

PRE-QUALIFICATION REQUIREMENT FOR FERRO MOLYBDENUM

Enquiry No: 5015 P/930/0/0205A1 dated 12/11/2020.

QTY: 30 MT

Item: Ferro Molybdenum

PRE-QUALIFICATION REQUIREMENT:

- 1) The participated vendor must have **supplied** minimum 6 MT of Ferro Molybdenum with minimum 60% Molybdenum 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/BL Copy/any other document to confirm supply of material against above Purchase order.
 - 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, Molybdenum content is not mentioned on Purchase order/Invoice copy etc).



PLANT PURCHASE SPECIFICATION

(CFFP - HARDWAR)

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FERRO MOLYBDENUM

1. SCOPE

This specification governs the quality of Ferro Molybdenum with the following requirements.

2. APPLICATION

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

3. CONDITION OF DELIVERY

The size should be in the range of 10-50 mm. However oversized material should not exceed 10% by weight and undersize material should not exceed 5% by weight.

4. COMPLIANCE WITH NATIONAL STANDARDS

The specification in general is based on Indian standards specification IS 1469-1993 (Reaffirmed 1999); Grade: FeMo63C10.

5. FREEDOM FROM CONTAMINATION

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

6. CHEMICAL COMPOSITON

The material shall conform to the following chemical composition when it is analyzed in accordance with IS:12614 or equivalent international standard /instrumental analysis traceable to International standard.

The sampling shall be done as per IS: 1472.

ELEMENT	% MIN	%MAX
Carbon	-	0.10
Molybdenum	60	65
Silicon	-	2.0
Sulphur	-	0.10
Phosphorus	-	0.05

RMI	ARUN AGARWAL	WORKED BY	M.K.SAHU
MPIC	ROHIT VARSHNEY	CHECKED BY	B K BEDI
CHAIRMAN CPSC	G M VERMA	APPROVED BY	RANJAN KUMAR
APPROVED : PLANT STANDARDS COMMITTEE			
PREPARED : SMS TECH		ISSUED : Steel Melting Shop	DATE 13.09.18



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7. INSPECTION AT SUPPLIER'S WORKS:

- 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.
- If any specific inspection requirements are written in purchase order, the same shall be applicable.
- CFFP may, at its discretion, test the material after receipt and acceptance of the material will be based on the CFFP'S test results.
- For result of analysis and properties of material the decision of CFFP shall be final and binding on the supplier.

8. TEST CERTIFICATES

One Original and three copies of Test Certificate from the **Manufacturer** containing the following information **along with test result of clause 3,5 and the chemical composition as per clause 6** should be provided.

Manufacturer's Name
Name of the material
Batch/Lot No.
Lot Quantity.

Note:

- A manufacturer supplying directly to BHEL should include BHEL's P.O. No. and Challan No. also in the TC.
- 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.

9. PACKING AND MARKING

The material shall be packed in **tamper proof metallic drum** such as to prevent loss/deterioration in quality during handling, transportation and storage. Preferred packing size shall be 50 Kg drums however drums with weight up to 250 Kg will be acceptable with 5 packs of 50 kg each in one drum. It should be in the manufacturer's packing. Each drum should be marked with the following details.

Name of the material
Manufacturer's Name / Trade mark
Batch/Lot No.
Net weight.

10. REFERRED STANDARDS

IS: 1469 -1993, IS: 12614, IS: 1472 and AA 11311 (Corporate specification BHEL)

WORKED
BY

M.K.SAHU

CHECKED
BY

B K BEDI