



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY	Phone: +91 431 257 79 38 Fax : +91 431 252 07 19 Email : tvenkat@bheltry.co.in Web : www.bhel.com
NOTICE INVITING TENDER	

TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two Parts	2621000123	27.09.2010	28.10.2010

You are requested to quote the Enquiry number date and due date in all your correspondence. This is only a request for quotation and not an order.

Please note that under any circumstances both **delayed offer** and **late offers** will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of **tender opening**.

Item	Description	Delivery Schedule	
		Quantity	Date
10	3 Core, 11 KV, 240 Sqmm XLPE Power Cable as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	2000.00 M	25.03.2011

Important points to be taken care during submission of offer

1. Checklist to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
2. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

BHEL's General guidelines / instructions (refer MM/CE/GT/001) including bank guarantee formats and list of consortium banks, commercial terms check-list can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under Enquiry reference "2621000123".

Tenders should reach us before 14:00 hours on the due date
Tenders will be opened at 14:30 hours on the due date
Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

Sr. Manager / Capital Equipment / MM

Specification for 3 core, 11KV, 240 sq.mm XLPE Power Cable				
Sl.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Offered	Deviations
	Supply of High Voltage, XLPE insulated, PVC inner/ outersheathed, armoured Power Cable conforming to the specification given below.			
1.0	High Voltage Power Cable:			
1.1	Nominal area of conductor	240 sq.mm		
1.2	Number of cores	3 core		
1.3	Voltage rating	11KV, 50Hz, a.c		
1.4	Type of system	Unearthed		
1.5	Conductor			
1.5.1	Material	Stranded, circular, Aluminium conductor as per IS 8130-1984		
1.5.2	Conductor screen material	Non-metallic semiconducting tape or extruded semiconducting material		
1.6	Insulation			
1.6.1	Material	XLPE as per IS:7098-Part 2-1985		
1.6.2	Nominal thickness of insulation in mm	5.5		
1.6.3	Core identification	Coloured strips applied on the core		
1.6.4	Insulation screen	Extruded semiconducting material		
1.6.5	Metallic copper tape	Copper tape wrapped with suitable overlap on each core		
1.7	Innersheath			
1.7.1	Material	PVC innersheath		
1.7.2	Nominal thickness of innersheath in mm	0.7mm		
1.8	Armour			
1.8.1	Material & Type	Galvanized flat steel strip armouring		
1.8.2	Nominal strip size in mm	4x0.8		
1.9	Outersheath			
1.9.1	Material	PVC compound Type-ST2 as per IS:5831-1984		

Sl.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Offered	Deviations
1.9.2	Minimum thickness in mm	2.84		
1.10	Conformance to Indian Standard specification	IS:7098 (Part 2) -1985		
2.0	Technical leaflet of the cable indicating the approx. diameter, weight, thickness of insulation/ sheathing/ armour wire, current rating etc. to be enclosed with the offer.	Vendor to furnish		
3.0	General Features of the H.V.Cable:			
3.1	Cable shall have the manufacturer name embossed/ printed/ indented on the outer sheath at regular intervals.	Vendor to confirm		
3.2	Cable shall have Voltage grade, cable size embossed on the outer sheath.	Vendor to confirm		
3.3	Routine tests shall be conducted on the cables as per IS and test certificate shall be produced against supply	Vendor to confirm		
3.4	Make of the cable- Reputed make acceptable to BHEL	Vendor to specify.		
3.5	Length variation in the quantity of supply, if any	Vendor to specify.		
4.0	Reference List/ Qualifying Conditions:			
4.1	Only those vendors who have supplied referred or higher size cables should quote.	Vendor to confirm		
4.2	Information about the customers to whom referred cables have been supplied is to be submitted for qualification of the offer.	Vendor to furnish		
4.2	The cable offered should have been ' Type Tested ' as per IS: 7098 part-II, in any one of the approved laboratory like CPRI, ERDA . Copy of the ' Type Test Certificate ' should be enclosed along with the offer for acceptance of the make of the cable offered.	Vendor to confirm		
4.3	The various tests that would be conducted as part of Routine test and the laboratory facilities available in the manufacturing plant for conducting those tests should be mentioned in the offer.	vendor to confirm		
5.0	Scope of Supply	Quantity		
5.1	3 core, 240 sq.mm aluminium, armoured, 11KV, XLPE cable as specified above	2000M		