

BHARAT HEAVY ELECTRICALS LIMITED Ramachandrapuram HYDERABAD-500 032, INDIA				ENQUIRY		RFQ NO : 6000003878		SHEET:1 OF :1	
HY17001 C REV.NO.0		Phone 091-40-23184526 091-40-23182322		FAX : 091-40-23021910 091-40-23021954		E Mail: tenderbox@bhelhyd.co.in		PURCHASE DEPARTMENT	
		Enq/Collective Number :P3A1100361		Enq.Date : 10.10.2009		No.Of Items :		DUE DATE OF QUOTATION : 04.11.2009	
Office Copy		Please submit your lowest quotation in sealed cover superscribed with Enquiry No./Collective No.(RFQ No) and due date subject to our terms and conditions attached ,for the materials mentioned below. Your offer has to reach us on or before due date by 11.00 Hours (IST) and will be opened at 14.00 Hours.(IST).If our Enquiry No./Collective No.(RFQ No) and tender due date are not super scribed on the tender cover , your offer shall be summarily rejected.Whosoever desires to send offers on their own risk (complete in all respects) via e-mail have to send offers to the common e-mail address : tenderbox@bhelhyd.co.in . Incomplete offers and late offers will not be considered.							
SL NO	Purchase Req.no	item no	Material Code	Drawing no. & Specification	Description	Unit	Qty	Delivery Date	Schedule Qty
	1200000361	10	HYN553570001	::	CONBEXTRA GP2, HIGH STRENGTH, NON-SHRINK,	KG	175,000.000	15.11.2009	175,000.000
Special Remarks Full Description:- [Supply of Free Flow, High Strength, Non-Shrink, Cementitious Grout] 1) Terms & Conditions as per Annexure -I (Terms & Commercial) 2) Technical Specification:- As per Annexure -II 3) Offers received through advertisement on website received with in stipulated tender due date will be considered.									
						TEST CERTIFICATE REQD: GUARANTEE REQ : SAMPLE REQD : BID TYPE : TWO PART		For and on-behalf of G. CHINA Bharat Heavy Electricals Limited. Dy. Manager, Purchase (CMN) बीहड़पाल, हेद / BHEL Hyd-502 032 G China Subba Rao	

ENCLOSURE TO ENQUIRY NO - P3A1I00361 Dtd:10.10.2009		
TERMS & CONDITIONS FOR PROCUREMENT OF "CONBEXTRA GP2, HIGH STRENGTH, NON-SHRINK"		
Sl.No.	BHEL REQUIREMENT	SUPPLIER CONFIRMATION
1	TYPE OF BID:- Tenders are invited to submit offers in Two Part Bid , the following procedure shall be followed.	
(a)	PART - I : TECHNO- COMMERCIAL BID Consisting of complete technical details, catalogues and all commercial terms. (Money values shall not be indicated i.e. un priced bid).	
(b)	Part-II : PRICE BID : The techno- Commercial bid will be opened first, discussed, finalised and only then the price bid of technically acceptable offers will be opened.	
©	Special Note: 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- commercial bid and price bid should be enclosed in separate sealed covers superscribed with the enquiry no. and due date and both the bids (techno- commercial bid and price bid) should be kept in a big envelop 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	TECHNICAL REQUIREMENT:- Please offer your confirmation to each and every clause of our TDC / Specification / Standard	
4	VALIDITY OF THE OFFER:- The quotation shall be valid at least for a period of 90 days from the date of techno - commercial bid opening date.	
5	DELIVERY SCHEDULE:- Staggered deliveries are to be confirmed as follows A) Quantity 25,000.00kgs. (Twenty five thousand only) - Delivery by 15.11.2009 B) Quantity 1,50,000.00kgs. (One Lakh Fifty Thousand only) - Delivery by 31.12.2009	
6	TERMS OF DELIVERY:- FOR BHEL, Ramachandrapuram,Hyderabad - 502 032	
7	TAXES & DUTIES:- Please indicate clearly the Percentages (%) of applicable taxes, duties like (A)Central Sales Tax(CST), (B)Excise Duty (ED) (C)Value Added Tax (VAT) OR any other taxes / duties if any applicable. SPECIAL NOTE :-Full CST (Central Sales Tax) without "C" FORM will be applicable "OR " in case of SALES TAX with in the ANDHRA PRADESH (STATE) "VAT"(Value Added Tax) will be applicable .	


 DY.MANAGER/PURCHASE /CMM

SIGNATURE OF VENDOR WITH SEAL

ENCLOSURE TO ENQUIRY NO - P3A1I00361 Dtd:10.10.2009		
TERMS & CONDITIONS FOR PROCUREMENT OF "CONBEXTRA GP2, HIGH STRENGTH, NON-SHRINK"		
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:-</u> 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.	
10	<u>INSPECTION:-</u> BHEL Inspection at BHEL works	
11	<u>GUARANTEE :-</u> Vendor shall give Guarantee and Test Certificates incase materials are found defective while taking into account replacement should be at free of cost immediately.	
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. (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.	
12	<u>TERMS OF PAYMENT:-</u> 1) 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. 2) 100% payment will be made on receipt and acceptance of materials within 90 days from the date of despatch / Invoice. 3) 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. 4) Payment against proforma invoice will not be considered and the offer will be rejected. 5) In no case BHEL shall accept to pay advance / liability towards interest. 6)Offers with deviations to the above payment terms will be LOADED @ 18% per annum.	
13	<u>Special Note:</u> <u>A) Terms & Conditions as per Annexure-1</u> <u>B) Technical Specification as per Annexure-II</u> <u>C) Offers received through advertisement on website received with in stipulated tender due date will be considered.</u>	
14	<u>GENERAL:-</u> * BHEL reserves the right to cancel this tender without assigning any reasons what so ever. * Please confirm your acceptance to all the points indicated above positively and submit this format duly filled, signed & stamped along with the technical bid.	


 DY.MANAGER/PURCHASE /CMM

SIGNATURE OF VENDOR WITH SEAL

ANNEXURE - II**ENCLOSURE TO ENQUIRY NO – P3A1I00361 Dtd: 10.10.2009****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 3.5 N/mm² @ 28 days

(W/P – 0.18)

Pull out bond Strength 17 Nmm² @ 7 days

Cont....2



(W/P - 0.18)	20 Nmm ² @ 28 days
Time for Expansion	Start : 20 Mins.
(After Mixing)	Finish : 120 Mins.
Freshwet Density	Approximately 2220 Kgs/M ³ Depending on actual Consistency used
Young's modulus (ASTM D469 - 94)	28 KN/mm ²
Dynamic load resistance	Not less than 5 N/Mm ² and 25 N/Mm ² @ 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/mm ² 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

Special Note: Please fill all the above Technical points and submit along with your offer and terms & conditions (Annexure-1)



Dy. Manager/Pur/CMM

Signature of vendor with seal