



BHARATH HEAVY ELECTRICAL LIMITED
RAMACHANDRAPURAM
HYDRABAD-502032
ANDHRA PRADESH, INDIA

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 E-MAIL : tenderbox@bhelhyd.co.in

ENQUIRY

PURCHASE DEPARTMENT

SUPPLIER CODE:
 Name & Address

Enquiry No.

P3A1L14476

Enq. Date

02-Jan-2013

DUE DATE OF QUOTATION

16-Jan-2013

No. of. Items

003

OFFICE COPY

Enq. Sl.No	Indent (MPR) No.	Material Code	Drawing No. Description & Specification	Unit Code	Unit	Quantity	Delivery Schedule	
							Date	Quantity
01	1200014476/10	HYN553570001	HIGH STRENGTH, NON-SHRINK, CEMENTITIOUS GROUT, AS PER ENCLOSED DETAILED TECHNICAL SPECIFICATION.	72	KGS.	5,000	31.01.2013	5,000.00
02	1200014476/20	HYN553570001	HIGH STRENGTH, NON-SHRINK, CEMENTITIOUS GROUT, AS PER ENCLOSED DETAILED TECHNICAL SPECIFICATION.	72	KGS.	37,500	31.01.2013	37,500.00
03	1200014476/30	HYN553570001	HIGH STRENGTH, NON-SHRINK, CEMENTITIOUS GROUT, AS PER ENCLOSED DETAILED TECHNICAL SPECIFICATION.	72	KGS.	37,500	31.01.2013	37,500.00

Remarks:

1. THIS ENQUIRY IS IN TWO PART BID SYSTEM.
2. TECHNICAL BID & PRICE BID SHOULD BE SENT SEPARATLY.
3. IF TECHNICAL BID CONTAIN PRICES, THE SAME WILL BE REJECTED.
4. THE CHECKLIST DULY FILLED & SIGNED WITH STAMP SHOULD BE SENT ALONG WITH TECHNICAL BID.
5. YOU CAN SEND YOUR OFFER THROUGH E-MAIL ALSO TO tenderbox@bhelhyd.co.in OR THROUGH COURIER TO SR. MANAGER/SDC-COORDN BHEL, R.C.PURAM, HYD-502 032 SUPERSCRIBING ON THE COVERS THE ENQUIRY NO. & DUE DATE.
6. TERMS & CONDITIONS AS PER ANNEXURE - 1
7. TECHNICAL DATA SHEETS ARE ENCLOSED.

TEST CERTIFICATE REQ: NO
GUARANTEE RAQ: NO
SAMPLE REQ: NO

For and on-behalf of
Bharat Heavy Electricals Limited

A.SAILOO
MANAGER PURCHASE/CMM

ENCLOSURE TO ENQUIRY NO - P3A1L14476 Dtd:02.01.2013

TERMS & CONDITIONS FOR PROCUREMENT OF "Cementition Grout"

Sl.No.	BHEL REQUIREMENT	SUPPLIER CONFIRMATION
1	<u>TYPE OF BID</u> :-Tenders are invited in submit offers in <u>Two Part Bid</u> , the following procedure shall be followed.	
(a)	<u>PART - I : TECHNO- COMMERCIAL BID</u> Consisting of complete technical details, catalogues and all commercial terms. (Money values shall not be indicated i.e. un priced bid).	
(b)	<u>Part-II : PRICE BID :</u>	
©	The techno- Commercial bid will be opened first, discussed, finalised and only then the price bid of technically acceptable offers will be opened. <u>Special Note:</u> A) It should contain technical information like sl.no. description of the item, specification, material code,size, drawing no.if any, quantity and delivery in weeks. B) <u>The techno- commarciel bid and price bid should be enclosed in separate sealed covers superscribed with the enquiry no. and due date and both the bids (techno-commarciel bid and price bid) should be kept in a big envolep and superscribed with enquiry no. and date and due date.</u> C) <u>Please note that un-priced techno commercial bid should not contain the prices and such offers will be rejected.</u>	
2	If you are not interested / not in a position to participate in the tender, Please send REGRET letter explaining the reasons for not participating, before due date of the tender.	
3	<u>TECHNICAL REQUIREMENT</u> :-Please offer your confirmation to each and every clause of our TDC / Specification / Standard	
4	<u>VALIDITY OF THE OFFER</u> :- The quotation shall be valid at least for a period of 90 days from the date of techno - commercial bid opening date.	
5	<u>DELIVERY SCHEDULE</u> :- Please indicate 4 WEEKS from the date of Purchase Order.	
6	<u>TERMS OF DELIVERY</u> :- Please submit the offer on F.O.R. BHEL, Ramachandrapuram,Hyderabad -502 032 only, offers with Ex-works will be loaded 3% (three percentage) towards Freight & Insurance (F&I)on basic rates.	
7	<u>TAXES & DUTIES</u> :-Please indicate clearly the Percentages (%) of applicable taxes, duties like	
	<u>(A)Central Sales Tax(CST).</u>	CST _____% (Extra/Inclusive/NA) (Tick which ever is applicable)
	<u>(B)Excise Duty (ED)</u>	ED _____% (Extra/ Inclusive/NA) (Tick which ever is applicable)
	<u>(C)Value Added Tax (VAT)</u>	VAT _____% (Extra/Inclusive/NA) (Tick which ever is applicable)
	<u>OR any other taxes / duties if any applicable.</u> <u>SPECIL NOTE :-Full CST (Central Sales Tax) without "C" FORM will be apilcable "OR " in case of SALES TAX with in the ANDHRA PRADESH (STATE) "VAT"(Value Added Tax) will be apilcable .</u>	

MANAGER/PURCHASE /CMM

SIGNATURE OF VENDOR WITH SEEL

ENCLOSURE TO ENQUIRY NO - P3A1L14476 Dtd:02.01.2013

TERMS & CONDITIONS FOR PROCUREMENT OF "Cementition Grout"

Sl.No.	BHEL REQUIREMENT	SUPPLIER CONFIRMATION
8	<u>PACKING & FORWARDING(P & F), FREIGHT & INSURANCE (F & I) CHARGES:-Quoted Prices should be inclusive of Packing & Forwarding, Freight & Insurance charges.If the same is not indicated in the offer or is not acceptable, 2% will be loaded towards Packing & Forwarding charges (P & F), 2.5% will be loaded towards freight & 0.5% will be loaded towards insurance (F & I).</u>	
9	<u>PACKING:-The vendor shall be responsible for the goods being properly and adequately packed as per our standards / specifications so as to prevent any loss, damage or deterioration during transit.</u>	
10	<u>INSPECTION:- Vendor should confirm that all BHEL Inspection at BHEL works only.</u>	
11	<u>PENALTY:-</u> (A) Supplier should quote a definite delivery period and any delay in delivery will attract Penalty @1/2% (Half) per week subject to a maximum of 10% of the undelivered value of the purchase order. <u>(B) Non acceptance of penalty clause will attract maximum 10% loading on the offer and accordingly proportionate percentage will be loaded for accepting less percentage of penalty.</u>	
12	<u>TERMS OF PAYMENT:-</u> A) Despatch of Goods on door delivery basis only. Goods despatched with documents presented thro'Bank will not be accepted and the offer will be rejected. <u>B) 100% payment will be made on receipt and acceptance of materials within 90 days from the date of despatch / Invoice.</u> <u>C) Payment to SSI Units (Registered with BHEL) will be made on receipt and acceptance of materials within 45 days from the date of despatch / invoice.</u> <u>D) Payment against proforma invoice will not be considered and the offer will be rejected.</u> <u>E) In no case BHEL shall accept to pay advance / liability towards interest.</u> <u>F)Offers with deviations to the above payment terms will be LOADED @ 18% per annum.</u>	
13	<u>GENERAL:-</u> A) BHEL reserves the right to cancel this tender without assigning any reasons what so ever. B) Please confirm your acceptance to all the points indicated above positively and submit this format duly filled, signed & stamped along with the technical bid.	
14	We will impose risk purchase clause in case of failed to excute the order.	

MANAGER/PURCHASE /CMM

SIGNATURE OF VENDOR WITH SEEL

TECHNICAL DATA

Name of the Material: Free flow high strength, non shrink, cementitious precision grout

Properties:

Comprehensive strength: (BS 1881 – PART 116: 1983)

Age (days)	Compressive strength (Nmm ²)	
	Consistency	
	Flowable (W/P 0.18)	Pourable (W/P 0.165)
1	24	27
3	45	54
7	55	66
28	65	78

Compressive Strength with Addition of Aggregates

Age (days)	Compressive Strength (N/mm ²) W/P 0.18		
	%of aggregates (IS 516 – 1959)		
	50%	75%	100%
1	28	30	32
3	50	52	55
7	60	63	68
28	70	75	78

Flexural Strength (BS 4551, 1998)

Age (days)	Flexural Strength (Nmm ²)
	W/P 0.18
1	2.5
3	7.0
7	9.0
28	10.0

Tensile Strength (W/P – 0.18)	3.5 N/mm ² @ 28 days
Pull out bond Strength (W/P - 0.18)	17 Nmm ² @7 days 20 Nmm ² @28 days
Time for Expansion (After Mixing)	Start : 20 Mins. Finish : 120 Mins.
Freshwet Density	Approximately 2220 Kgs/M ³ Depending on actual

Consistency used

Young's modulus
(ASTM D469 – 94) 28 KN/mm²

Dynamic load resistance Not less than 5 N/Mm² and 25 N/Mm² @
500 cycles / minute for two million cycles.

Coefficient of Thermal expansion 11 X 10⁻⁶ / ° C

Unrestrained Expansion 2 – 4% in the Plastic state
to overcome shrinkage

Pressure to restrain
Plastic Expansion 0.004 NN/mm² approx.

Flow characteristics : Flow design immediately after mixing grout

Grout Consistency	Maximum flow distance in mm			
	Gap width (mm)	50mm head	100mm head	250mm head
Flowable	30	350	1000	1500
	40	500	1500	2000
	50	900	2000	3000+

Note : Minimum unrestricted flow width is 300mm.

	Pourable:	Flowable
Yield (liters):	12.5	13.3

Packing : Should be in 25 Kgs. Moisture resistant bags.

Shelf Life: Shelf life should be 6 months