



ISO 9001:2000  
& 14001:2004  
NAVARATNA  
COMPANY

सामग्री प्रबन्धन (क्रय विभाग)  
**MATERIAL MANAGEMENT(PURCHASE)**  
सेन्ट्रल फाउन्ड्री फोर्ज प्लांट, भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
**CENTRAL FOUNDRY FORGE PLANT, BHEL HARDWAR**  
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Ref: FF/PPX/EOI/18

Dt. 01/06/2009

Sub: **EXPRESSION OF INTEREST FOR SUPPLY OF Ferro Silicon based additive for Sodium Silicate based system of Moulding.**

Dear Sir,

CFFP/BHEL has huge requirement for following item and thus desires Expression of Interest from interested vendors for supply of this item.


EOI NO.	Description	Due date
FF/PPX/EOI/18	Ferro Silicon based additive for Sodium Silicate based system of moulding.	18/07/2009




You are requested to please submit your interest along with Supplier Registration Form (which can be downloaded from our web site [www.bhel.com](http://www.bhel.com) ).



Kindly note that supplier registration form is mandatory requirement for processing your application against this Expression of Interest .

Thanking you.

(Rohit Varshney)  
Engineer (Pur)

RMI SIGN & DATE  SI PRESEDES INVENTORY NO  भारतीय सूची संख्या के अधिकारी द्वारा			संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी. - हरिद्वार) <b>PLANT PURCHASE SPECIFICATION</b> (CFEP - HARDWAR)		FF06045 Rev 00 पृष्ठ का Page 1 of 3	
	<p align="center"><b><u>FERROSILICON BASED ADDITIVE FOR SODIUM SILICATE FACING SAND</u></b></p> <p><b>1. GENERAL</b></p> <p>This specification governs the requirements of <b>additive to sodium silicate mixed facing sand</b>.</p> <p><b>2. APPLICATION</b></p> <p>Used as an additive to sodium silicate bonded facing sand in mould making for steel castings.</p> <p><b>3. COMPLIANCE WITH NATIONAL STANDARD</b></p> <p>There is no known national/international standard for this material.</p> <p><b>4. CHARACTERISTICS</b></p> <p><b>4.1 Composition:</b> The material is mainly a mixture of Ferrosilicon powder (53.0% min) and iron oxide (30.0% Max).</p> <p><b>4.2 Appearance:</b> Fine powder, free from lumps, grits and dirt.</p> <p><b>4.3 Colour:</b> Reddish brown</p> <p><b>4.4 Size – 300 BS Mesh or finer</b></p> <p><b>4.5 Loss on ignition:</b> &lt; 7%</p> <p><b>4.6 Moisture:</b> Traces</p>					
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स्वतंत्रता एवं गोपनीयता इस दस्तावेज़ में दी गई जानकारी केवल सूचना के लिए है। इसका प्रयोग किसी भी प्रकार से बिना अनुमति के नहीं किया जा सकता है।						
भारतीय सूची संख्या INVENTORY	RMI MPIC CHAIRMAN CPSC	KB S'MANYAM RANJAN Kumar N KHAN	अनुवादक TRANSLATED BY T DAVE CHECKED BY AK CHAKRABORTY SUPERVISED BY AK CHAKRABORTY	भारतीय सूची संख्या INVENTORY	संस्थान मानक समिति PLANT STANDARDS COMMITTEE PREPARED : FOUNDRY TECH ISSUED : FOUNDRY TECHNOLOGY DATE: 30.11.07	

		<b>संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी. - हरिद्वार)</b>		<b>FF 06045 Rev 00</b>	
		<b>PLANT PURCHASE SPECIFICATION</b> (CFFP - HARDWAR)		पृष्ठ का Page 2 of 3	
5. Use  0.5% additive shall be added to silica sand and dry mulling shall be done for 1 minute before addition of sodium silicate. Mould surface is required to be very smooth free from friability and pattern release from mould should be easy. Scratch hardness of mould is to be 50 points minimum.					
6. Acceptance  Material shall be accepted based on Clause 4 and 5					
7. Inspection, Deviation and Replacement:  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 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.  7.2 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.  For any deviation from the specification sought by the supplier, prior approval of BHEL must be obtained in writing.					
8 Packing  The material should be packed in polythene lined gunny bags containing not more than 50 Kg/bag. All the bags shall be marked with supplier's name, batch no., material name.					
9 Test Certificates  For every batch the supplier shall give three copies of test certificates with following information:  a) Supplier's Name b) BHEL PO No. with Date and batch no. c) Characteristics as per Clause No. 4					
SIGNATURE OF SUPPLIER _____ DATE: _____		निर्माणकर्ता WORKED BY T DAVE			
जांचकर्ता CHECKED BY AKC					

SIGN & DATE 	संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी. - हार्डवेयर) <b>PLANT PURCHASE SPECIFICATION</b> (CFFP - HARDWARE)				<b>FF06045 Rev 00</b> पृष्ठ का Page 3 of 3	
	<b>RECORD OF CHANGES</b>					
SUPERSEDES INVENTORY NO श्रद्धा	REV CODE	NO. OF CHANGES	SHEET NO.	NATURE OF CHANGE	SIGN	DATE
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स्वतंत्रताकार एवं जीविक इन दोनों में ही जय सुभाष जय श्री इन्दिराजी की जयश्री है इन्का प्रसाद एवं अन्नदाता जय है जिन्की भी मरण प्रतीक, जो कि श्रद्धा की दिव में प्रतिष्ठा है, वे ही हैं।						
<b>DISTRIBUTION OF PRINTS</b>						
SIGN & DATE श्रद्धा	RMI		<input checked="" type="checkbox"/>			
	STANDARD SECTION		<input checked="" type="checkbox"/>			
	MPIC		<input checked="" type="checkbox"/>			
निर्माणकर्ता WORKED BY				T DAVE		
जाँचकर्ता CHECKED BY				AKC	