



General Note:

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OFFICE COPY**Collective No.**

9631800277

Enquiry Date

19.07.2018

**Due Date For
Quotation**

14.08.2018

Please quote Enquiry No, Date and due date in all correspondences.
This is only a request for quotation and not an order

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	SP5360008031 CH. & DIS.CH. DOOR ROOF ARCH BRICK -RHF CHARGING < (> &<)> DISCHARGING DOORS ROOF ARCH BRICK FOR ROTARY HEARTH FURNACE. DRAWING NO. : 3-7-1101-01-10342. SPECIFICATIONS : 1) RAW MA TERIAL LC90, AL2O3 : MIN: 85-90% 2) Fe2o3 : Min. 0.5%-MAX 1.5%. 3) P.C.E. : 36 4) RUL ta. : 1804 deg.C 5) A.P. : MAX. 16. 6) C.C.S. : MIN. 1000 Kgs/cm.sq. 7) PLC. : MAX. ± 0.50 % at 1500 deg.C/2Hours. 8) SERVICE TEMP. : 1700 deg.C.9)BULK DENSITY: 2.9g/cc.10)size tolerance: + /-1.5% or + /-2 mm which is more SS 310 quality Steel Fiber to be mixed along with castable. The Stainless steel 310 fiber used should be min 0.45 mm diameter and of length 25 - 50 mm. 1.5-2% addition of SS 310 fibre is required to be added	NO	18.000	18.00	03.10.18
20	SP5360008067 230X115X75MM STD.BRICK WBF STANDARD BRICKS AS PER IS:8 SIZE : 230x115x75mm 1)AL2O3 : MIN 40(+ /- 2)%, 2)Fe2O3 : MAX: 3%, 3)Apparent Porosity: max: 23%, 4)Bulk density: min : 2.1g/cc, 5)Cold Crushing Strength: min: 350Kg/cm sq, 6)Pyrometric Cone Equivalent: min :31(1683) OC(deg C), 7)Refractoriness Under Load(ta): min: 1380 deg C, 8)Permanent Linear Change at 1400 deg C for two hours: max: + /- 1%, 9) Size Tolerance: + /-1.5% or + /-2 mm which is more	NO	5000.000	5,000.00	03.10.18
30	SP5360054689 CHARGER BLOCK ASSY 304714 WBF CHARGER BLOCK ASSY DRG NO : 3-7-1150-01-04714/00 MATERIAL : 55%	SET	10.000	10.00	03.10.18

The offers should reach us 30 minutes before the time of opening of tenders.
The offers will be opened at 14.30 hrs on the due date of tender in the presence of
tenderers who have submitted their offer and who may like to be present for the tender
opening.Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(SSTP)

**9631800277 / 19.07.2018****23505**

AL2O3

SPECIFICATION : AL2O3% MIN : 55+ OR-1.5

Fe2O3%

MIN : 1.7 PCE SK MIN : 35 RUL Deg.C : MIN

1570 PLC % MAX : 1500 Deg.C

for 2hrs + /-0.5% max AP %MAX : 21 CCS

kg/

sq.CM. : MIN 350

SS 310 quality Steel Fiber to be mixed along with castable. The

Stainless steel 310 fiber used should be min

0.45 mm diameter and of

length 25 - 50 mm. 1.5-2% addition of SS 310

fibre is required to b

added

Note to Supplier:

Pointwise reply to be furnished by vendor:

1. As per our Indent Serial Number wise offer to be given.

2. Any deviation/equivalent for the given specification in the Indent is to be clearly indicated during submission of offer.

3. The relevant chemical composition data sheet/leaflet/catalogue may be supplied along with offer for technical comparison of the product.

4. Pre-Cast Press Fire(PCPF) manufacturing process alone to be required for item Sl. 1,2,4.

5. Test Certificate for Heat Treatment, Chemical Composition to be produced along with supply.

6. Materials are to be dispatched with PALLET PACKING and to avoid any transit damage.

7. Material Inspection to be carried out by M/S. BHEL Inspector or BHEL authorised third party Inspection at Supplier's works if necessary prior to dispatch of all materials. Relevant parts IS: 1528 will be reference standard during inspection.

8. Offer is considered only on free door delivery at SSTP STORES

including unloading charges.

9. A tolerance of (+) 10% in quantity is allowed.

10. Order will be placed on over all L1 basis considering min. load for transportation

11) Delivery period shall be within 10 weeks from date of order. Vendor

shall be disqualified if delivery terms of within 10 weeks is not accepted.

12) Supplier should be manufacturer of refractory shape bricks and should have facility to manufacture through PCPF route

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For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(SSTP)

**9631800277 / 19.07.2018****23505**

13) Supplier should have ISO 9001:2015 certification.

40 SP5360061103 NO 60.000 60.00 03.10.18

SIDE BLOCK

304699RHF

SIDE BLOCK for RHF Charging < (> &<)>

Dis-charging Doors. DRG NO

:3-7-1101-01-04699/00 MATERIAL

SPECIFICATIONS :- AL₂O₃ Min. : 85-90 %.Fe₂O₃ Max. : 1.5 % P.C.E. : 36 RUL ta :1804

deg.C APPARANT POROSITY (Min.)

: 17 %. C.C.S. (Min.) :1000 Kgs/cm.sq. PLC

(Max.) :

± 0.50 % at 1550°C/2 Hours. SERVICE TEMP

:1700 deg. C.Bulk Density:

2.9g/cc.Size Tolerance:+ /-1.5% or + /-2 mm

which is more

SS 310 quality Steel Fiber to be mixed along

with castable. The

Stainless steel 310 fiber used should be min

0.45 mm diameter and of

length 25 - 50 mm. 1.5-2% addition of SS 310

fibre is required

General Note:**Enclosures:****"LD clause has to be confirmed without fail."**

The bidder along with its associate / collaborators / sub-contractors / sub-vendors / consultants /service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website

<http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.**PR Links**

Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
SP5360008031	122225288	00020	18.000	/000000	
SP5360008067	122225288	00030	5000.000	/000000	
SP5360054689	122225288	00010	10.000	/000000	
SP5360061103	122225288	00040	60.000	/000000	

list of suppliers**RFQ-5200007331****Open Tender Dummy Code**

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Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(SSTP)