.0 SCOPE OF THIRD PARTY INSPECTION:

Wherever, separate quality plan is not attached, the scope of third party inspection shall be as follows:

1. Review of supplier's declared chemical composition.
2. Selection of test samples for mechanical tests and witness of mechanical tests
3. Witness of Non-destructive tests as applicable.
4. Review of HT charts
5. Dimensional inspection.

16.0 TEST CERTIFICATE:

Three copies of test certificates shall be supplied unless otherwise stated in the order, preferably in the test certificate format annexed to this specification (Annexure 1).

In addition, the supplier shall ensure to enclose one copy of the test certificate along with their dispatch documents to facilitate quick clearance of the material.

The following details shall be furnished in the test certificate:

- i) Reduction ratio
- ii) Dimensional Inspection.
- iii) Chemical composition including trace elements.
- iv) Results of mechanical tests.
- v) Results of Ultrasonic test
- vi) Details of heat treatment
- vii) Results of additional tests called for in the drawing/order

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CORPORATE PURCHASE SPECIFICATION



17.0 PACKING & MARKING:

Forgings shall be suitably packed to prevent corrosion and damage during transit.

Machined surfaces shall be properly protected with anticorrosive compounds.

Each package or forging (when supplied separately) shall be legibly marked with the following information:

AA 193 32 : Carbon Steel Forgings, Class 3

BHEL Order No.

Suppliers Name

Consignment/ Identification No.

Batch No.

Weight.

18.0 REFERRED STANDARDS (Latest publications including Amendments):

- | | | | |
|-----------------|------------|------------|------------|
| 1) AA 085 01 18 | 2) IS:1499 | 3) IS:1500 | 4) IS:1599 |
| 5) IS: 1608 | 6) 2004 | | |



CORPORATE PURCHASE SPECIFICATION

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ANNEXURE-I; RECOMMENDED TEST CERTIFICATE FORMAT FOR FORGINGS

SUPPLIER'S NAME AND ADDRESS									
TEST CERTIFICATE FOR FORGINGS									
1. Customer:					9. Reduction Ratio:	Ingot to Bloom Bloom to Blank			
2. TC No. & Date:					10. Batch No.:				
3. PO No.:					11. Heat/Mark No.:				
4. Process of Making Ingot:					12. Spec No.:				
5. Decarburisation Process:					13. Test Bar Size & Nos.:				
6. Forging Method:					14. Supplier of the ingot/blank:	Bloom and TC reference			
7. BH&L's Reference for Approval of Bloom:									
8. Decarbur: Top _____ % Bottom _____ %									
15. FORGINGS COVERED BY TEST CERTIFICATE									
S. No.	Drawing No. & Item No.			Description			Quantity & Weight		
16. CHEMICAL COMPOSITION (PERCENT)									
Element	C	Si	Mn	S	P	%			
As Per Specn.	Min.								
	Max.								
Actual Values									
17. HEAT TREATMENT (To be accompanied by Recorder Chart, Whenever called for)									
Condition	Heating Rate, °C/hr.	Temp. °C	Soaking Time, hrs.	Cooling Rate, °C/hr.	Cooling Medium				
18. MECHANICAL PROPERTIES									
	T.S. N/mm ²	Y.S. 0.50-2% Proof Stress	% Elongation 5.65-7.50 G	% R.A. Min.	Hardness Brinell (Min-3 values)	Impact Value Joules	Bend Test		
							Angle of bend	Dia of mandrel	Result
As Per Specn.	Min.								
	Max.								
Actual Values									
19. SURFACE FINISH (When called for in the order/dwg.)									
20. DIMENSIONAL INSPECTION									
21. NON DESTRUCTIVE TESTS									
Nature of Test	Acceptance level	Instrument used	Range	Results	Any other detail				
Ultrasonic									
Radiographic									
Dye penetrant/ Magnetic Particle									
22. METALLOGRAPHIC EXAMINATION (To be conducted if called for and photo micrographs to be attached along with a report)									
Location of Sample	Etchant used	Magnification	Constitution observed	Relative %					
Microstructure	Macroetch	Inclusion Rating							
23. OTHER TESTS IF ANY (MICROSCOPIC, SULPHUR PRINTS, ETC)									
24. IDENTIFICATION OF FORGINGS AS PER PURCHASE SPEC.									
We hereby certify that the items mentioned above have been tested and inspected in our presence and are found to be in accordance with drawings, specifications and purchase order.									
SIGNATURE, NAME & SEAL OF THE INSPECTING OFFICER DATE:					SIGNATURE, NAME & SEAL OF THE CHIEF OF QUALITY CONTROL/ CHIEF METALLURGIST OF THE SUPPLIER DATE:				
INSTRUCTIONS									
a) Details of all heat treatment processes carried out should be furnished sequentially in 17.									
b) Test certificates are to be furnished as per Purchase order and specification, in A4 size preferably in transparent paper.									
c) All the entries including signature should be in block colour ink.									
d) If testing is done by outside agencies, the original TCs shall be furnished.									
e) The actual TC may run into more than one A4 size paper, if needed, to facilitate filling up of details.									

GENERAL TERMS AND CONDITIONS OF TENDER ENQUIRY
ANNEXURE-A

1. Submit the tender in two parts i.e.

Part-I Techno-Commercial Bid

Part-II Price Bid

Techno-Commercial (part one) & Price Bid (part two) should be put in separate sealed envelopes. Both envelopes should be super scribed with **Tender Number, Date of Opening & Technical / Commercial Bid and Price Bid** respectively along with name of firm.

Both the envelopes i.e. containing Techno-Commercial Bid and Price Bid should again be kept in one envelope super scribed again with Tender No. and Date of Opening and the name of firm submitting the tender and sent by Registered A/D post to **AGM(MM),Purchase Department ,CFFP ,BHEL Hardwar,Ranipur ,Hardwar 249403.Uttarakhand ,India**

Part-I Envelopes super scribed with Techno-Commercial Bid must contain all information especially:-

(a) Specification of the material offered should be strictly as per CFFP/BHEL specifications of Enquired material in tender documents. **Deviations if any must be indicated clearly in the offer . Rates to be quoted on For Destination Basis.**

(b) All commercial terms i.e. packing, forwarding, Custom Duty ,Additional Duty ,ST/STT/VAT/CST, Excise duty/CVD , Bank Charges, payment terms & Insurance etc as applicable should be clearly mentioned **except Price** .Also mention present rate of applicable taxes & duties even if inclusive in rates.

(c) Confirm to submit all required commercial documents (tax invoice, CENVATable duplicate copy of invoice, packing list, transit sale agreement etc.)& technical documents (TC/GC/QP etc.)

(d) Registration Numbers of SSI, Central Excise, Sales tax, Income tax, DGS & D, ECC etc.

(e) **Un-priced copy of Price Bid.**

Part-II Envelopes super scribed with Price Bid should contain priced copy of Price Bid. The price should be mentioned both in figures and words.

2. Authorized Signatory should authenticate all tender documents.
3. **Techno-commercial bid (Part-I)** will be opened on the due date at 2.00 PM. In the presence of participating vendors or authorized representatives, who may wish to be present. Representative deputed to witness tender opening must produce an authority letter from the signatory of offer. After evaluation of technical bids & finalization of technical, commercial terms & condition, price bid of only successful vendors will be opened. Priced bid opening date will be intimated separately.
4. The material offered must conform to the required BHEL specifications and drawings as well as instructions and details made available .
5. **Eligibility :**
For new vendors quoting for this item, Vendor Registration form duly filled must be submitted alongwith the offer Vendor Registration Form can be downloaded from our web site www.bhel.com or www.bhelhwr.co.in.
6. **Original Test Certificate & other related Documents** from the Manufacturers or Government or Recognized Houses shall have to be produced as applicable without any extra cost. This may please be clearly confirmed in the quotation without which the offer may not be considered.
7. **Validity** of offers should be minimum of **45 working days** from the date of Tender (Techno-Commercial Bid) opening.
8. **Delivery** in the promised period is the essence of contract. Confirm to supply according to delivery schedule mentioned.

9. **Payment Term** 100% Payment within 30 days after receipt and acceptance of material at CFFP through e-payment. For foreign vendor payment through LC is acceptable. However payment through LC to be given on 70th day of bill of lading date and on submission of security deposit (refer clause 17). All bank charges to the a/c of vendor.
10. CFFP/BHEL Hardwar reserves the right to accept or reject any or all tenders without assigning any reason there of.
11. Tenders not submitted in the prescribed manner are likely to be ignored/ rejected.
12. **Agent /Agency Commission:** Payment of any kind at any stage will not be made to Agent on account of agent commission or otherwise by CFFP BHEL Hardwar.
13. CFFP, BHEL, HARIDWAR may opt for **E-auction/Reverse auction** for obtaining best prices for part or full Tendered Quantity. BHEL also reserve the right to negotiate price with L1 vendor after reverse auction.
14. Please do intimate the personal contact details like Mobile Number, Email–Id, etc of authorized executive for correspondence.
15. **Penalty** : Orders placed against this Enquiry will be subject to normal clauses for imposing Penalty, Liquidated Damages, Risk purchases, cancellation ,arbitration as per terms and conditions of Tender Enquiry and Purchase Orders in case of delay in effecting supply and or other defaults .
16. **Inspection** :CFFP BHEL Hardwar inspection after receipt shall be final and binding . BHEL may inspect at Vendor's work also. BHEL may nominate any testing house for inspection .The report shall be final and binding to both concerned .In case store is found defective during warranty period ,the same will be returned for repair (if not possible in India by Vendor) and or replacement .For this Vendor has to bear all the charges such as Freight ,i.e. to and fro ,insurance etc .Bank Guarantee for the equal amount to the cost of the item is to be furnished by Vendor. In case the repair is done at CFFP/BHEL the amount on actual shall have to be reimbursed by the Vendor and or adjusted on actual from their Bill.
17. **Security Deposit:** For foreign vendor seeking payment through LC, security deposit of 10% LC value is to be submitted. Security deposit must be submitted as per BHEL format attached and issued from one of the consortium bank (list attached) and should be valid upto 70th day from bill of lading date.
18. **Disputes** : In event of any dispute arising out of Contractual obligation ,the order being finalized at Hardwar ,India will be subject to Indian Laws and falls under jurisdiction of the Court of Law at New Delhi ,India .The overseas supplier hereafter referred to as "Vendor" shall therefore ,abide by the verdict of Court of Law at Hardwar ,India as may occur .

-OR-

All disputes arising out of or in connection with the present contract ,if any ,shall be finally settled under the rules of arbitration of International Chamber of commerce by one or more arbitrator appointed in accordance with the said Rules in India .

19. BHEL reserve the right to place P.O. for part / full qty and on one or more than one sources.

AUTHORISATION LETTER
FOR E-PAYMENT/ELECTRONIC FUNDS TRANSFER (EFT/RTGS)
PLEASE FILL UP THE FORM IN CAPITAL LETTERS ONLY

TYPE OF REQUEST (Tick One)

 CREATE CHANGE

BHEL Vendor/ Supplier Code

Company's Name

Address

City

Pincode

State

Contact Person(S)

Telephone NO.

FAX. No.

e-mail id

1. Bank Name

2. Bank Address

3. Bank Telephone No.

4. Bank Account No.

5. Account Type.

6. Bank's Branch Code

7. Bank Swift Code

(aplicable to EFT only)

8. Enclose blank cancelled cheque

DECLARATION

1. I as representative/Owner of the above named company, hereby authorize BHEL CFFP, Ranipur, Haridwar to electronically make payments to the designated bank account. hereby certify that the particulars given above are true, complete and correct.

(2) If the transsation is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BHEL/transfereing Bank responsible.

3. This authority remains in full force untill BHEL, CFFP, Ranipur, Haridwar receives & acknowledge written notification requesting a change or cancellation.

4. I have read the contents of the covering letter and agree to discharge the responsibilty expected of me as a participant under E-payment/EFT/RTGS.

Date:

Authorized Signatory

Designation

Company Seal

Verification By
Bank

LIST OF CONSORTIUM BANKS:

1. State Bank of India
CAG Branch,
10-th Floor, Vijaya Building,
Barakhamba Road,
New-Delhi-110001
2. Canara Bank
74, Janpath,
New-Delhi-110001
3. Punjab National Bank
74, Janpath,
New-Delhi-110001
4. Bank of Baroda
Corporate Banking Branch,
11th Floor, BOB Building,
Sansad Marg,
New-Delhi-110001
5. Deutsche Bank
Tolstoy Marg,
New-Delhi-110001
6. State Bank of Hydrabad
Surya Kiran Building,
K. G. Marg,
New-Delhi-110001
7. State Bank of Mysore
Antriksh Bhawan,
K. G. Marg,
New-Delhi-110001
8. State Bank of Mysore
Industrial Finance Branch,
Ramanashree Arcade,
MG Road,
Bangalore-560001
9. State Bank of Travancore
Travancore House,
IF Branch, K G Marg,
New-Delhi-110001
10. HDFC Bank Ltd
5th Floor, HT House,
K G Marg,
New-Delhi-110001
11. CITI Bank N A
Jeevan Vihar Building,
Sansad Marg,
New-Delhi-110001
12. Standard Chartered Bank
H2 Block, Connaught place,
New-Delhi-110001
13. ICIC Bank Ltd.
ICIC Tower,
Bisham Pitamah Marg,
Pragati Vihar,
New Delhi 110003
14. IDBI Bank Ltd.
19, K G Marg,
Surya Kiran Building,
New-Delhi-110001
15. HSBC Ltd.
ECE House,
28 KG Marg,
New-Delhi-110001

**PROFORMA FOR SECURITY DEPOSIT
(TO BE STAMPED IN ACCORDANCE WITH STAMP ACT)**

This deed of guarantee made thisday ofTwo Thousand.....by (bank) hereinafter called 'the Guarantor') which expression shall unless repugnant to the context or meaning thereof be deemed to include its successors and assigns)IN FAVOUR OF M/s Bharat Heavy Electricals Limited (A Government of India Undertaking) a Company incorporated under the Companies Act, 1956 having its registered office at "BHEL House" Siri Fort, New Delhi 110 049 , through its Unit/Division at Hardwar (Central Foundry Forge Plant) hereinafter called "the Company" (which expression shall unless repugnant to the context of meaning thereof be deemed to include its successors and assigns).

WHEREAS M/s..... (hereinafter referred to as the vendor) have entered into a contract bearing no.....Dated.....(Hereinafter referred to as "the Contract") for the supply ofWith the Company.

AND WHEREAS the Contract interalia provides that the vendor shall furnish Security Money to the Company in the form a Bank Guarantee for a sum of Rs.....(Rs.....only) as Security for due and faithful execution of deliveries within specified period in the contract.

AND WHEREAS THE VENDOR has approached the Guarantor and in consideration of the arrangement arrived at between the Vendor and Guarantor; the Guarantor has agreed to give the guarantee as hereinafter mentioned in favour of the Company.

NOW THIS DEED WITNESS AS FOLLOWS:-

- (1) The Guarantor do hereby guarantee to the Company the due and faithful performance, observance or discharge of the Contract by the Vendor and further unconditionally and irrevocable undertake to pay the Company without demur and merely on demand to the extent of Any claim made by the Company on them for any loss, damage, costs charges and expenses caused to or suffered by the company by reason of the vendor making any default in the performance, observance or discharge of the terms , conditions stipulations or undertakings or any one of them gas contained in the Contract.
- (2) The decision of the Company whether any default has occurred or has been committed by the Vendor in the execution of the supplies, observance or discharge of any of the terms, conditions stipulations or undertakings or any one of them as contained in the Contract and or as to the extent of loss, damage, costs ,charges and expenses caused to or suffered by the Company by reason of the vendor making any default in the performance, observance or discharge of any of the terms, conditions, stipulations or undertakings or any one of them shall be conclusive and binding on the Guarantor irrespective of the fact whether the vendor admits or denies the default or questions the correctness of any demand made by the company in any Court, Tribunal or Arbitration Proceedings or before any other authority.
- (3) The Company shall have fullest liberty without affecting in any way the liability of the Guarantor under this guarantee, from time to time to enforce or forbear from enforcing any of the terms and conditions governing the contract or securities available to the Company and the Guarantor shall not be released from its liability under these presents by any exercise by the Company of the liberty with reference to the matters aforesaid or by reason of time being given to the vendor or any other forbearance, act or commission of the part of the company or any indulgence by the company to the vendor or of any other matter or thing whatsoever which under the law relating to sureties, would but for this provision have the effect of so releasing the Guarantor from its liability under this Guarantee.

- (4) The Guarantor further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken to the performance of the Contract and that it shall continue to be enforceable till all the dues of the Company under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged and till the Company certifies that the terms and conditions of the Contract have been fully and properly carried out by the Vendor and accordingly discharges this Guarantee, subject, however, that this Guarantee is only valid for written demands by the Company on or before.....(specify date).

The Guarantor undertake not to revoke this Guarantee during the period it is in force except wit the previous consent of the Company in writing and agree that any liquidation or winding up or insolvency or dissolution or any change in the constitution of the Vendor or the Guarantor shall not discharge the Guarantor's liability hereunder:

It shall not be necessary for the Company to proceed against the Vendor before proceeding against he Guarantor and the Guarantee herein contained shall be enforceable against them notwithstanding any security which the Company may have obtained or obtain from the Vendor shall at the time where proceedings are taken against he Guarantor hereunder by outstanding or unrealized.

The Guarantor hereby declares that it has power to execute this guarantee under it is Memorandum and Articles of association and the executants has full powers to do so on its behalf under the Power of Attorney dated.....granted to him by the proper authorities of the Guarantor..

IN WITNESS whereof the (Bank) have caused this deed to be signed hereunder or their behalf on the date first above mentioned.

Signed for and on behalf of the (Bank)

Name:

Designation:

Address:

Fax No. (With country code):

E-mail address:

NOTE: IN CAE A BANK IN INDIA IS GIVING THIS BANK GUARANTEE; IT WILL BE EXECUTED ON A STAMP PAPER OF RS. 62.50 BUT IF IT WILL BE FROM AN OVERSEAS BANK, IT WILL HAVE TO BE EXECUTED AS PER LAWS OF THAT COUNTRY.