



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 7421/4102/7775

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: hemalatha@bhel.in

: kumar.virendra@bhel.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

2601900014

17.04.2019

10.05.2019

You are requested to quote the Enquiry number, date and due date in all your correspondences. 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	Qty.
10	"Procurement of 250 A DSL shrouded Conductor System" as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site www.bhel.com and https://eprocure.gov.in)	01 Set

Important points to be taken care during submission of offer:

1. Delivery terms shall be FOR BHEL Stores, Trichy-620014.
2. Compliance Form No.: MM/CE/IND/12 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. Delivery required 4 weeks from the date of purchase order.
4. Erection & Commissioning period required 3 weeks from the date of intimation by BHEL to vendor for deputation of their Engineers for E&C.
5. EMD: Not Applicable.
6. 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/GENL001), commercial Terms check list (Compliance Form) and Technical Specification can be downloaded from BHEL web site <http://www.bhel.com> or from Central Public Procurement Portal website <https://eprocure.gov.in> under Enquiry reference "2601900014".

Note: this is not an E-tender, hence Vendors are requested to ensure that the offer is reaching physically at our office before 14:00 Hrs. on the date of tender opening.

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

V. Karan
17/4/19

V. KARUNAKARAN
Dy. General Manager
Capital Equipment / MM

BHEL / Tiruchirappalli - 620 014

**SUPPLY AND COMMISSIONING OF 250A DSL SHROUDED CONDUCTOR SYSTEM
FOR 40M LENGTH IN BUILDING NO:50 AT BHEL/TRICHY**

Part A

Qualifying Criteria

The bidder has to compulsorily meet the following requirements to get qualified for consideration of the technical offer.

S. No.	PARTICULARS	VENDOR'S RESPONSE
1.1	The BIDDER(s) / VENDOR(s) shall be a Manufacturer or an Authorised dealer of DSL shrouded conductor system. In case of dealers, valid authorisation certificate from the manufacturer for supply of the Shrouded Conductor System in Part-B mentioning the enquiry number should to be submitted along with offer, failing which the offer will not be considered.	
1.2	Only those BIDDER(s) / VENDOR(s), who have manufactured/ supplied and commissioned 250A Copper Shrouded conductors installed in any one heavy industries in the last five years (as on the first date of tender opening) are eligible to quote.	
1.3	BIDDER(s) / VENDOR(s), has to submit at least 1 Performance Certificate for the satisfactory performance of the commissioned DSL Shrouded Conductor System. Copy of Purchase Order, corresponding Commissioning and performance certificate shall be submitted along with the offer for the above reference.	
1.4	BHEL reserves the right to verify the information provided by the bidder. In case the information provided by the bidder is found to be false/ incorrect, the offer shall be rejected.	


07/03/2013

V. RAMESH KUMAR
Dy General Manager
Welding Research Institute
Bharat Heavy Electricals Limited
Tiruchirapalli-620 014.

Part B

Technical Specification for Supply and commissioning of 250A 4-line DSL Shrouded Conductor system required for 10/5T EOT crane in Bay-5A / Building-50

Annexure – I

S.No	PARTICULARS	BHEL SPECIFICATION	VENDORS TECHNICAL OFFER (With complete details)
1	4-LINE SHROUDED CONDUCTOR DSL SYSTEM FOR EOT CRANE		
1.1	Total requirement	i) 250Amps. – 40 Mtrs Copper conductor R,Y, B & G – each 40 Mtrs	
1.2	Type of Installation	Vertical Mounting	
1.3	Material	i) Copper	
1.4	Current Rating	i) 250Amps	
1.5	System voltage	415V AC	
1.6	Standard length	4.5 mtrs Appx.	
1.7	Insulation	PVC	
1.8	Protection	IP21	
1.9	Conductor joint	Four bolted type	
1.10	Insulation cover	Red, Yellow, Blue & Green Colors	
1.11	Support Pitch	1000 mm (Appx.)	
1.12	Hanger clamp	4 Pole type	
1.13	Power feeding	Power feeding at the center of the DSL System	
1.14	Minimum pitch of Conductors	40 mm	
1.15	Ambient temp.	Suitable for 50°C Ambient Temperature rise.	
2	CURRENT COLLECTOR		
2.1	Total requirement	i) 125Amps Current collector 8Nos. (For 1 Crane)	
2.2	Current rating	i) 125 Amps	
2.3	Current Collector Type	Sliding contact with sufficient Contact pressure while on Movement	
2.4	Tolerance in Collector movement	i) For 125Amp Current collector: Horizontal +/-200 mm & Vertical +/- 60 mm	
2.5	Mounting bracket	40/25 mm square bar	
2.6	Shoe Holder Material	NYLON / ABS	
3	SCOPE OF SUPPLY		
3.1	Shrouded Conductor	The 250Amps Shrouded Conductor set shall be supplied as 40Mtrs X 4set (R,Y,B,G).	
3.2	Angle support	The Angle support and Hanger clamp for mounting the conductor shall be supplied with 3% excess of required quantity.	

V.RAMESH KUMAR
Dy General Manager
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Tiruchirapalli-620 014.

07/03/2019

S.No	PARTICULARS	BHEL SPECIFICATION	VENDORS TECHNICAL OFFER (With complete details)
3.4	Accessories for Shrouded Conductor fitting	The required quantity of Conductor joints, Anchor Clamps, Centre power feed assembly, Expansion joints, Joint Cover, End Termination Joints & End Covers shall be supplied.	
3.5	Current Collector	125Amps Current collector - 8Nos as mentioned in the current collector specifications.	
3.6	Accessories For Current Collector Fitting	2 Nos of current collector mounting bracket shall be supplied.	
3.7	Tools	The required special tools if any and manual for Installation and Maintenance shall be supplied.	

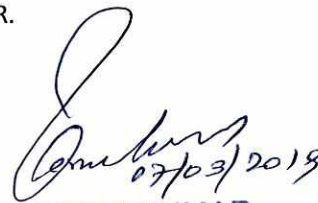
Annexure - II

4.0	ERECTION AND COMMISSIONING		
4.1	Location	Bldg.50/BHEL /Trichy Plant	
4.2	Manpower	Suppliers scope	
4.3	Welding machine with accessories	Suppliers scope	
4.4	Gas cutting set with accessories	Suppliers scope	
4.5	Tools and tackles	Suppliers scope	
4.6	Power (Electricity)	Free supply by BHEL	
4.7	All consumables like welding electrode, oxy-acetylene gases etc.	Suppliers scope	
4.8	Personal Protective Equipments	Suppliers scope	
4.9	Remarks	Any other requirement for erection and commissioning shall be clearly indicated by the supplier during technical discussion itself.	

Requirement.

1. 250A COPPER SHROUDED CONDUCTOR-----40 MTRS
2. 125A CURRENT COLLECTOR----- 8 NOS
3. INSTALATION OF 250A COPPER SHROUDED CONDUCTOR-----40 MTRS
4. WITH ALL NECESSARY ACCESSORIES FOR INSTALLING THE ABOVE AS MENTIONED IN THE TECHNICAL SPECIFICATION.

NOTE: ORDER TO BE PLACED FOR ALL THE 4 ITEMS TO A SINGLE VENDOR.


V. RAMESH KUMAR
 Dy General Manager
 Welding Research Institute
 Bharat Heavy Electricals Limited
 Tiruchirapalli-620 014.