



ಭಾರತ್ ಹವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್
भारत हेवी इलेक्ट्रिकल्स लिमिटेड

PHONE : 080 - 25146145
E-MAIL : jyothishkv@bhel.in

Bharat Heavy Electricals Limit

(A Government of India Undertaking)

ELECTRONICS SYSTEMS DIVISION

P.B.No 10010, Plot No. 98, Electronics City Phase I,
Hosur Road, Bangalore - 560 100

Ref: BHEL/ESD/FS/WC/01/2020-21/01:01

Dt: 18.01.2021

Sub: Enquiry for calibration of relays and meters at BHEL-ESD, Electronics City, Bangalore

We are inviting quotations for calibration of relays and meters (details as per price bid format) at BHEL-ESD, Electronics City, Bangalore. Please submit your lowest offer for calibration of relays and meters in sealed envelope/email. The sealed envelope/email should reach before **2:00 PM** on **10.02.2021**. Tender opening will be at **2:15 PM** on the same day

This NIT has 2 parts

Part 1-Information part and Techno-Commercial bid(Page 3-4)

Part2-PriceBid(Page5-6)

Both part 1 and par 2 are to be submitted in separate envelopes

Offer for calibration of relays and meters at BHEL ESD shall be marked on the sealed envelope

Offer shall be dropped at

Tender Box kept at reception at the following address

**Bharat Heavy Electricals Limited
Electronics Systems Division,
Electronics City, Hosur Road,
Bangalore-100**

Payment Terms

100% payment after completion of work and certification by the user department

Scope of work

Testing and certification of meters and relays as per price bid format.

Thanking you,

Yours Sincerely,
For Bharat Heavy Electricals Ltd.


Jyothish KV
Dy.Manager/FS



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Information Part

SN	Particulars	To be filled by bidder
1.0	Name of the Contractor	
2.0	Address (Office)	
3.0	Address (Residence)	
4.0	Telephone No	
	Office	
	Residence	
	Mobile No.	
5.0	Email id.	



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Techno-commercial Bid(Essential Criteria)

1.0	PAN No. of Tenderer (Copy of the same to be enclosed)	Enclosed/Not enclosed
2.0	GSTIN (Copy of the same to be enclosed)	Enclosed/Not enclosed
3.0	If not registered under GST, undertaking to be submitted that contractor will register and furnish copy of certificate, before submitting the bill	Acceptable/ Not Acceptable
4.0	Taxes quoted in price Bid . Tick as applicable with %	IGST Or SGST + CGST Or UTGST + CGST
5.0	SAC Code	
6.0	Copy of Permit from Karnataka Electrical Inspectorate for carrying out Testing of relays and meters	Enclosed/Not Enclosed
7.0	EMD for Rs.1091/-	Submitted/Not Submitted
8.0	Security Deposit Clause	Acceptable/Not Acceptable

1. The Earnest Money Deposit shall be submitted along with Techno-Commercial bid and may be furnished in any of the following forms:

- (a) Pay Order / Demand Draft
- (b) SB Collect

2. SECURITY DEPOSIT

The successful tenderer shall deposit the Security deposit of 5% before start of the work. Security deposit may be furnished in any one of the following forms

- State Bank Collect
- Pay Order, Demand Draft in favour of BHEL
- Local Cheques of scheduled banks, subject to realization.
- Securities available from Post Offices such as National Savings Certificates, Kisan Vikas Patras etc. (Certificates should be held in the name of Contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back)



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- Bank Guarantee from scheduled Banks / Public Financial Institutions as defined in the Companies Act subject to a maximum of 50% of the total security deposit value. The balance 50% has to be remitted either by cash or in the other form of security. The Bank Guarantee format should have the approval of BHEL.
- Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of the contractor, A/C.BHEL, duly discharged on the back.

Security Deposit can also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of Security Deposit shall be deposited before start of the work and the balance 50% may be recovered from the running bills.

EMD of the successful tenderer shall be converted and adjusted against the security deposit.

The Security deposit shall not carry any interest.

NOTE: Acceptance of Security Deposit against Sl. No. (iv) and (vi) above will subject to hypothecation or endorsement on the document in favour of BHEL-EDN. However, BHEL will not be liable or responsible in any matter for the collection of interest or renewal of the documents or in any other matter connected therewith.



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Price Bid

Sl nO.	Description	Qty	Rate	Total
1	AC AMMETERS			
1.1	0 to 75A(Analog)	2		
1.2	0-300A(Analog)	1		
1.3	0-1600A(Analog)	1		
1.4	0-1200A(Analog)	1		
1.5	0-400A(Analog)	1		
1.6	0-250A(Analog)	2		
1.7	Conserv DM 3110(Digital)	1		
2	DC AMMETERS			
2.1	0-50A(Analog)	1		
3	AC VOLTMETERS			
3.1	0-15kV(Analog)	5		
3.2	0-500V(Analog)	2		
3.3	0-600V(Analog)	2		
3.4	Conzerv DM 3210(Digital)	1		
4	DC Voltmeters			
4.1	0-50V(Analog)	1		
5	MULTIFUNCTION METERS			
5.1	Conzerv EM6400	1		
5.2	Conzerv EM6436H	16		
5.3	SECRE SWIFT ELITE	3		
5.4	RISH Delta	7		
5.5	Portable Multimeter	1		
5.6	Tong Tester	2		
6	DIGITAL Energymeter			
6.1	Conzerv EM1200	2		
6.2	Conzerv DM5240	1		
7	Relays			
7.1	ELECTROMAGNETIC OVER CURRENT RELAY	8		
7.2	ELECTROMAGNETIC EARTH FAULT RELAYS	3		
7.3	ELECTROMAGNETIC UNDER VOLTAGE RELAYS	2		
7.4	ELECTROMAGNETIC REVERSE POWER RELAYS	2		
7.5	MICRO PROCESSOR BASED REVERSE POWER RELAY-	1		



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	PROK DV			
7.6	UNDER FREQUENCY RELAY	2		
7.7	CONTACT MULTIPLIER RELAY/HIGH SPEED LOCKOUT TRIPPING RELAY(AT VCB ROOM)- EASUN REYROLLE(TR231)	6		
7.8	NUMERICAL OC/EF Relay MAKE:SIEMENS:ARGUS 7SR12(AT VCB ROOM)	3		
7.9	AUTO VOLTAGE REGUALTION REALY, MAKE;EMCO	2		
7.10	TRAFO TROUBLE RELAY, MAKE;ABB(63TX/63TA-30A)	4		
7.11	NUMERICAL UNDER/OVER VOLTAGE & NEGATIVE PHASE SEQUENCE RELAY , MAKE:PROK DV'S MODEL:PNV-NSP	1		
7.12	MICROPROCESSOR BASED EARTH FAULT, SHORT TIME DELAY LONG TIME DELAY, INSTANTANEOUS CURRENT PROTECTION RELAY			
	C&S 1250A ACB	2		
	C&S 1000A ACB	1		
	ABB 2000A ACB	1		
	L&T 800A ACB	2		
	L&T 2000A ACB	4		
	L&T 1600A ACB	1		
	C&S 2000A ACB	2		
7.13	NUMERICAL O/C&E/F RELAY MAKE:L&T	2		
8	Earthtesters and Meggers			
8.1	Earth Tester	1		
8.2	Megger(1000V)	1		
8.3	Megger(500V)	1		
	Total			