



ISO 9001:2008  
&14001:2004  
NAVARATNA  
COMPANY

**MATERIAL MANAGEMENT (PURCHASE)**  
**CENTRAL FOUNDRY FORGE PLANT, BHEL HARDWAR**  
RANIPUR, HARIDWAR (INDIA) – 249403  
Phone No.+91-1334-281277/284684, FAX No. 225892  
e-mail : [ranjank@bhelhwr.co.in](mailto:ranjank@bhelhwr.co.in); [rohit\\_v@bhelhwr.co.in](mailto:rohit_v@bhelhwr.co.in);  
[v\\_kumar@bhelhwr.co.in](mailto:v_kumar@bhelhwr.co.in)

**Sub:** Tender Enquiry No: 2523P/351/4/0685D1 due on 01.05.2015, at 2.00 PM

Dear Sir,

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

SI No	Tender No	Description of Material	Qty	Date & Time of Opening
01	2523P/351/4/0685D1	Gouging Electrodes	200000 Nos.	01.05.2015 at 2.00 PM

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

Please visit [www.bhel.com](http://www.bhel.com) or [www.bhelhwr.co.in](http://www.bhelhwr.co.in) for more details and tender documents.

Unregistered vendors should download Vendor Registration Form and submit same duly filled along with offer.

Thanking You,

Yours Faithfully,  
For & On behalf of CFFP, BHEL, Hardwar

(Vipin Kumar)  
Engineer (Purchase)

**Note:** Corrigendum if any shall not be published, kindly refers websites for any changes.



निविदा सूचना  
**TENDER ENQUIRY**

भारत हैवी इलैक्ट्रिकल्स लिमिटेड  
**Bharat Heavy Electricals Ltd**  
सेन्ट्रल फाउन्ड्री फॉर्ज प्लांट- हरिद्वार - २४६४०३ (भारत)  
**Central Foundry Forge Plant, Haridwar-249403 (INDIA)**

AA-17001 Phone : (0091) 01334- 281639,281385,285336 Fax : 01334 225892 / 226458 TIN NO. 05001763485 C S T NO. HR-5018287 Dt. 16-03-1995

निविदा सूचना सं. ENQUIRY NO.*	2523 P/ 351/4/0685D1	दिनांक Date	10-04-2015
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कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

M/S. :: DUE DATE 01-05-2015  
 Vendor Code 09285  
 INDIA

SL	MATERIAL CODE ITEM DESCRIPTION	QUANTITY	UNIT	LOTNO	LOT DELIVERY QTY SCHEDULE
1	FF7710251021 GOUGING ELECTRODES. Spec Rev not available SIZE: DIA 12 X 350 MM DIM.: S	200000	NO		As per special instructions

**\*\* IMPORTANT:** This enquiry is 2 part tender. Techno-Commercial bid (Part-1) & 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.

**Standard Instructions:**  
 TEST CERTIFICATE REQUIRED.  
 GUARANTEE CERTIFICATE REQUIRED.  
 BASIC RATES, TAXES DUTIES SEPERATELY  
 CENVATABL DUPLICATE COPY OF INVOICE.  
 INSP AFTER RECPT AT CFFP.

**Special Instructions:**  
 Submit Annexure 'A' duly filled, signed & stamped with the offer.  
 SPECIFICATION ARE ENCLOSED.  
 Delivery Schedule: As per Annexure A.

**General Instructions:**

- 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 PRE-INSPECT THE MATERIAL AT VENDOR'S WORKS / GODOWN/ PREMISES BEFORE DESPATCH.
- ORIGINAL MANUFACTURER'S TEST CERTIFICATE IS REQUIRED ALONG WITH DESPATCH DOCUMENTS. IN CASE SUPPLIES ARE FROM TRADERS, IT SHALL BE THE RESPONSIBILITY OF THE TRADER TO PROVIDE ORIGINAL MANUFACTURER'S TEST CERTIFICATE WITH LINKAGE TO TRADER'S INVOICE STATING BATCH NO.

Page No 1

*Saini*  
10/04/15

★ 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**

भारत हैवी इलैक्ट्रिकल्स लिमिटेड  
**Bharat Heavy Electricals Ltd**  
सेन्ट्रल फाउन्ड्री फॉर्ज प्लांट- हरिद्वार - २४६४०३ (भारत)  
**Central Foundry Forge Plant, Haridwar-249403 (INDIA)**

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Phone : (0091) 01334- 281639,281385,285336 Fax : 01334 225892 / 226458

TIN NO. 05001763485  
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निविदा सूचना सं. ENQUIRY NO.*	2523 P/ 351/4/0685D1	दिनांक Date	10-04-2015
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कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

MATERIAL CODE QUANTITY UNIT LOTNO  
ITEM DESCRIPTION

5. CFFP/BHEL Reserves the right to procure from more than one vendor.  
6. Please quote prices in figures & words both. In case the prices quoted in words and figures are different, the values indicated in words will be considered for evaluation & establishing L1 status.

\* The offers of the bidders who are on the banned list as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on web site [www.bhel.com](http://www.bhel.com)

*V. Saini*  
10/04/15

VIPIN KUMAR  
ENGINEER (PUR)

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

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

SUPERSEDES INVENTORY NO.  
 सामग्री सूची संख्या को अधिकतम करना है




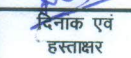


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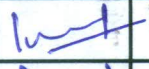

स्वत्वाधिकार एवं गोपनीयता इस दस्तावेज में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रत्यक्ष एवं अप्रत्यक्ष रूप से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए




दिनांक एवं तिथि  
SIGN & DATE  
 सामग्री सूची संख्या  
INVENTORY NO.




## GOUGING ELECTRODE FOR USE IN FOUNDRIES

- 1. General:**  
This specification covers the requirement of non- jointed type gouging electrodes for use in Steel Foundry.
- 2. Application:**  
The gouging electrode will be used for removal of metal/localised defects from casting maintained in temperature range of 30<sup>0</sup>C to 350<sup>0</sup>C with the help of Gouging arc holder.
- 3. Compliance with national standard:**  
There is no national standard available for this item.
- 4. Properties:**
  - 4.1 Size : Diameter 9 mm X length 350 mm  
Diameter 12 mm X length 350 mm  
Tolerance on Diameter shall be +1 mm /-0.2 mm and on length will be +10 mm /-2 mm.
  - 4.2 Density: 1.65 gm/cc ± 0.1 without copper coating.  
1.90 gm/cc ± 0.1 with copper coating.
  - 4.3 The gouging electrode should have copper coating of thickness 0.25 ± 0.05 mm, with smooth finish. The copper coating should not have any crack/discontinuity.
  - 4.4 Specific Resistance at RT: 2.5x10<sup>-3</sup> ohm-cm max. without copper coating.  
4.0x10<sup>-4</sup> ohm-cm max. with copper coating.
  - 4.5 Electrode weight with Cu coating shall not vary more than 10% (Maximum to minimum weight in random sampling, for variation calculation higher one as taken as base)
  - 4.6 Chemical Composition: Fixed Carbon content : 98% minimum  
Ash: 2% maximum
  - 4.7 Electrode should be able to work with air pressure of 5-8 kg/cm<sup>2</sup>.
  - 4.8 Electrode should be able to work upto 900 A (DCEP).
  - 4.9 The copper coating shall not be peel off during use at rated amperage.

RMI	SN GHOSH		अनुवादक TRANSLATED BY		
MPIC	AK KUSHWAHA		निर्माणाकर्ता WORKED BY	SUSHANT PANDEY	
CHAIRMAN CPSC	VK AGARWAL		जांचकर्ता CHECKED BY	ANIL SHARMA	
सहमत विभाग AGREED DEPTT	नाम NAME	दिनांक एवं हस्ताक्षर DATE & SIGNATURE	पर्यवेक्षणकर्ता SUPERVISED BY	VK AGARWAL	
			स्वीकृति : APPROVED :	संस्थान मानक समिति <b>PLANT STANDARDS COMMITTEE</b>	
			PREPARED : WELDING TECH	ISSUED : WELDING TECHNOLOGY	DATE 10.03.15

SIGN & DATE		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी – हरिद्वार) <b>PLANT PURCHASE SPECIFICATION</b> (CFFP - HARDWAR)	<b>FF 77185 Rev 06</b> पृष्ठ का <b>Page 2 of 7</b>	
SUPERSEDES INVENTORY NO.	सामग्री सूची संख्या को अधिकारिता करता है	<p><b>5. Acceptance:</b></p> <p>For technical scrutiny vendor shall be furnish technical data sheet as per Annex-III.</p> <p>The material can be accepted on the basis of TC/GC for the supplier who has supplied the material continuously for 2 years trouble free service. However, testing shall be done on surveillance basis.</p> <p>In case of other suppliers, testing as per Cl. No. 4 followed by shop trial (confirmation of annex I &amp; II) and sample approval will be additional. For detail procedure refer Annex- I &amp; II of spec.</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>6. Marking</b></p> <p>(a) Each electrode should bear supplier's name, trademark, if any and size near the holding end together with batch no.</p> <p>(b) The supply should have BHEL PO No.</p> <p>(c) TC and GC</p> <p>(d) Date of manufacturing and Lot No.</p> <p><b>7. Inspection, Deviation and Replacement:</b></p> <p>7.1 BHEL reserves the right to inspect material at site before despatch. The supplier shall intimate in advance about readiness of material enclosing a copy of test certificate of the material offered for inspection. However inspection at BHEL shall be final. The supplier shall offer BHEL representative all reasonable test facilities without charge to satisfy the latter that the material being furnished is in accordance with this specification. The supplier shall prepare and provide necessary test specimens for testing to be carried out at his premises. If facilities are not available at his works, the supplier shall make necessary arrangements for carrying out the prescribed tests elsewhere.</p> <p>7.2 If the material received at CFFP is not found in accordance with the requirements and compliance of properties as per plant purchase specification &amp; Annex-II, it shall be liable to be rejected and the supplier will have to replace it free of cost at the earliest.</p> <p>7.3 For any deviation from the specification sought by the supplier, prior approval of BHEL must be obtained in writing.</p>		
	<b>स्वत्वाधिकार एवं गोपनीयता</b> इस दस्तावेज में दी गई सूचना भारत भारती इलेक्ट्रिकल्स की संपत्ति है इसका प्रयोग एवं आरक्षण रूप से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए।	<p><b>8 Test Certificates:</b></p> <p>8.1 Unless otherwise specified, one original and three copies of original manufacturer's test certificates shall be supplied with each consignment bearing the following information. In order to facilitate quick clearance of material, the supplier shall ensure to send a copy of test certificate along with dispatch document.</p>		
हस्ताक्षर एवं दिनांक SIGN & DATE				
सामग्री सूची संख्या			निर्माणकर्ता WORKED BY SUSHANT PANDEY	
			जांचकर्ता CHECKED BY ANIL SHARMA	

दिनांक एवं हस्ताक्षर SIGN & DATE		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी – हरिद्वार) <b>PLANT PURCHASE SPECIFICATION</b> (CFFP - HARDWAR)	<b>FF 77185 Rev 06</b> पृष्ठ का Page 3 of 7	
सामग्री सूची संख्या को अधिकारित करता है SCHEDULES INVENTORY NO.	a. BHEL PO No. with Date b. Specification No. c. Supplier reference / trade mark d. Identification No. / Batch No. e. Properties as per Clause 4 f. Date of manufacture g. Any other specific information which the supplier would like to convey.			
<b>COPYRIGHT AND CONFIDENTIAL</b> The information on this document is the property of Bharat Heavy Electricals Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company	8.2 Suppliers other than the original manufacturer shall ensure providing original manufacturer's test certificates with linkage to supplier's invoice stating the batch No., lot No., etc of the supply.			
	<b>9. Packing and Marking:</b>  The electrodes should be supplied in original manufacturer's packing, suitably in paperboard box after encased in polythene sheet. These paper board boxes should be housed in cardboard carton to avoid any damage during handling, transit and storage.			
स्वत्वाधिकार एवं गोपनीयता इस प्रलेख में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रत्यक्ष एवं अप्रत्यक्ष 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			निर्माणकर्ता WORKED BY	SUSHANT PANDEY 
			जांचकर्ता CHECKED BY	ANIL SHARMA 

दिनांक एवं हस्ताक्षर SIGN & DATE		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी - हरिद्वार) <b>PLANT PURCHASE SPECIFICATION</b> (CFFP - HARDWAR)	<b>FF 77185 Rev 06</b> पृष्ठ का Page 4 of 7																																																	
समग्री सूची संख्या को अधिकृत किया है	SUPER-SEDES INVENTORY NO.	<b>Annexure-I</b> <b>Testing of parameters of CI 4.0</b>																																																		
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	<p>For verification of properties, 3 random samples shall be selected from each batch/lot. Each electrode first undergoes for weight measurement, and maximum 10% variation in weight is allowed. For calculation in variation higher weight will be considered as base. After compliance of weight variation, middle one sample shall be selected for testing. If more sample required for testing, samples having weight near to middle one is selected from available samples.</p> <p>BHEL reserve right to inspect any sample from supplied lot at any stage.</p> <p>1. <b>Size:</b> Dia will be measure at 3 locations along with length, each value shall be within specified limit.</p> <table border="1" data-bbox="349 683 1461 817"> <thead> <tr> <th>Property</th> <th>Specified</th> <th>Electrode 1</th> <th>Average (mm)</th> </tr> </thead> <tbody> <tr> <td>Diameter (mm), 3 locations</td> <td>X +1 / -0.2</td> <td>A1,A2,A3</td> <td>A</td> </tr> <tr> <td>Length (mm)</td> <td>350, +10 / -2</td> <td>B</td> <td>B</td> </tr> <tr> <td>Ok/Not ok</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center;">X- Dia of electrode, A1-A3: Values at 3 locations</p> <p>2. <b>Density :</b></p> <table border="1" data-bbox="349 907 1461 1019"> <thead> <tr> <th>Property</th> <th>Specified</th> <th>Electrode 1</th> </tr> </thead> <tbody> <tr> <td>Density with Cu coating</td> <td>1.90 gm/cc ± 0.1</td> <td></td> </tr> <tr> <td>Density without Cu coating</td> <td>1.65 gm/cc ± 0.1</td> <td></td> </tr> </tbody> </table> <p>3. <b>Thickness of Cu coating:</b> Thickness of Cu coating may be measure by diameter measurement of electrodes with Cu &amp; without Cu coating. The dia will be measure at 4 equidistance locations in both conditions. Care to be taken during measurement that location will be approx. same in both condition. Average of all four values will be considered for qualification. Manufacturer shall ensure that Cu thickness shall be uniform throughout the length.</p> <table border="1" data-bbox="349 1243 1461 1444"> <thead> <tr> <th>Property</th> <th>Location 1</th> <th>Location 2</th> <th>Location 3</th> <th>Location 4</th> <th>Average (mm)</th> </tr> </thead> <tbody> <tr> <td>(a)Diameter (mm), with Cu</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(b)Diameter (mm), without Cu</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Thickness: (a-b)/2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>4. <b>Specific Resistance at RT:</b> Specific resistance may be calculated by VI method using values as per density table.</p> <p>5. <b>Other Testing :</b> As per standard practice.</p>			Property	Specified	Electrode 1	Average (mm)	Diameter (mm), 3 locations	X +1 / -0.2	A1,A2,A3	A	Length (mm)	350, +10 / -2	B	B	Ok/Not ok				Property	Specified	Electrode 1	Density with Cu coating	1.90 gm/cc ± 0.1		Density without Cu coating	1.65 gm/cc ± 0.1		Property	Location 1	Location 2	Location 3	Location 4	Average (mm)	(a)Diameter (mm), with Cu						(b)Diameter (mm), without Cu						Thickness: (a-b)/2					
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सामग्री सूची संख्या को  
 अभिलेखित करना है

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स्वत्वाधिकार एवं गोपनीयता इस प्रलेख में दी गई सूचना भारत हेवी इलेक्ट्रिकल्स की संपत्ति है इसका प्रत्यक्ष एवं अप्रत्यक्ष रूप से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक न किया जाए।

हस्ताक्षर एवं दिनांक  
 SIGN & DATE

सामग्री सूची संख्या

<b>Annexure-II</b>  <b><u>PROCEDURE FOR SHOP TRIAL OF GOUGING ELECTRODES</u></b>							
<b>1.0 PROCEDURE</b>	<ol style="list-style-type: none"> <li>1. Take 8-10 (or as required ) gouging electrodes from supplied lot/ sample.</li> <li>2. Check the supplier Identification No.</li> <li>3. Trial may be carried out on casting to grade of plain carbon/ high alloy steel/ Base metal of any steel grade</li> <li>4. Confirm the air pressure in between of 5-8 kg/cm<sup>2</sup></li> <li>5. Confirm the operational condition of gouging holder for testing.</li> <li>6. Set the rectifier current up to max 900 A (DCEP)..</li> <li>7. For trial electrode should be held such that a maximum of 178mm (7 inch) extends from the cutting torch.</li> <li>8. Trial may carried out at an angle 90° to 160° (angle b/w holder axis and electrode axis in anticlockwise direction) of position of defect.</li> <li>9. Before striking the arc , turn the air jet on and grip the cutting torch as per defect location.</li> </ol>						
<b>2.0 ACCEPTANCE</b>	<p>The gouging electrodes shall be treated as satisfactory on meeting the following.</p> <ol style="list-style-type: none"> <li>1. The copper coating shall not peel off during use at rated amperage (Cu peel off shall not lead more than 25 mm than carbon, after use of 270-280mm electrode).</li> <li>2. No breakage of carbon or graphite during use.</li> <li>3. Uniform material Removal.</li> </ol>						
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">निर्माणकर्ता WORKED BY</td> <td style="width:30%;">SUSHANT PANDEY</td> <td style="width:40%; text-align: center;"></td> </tr> <tr> <td>जांचकर्ता CHECKED BY</td> <td>ANIL SHARMA</td> <td style="text-align: center;"></td> </tr> </table>	निर्माणकर्ता WORKED BY	SUSHANT PANDEY		जांचकर्ता CHECKED BY	ANIL SHARMA	
निर्माणकर्ता WORKED BY	SUSHANT PANDEY						
जांचकर्ता CHECKED BY	ANIL SHARMA						

SUPERSEDES INVENTORY NO.  
 सामग्री सूची संख्या को अतिरिक्तित करता है

**Annexure -III**  
**GOGING ELECTRODE DATA SHEET FOR TECHNICAL SCRUTINY**

Ref:	Vendor	SL NO.	CL. NO.	Properties/particulars*	Specified	Confirmation from Vendor
		1	6 (a)	Identification on electrode	Brand Name/Other	
		2	4.1	Size : Diameter (mm) Length (mm)	X +1 / -0.2 350, +10 / -2	
		3	4.2	Density :With Cu coating :Without Cu coating	1.90 gm/cc ± 0.1 1.65 gm/cc ± 0.1	
		4	4.3	Cu coating Thickness & visual	0.25 ± 0.05 mm No crack/discontinuity	
		5	4.4	Specific Resistance at RT: (a)With Cu coating, (ohm-cm) (b)Without Cu coating (ohm-cm)	(a) 4.0x10 <sup>-4</sup> max. (b) 2.5x10 <sup>-3</sup> max	
		6	4.5	Electrode weight variation	10% max (base to be taken higher one)	
		7	4.6	Chemical composition (a) Fixed Carbon content (%) (b)Ash content (%)	(a) 98% Min (b) 2 % Max	
		8	4.7	Suitability to working Air Pressure.	5-8 kg/cm <sup>2</sup>	
		9	4.8	Working current rating	Upto 900 A	
		10	4.9	Cu coating shall not be peel off during use at rated amperage	Yes/ No	
		11	5.0	Acceptance of Cl.5	-	
		12	6.0	Acceptance of Cl. 6	-	
		13	7.0	Acceptance of Cl. 7	-	
		14	8.0	Acceptance of Cl. 8	-	
		15	9.0	Acceptance of Cl. 9	-	
		16	Anne x-I	Acceptance of Testing procedure as per Annex-1	Yes/No	
		17	Anne x-II	Acceptance of procedure and acceptance norms of shop trial	Yes/No	
		18	-	Confirmation of PPS FF77185 R06, If any deviation specify		



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स्वत्वाधिकार एवं गोपनीयता इस प्रलेख में दी गई सूचना भारत हिंदी इलेक्ट्रिकल्स की सम्पत्ति है इसका प्रत्यक्ष एवं अप्रत्यक्ष रूप से किसी भी तरह प्रयोग, नो कि कंपनी के हित में हानिकारक हो न किया जाए ।

हस्ताक्षर एवं दिनांक  
 SIGN & DATE

सामग्री सूची संख्या

\* These are indicative, for more details refer Spec Clause as mentioned.

निर्माणकर्ता WORKED BY	SUSHANT PANDEY		
जांचकर्ता CHECKED BY	ANIL SHARMA		

SUPERSEDES INVENTORY NO.	<b>RECORD OF CHANGES</b>		
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REV CODE	NO. OF CHANGES	Nature of change	SIGN	DATE
02	1	Format changed. Technical details introduced.		15.3.01
03	1	Technical details modified		25.06.01
04	1	Tolerance on diameter of rod was $\pm 0.2$ mm		19.5.09
05	2	Clauses 8 & 9 modified to introduce original manufacturer's TC and packing conditions.		31.8.09
06		Specification rewritten		09.03.15

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दिनांक एवं हस्ताक्षर  
 SIGN & DATE

आभार सूची संख्या  
 INVENTORY NO.

DISTRIBUTION OF PRINTS	
RMI	✓
STANDARD SECTION	✓
MPIC	✓

	निर्माणकर्ता WORKED BY	SUSHANT PANDEY		
	जांचकर्ता CHECKED BY	ANIL SHARMA		

Name of Vendor:.....

Confirmation/comments on the conditions given below are mandatory. Please confirm the following or else your offer is liable to be rejected.

	Description	Vendor Confirmation /Comment (In case of blank, it shall be deemed to be accepted by vendor)
1	<b>Pre-Qualification Criteria:</b> All vendors to submit minimum 30 Nos. of offered Gouging Electrodes (as per specification) along with Technical bid to access the technical suitability.	
2	Guarantee Certificate (as per specification/enquiry) shall be provided along with despatch documents.	
3	Please specify whether you are a manufacturer or a trader of this material	
4	Original Manufacturer's Test Certificate shall be provided along with despatch documents.	
5	Final inspection shall be carried out after receipt of material at CFFP. However, CFFP reserves the right to pre Inspect the material at supplier works.	
6	Delivery shall be made on FOR Destination basis, destination being Stores/CFFP/BHEL Haridwar, Freight & Insurance charges to vendor's account. From foreign vendors (on whom order is placed) the delivery preferred is on DDP / DAP basis, However Delivery on FOB basis is also acceptable.	
7	BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit online sealed bid in the Reverse Auction. Non-submission of online sealed bid by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue. In case BHEL decides to go for reverse auction, the H1 bidder(s) (whose quote is highest in Online Sealed bid) may not be allowed to participate in further RA process.	
8	<b>Payment Term:</b> For indigenous suppliers: 100% within 30 days after receipt & acceptance of material at CFFP / BHEL, Haridwar through e-payment. For foreign suppliers: Payment through USANCE LC on 70 <sup>th</sup> day of bill of lading date. All bank charges shall be to vendor's account.  * In case vendor does not agree, proper loading shall be done. Base rate of SBI (as applicable on the date of bid opening: Techno commercial bid opening in case of two part bids) + 6%, shall be considered for loading for the period of relaxation sought by bidders. Also in that case, third party inspection shall have to be arranged by supplier from any of the five inspection agencies namely: LRS/ BVQI/ DNV/TUV-SUD/ Alfred H Knight at their cost.	
9	Validity of offer: Minimum 90 days from tender opening date. Offers with validity less than 90 days may not be considered.	
10	Delivery schedule for FOR Destination / DDP / DAP basis (DDP / DAP for foreign vendors only on whom order is placed) is as under: 100000 nos- 75 days from PO date 100000 nos- 120 days from PO date	

	The delivery schedule in case of FOB shall be: 100000 nos - BOL date should be within 30 days of PO date 100000 nos - BOL date should be within 75 days from PO date	
11	Prices shall be firm till execution of Order	
12	CFFP/BHEL reserves the right to order part quantity.	
13	<b>Currency of offer:</b> Indian Vendors to quote their price only in INR. Foreign vendors to quote their price in USD/ EURO/ UK POUND STERLING / JAPANESE YEN only. For evaluation of price bids, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-1 bid in case of two part bid) shall be considered.	
14	Liquidated damage : The delivery of the goods shall be made strictly as per time limit specified in delivery schedule of purchase order, failure to supply within this period will make the supplier liable to penalty of 1/2 (half) percent of the price of the goods in arrears per week subject to a maximum of 10%.	
15	Provide name, mobile no. & email address of the contact person	
16	In case vendor is not registered with CFFP BHEL Haridwar for this material, duly filled up "Supplier Registration Form" must be submitted with techno-commercial bid (form available on website <a href="http://www.bhelhwr.co.in">www.bhelhwr.co.in</a> & <a href="http://www.bhel.com">www.bhel.com</a> ). If duly filled SRF is not received within 15 days of opening of techno commercial bid, offer may not be considered for price bid opening.	
17	Risk Purchase: In case of delayed/defective supplies or non fulfillment of any other terms & conditions given in the Purchase Order, the purchaser may cancel the purchase order in full or part thereof and may also make the purchase of such material at the risk & cost of supplier.	
18	In case of any difference observed in conditions confirmed above & elsewhere in the offer, terms quoted above shall be treated as final and binding on vendor.	

Note: Evaluation for L1 status shall be done on the basis of "Landed cost net of Cenvat at CFFP".

Date:

Signature with Seal of the Company

The scope of third party inspection shall be as under:

1. The inspection is to be carried out as per the ordered specification ensuring original manufacturer's packing, Original manufacturer test certificates etc as per specification and the linkage.
2. The material should be identified as per the specification like original manufacturer's name, Batch/lot no, Net weight, material name. The material should be packed as per specification and sealed by the inspection agency. The seal details should be mentioned in the third party inspection report.
3. The test certificate should contain the complete witnessing of the chemical analysis of material as per IS1472 for nos of test required in a lot and their testing methodology for evaluating nos of element required by the material specification, size verification as per P.O. Specification, purchase order no, Batch/lot no of material, seal details of the inspector along with corresponding packing (packing list).

GENERAL TERMS AND CONDITIONS OF TENDER ENQUIRY  
ANNEXURE-B

01 Submit the tender in two parts i.e.

**Part-I Techno-Commercial Bid**

**Part-II Price Bid**

Techo - 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 send it to **AGM (MM), Purchase Department, CFFP/BHEL, Hardwar, Ranipur, Hardwar 249403, Uttarakhand, India before due date / tender opening date & time**. Normally tender opening time is 2.00 PM on due date or as mentioned in enquiry.

**Responsibility for submission of tender in time solely lies with vendor. Late offers received after specified time / Date shall not be considered.**

1. 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 (**except price**) should be clearly mentioned in Techno-Commercial bid. Also mention present rate of applicable taxes & duties even if inclusive in rates along with the concessional forms required if any.
  - (c) Confirm to submit all required commercial documents (tax invoice centvatable 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 & conditions, price bid of only successful vendors will be opened. Priced bid opening date shall 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. For new vendors, Vendor Registration from duly filled must be submitted along with the offer which can be downloaded from our web site [www.bhel.com](http://www.bhel.com) or [www.bhelhwr.co.in](http://www.bhelhwr.co.in).
6. Original manufacturer's Test Certificate is required along with dispatch documents. In case supplies are from traders, it shall be the responsibility of the trader to provide original manufacture's test certificate with linkage to traders invoice stating batch no.
7. **Validity** of offers should be minimum 90 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 terms:**  
For indigenous suppliers: 100% within 30 days after receipt & acceptance of material at CFFP / BHEL, Haridwar through e-payment.  
For foreign suppliers: Payment through USANCE LC on 70<sup>th</sup> day of bill of lading date. All bank charges shall be to vendor's account.  
  
\* In case vendor does not agree, proper loading shall be done. Also in that case, third party inspection shall have to be arranged by supplier from any of the five inspection agencies namely: LRS/ BVQI/ DNV/ TUV/ Alfred H Knight at their cost.
10. CFFP/BHEL, Hardwar reserves the right to accept or reject any or all tenders without assigning any reason thereof.
11. Tenders not submitted in the prescribed manner are likely to be ignored / rejected.
12. Agent/Agency Commissioning: 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, Hardwar 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 Name, 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.  
**Liquidated damage:** The delivery of the goods shall be made strictly as per time limit specified in delivery schedule, failure to supply within this period will make the supplier liable to an conditional penalty of 1/2 (half) percent of the price of the goods in arrears per week subject to a maximum of 10%.
16. **Inspection:** Final inspection of material shall be done after receipt of material at CFFP/BHEL, Hardwar. Acceptance of material shall be after final inspection and shall be binding. However, CFFP reserves the right to pre Inspect the material at supplier works. In case material is found defective during warranty period, the same will be returned for repair and/ or replacement. For this vendor has to bear all the charges such as Freight, 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. **Currency of Payment:** Mention the currency in which payment has to be made. For evaluation of price bids, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-1 bid in case of two part bid) shall be considered.
18. Traders should submit authorization letter from their principal alongwith offer.
19. 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 Haridwar, India. The overseas supplier hereafter referred to as "Vendor" shall therefore abide by the verdict of Court of Law at Hardwar, India.  
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.
20. BHEL reserves the right to place P.O. for part / full qty and on one or more than one sources.
21. Any Term & condition of the specific tender (if specified in tender & contradicts with above term) will supersede the above general terms & conditions.

**Terms and conditions regarding Indian agent of foreign suppliers:**

01. BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign principal desires to avail of the services of an Indian agent, then the foreign principal should ensure compliance to regulatory guidelines- which require mandatory submission of an Agency agreement.
02. It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.
03. The agency agreement should specify the precise relationship between the foreign OEM/Foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier / Indian agent. Any payment, which the agent or associate receives in India or aboard from the OEM, whether as commission or as a general retainer fee should be brought on record in the agreement and be made explicit in order to ensure compliance to laws of the country.
04. Any agency commission to be paid by BHEL to the Indian agent shall be in Indian currency only.
05. Tax deduction at source is applicable to the agency commission paid to the Indian agent as per the prevailing rules.
06. In the absence of any agency agreement, BHEL shall not deal with any Indian agent (authorized representatives/ associate/consultant, or by whatever name called) and shall deal directly with the foreign principal only for all correspondence and business purposes.
07. The "Guidelines for Indian Agents of Foreign Suppliers" enclosed at annexure- 'A' shall apply in all such cases.
08. The supply and execution of the Purchase Order (including indigenous suppliers/service) shall be in the scope of the OEM/ Foreign principal. The OEM/ Foreign principal should submit their offer inclusive of all indigenous suppliers/services and evaluation will be based on 'total cost to BHEL'. In case OEM/ foreign principal recommends placement of order(s) towards indigenous portion of supplies/services on Indian Supplier (s)/ agent on their behalf, the credentials/capacity/capability of the Indian Supplier (s)/ agent to make the supplies/Services shall be checked by BHEL as per the extant guidelines of Supplier Evaluation, Approval and Review Procedure (SEARP), before opening of price bids. In this regards, details may be checked as per Annexure- 'B' (copy enclosed). It will be the responsibility of the OEM/ Foreign Principal to get acquainted with the evaluation requirements of Indian supplier/agent as per SEARP available on [www.bhel.com](http://www.bhel.com).

The responsibility for successful execution of the contract (including indigenous supplies/services) lies with the OEM/ foreign principal. All bank guarantees to this effect shall be in the scope of the OEM/Foreign principal.

**Guidelines for Indian Agents of Foreign Suppliers**

- 1.0 There shall be compulsory registration of agents for all Global (Open) Tender and Limited Tender. An agent who is not registered with BHEL shall apply for registration in the registration form in line with SEARP.
- 1.1 Registered agents will file an authenticated Photostat copy duly attested by a Notary Public/Original certificate of the Principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/ salary/ retainership being paid by the principal to the agent before the placement of order by BHEL.
- 1.2 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.
- 2.0 **Disclosure of particulars of agents/ representatives in India, if any.**
- 2.1 Tenderers of Foreign nationality shall furnish the following details in their offers:
  - 2.1.1 The Bidder(s)/ Contractor(s) of foreign origin shall disclose the name and address of the agents/ representatives in India if any and the extent of authorization and authority given to commit the Principals. In case the agent/ representative be a foreign Company, it shall be confirmed whether it is existing Company and details of the same shall be furnished.
  - 2.1.2 The amount of commission/ remuneration included in the quoted price(s) for such agents/ representatives in India.
  - 2.1.3 Confirmation of the Tenderer that the commission/ remuneration, if any, payable to his agents/ representatives in India, may be paid by BHEL in Indian Rupees only.
- 2.2 Tenderers of Indian Nationality shall furnish the following details in their offers:
  - 2.2.1 The Bidder(s)/ Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any, indicating their nationality as well as their status, i.e. whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents/ representatives.
  - 2.2.2 The amount of commission/ remuneration included in the price (s) quoted by the Tenderer for himself.
  - 2.2.3 Confirmation of the foreign principals of the Tenderer that the commission/ remuneration, if any, reserved for the Tenderer in the quoted price(s), may be paid by BHEL in India in equivalent Indian Rupees on satisfactory completion of the Project or supplies of Stores and Spares in case of operation items.
- 2.3 In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission/ remuneration, if any payable to the agents/ representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.
- 2.4 Failure to furnish correct and detailed information as called for in paragraph 2.0 above will render the concerned tender liable to rejection or in the event of a contract materializing, the same liable to termination by BHEL. Besides this there would be a penalty of banning business dealings with BHEL or damage or payment of a named sum.

---X---

## Annexure-B

This format is applicable only to Indian Suppliers/ Agents supplying indigenous portion of Foreign Purchases.

\* In all other cases, extant guidelines of SEARP, 2010 are to be followed.

SEARP (SRF) Clause No	Detail
	<b>Name &amp; address of the firm</b>
<b>1.0</b>	<b>Products/ Systems / Services being considered for</b>
<b>2.0</b>	<b>General Information</b>
2.2	Name of Chief Executive
2.3	Details of authorized signatory
<b>3.0</b>	<b>Ownership Information</b>
3.1	Type of firm
3.2	Nature of Business <ul style="list-style-type: none"> <li>• Attach <b>authorization letter</b> and <b>agency agreement</b> from Principal ( from whom capital equipment is procured)</li> <li>• Attach copy of declaration from Foreign Principal for <b>total guarantee/ warranty of indigenous supplies</b></li> </ul>
3.3	Year of establishment
3.4	Year of commencement of business
<b>4.0</b>	<b>Registration particulars</b>
4.1	Permanent Account No.
4.2 / 4.3	Sales Tax / TIN no
4.6	Service tax no. (in case of E&C)
<b>5.0</b>	<b>Organisational strength</b>
<b>6.0</b>	<b>Other particulars</b>
6.1	If the company is already registered with other units
6.2	Directors/ Partners, if related to any BHEL Employee
6.9	If any Ex BHEL Personnel employed by the Company
6.12	Details of pending legal issues with BHEL
6.13	Bank Account information
<b>9.0</b>	<b>Financial information</b>
9.6	Sales/ Turnover details of last 3 years (or from the date of incorporation whichever is less )

---X---