



General Note:

Page:1/*

PHONE : 91-44-28158821

GRAMS : BHARATELEC

FAX NO:

E-mail :

Web :

OFFICE COPY**Collective No.**

9632000001

Enquiry Date

11.01.2020

**Due Date For
Quotation**

28.01.2020

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	SP5360061170 OUTER WALL SUPPORTING BRICK-1 406301RHF OUTER WALL SUPPORTING BRICK-1 DRG NO :4-7-1101-01-06301/00 MATERIAL : 55%-60% Al ₂ O ₃ SPECIFICATION : AL ₂ O ₃ :55-60 % Fe ₂ O ₃ :1% MAX P.C.E : 35 ORTON CONE R.U.L ta :1560 deg C APPARENT POROSITY :22-25% CCS :OVER 350Kg/cm.Sq SERVICE TEMP :1600 deg C	NO	3000.000	3,000.00	30.03.20
20	SP5360061189 OUTER WALL SUPPORTING BRICK-II 406302RHF OUTER WALL SUPPORTING BRICK-II DRG NO :4-7-1101-01-06302/00 MATERIAL : 55%-60% Al ₂ O ₃ SPECIFICATION AL ₂ O ₃ :55-60 % P.C.E : 35 ORTON CONE R.U.L ta :1560 deg C APPARENT POROSITY :22-25% CCS :OVER 350Kg/cm.Sq SERVICE TEMP :1600 deg C	NO	500.000	500.00	30.03.20
30	SP5360061197 OUTER WALL SUPPORTING BRICK-III 406303RHF OUTER WALL SUPPORTING BRICK-III DRG NO :4-7-1101-01-06303/00 MATERIAL : 55%-60% Al ₂ O ₃ SPECIFICATION: AL ₂ O ₃ :55-60 % Fe ₂ O ₃ :1% MAX P.C.E : 35 ORTON CONE R.U.L ta :1560 deg C APPARENT POROSITY :22-25% CCS :OVER 350Kg/cm.Sq SERVICE TEMP :1600 deg C	NO	200.000	200.00	30.03.20
40	SP5360061200 OUTER WALL SUPPORTING BRICK-IV 406304RHF OUTER WALL SUPPORTING BRICK-IV DRG NO :4-7-1101-01-06304/00 MATERIAL : 55%-60% Al ₂ O ₃ SPECIFICATION : AL ₂ O ₃ :55-60 % Fe ₂ O ₃ :1% MAX P.C.E : 35 ORTON CONE R.U.L ta :1560 deg C APPARENT POROSITY :22-25% CCS :OVER 350Kg/cm.Sq SERVICE TEMP :1600 deg	NO	300.000	300.00	30.03.20

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)



9632000001 / 11.01.2020				23505	
	C				
50	SP5360061227 OUTER WALL BASE BRICK-I 406306 RHF OUTER WALL BASE BRICK-I DRG NO :4-7-1101-01-06306/00 MATERIAL : 55%-60% Al2O3 SPECIFICATION : AL2O3:55-60 % Fe2 O3 :1% MAX P.C.E : 35 ORTON CONE R.U.L ta :1560 deg C APPARENT POROSITY : 22-25% CCS :OVER 350Kg/cm.Sq SERVICE TEMP :1600 deg C	NO	250.000	250.00	30.03.20
60	SP5360061235 OUTER WALL BASE BRICK-II 406307 RHF OUTER WALL BASE BRICK-II DRG NO :4-7-1101-01-06307/00 MATERIAL : 55%-60% Al2O3 SPECIFICATION : AL2O3 :55-60 % Fe2 O3 :1% MAX P.C.E : 35 ORTON CONE R.U.L ta :1560 deg C APPARENT POROSITY:22-25% CCS :OVER 350Kg/cm.Sq SERVICE TEMP :1600 deg C	NO	250.000	250.00	30.03.20
70	SP5360061243 OUTER WALL ANCHOR BRICK-I 406308 RHF OUTER WALL ANCHOR BRICK-I DRG NO :4-7-1101-01-06308/00 MATERIAL : 55%-60% Al2O3 SPECIFICATION : AL2O3 :55-60 % Fe2 O3 :1% MAX P.C.E : 35 ORTON CONE R.U.L ta :1560 deg C APPARENT POROSITY:22-25% CCS :OVER 350Kg/cm.Sq SERVICE TEMP :1600 deg C	NO	100.000	100.00	30.03.20
80	SP5360061251 OUTER WALL ANCHOR BRICK-II 406309 RHF OUTER WALL ANCHOR BRICK-II DRG NO :4-7-1101-01-06309/00 MATERIAL : 55%-60% Al2O3 SPECIFICATION : AL2O3 :55-60 % Fe2 O3 :1% MAX P.C.E : 35 ORTON CONE R.U.L ta :1560 deg C APPARENT POROSITY :22-25% CCS :OVER 350Kg/cm.Sq SERVICE TEMP :1600 deg C	NO	200.000	200.00	30.03.20
90	SP5360061260 OUTER WALL ANCHOR BRICK-III 406310RHF OUTER WALL ANCHOR BRICK-III DRG NO : 4-7-1101-01-06310/00 MATERIAL : 55%-60% Al2O3 SPECIFICATION : AL2O3: 55-60 % Fe2 O3 : 1% MAX P.C.E : 35 ORTON CONE R.U.L ta : 1560 deg C APPARENT POROSITY : 22-25% CCS : OVER 350Kg/cm.Sq SERVICE	NO	100.000	100.00	30.03.20
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)	



9632000001 / 11.01.2020				23505	
100	TEMP : 1600 deg C SP5360061278 ANCHOR BRICK 406311 RHF ANCHOR BRICK DRG NO :4-7-1101-01-06311/01 MATERIAL : 55%-60% Al2O3 SPECIFICATION : AL2O3 :55-60 % Fe2 O3 :1% MAX P.C.E : 35 ORTON CONE R.U.L ta :1560 deg C APPARENT POROSITY :22-25% CCS:OVER 350Kg/cm.Sq SERVICE TEMP :1600 deg C	NO	200.000	200.00	30.03.20
110	SP5360080400 HEARTH TOP FLAT BRICK FB-1 HEARTH TOP FLAT BRICK FB-1 DRAWING NO : 3-7-1101-01-10008-REV.01 Material:- Al2O3 % = 80 + /-1.5 Fe2O3 % = 1.5 -2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
120	SP5360080418 HEARTH TOP FLAT BRICK FB-2 HEARTH TOP FLAT BRICK FB-2 DRAWING NO : 3-7-1101-01-10008-REV.01 Material:- Al2O3 % = 80 + /-1.5 Fe2O3 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
130	SP5360080426 HEARTH TOP FLAT BRICK FB-3 HEARTH TOP FLAT BRICK FB-3 DRAWING NO : 3-7-1101-01-10008-REV.01 Material:- Al2O3 % = 80 + /-1.5 Fe2O3 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
140	SP5360080434 HEARTH TOP FLAT BRICK FB-4 HEARTH TOP FLAT BRICK FB-4 DRAWING NO : 3-7-1101-01-10008-REV.01 Material:- Al2O3 % = 80 + /-1.5 Fe2O3 % = 1.5 -2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M)	NO	90.000	90.00	30.03.20
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)	



9632000001 / 11.01.2020			23505		
150	SP5360080442	NO	90.000	90.00	30.03.20
CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles HAERTH TOP FLAT BRICK FB-5 HEARTH TOP FLAT BRICK FB-5 DRAWING NO : 3-7-1101-01-10008-REV.01 Material:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles					
160	SP5360080450	NO	90.000	90.00	30.03.20
HEARTH TOP FLAT BRICK FB-6 HEARTH TOP FLAT BRICK FB-6 DRAWING NO : 3-7-1101-01-10008-REV.01 Material:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles					
170	SP5360080469	NO	90.000	90.00	30.03.20
HEARTH TOP FLAT BRICK FB-7 HEARTH TOP FLAT BRICK FB-7 DRAWING NO : 3-7-1101-01-10008-REV.01 Material:- Al203 % = 80 + /-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles					
180	SP5360080477	NO	90.000	90.00	30.03.20
HEARTH TOP FLAT BRICK FB-8 HEARTH TOP FLAT BRICK FB-8 D RAWING NO : 3-7-1101-01-10008-REV.01 Material:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles					
190	SP5360080485	NO	90.000	90.00	30.03.20
HEARTH TOP FLAT BRICK FB-9 HEARTH TOP FLAT BRICK FB-9 DRAWING NO : 3-7-1101-01-10008-REV.01 Material:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL					
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)		



9632000001 / 11.01.2020		23505			
Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles					
200	SP5360080493 HEARTH TOP FLAT BRICK FB-10 HEARTH TOP FLAT BRICK FB-10 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
210	SP5360080507 HEARTH TOP FLAT BRICK FB-11 HEARTH TOP FLAT BRICK FB-11 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
220	SP5360080515 HEARTH TOP FLAT BRICK FB-12 HEARTH TOP FLAT BRICK FB-12 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
230	SP5360080523 HEARTH TOP FLAT BRICK FB-13 HEARTH TOP FLAT BRICK FB-13 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
240	SP5360080531 HEARTH TOP FLAT BRICK FB-14 HEARTH TOP FLAT BRICK FB-14	NO	90.000	90.00	30.03.20
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)		



9632000001 / 11.01.2020		23505			
DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles					
250	SP5360080540 HEARTH TOP FLAT BRICK FB-15 HEARTH TOP FLAT BRICK FB-15 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
260	SP5360080558 HEARTH TOP FLAT BRICK FB-16 HEARTH TOP FLAT BRICK FB-16 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
270	SP5360080566 HEARTH TOP FLAT BRICK FB-17 HEARTH TOP FLAT BRICK FB-17 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
280	SP5360080574 HEARTH TOP FLAT BRICK FB-18 HEARTH TOP FLAT BRICK FB-18 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
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)		



9632000001 / 11.01.2020				23505	
290	SP5360080582 HEARTH TOP FLAT BRICK FB-19 HEARTH TOP FLAT BRICK FB-19 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
300	SP5360080590 HEARTH TOP FLAT BRICK FB-20 HEARTH TOP FLAT BRICK FB-20 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C),19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
310	SP5360080604 HEARTH TOP FLAT BRICK FB-21 HEARTH TOP FLAT BRICK FB-21 DRAWING No. : 3-7-1101-01-10008-REV.01 MATERIAL:- Al203 % = 80 + /-1.5 Fe203 % = 1.5- 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
320	SP5360080616 HEARTH TOP OUTER CONTOURE BRICK GB-1-NEW HEARTH TOP OUTER CONTOURED BRICK GB - 1 DRAWING NO.: 3-7-1101-01-10008-REV.01 MATERIAL :- Al203 % = 80 + /-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
330	SP5360080624 HEARTH TOP CONTOURE BRICK GB-2-NEW HEARTH TOP CONTOURED BRICK GB - 2 DRAWING NO.: 3-7-1101-01-10008-REV.01 MATERIAL :- Al203 % = 80 + /-1.5	NO	1800.000	1,800.00	30.03.20
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)	



9632000001 / 11.01.2020		23505			
340	Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = +/- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles SP5360080632 HEARTH TOP CONTOURE BRICK GB-3-NEW HEARTH TOP CONTOURED BRICK GB - 3 DRAWING NO.: 3-7-1101-01-10008-REV.01 MATERIAL :- Al203 % = 80 +/-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = +/- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
350	SP5360080640 HEARTH TOP CONTOURE BRICK GB-4-NEW HEARTH TOP CONTOURED BRICK GB - 4 DRAWING NO.: 3-7-1101-01-10008-REV.01 MATERIAL :- Al203 % = 80 +/-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = +/- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
360	SP5360080658 HEARTH TOP CONTOURE BRICK GB-5-NEW HEARTH TOP CONTOURED BRICK GB - 5 DRAWING NO.: 3-7-1101-01-10008-REV.01 MATERIAL :- Al203 % = 80 +/-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = +/- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00	30.03.20
370	SP5360080666 HEARTH TOP CONTOURE BRICK GB-6-NEW HEARTH TOP CONTOURED BRICK GB - 6 DRAWING NO.: 3-7-1101-01-10008-REV.01 MATERIAL :- Al203 % = 80 +/-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = +/- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M)	NO	90.000	90.00	30.03.20
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)			



9632000001 / 11.01.2020		23505		
380	CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles SP5360080674 HEARTH TOP CONTOURE BRICK GB-7-NEW HEARTH TOP CONTOURED BRICK GB - 7 DRAWING NO.: 3-7-1101-01-10008-REV.01 MATERIAL :- Al203 % = 80 + /-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00 30.03.20
390	CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles SP5360080682 HEARTH TOP CONTOURE BRICK GB-8-NEW HEARTH TOP CONTOURED BRICK GB - 8 DRAWING NO.: 3-7-1101-01-10008-REV.01 MATERIAL :- Al203 % = 80 + /-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00 30.03.20
400	CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles SP5360080690 HEARTH TOP CONTOURE BRICK GB-9-NEW HEARTH TOP CONTOURED BRICK GB - 9 DRAWING NO.: 3-7-1101-01-10008-REV.01 MATERIAL :- Al203 % = 80 + /-1.5 Fe203 % = 1.5 - 2.0 PCE SK = 36 Min. RUL Ta deg.C = 1630 Min. PLC % Max = + /- 0.5 @ 1600 deg.C/1Hr. AP % Max = 16 Max(M/C), 19Max(H/M) CCS-Kg/sq.cm = 800 Min(M/C), 500 Min(H/M) B.D gm/cc = 2.8 Min(M/C), 2.7 Min(H/M) SPALLING(A/Q) = + 30 Cycles	NO	90.000	90.00 30.03.20
410	SP5360090022 CERAMIC FIBRE BLANKET-12mm RHF CERAMIC FIBRE BLANKET TO WITHSTAND A TEMP. OF 1400 °C, HAVING 96 Kgs/M³ DENSITY. ROLL SIZE : 7.62M X 0.61M X 12mm THICK. (1 ROLL IS EQUALANT TO 4.648 M²).	M2	42.000	42.00 30.03.20
420	SP5360090138 CERAMIC FIBRE BLANKET-25mm thk. RHF CERAMIC FIBRE BLANKET TO WITHSTAND A TEMP.OF 1260 deg C,	M2	424.000	424.00 30.03.20
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)		

**9632000001 / 11.01.2020****23505**

HAVING 128Kgs/cub mtr DENSITY. ROLL SIZE :
7.62mtrX0.61mtrX25mmTHICK
(1 ROLL IS EQUIVALANT TO 4.648sq.mtr)

430	SP5360090154	NO	40.000	40.00	30.03.20
-----	--------------	----	--------	-------	----------

CERAMIC FIBRE BLANKET 1420
CERAMIC FIBRE BLANKET SIZE : 7620 x
610x25mm 128kg/M³ DENSITY
TO WITHSTAND - 1425 C° Min.

General Note:

Note to Supplier:

1. Delivery period shall be within 8 weeks for sl no 410-430 & 10 weeks for sl no 10-400 from date of order.

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

3. Pre-Cast Press Fire(PCPF) manufacturing process is required for better quality and also possible to get delivery 2 to 3 weeks in advance for sl no 10-400.

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

5. Materials are to be dispatched with PALLET PACKING and to avoid any transit damage for sl no 10-400.

6. 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.

7. Offer is considered only on free door delivery at SSTP STORES including unloading charges.

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
SP5360061170	126298666	00010	3000.000	/000000	
SP5360061189	126298666	00020	500.000	/000000	

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)



9632000001 / 11.01.2020					23505
Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
SP5360061197	126298666	00030	200.000	/000000	
SP5360061200	126298666	00040	300.000	/000000	
SP5360061227	126298666	00050	250.000	/000000	
SP5360061235	126298666	00060	250.000	/000000	
SP5360061243	126298666	00070	100.000	/000000	
SP5360061251	126298666	00080	200.000	/000000	
SP5360061260	126298666	00090	100.000	/000000	
SP5360061278	126298666	00100	200.000	/000000	
SP5360080400	126271784	00100	90.000	/000000	
SP5360080418	126271784	00110	90.000	/000000	
SP5360080426	126271784	00120	90.000	/000000	
SP5360080434	126271784	00130	90.000	/000000	
SP5360080442	126271784	00140	90.000	/000000	
SP5360080450	126271784	00150	90.000	/000000	
SP5360080469	126271784	00160	90.000	/000000	
SP5360080477	126271784	00170	90.000	/000000	
SP5360080485	126271784	00180	90.000	/000000	
SP5360080493	126271784	00190	90.000	/000000	
SP5360080507	126271784	00200	90.000	/000000	
SP5360080515	126271784	00210	90.000	/000000	
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)



9632000001 / 11.01.2020				23505	
Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
SP5360080523	126271784	00220	90.000	/000000	
SP5360080531	126271784	00230	90.000	/000000	
SP5360080540	126271784	00240	90.000	/000000	
SP5360080558	126271784	00250	90.000	/000000	
SP5360080566	126271784	00260	90.000	/000000	
SP5360080574	126271784	00270	90.000	/000000	
SP5360080582	126271784	00280	90.000	/000000	
SP5360080590	126271784	00290	90.000	/000000	
SP5360080604	126271784	00300	90.000	/000000	
SP5360080616	126271784	00010	90.000	/000000	
SP5360080624	126271784	00020	1800.000	/000000	
SP5360080632	126271784	00030	90.000	/000000	
SP5360080640	126271784	00040	90.000	/000000	
SP5360080658	126271784	00050	90.000	/000000	
SP5360080666	126271784	00060	90.000	/000000	
SP5360080674	126271784	00070	90.000	/000000	
SP5360080682	126271784	00080	90.000	/000000	
SP5360080690	126271784	00090	90.000	/000000	
SP5360090022	126188624	00010	42.000	/000000	
SP5360090138	126188624	00020	424.000	/000000	
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)	



9632000001 / 11.01.2020				23505	
Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
SP5360090154	126188624	00030	40.000	/000000	
<u>list of suppliers</u>					
RFQ-5200008800					
Open Tender Dummy Code					
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)	