

PRE- QUALIFICATION REQUIRMENT FOR NITRIDED LOW CARBON FERRO CHROME

Enquiry No.: 5018 P/930/0/0215 A1 Dtd. 12.11.2020

Item : Nitrided Low Carbon Ferro Chrome

Qty : 20000 KG

PRE-QUALIFICATION REQUIREMENT:

- 1) The participated vendor must have **supplied** minimum 4 MT of **Nitrided low carbon ferro chrome** with min. 60% Chromium and minimum 2% Nitrogen content in one financial year within a period from date 01.04.2015 to the date of opening tender.
- 2) As a supporting document to Point (1) following has to be provided:
 - a) **Proof of Order**: Copy of Purchase Orders/Purchase Agreement etc.
 - b) **Proof of supply** : Copy of Invoice/BL Copy/any other document to confirm supply of material against above Purchase order.
 - c) **Proof of Quality**: Copy of Test certificate/Specification etc. (Required if, Chromium and Nitrogen content is not mentioned on Purchase Order/Invoice copy etc.)

Sign & Stamp of bidder



PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)

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NITRIDED L.C FERRO CHROMIUM

1. SCOPE:

This specification governs the quality of **Nitrided L.C Ferro Chromium** with the following requirements.

2. APPLICATION:

The material shall be used as an alloying addition for manufacturing of steel.

3. CONDITION OF DELIVERY:

The material shall be supplied in 10-50 mm size. However oversized shall not exceed 10% by weight and undersized material shall not exceed 15% by weight.

4. COMPLIANCE WITH NATIONAL STANDARDS:

The material in general shall conform to Indian standards specification IS 1170-1992;
Grade: **Fe Cr 64 N 300**

5. FREEDOM FROM CONTAMINATION:

The material shall be free from extraneous contamination such as slag.

6. CHEMICAL COMPOSITION:

The material shall conform to the following chemical composition when it is analyzed in Accordance with IS: 1559-1961/or any other international standards /instrumental analysis traceable to international standards.

ELEMENT	% MIN	%MAX
Chromium	60	67
* Nitrogen	2.0	—
Silicon	-	1.0
Carbon	-	0.10
Sulphur	--	0.05
Phosphorous	-	0.05
Aluminum	-	0.1

- Actual Percentage of Nitrogen to be reported.

RMI	ARUN AGARWAL		WORKED BY	M.K.SAHU	
MPIC	ROHIT VARSHNEY		CHECKED BY	B.K.BEDI	
CHAIRMAN CPSC	V.K.AGARWAL		SUPERVISED BY	P.K.ROY	
APPROVED : PLANT STANDARDS COMMITTEE					
PREPARED : SMS TECH			ISSUED : Steel Melting Shop		DATE :



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7. SAMPLING AND METHOD FOR CHEMICAL ANALYSIS:

Each batch of the material shall be sampled in accordance with IS 1472: 1977. All the test results are to be rounded off as per IS 2-1960.

8. INSPECTION

- CFFP reserves the right to witness the testing of the material at supplier works and therefore the supplier shall notify the readiness of the material in advance.
- CFFP may test the material after receipt on random sample basis and acceptance of the material will be based on the CFFP's test results. *In case of any dispute in chemical analysis referee method shall be IS.*
- For any deviation from this specification prior approval shall be taken by the supplier.
- For result of analysis and properties of material the decision of CFFP shall be final and binding on the supplier.

9. TEST CERTIFICATES :

One Original and three copies of Test Certificate from the original manufacturer packing containing the following information should be provided.

Manufacturer's Name

Name of the material

Batch/Lot No.

Lot Size

Packing Size details

Date of manufacturing

All parameters mentioned in Clause 3, 5, and 6.

Note:

- a) A manufacturer supplying directly to BHEL should include BHEL's P.O. No. and Challan No. also in the TC.
- b) Any other supplier should provide a covering letter along with original Manufacturer's TC as above mentioning BHEL's P.O. No. and Challan No.

10. PACKING AND MARKING:

Packing should be such as to prevent loss / deterioration in quality during handling, transport and storage and should be in the **original manufacturer's packing**. Each package should be marked with the following details.

Name of the material

Manufacturer's Name / Trade mark

Batch/Lot No.

Net weight.

Date of manufacture.

Packing Size details.

WORKED BY

M.K.SAHU

CHECKED BY

B K BEDI