



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY

NOTICE INVITING TENDER

Phone: +91 431 257 7653
Email : skaruna@bheltry.co.in
spsy@bheltry.co.in
kmk@bheltry.co.in
Web : www.bhel.com

TWO PART BID

Enquiry
Number:

Enquiry
Date:

Due date for submission
of quotation:

Tender to be submitted in two Parts

2621700004

05.12.2017

19.12.2017

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	Quantity
10	4 Core X 10 Sqmm Aluminium Cable as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in/epublish/app)	3,000.00 Mtrs.
20	3.5 Core X 25 Sqmm Aluminium Cable as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in/epublish/app)	1,000.00 Mtrs.

Important points to be taken care during submission of offer

1. Delivery required 8 Weeks from the date of purchase order.
2. Compliance Form No: TRY/IND/09 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. 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 / GENL / 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 <https://eprocure.gov.in/epublish/app> under above Enquiry reference.

(This is not an E-tender, please submit your offer in hard copies)

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**

S. Parthasarathy
Manager / Capital Equipment / MM

Specifications for 4Core 10 Sq. mm XLPE Aluminium Armoured Cable

Part-A: Qualification Condition			
Sl. No	Description	Bidder to specify	Deviation if any
1	Bidder must be Manufacturer of aluminium cables or their authorized dealer. In case of dealer, necessary authorization document in support of above shall be submitted by vendor.		
2	The cable make offered should have been 'Type Tested' as per IS: 7098 part-I, in any one of the government 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.		
Part-B: Technical Specifications			
Sl. No	Description	Bidder to specify	Deviation if any
	Supply of 3000 Meter Medium Voltage, XLPE insulated conductor, PVC inner & outersheathed insulation , armoured Power Cable conforming to the specification given below.		
1.0	Medium Voltage Power Cable:		
1.1	Nominal area of conductor: 10 Sq.mm		
1.2	Number of cores: 4 Core . Cores identified with different colours		
1.3	Conductor: Stranded, Circular/ shaped, Aluminium		
1.4	Voltage rating: 1.1KV, 50Hz, AC		
1.5	Conductor Insulation: Insulation material XLPE as per IS -7098, Part-I		
1.6	Innersheath: PVC innersheath- Type ST2 as per IS-5831 -Black colour		
1.7	Armouring: Galvanized steel wire/ strip armouring as per IS-3975 & IS-7098		
1.8	Outersheath: General purpose, PVC compound outersheath - Type ST2 as per IS-5831 -black colour		
1.9	Conformance to Indian Standard specification: IS:7098(Part 1)/IS-5831		
2.0	Vendor should attach the GTP of the cable along with the offer.		
2.1	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.		
3.0	General Features of the M.V.Cable:		

Sl. No	Description	Bidder to specify	Deviation if any
3.1	Cable shall have the manufacturer name embossed/ printed/ indented on the outer sheath at regular intervals.		
3.2	Cable shall have Voltage grade, cable size embossed on the outer sheath.		
3.3	Routine tests shall be conducted on the cables as per IS and test certificate shall be produced		
4.0	Preferable makes: RPG,KEI, Gloster, Universal, Mansfield, APAR industries limited, Cable corporation of india ltd., Diamond power infrastructure ltd, Hindusthan vidyut products ltd., Havells india limited, kei industries ltd., Krishna electrical industries ltd., KEC International limited, Nicco corporation ltd., Paramount communications ltd., Polycab wires pvt. ltd., Ravin cables limited, Sriram cables pvt. ltd., Torrent cables ltd., Universal cables ltd or any other makes acceptable to BHEL		
5	Scope of Supply: 3,000 Meter cable as per the above specifications		

Specifications for 3.5 Core 25 Sq. mm XLPE Aluminium Armoured Cable

Part-A: Qualification Condition			
Sl. No	Description	Bidder to specify	Deviation if any
1	Bidder must be Manufacturer of aluminium cables or their authorized dealer. In case of dealer, necessary authorization document in support of above shall be submitted by vendor.		
2	The cable make offered should have been 'Type Tested' as per IS: 7098 part-I, in any one of the government 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.		
Part-B: Technical Specifications			
Sl. No	Description	Bidder to specify	Deviation if any
	Supply of 1000 Meter Medium Voltage, XLPE insulated conductor, PVC inner & outersheathed insulation , armoured Power Cable conforming to the specification given below.		
1.0	Medium Voltage Power Cable:		
1.1	Nominal area of conductor: 25 sq.mm		
1.2	Number of cores: 3.5 Core . Cores identified with different colours		
1.3	Conductor: Stranded, Circular/ shaped, Aluminium		
1.4	Voltage rating: 1.1KV, 50Hz, AC		
1.5	Conductor Insulation: Insulation material XLPE as per IS -7098, Part-I		
1.6	Innersheath: PVC innersheath- Type ST2 as per IS-5831 -Black colour		
1.7	Armouring: Galvanized steel wire/ strip armouring as per IS-3975 & IS-7098		
1.8	Outersheath: General purpose, PVC compound outersheath - Type ST2 as per IS-5831 -black colour		
1.9	Conformance to Indian Standard specification: IS:7098(Part 1)/IS-5831		
2.0	Vendor should attach the GTP of the cable along with the offer.		
2.1	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.		
3.0	General Features of the M.V.Cable:		
3.1	Cable shall have the manufacturer name embossed/ printed/ indented on the outer sheath at regular intervals.		

Sl. No	Description	Bidder to specify	Deviation if any
3.2	Cable shall have Voltage grade, cable size embossed on the outer sheath.		
3.3	Routine tests shall be conducted on the cables as per IS and test certificate shall be produced		
4.0	Preferable makes: RPG,KEI, Gloster, Universal, Mansfield, APAR industries limited, Cable corporation of india ltd., Diamond power infrastructure ltd, Hindusthan vidyut products ltd., Havells india limited, kei industries ltd., Krishna electrical industries ltd., KEC International limited, Nicco corporation ltd., Paramount communications ltd., Polycab wires pvt. ltd., Ravin cables limited, Sriram cables pvt. ltd., Torrent cables ltd., Universal cables ltd or any other makes acceptable to BHEL		
5	Scope of supply: 1000 Meter cable as per the above specifications		