



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

MATERIAL MANAGEMENT (PURCHASE)
CENTRAL FOUNDRY FORGE PLANT, BHEL HARDWAR
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REF TENDER ENQUIRY NO. : 201800341

A). PREQUALIFICATION CRITERIA

1. Vendor must be a manufacturer/ manufacturer's agent of these bricks and must have supplied minimum 2000 Nos. of Magnesia Chrome Bricks with MgO content 60% minimum supplied to a steel industry in one financial year within a period from 01.04.2013 to the date of opening tender.
2. As a supporting document, copy of Purchase Order/ Purchase agreements/ Invoice of cumulative quantity of minimum 200 Nos. of Magnesia Chromite bricks with MgO content 60% minimum supplied to a steel industry within a period from 01.04.2013 to the date of opening Tender has to be provided. Details to be provided in the following format with supporting document.

Name of Customer	Purchase Order No. & Date	Quantity	Contact person name , Email, Phone No. & Mobile No.

B). Technical requirement :

1. Application of Bricks (For information to vendor only) : above bricks will be used in Metal Zone of VAD/VOD ladles containing liquid steel at a temperature approximately 1700°C during degassing operation.
2. Vendor has to supply the bricks as per product description as mentioned below :

Chemical Properties :

MgO - 60% Min;
SiO₂ - 1% Max;
Al₂O₃ - 7% Max;
CaO - 1% Max
Cr₂O₃ - 20% Max;

Physical Properties

Bulk Density - 3.0 gm/cm³ Min;
Apparent Porosity - 17.5% Max;
Cold Crushing Strength - 45 N/mm² Min.

3. Test & Guarantee Certificate : One original (Ink Signed) & Three copies of Test Certificate should be provided by the manufacturer containing following information :
- a) Chemical & Physical properties as mentioned in item description of tender enquiry.
 - b) Manufacturer's name, name of material, batch number/ lot number and quantity.
 - c) The test certificate should also contain PO no., Challan No. and packing details of material.
4. Vendor has to arrange for Third Party Inspection from BVC/ DNV/ TUV (SUD)/ SGS/ Alec Steward or Alfred H-Knight.

Scope of Third Party Inspection : Witnessing of Physical and chemical composition of the brick Manufacturer end as per item description of tender enquiry.

Remarks :

1. *Purchase Order will be placed on Original Manufacturer even of the offer is submitted by Manufacturer's Authorized agent.*
2. *Authorization letter (for Indian Manufacturers)/ Agency Agreement (For Indian agent of Foreign Manufacturers) has to be provided by the manufacturer's authorized agents.*

Company Name :

Company Seal :