

		<b>BHARAT HEAVY ELECTRICALS LTD.,</b> RAMACHANDRAPURAM HYDERABAD - 500 032. ANDHRA PRADESH - INDIA.		<b>ENQUIRY</b>		SHEET.....OF .....		
		PH.NO:040-2318 4259 Fax No. 040-2318 6011		<b>PURCHASE DEPARTMENT</b>				
<b>SUPPLIER CODE:</b>		<b>ENQUIRY</b>		<b>AMENDMENT</b>		<b>NO. OF ITEMS:01</b>		
		Enquiry No. M2/13/6000001770/UKR		DATE: <b>28.04.2014</b>		No. Date.		
		DUE DATE QUOTATION. <b>20.05.2014</b>		THIS IS ONLY A REQUEST FOR QUOTATION AND NOT AN ORDER.				
Kindly note that visiting hours are only after 14.30 hrs. unless with a prior appointment.								
Please specify on all your Correspondence/Envelopes/Telexes addressee's name, designation department and our reference for our prompt action.								
<b>ENQ</b>	<b>INDENT</b>	<b>INDT.</b>	<b>MATERIAL CODE/</b>					
<b>SI.No.</b>	<b>(MPR)No.</b>	<b>SI.No.</b>	<b>DRAWING.NO</b>	<b>DESCRIPTION SPECIFICATION.</b>				<b>UNIT</b>
								<b>QTY</b>
1	6000001672	10	HY7420399115	F DBT BD 3PH NEU LINK 12 32 BKL MD				NO.
		20	HY7420399042	F DBT BD 3 PH NEU LINK 8 63 BKL MD				2
2	6000001770	10	HY7420399042	F DBT BD 3 PH NEU LINK 8 63 BKL MD				NO.
		20	HY7420399115	F DBT BD 3PH NEU LINK 12 32 BKL MD				1
3	6000001702	10	HY7420399115	F DBT BD 3PH NEU LINK 12 32 BKL MD				NO.
		20	HY7420399042	F DBT BD 3 PH NEU LINK 8 63 BKL MD				2
				NOTE : 1) Two part bid only. 2) TECHNICAL SPECIFICATIONS AND COMMERCIAL TERMS & CONDITIONS AS PER ENCLOSURE.				
<b>REMARKS</b>								
<b>Instructions: Offers are invited to to submit in two parts and the following procedure shall be followed,</b>								
<b>a) Part-I: Techno cum Commercial bid:</b>								
1. Consisting of complete technical details, catalogues, drawings and all commercial terms. Money values shall not be indicated. (i.e.unpriced bid.)								
<b>b) Part-II: Price Bid:</b>								
1. Consisting of prices for the items enquired. Preconditions for the prices will not be accepted.								
2. The Technical cum Commercial offer will be opened first, discussed, finalised and only then the price bid of technically acceptable offers will be opened.								
3. In the event, if there is any change in scope of supply/technical specifications, the bidder can submit revised price bid before price bid due date. The supplier should indicate on the cover "Revised Price Bid".								
4. If you are not interested/or not in a position to participate in the tender, please sent REGRET Letter explaining the reasons for not participating, before the tender due date.								
5. The material offered should be strictly in conformance with the specification enclosed.								
6. Offers can also be submitted through e-mail by mailing to tenderbox@bhelhyd.co.in, before due date.								
<b>SPECIAL ATTENTION:</b>								
DEAR SIR, Please submit your lowest quotation in sealed cover superscribed with enquiry.No & date subject to our terms and conditions attached for the above materials so as to reach us on or before due date by 11.00 a.m. and the Tenders will be opened at 13.00 Hours.								
If our enquiry.no. tender due date are not superscribed on the tender cover, your offer shall be summarly rejected. Also quote enquiry.No. date and enquiry SL.NO. in all correspondence for prompt action.								
						for AND ON BEHALF OF  BHARAT HEAVY ELECTRICALS LTD.,  <b>V.UDAY KUMAR</b> Officer/PUR-CG		


**INSTRUCTIONS TO BE COMPLIED BY THE SUPPLIER**

<b>QUOTATIONS:</b>		<b>SUPPLIER CONFIRMATION</b>
1	BHEL's requirement is for capital use. Offers from reputed and resourceful Suppliers are invited to be submitted in two parts, consisting of a) Cover-1 & Cover-II and b) Cover-III as below, which are to be submitted together before due time of tender opening.	
2	Cover - I E.M.D.: EMD of Rs. 40000.00 (FOURTY THOUSAND) to be deposited in the form of Cash*(as permissible under Income Tax Act)/Demand Draft/Pay Order, in favour of M/s. Bharat Heavy Electricals Ltd., Ramachandrapuram, Hyderabad - 502 032 along with a covering letter. These are to be submitted in a sealed cover. In case of foreign bidders e-payment for EMD is acceptable i)EMD by the tenderer will be forfeited as per the tender document s(schedule), if the successful bidder/vendor refuses to honor the order after award of the same on him and/or withdraws his bid and/or unilaterally changes the offer and/or any of its terms& conditions within the validity period or fails to submit CEBG even within 60 days from the date of PO. ii)EMD given by all unsuccessful tenderers shall be refunded on acceptance of award/LOI/PO by successful tenderer.iii)EMD shall not carry any interest.*Cash shall be submitted by prospective vendor only at BHEL-RC Puram cash office and receipt shall be kept in the envelop.	
3	**Beneficiary Name:Bharat Heavy Electricals Ltd. Beneficiary Address:Ramachandrapuram,Hyderabad, 502032, Beneficiary Ph. No:(+91 40)23182235, Name Of the Bank:State Bank of Hyderabad, Branch Address::Ramachandrapuram,Hyderabad, 502032,Branch Code:075,A/C No:00000062048154115, A/C Type:Current Account, IFSC No(For NEFT & RTGS):SBHY0020075,MIRC:500004072, Bank's Telephone No:(+91 40)23022210, Bank's Fax No:(+91 40)23022210	
4	<b>Cover - II (Part-I) : TECHNICAL-CUM-COMMERCIAL AND UN-PRICED BID:</b>	
(a)	This consists of complete technical details, catalogues, drawings and all commercial terms. Money values must not be indicated i.e. <b>un-priced bid</b> . These are to be submitted in a sealed cover.	
(b)	The following formats / documents are to be filled up and submitted: (i) Filled in Technical Specification (Format enclosed), (ii) Filled in Standard Terms & Conditions for Procurement of Equipment (Format enclosed), (iii) Un-Priced Bid, (iv) Supplier Registration Form (To be downloaded from www.bhel.com), (v) All relevant enclosures of above documents / formats, (vi) Complete technical / commercial details along with catalogues / instructions and (vii) Shipping weight and cubage (length, width & height) size of packing.	

5	<b>Cover - III (Part-II) : PRICE BID:</b>	
(a)	Prices are to be indicated as per Un-Priced Bid as per detail as well as in conformity with terms as submitted in Part-I. Bidders are required to quote as per enclosed format. All applicable taxes and duties are to be indicated clearly in the offer. The comparison between indigenous and foreign bids shall be done based on landed (FOR DESTINATION) price basis. Processing of any optional item is at the discretion of BHEL. <b>Offer with any preconditions for price will be rejected.</b>	
(b)	The bidders should submit their best price at this stage itself. They will not be allowed to revise the price during validity period.	
<b>STANDARD TERMS &amp; CONDITIONS FOR PROCUREMENT OF CAPITAL EQUIPMENT [FORMAT TO BE FILLED-UP BY THE SUPPLIER]</b>		
<b>HAVE TO OFFER THEIR TERMS IN THE ALLOTTED COLUMN AND SHALL IDENTIFY DEVIATIONS D</b>		
<b>S/N</b>	<b>BHEL Standard Terms</b>	<b>Supplier Confirmation</b>
<b>01</b>	<b>Terms of Delivery:</b>	<b>Deviation</b>
(a)	<b>Indigenous Supplies :</b> FOR - Destination means FOR - B.H.E.L. Hyderabad stores. (Packing & Forwarding, Freight & Insurance are in Supplier's scope i.e. included in the quoted prices) . <b>Ex-works is not acceptable.</b>	
(b)	<b>Foreign Supplies :</b> Foreign supplies have to be made on Incoterm CIF basis (i.e. Inclusive of Sea/Air worthy packing and inclusive of all freight and Insurance upto Mumbai Sea Port . Foreign supplies will be loaded with 2.1% towards inland freight & insurance from Mumbai to BHEL Hyderabad stores for tender evaluation purpose. Notes: i)Offer with terms of delivery other than CIF are liable for rejection. ii)Trans-shipment strictly not permitted.	
(c)	In case, any shortage is noticed viz-viz PO requirement in the main equipment/spares, such shortage shall be replenished by supplier on FOR destination basis without any cost implication to BHEL i.e. Custom Duty and freight charges etc. upto destination for such short supplies shall be borne by the supplier. Please also note that any short supply will attract imposition of penalty on the total P.O. value.(Supply+E&C).	

02	<b>Delivery Period:</b>		
	<p>Bidder shall quote their earliest schedule with respect to date of PO which is to be upto quoted terms of delivery.</p> <p>The delivery period in no case shall be linked with extraneous conditions/stipulations such as approval of drawings.</p>		
03	<p>Payment Terms : Offer with deviations to BHEL Payment Terms will be loaded as under.a)Bench Mark Prime Lending Rate (BPLR) of SBI as applicable on the scheduled date of Tender Opening +2%, for the amount and period of relaxation sought by the bidder.b)On account of payment through LC, if insisted by bidder, bank charges shall also be loaded for the deviation in i)opening of LC by BHEL ii)period and amount of LC, as per the prevailing bank rates.</p> <p>Payment terms mentioned here under for <del>Indigenous and Imported Offers</del></p>		
(a)	<b>Terms of payment for Indigenous Offer:</b>		
	<p>100% payment of supply value will be made on 45th day from the date of receipt of material at BHEL (date of goods receipt (GR) ) subjected to submission &amp; acceptance of Performance Bank Guarantee of 10% of contract value valid for 30 days beyond the guarantee period .</p>		
(b)	<b>Terms of Payment for Foreign Offers:</b>		
(i)	<p>100% Payment will be made through L.C. , which shall be opened 1 month before the confirmed date of dispatch, valid for three months and is encashable against Shipping Documents, submission of Pre-inspection Report of BHEL and Performance Bank Guarantee of 10% of contract value valid for guarantee period, negotiated through bank .</p>		
4	<b>Warranty / Guarantee Period:</b> One year to be provided for the entire equipment and four years for compressor from the date of commissioning.		

	<p>Loading Factor for non-acceptance of Guarantee Period: Less than 24 months from commissioning will attract loading of AMC charges for difference of quote with warranty / guarantee period. Example : If a Supplier provides 18 months guarantee period, in place of 24 months, then the difference of 6 months will be loaded with AMC charges of 4% per annum for difference period of 6 months i.e. 2% of total cost will be loaded for evaluating lowest bidder.</p>		
5	<p><b>Penalty for Delay in "Supply" :</b>  Delay in supply beyond the quoted delivery period will attract Penalty at a rate of 0.5% per week subject to max. of 10% of total PO value .In case any bidder is not accepting the above penalty for delayed supply the offer the bidder shall be loaded as follows.</p>		
	<p><b>Loading Factor for non-acceptance of Penalty Clause:</b> It will attract maximum 10% loading on the offer and accordingly proportionate percentage will be loaded for accepting less percentage of penalty clause. Example : If the Supplier has accepted for maximum 5% penalty clause, then balance 5% will be loaded on supply value for evaluating lowest bidder.</p>		
6	<p><b>Performance Bank Guarantee (PBG):</b> The Supplier shall submit a PBG for 10% of the contract value valid for 30 days beyond Warranty / Guarantee period.</p>		
	<p>Offers with non-acceptance of Performance Bank Guarantee clause are liable to be rejected. Offers with less acceptance of PBG than the specified period and or value shall be loaded proportionately, during evaluation of the lowest bidder.</p>		
7	<p><b>Validity:</b> Supplier to mention clearly the validity of the offer [Minimum 180 days from tender opening date].</p>		
<p>Note : The bidders should comply with the above Terms &amp; Conditions. Non-adherence may lead to</p>			

**ENQUIRY NO. M2/14/6000001770/UKR - FUSE DISTRIBUTION BOARDS WITH  
COMBINATION SWITCH UNITS IN CAST IRON ENCLOSURE TYPE CH**

<b>Sl. No.</b>	<b>Item Description</b>	<b>Qty</b>	<b>Mu</b>	<b>Rate In Rs.</b>	<b>In Rs.</b>
1	F DBT BD 3PH NEU LINK 12 32 BKL MD (MATERIAL CODE: HY7420399115	8	Nos		
2	F DBT BD 3PH NEU LINK 8 63 BKL MD (MATERIAL CODE: HY7420399042)	4	Nos		
	<b>Total Order Value</b>				
	P&F Charges Extra @				
	TOTAL				
	Excise Duty Extra @				
	<b>Vat @ CST Extra@ 2%Against "c" form</b>				
	Freight Charges				
	Insuranace Charges				
	<b>Total Value</b>				
	<b>FOR SERVICES</b>				
1	Installation Charges				
	<b>Total Charges</b>				
	Service Tax Extra @ 12.36% (4*12.36)				
	<b>Total Service Charges</b>				
	<b>Total Value for Supply &amp; Services</b>				

## PROJECTS DEPARTMENT

### I. DETAILED SPECIFICATION FOR FUSE DISTRIBUTION BOARD WITH COMBINATION FUSE SWITCH UNITS IN CAST IRON ENCLOSURE TYPE CH:

Distribution Fuse Board incorporating Bakelite Moulded Fuse Base and Carriers with HRC Fuse links as per IS 2208, TPN assembled with 315A GE Make Combination Switch Fuse Unit in Cast Iron Enclosure as Incomer, Inter connections between Incomer and Fuse Distribution Board with copper bus bars/suitable flexible copper wire/ copper rods for each phase and neutral, insulated with heat shrinkable PVC sleeves for identification, tested for compliance with IS 4064 with non-deteriorating HRC fuse links, ISI Certified suitable for mounting on steel column with four legs, necessary mounting frames, inter connections, earthing, cable entry and reverse entry boxes.

#### The specification for the Fuse Distribution Board:

The Fuse distribution boards are fabricated out of 2.0mm thick swg sheet steel and treated with seven tank process, and painted with Siemens Grey Powder Coated and fitted with fuse bases and carriers of GE/BUSMANN / SIEMENS / L&T MAKE FUSE BASES AND FUSE LINKS INTER CONNECTED WITH COPPER BUS BARS.

#### **THE COMBINATION FUSE SWITCHES:**

##### **. GE Make, Cast Iron Enclosure Type CH**

.Totally enclosed, fully shrouded, cast iron clad units of robust construction designed to meet most adverse conditions in service. Casting coated with unicoat paint.

.ON / OFF Indication provided.

.Two External earthing terminals are provided.

.Double break isolation arrangement ensuring complete isolation of fuse links when the units are in OFF position.

.Quick make and quick break mechanism independent of the speed of the operator.

.All current carrying parts are hard silver plated.

.All fixed contacts housed in the most modern insulated base and shrouds.

.All units accept GE make HBC fuse links.

.All units are provided with bolted type neutral links with facility to disconnect the neutral easily.

. For cabling convenience, moving contact assembly can be easily removed in 100A to 315A ratings after depressing a red cam lever which will relieve the assembly of the spring pressure.

.Units are suitable to receive ferrule type sockets. It is recommended that crimped type sockets are used in preference to solder type. For 63A rating aluminium cables may be pinched directly as per procedure.

.Interlocks are provided to ensure that the lid cannot be opened until the switch is in the OFF position and that the unit cannot be switched ON unless the lid is properly closed. It is however possible for a competent examiner to operate the switch with the lid open by releasing the interlock.

.All CFS units are ISI Certified to IS 4064-1978.

## **II. CABLE ENTRY BOX FOR BOTTOM & REVERSE ENTRY FOR TOP:**

These boxes are fabricated out of 1.6 SWG sheets, dust and vermin proof, duly painted with Siemens grey powder coated.

One end of the cable entry box is to be fixed to CFSU & reverse entry boxes to FBD and other end of both the boxes shall be provided with 3mm thick removable cable gland plates.

1" dia holes are to be provided on reverse entry cable gland plate. (12nos for 12way & 8nos for 8way).

The Combination Fuse Switch along with fuses will be coupled together with suitable hard ware and interconnected, ready to use.

### **QUANTITY REQUIREMENT:**

1. Fuse Distribution Board of 3 phase, 415V with neutral consisting of 32A, 12 Way With 315 A CFSU Unit, 415 V
2. Fuse Distribution Board of 3 phase, 415V with neutral consisting of 63A, 8 Way With 315A CSFU Unit, 415 V : C