



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 76 53 Fax : +91 431 252 00 31 Email : skaruna@bheltry.co.in Web : www.bhel.com
NOTICE INVITING TENDER	

TWO PART BID Tender to be submitted in two Parts	Enquiry Number: 2621400037	Enquiry Date: 05.08.2014	Due date for submission of quotation: 05.09.2014
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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.

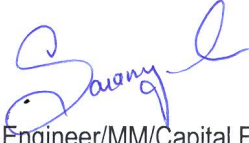
Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of tender opening.

Item	Description	Quantity
10	TPN Distribution Board 250A as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	12 Nos.

Important points to be taken care during submission of offer

1. The rate of EMD for this Tender will be (INR) :- Nil
2. The Checklist for Acceptance of Commercial Terms & Conditions 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) 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 above Enquiry reference

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. Engineer/MM/Capital Equipment
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Specification for TPN Distribution Board 250A

Sl.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Bidder Comments
Manufacture and supply of Medium Voltage, 8 Way TPN distribution boards with 63A three pole TP MCB per way as outgoing, 250A, 4 pole MCCB as incomer, Metallic door. The DB should be Phase Segregated and Separated between incomer and outgoings , suitable for flush / surface mounting. The distribution boards conforming to the specification and features given below.			
1.0	TPN Distribution Board		
1.1	Type of enclosure (surface mounting)	Fabricated Sheet steel. confirming to IP42 or higher. Vendor to confirm.	
1.2	Configuration	Three poles and neutral DB with per phase isolation	
1.3	Number of ways	8 ways to Confirm	vendor
1.4	Copper Busbar Rating	250 A Vendor to Confirm	
1.5	Make of the TPN distribution Board (Schneider, Legrand, Standard Kopp, Havells, Siemens, ABB , C&S or reputed make acceptable to BHEL)	Vendor to specify the make offered.	
1.6	Overall dimensions of the DB. Attach drawings	Vendor to specify	
2.0	Miniature Circuit Breaker/MCCB		
2.1	Breaking Capacity as per IS 8828 of 1996, IEC 608898 of 1995 for MCB and IEC 60947-2 for MCCB.	10 KA for MCB. 36 KA for MCCB. Vendor to confirm.	
2.2	Type of release	Fixed thermo magnetic for MCB. Adjustable thermo magnetic for MCCB. Vendor to confirm.	
2.3	Current rating at 415V, 50Hz	63 A/250 A (as specified for outgoing/incomer)	
2.4	Number of MCB, MCCB	63A, 8 nos., Triple pole MCB as outgoing, 250A, 1 no. 4 pole MCCB as incomer.	

2.5	Mounting accessories for MCCB :- Spreader links	Suitable current rating and size . Vendor to confirm.	
2.6	Terminal capacity of MCB	Proper termination and firm connection to accommodate 35sq.mm cable.	
2.7	Make, Type of the MCB offered . (Schneider,Legrand,Standard Kopp,Havells, Siemens, ABB , C&S or reputed make acceptable to BHEL)	Vendor to specify the make offered	
3.0	General Features of the Lighting Distribution board:		
3.1	The TPN DBs shall have 250A Copper Busbar with neutral bars, earth bars and Cable Ties for cable management, interconnecting wires/links. Neutral bars and busbars should be fully insulated with door earthing with IP 42 or higher protection.	Vendor to confirm.	
3.2	Sufficient clearance as per IS should be provided for Neutral bars	Vendor to confirm.	
3.3	DB shall be provided with gland plates at the top and bottom with knockouts.	Vendor to confirm.	
3.4	Earth bar for facilitating individual earth for each outgoing circuit. Sufficient clearance as per IS should be provided.	Vendor to confirm.	
3.5	Label to be permanently and securely fixed inside the case to mark the name, current rating of the circuit.	Vendor to confirm.	
3.6	Gaskets shall be provided to ensure vermin proof condition.	Vendor to confirm.	
3.7	The DB shall be provided with metal door.	Vendor to confirm.	
3.8	The DB shall be epoxy powder coated to give a superior finish with great aesthetics look.	Vendor to confirm.	
3.9	The DB should conform to IS standards and Indian Electricity Rules.	Vendor to confirm.	
3.10	The MCB shall conform to IS:8828-1996 & IEC 608898 of 1995 and IEC 60947-2 for MCCB.	Vendor to confirm.	
4.0	Reference List/ Qualifying Conditions:		
4.1	Only those vendors who have supplied similar or higher capacity/ size equipment that is working satisfactorily for at least one year after commissioning should quote.	Vendor to confirm.	

4.2	Information about the customers to whom similar equipments have been supplied is to be submitted for qualification of the offer.	Vendor to confirm.			
5.0	Scope of Supply	Quantity			
5.1	8 way TPN distribution boards with 63 A, Triple pole MCB as outgoing, 250A, 4 pole MCCB as incomer. The TPN distribution board should be Phase Segregated and Separated between incomer and outgoings , suitable for surface mounting. The distribution boards conforming to the specification and features as furnished above.	12 nos.			