



ISO 9001:2008, 14001:2004,
50001:2011 & OHSAS 18000
MAHARATNA COMPANY

MATERIAL MANAGEMENT (PURCHASE)
CENTRAL FOUNDRY FORGE PLANT, BHEL HARDWAR
RANIPUR, HARIDWAR (INDIA) – 249403
Phone No. +91-1334-281277/281299, FAX No. 225892
e-mail : vinaysingh@bhel.in; anuragkk@bhel.in

Sub: Tender Enquiry for Iron Powder

Dear Sir,

We are pleased to invite offer in **E-Tender** as per enclosed specifications & terms and conditions for the under mentioned items.

SI No	Tender No	Description of Material	Qty	Date & Time Of Opening
01	201900451, Event ID: 28806	Material Code: FF1105781011 IRON POWDER. SPEC: FF06003R05 REV: 05	75000 Kg.	14/06/2019 at 2.00 PM

Delivery Schedule:

- 1st Lot, 30000 Kg : Within 30 days from PO date.
- 2nd Lot, 30000 Kg : Within 60 days from PO date.
- 3rd Lot, 30000 Kg : Within 90 days from PO date.

For New Vendor who are not registered with CFFP:

New Vendor who are not registered with CFFP are required to fill the Supplier Registration Form (SRF). The SRF can be filled online through <https://supplier.bhel.in/>. Please ensure to fill the SRF and it is requested to submit the Acknowledgement No./ Application no. of filled SRF along with the offer. Kindly read terms and conditions, offer not in accordance with the instructions is liable to be disqualified or ignored.

Please send the following along with the Offer:

1. **Company Name and Address Proof.**
 2. **GST Number (Scan Copy of Acknowledgement)**
 3. **PAN Copy**
 4. **MSME Certificate (if Any)**
- All the above documents should be signed and stamped.**

Please visit <https://bhel.abcprocure.com/EPROC/>; www.bhel.com or www.bhelhwr.co.in for more details & corrigendum if any for the tender enquiry. **Offers are to be submitted online in E-tender portal at <https://bhel.abcprocure.com/EPROC/>**

Offer to be submitted only on e-procurement portal. Hard copy of offer is not required to be submitted to CFFP. Any offers received in Hard copy shall not be accepted and straightaway rejected by CFFP. Before proceeding for submitting quotation in e-portal, supplier to ensure that they are having a valid Digital Signature Certificate (DSC). Valid DSC refers to an Active Signing and Encryption Certificate (both), with specification Class III SHA2 2048 bit

Thanking You,

Yours Faithfully,

For & On behalf of CFFP, BHEL, Hardwar

(Vinay K Singh)

Sr. Engineer (Purchase)

Note: Corrigendum if any shall not be published, kindly refer <https://bhel.abcprocure.com/EPROC/> for any changes.

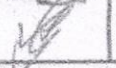
PQC for iron powder is as following:

1. Vendor must supplied **15 MT** of iron powder in any one financial year during the period 01/04/2011 to present tender opening date. Purchase order copy of its customer between two dates to be provided as documentary evidence.

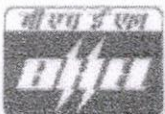
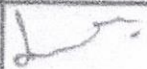
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दिनांक एवं संख्या SIGN & DATE		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी. - हरिद्वार)		FF06003 Rev 05										
		PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)		पृष्ठ का Page 1 of 4										
सुपरसेड INVENTORY NO	IRON POWDER FOR USE IN FOUNDRIES													
सामग्री की श्रेणी को पहचानित करना	1.0 General This specification governs the requirement of Iron powder used in Foundry.													
COPYRIGHT AND CONFIDENTIALITY The information on this document is the property of Bharat Heavy Electricals Limited and must not be used directly or indirectly in any way detrimental to the interest of the company.	2.0 Application Used for cutting stainless steel castings and for removal of fused sand in Steel castings.													
	3.0 Compliance with national standard There is no equivalent National Standard available.													
	4.0 Grain Size: The grain size of the material shall be as under when determined by sieving using Indian Standard Sieves :													
	<table border="1"> <thead> <tr> <th>Sieve Size</th> <th>% of iron powder retained on the sieve</th> </tr> </thead> <tbody> <tr> <td>+212 microns</td> <td>0.5 max</td> </tr> <tr> <td>+180 microns</td> <td>2 (Max)</td> </tr> <tr> <td>+ 45 microns</td> <td>Balance</td> </tr> <tr> <td>-45 microns</td> <td>25 (max)</td> </tr> </tbody> </table>					Sieve Size	% of iron powder retained on the sieve	+212 microns	0.5 max	+180 microns	2 (Max)	+ 45 microns	Balance	-45 microns
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+180 microns	2 (Max)													
+ 45 microns	Balance													
-45 microns	25 (max)													
स्वतंत्रता दिवस 15 अगस्त	5.0 Chemical composition: The material shall have the following composition: Iron - Base Carbon - 0.25 % (Max) Phosphorous - 0.03 % (Max) Moisture - 0.5% (Max)													
स्वतंत्रता दिवस 15 अगस्त	6.0 Properties: Flow shall be Maximum 35 sec/ 50 gm.													
हस्ताक्षर एवं पदनाम	RMI MPIC CHAIRMAN PPSC	SOMNATH GHOSH SHANTANU VK AGARWAL	अनुवादक सिर्जनाकर्ता जाँचकर्ता	TRANSLATED BY WORKED BY CHECKED BY SECRETARY PPSC	T DAVE AK CHAKRABORTY DR. MS RAWAT									
सामग्री की श्रेणी INVENTORY NO	सहमत विभाग AGREED DEPTT	नाम NAME	तारीख एवं हस्ताक्षर DATE & SIGNATURE	स्वीकृति : संस्थान मानक समिति APPROVED : PLANT STANDARDS COMMITTEE										
			तैयारी PREPARED : FOUNDRY TECH	जारी : फाउंड्री तकनीकी ISSUED : FOUNDRY TECHNOLOGY	दिनांक DATE 21.5.11									

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दिनांक एवं SIGN & DATE		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी - हरिद्वार) PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)	FF 06003 Rev 05 पृष्ठ का Page 2 of 4	
समय सीमा SUPPLEMENTARY NO		7.0 Sampling: For each lot of 5 tons of supply, samples shall be taken from 5 different places to make a composite sample for testing. 8.0 Acceptance Test: Each consignment shall be accepted on the basis of test carried out as per clauses 4.0 and 5.0. For new suppliers, shop trial shall be done to assess the feasibility of cutting. Phosphorous shall be checked on surveillance basis.		
COPYRIGHT AND CONFIDENTIAL The information on this document 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.		9.0 Test Certificate: 9.1 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 despatch document. a. BHEL PO No. with Date b. Specification No. c. Supplier reference / trade mark d. Identification No. / Batch No. e. Chemical Composition, Grain Size and Properties as per Clause 4, 5 & 6 f. Any other specific information which the supplier would like to convey. 9.2 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.		
		10.0 Inspection and Replacement: 10.1 BHEL reserves the right to inspect material at vendor/manufacturers' premises 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. 10.2 If the material received at CFFP is not found in accordance with the requirements, it shall be rejected and the supplier will have to replace it free of cost at the earliest.		
समय सीमा SIGN & DATE			निर्माणांक WORKED BY T DAVE	
समय सीमा SIGN & DATE			जाँचकर्ता CHECKED BY AKC	

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दिनांक एवं प्रमाणित SIGN & DATE		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी - हरिद्वार) PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)				FF06003 Rev 05	
						पृष्ठ Page	का of
SUPERSEDES INVENTORY NO.	RECORD OF CHANGES						
सहायी एसी	REV CODE	Nature of change	DOCU. NO.	SHEET NO.	SIGN	DATE	
COPYRIGHT AND CONFIDENTIAL 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.	02	P content was 0.02 max.		1 of 4		12.06.03	
	03	Clause 10 & 12 modified to incorporate original manufacturer's test certificate and packing conditions.		2 & 3		29.8.09	
	04	Correction made in Clause 4.0 - value of % iron retained for - 45 micron was left out in Rev 03 due to tyrographical error		1		12.03.2010	
	05	Clause for supply condition merged with Packing. Words "to assess feasibility of cutting" added in shop trial. %Fe was 99%. Clause 10.3 deleted. % retention on +212 micron sieve was 0.		1,3		21.5.2011	
स्वातंत्र्यधिकार एवं गोपनीयता इस दस्तावेज़ का अधिकार एवं गोपनीयता के बिना किसी भी प्रकार का प्रयोग नहीं किया जा सकता है। इस दस्तावेज़ को केवल मालिक के उपयोग के लिए ही तैयार किया गया है।	DISTRIBUTION OF PRINTS						
	RMI	✓					
	STANDARD SECTION	✓					
	MPIC	✓					
सहायक एवं दिनांक SIGN & DATE				निर्माणकर्ता WORKED BY	T DAVE		
- सहायी सूची शीट				जांचकर्ता CHECKED BY	AKC		