

BHARAT HEAVY ELECTRICALS LIMITED Ramachandrapuram HYDERABAD-500 032, INDIA		ENQUIRY		RFQ NO : 6110026369	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 : P2A1L02872		Enq Date : 01.03.2012	No.Of Items : 1	DUE DATE OF QUOTATION : 14.03.2012						
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 onor 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	Drg no - Ver , Rev & Spec - Ver , Rev	Description	Unit	Qty	Delivery Date	Schedule Qty	
1	1600002872	10	HY2857297106		3 ½ C X 300 Sq.mm LT Cable Brief Description: LT cable, 3.5 C X 300 Sq.mm, 1.1KV (UE) Stranded Aluminium conductor PVC insulated, G.S.Strip armoured and overall extruded, PVC sheathed conforming to IS:1554 (Part-I)/1988 with latest amendments (Technical specification enclosed)	M	5,000.000	30.04.2012	5,000.000	
Special Remarks						1) TWO PART BID SYSTEM MAY BE FOLLOWED. 2) TERMS & CONDITIONS AS PER ANNEXURE - 1 3. SPECIFICATIONS ARE ENCLOSED.				
						TEST CERTIFICATE REQD: Y GUARANTEE REQ : Y SAMPLE REQD : N BID TYPE : TWO PART				For and on-behalf of Bharat Heavy Electricals Limited. A.SAILOO / S MANAGER/CMM/PURCHASE

ENCLOSURE TO ENQUIRY NO - P2A1L02872 Dtd:01.02.2012		
PROCUREMENT OF "LT CABLES"		
Sl.No.	BHEL REQUIREMENT	SUPPLIER CONFIRMATION
1	TYPE OF BID: -Tenders are invited in 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- 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 envolp 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: - As per Enquiry	
6	TERMS OF DELIVERY: - 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	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. 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 .	

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PROCUREMENT OF "LT CABLES"		
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:-</u> A) Vendor should confirm that all inspection and Test will be carried out at your works (vendor's works) only. B) Vendor should confirm that all inspection and Test certificates (three sets) should be furnished along with material to the undersigned.	
11	<u>GUARANTEE :- Vendor shall give guarantee against 'manufacturing defects' for the supplies for a period of 12 months (1 YEAR) from the date of despatch of materials.</u>	
12	<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) <u>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>	
13	<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. B) <u>100% payment will be made on receipt and acceptance of materials within 90 days from the date of despatch / Invoice.</u> C) <u>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> D) <u>Payment against proforma invoice will not be considered and the offer will be rejected.</u> E) <u>In no case BHEL shall accept to pay advance / liability towards interest.</u> F) <u>Offers with deviations to the above payment terms will be LOADED @ 18% per annum.</u>	
14	<u>GENERAL:-</u> A) BHEL reserves the right to cancel this tender without assigning any reasons what so ever.	
15	<u>NOTE:- MAKE SHOULD BE STANDARD COMPANY WITH ISI MARK.</u> 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.	
15	Order will be finalised through reverse auction.	
16	We will impose risk purchase clause in case of failed to excute the order.	
17	<u>Rs. 50,000/- DD should be accompanied with technical bid towards EMD in favour of M/s. Bharat Heavy Electricals Limited, Ramachandrapuram-Hyderabad. Other wise your offer will not be considered.</u>	

Procurement of 3 ½ C X 300 Sq.mm LT Cable

Brief Description :

LT cable, 3.5 C X 300 Sq.mm, 1.1KV (UE) Stranded Aluminium conductor PVC insulated, G.S.Strip armoured and overall extruded, PVC sheathed conforming to IS:1554 (Part-I)/1988 with latest amendments (Detailed specification enclosed)

SPECIFICATIONS FOR 1100 V GRADE 3 1/2 CORE, 300 SQ.MM, PVC INSULATED PVC SHEATHED CABLE

Scope :

This specification governs the quality requirements of design, manufacture, testing, packing at manufacturers work and delivery at site of 1100V UG LT PVC insulated Power Cables, as per requirements complete in all respects.

Applicable standards :

- IS 1554 (Part-I) - Specification for PVC insulated PVC sheathed cables.
IS 10418 - Wooden drums for electric cables.

Constructional requirements :

All cables shall be unearthed grade type.

- Voltage grade : 1100V/1100V
Conductor : Stranded Aluminium conductor as per IS 8130 .
Insulation : PVC.
Armour : Aluminum wire for single core cables.
Outer sheath : Extruded PVC compound conforming the Type ST2 of IS 5831

Tests :

All acceptance, type, routine tests shall be carried out on all the cables at supplier's works in the presence of BHEL's representative.

General:

Cables shall be delivered in maximum possible length of not less than 500M, neatly rolled on chemically treated wooden drums with both ends sealed with moisture proof sealing.

PVC / rubber end caps shall be supplied free of cost for each drum with a minimum of ten per thousand meter length. In addition, ends of the cables shall be properly sealed with caps to avoid ingress of water during the transportation and storage.

Documentation:

2 copies of filled in technical data sheets shall be submitted for technical bid. And four copies of test certificates and technical data sheets with in one week after final inspection.

Guarantee:

The cables shall be guaranteed for satisfactory operation of 18 month from the date of dispatch.

Wanar *(Ajay)*

TECHNICAL DATA SHEET :

(To be filled by the bidder)

Make & Type :

Applicable standards :

Voltage grade :

Suitable for system with
service voltage :
neutral earthed /unearthed :

Maximum conductor temperature :
Continuous Deg. C :
Short time Deg.C :

Conductor :
Material :
Size (sq.mm) :
No.of wires & diameter of each wire (No./mm):

Insulation :
Material :
Type :
Thickness (normal) mm :

Armouring :
Material :
Size (no.of wires x dia of each wire) :
Dia over armour :

Outer sheath :
Material :
Type :
Thickness (normal) mm:

Approx. over all dia :

Standard drum length with tolerance (M) :

Net weight of cable (Kg/KM) :
Continuous current rating for standard IS conditions laid direct : Amps
In ground :
In duct :
In air :

Short circuit current for 1 sec (KA) :

Electrical parameters at maximum operating temperature (Ohms /KM):
Resistance :
Reactance at 50 Hz
Capacitance :

Signature

(Signature)