



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

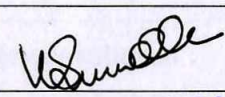
TIRUCHIRAPPALLI – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

ENQUIRY		Phone: +91 431 257 7421/7775	
NOTICE INVITING TENDER		Fax :431 257 6826	
		Email : vkarna@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	2631900056	11.11.2019	02.12.2019
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 Universal IC Programmer" as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site www.bhel.com and https://eprocure.gov.in/epublish/app)		01 No.
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 2 months from the date of purchase order. 4. Erection & Commissioning period required 1 week 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/epublish/app under Enquiry reference "2631900056". 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. KARUNAKARAN Dy. General Manager Capital Equipment / MM BHEL / Tiruchirappalli - 620 014	

Universal Micro-Controller Programmer, Qty – 01 nos.

Part A

Sl.No	BHEL REQUIREMENT	Bidder's Response
SECTION – 1: Qualifying Criteria		
The BIDDER has to compulsorily meet the Qualifying criteria indicated in SECTION 1 to get qualified otherwise the technical offer will not be considered.		
1.	BIDDER to provide the Profile of their Company including Number of Years of Experience of the BIDDER/ VENDOR in the field of design, manufacture and supply of “ Universal Micro-controller Programmer ”	
2.	Only those bidders (OEMs) should quote, who have supplied and commissioned at least five numbers of the High Voltage Tester in the last 3 years.	
3.	BHEL reserves the right to verify the information provided by Bidder. In case the information provided by Bidder is found to be false/ incorrect, the offer shall be rejected.	
SECTION – 2: Bidder to provide the following details		
4.	Bidder to furnish referral list of customers to whom Universal Micro-controller Programmer were supplied till date. The reference List of Customers to whom similar equipment has been supplied shall be accompanied with the details (Phone Number /E-Mail ID) of the CONTACT PERSON for cross reference by BHEL for performance verification.	
5.	Details of the International/ National Standards followed in design of the equipment.	
6.	Comprehensive Details on Performance Testing of the Equipment quoted and details of Quality System followed (Kindly furnish the salient aspects of the QA system followed).	
7.	Year of launch of the model quoted against this enquiry.	
8.	Details on SERVICE-AFTER-SALES Set-Up in India including the Addresses of Agents / Service Centers in India.	
9.	Any Additional Data to supplement the manufacturing capability of the BIDDER for the subject equipment.	
 K. SUDHARSAN, Senior Engineer, Controls & Instrumentation / FB, BHEL / Tiruchy - 620 014.		

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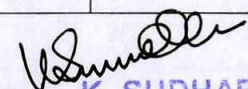
Sl.No	BHEL REQUIREMENT	Bidder's Response
SECTION – 3: Bidder to note		
10.	The BIDDER shall submit the offer in TWO PARTS-Technical with unpriced Commercial bid and Price Bid.	
11.	The offer shall contain a comparative statement of Technical Specifications given by BHEL and the offered details submitted by the Bidder, against each clause.	
12.	Merely stating 'CONFIRMED' or 'COMPLIES' or 'YES' or 'NO-DEVIATION' or similar words wherever 'Bidder to Specify' details in the technical comparative statement may lead to disqualification of the Technical Offer. Bidder to specify the actual specification of the offered model(s) line item wise.	
13.	The Technical Offer shall be supported by product Catalogues & Data Sheets and also technical details of Bought-Out-Items with copies of Product Catalogue & Selection Criteria. Kindly note that mere attachment of the catalog without filling the vendors' confirmation column of the technical specification shall not be considered as valid offer.	
14.	The Commercial Offer (given with the Technical Offer) shall contain the Scope of Supply and the Un-Priced Part of the Price-Bid.	
15.	The BIDDER / VENDOR shall assure a continuous support for SPARES and SERVICE for TEN Years, from the date of supply of the equipment at BHEL Works.	
16.	BIDDER has to indicate the Country of Origin for the supply of equipment.	


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Part B: Technical Specification

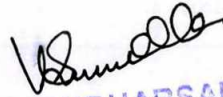
Sl. No.	BHEL's Specification/ Requirement		Bidder's Offer with technical details
1.0	Number of Socket	01 or more	
2.0	Socket Type	40-pin DIP ZIF socket	
2.1	Status	LEDs for displaying programming status "Good", "Busy", "Error"	
2.2	Acceptable Package Type	Package width from 300 to 600 mil (7.62 to 15.24 mm) and the number of leads up to 40 without additional adapters.	
3.0	Connectivity	Links to a PC USB 2.0/3.0 compatible port	
4.0	Push Button	Button for fast manual launch of single or batch operations.	
4.1	Menu Commands Required	Blank Check, Erase, Read, Write, Verify, Lock, Set Configuration Bits, Data Memory Support.	
5.0	Software	Software to allow adding new targets to the device list by a simple software update.	
6.0	Identification of Target Device	Programmers' hardware shall automatically adjusts generated analog signals in accordance to target device specifications.	
6.1	"Bad Contact" Checking	The programmers' hardware to check if every pin of the target device is reliably fixed by a ZIF socket's contacts.	
7.0	Over Current Checking	The programmers' hardware to protect itself and the target device against incorrect insertions and other issues that cause a sharp increase in the currents though the target device circuits.	
8.0	Electro Static Discharge Protection	The target device's pins are to be protected against the electrostatic discharge.	
9.0	Self-Test	The self-testing procedure shall be automatically executes at any time the programmer is powered on.	


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10.0	Required Accessories	a) One power adapter b) One USB link cable c) One CD with the associated software d) Programming adapters Type [AE-P44-i51-Z or equivalent]	
11.0	Compatibility Operating Systems	The Programmer software shall work with Windows XP, 7 (32- and 64-bit), 8, 10 operating systems.	
12.0	Type of Control	User Friendly and intuitive Graphic User Interface (GUI) / Command Line control	
13.0	Auto Programming Mode	Optional	
14.0	Calibration Quotation AMC	Quote Optionally	
15.0	Installation & commissioning	Vendor to Commission and Demonstrate the operation	
15.1	User Personnel training	At user premises – 1day	
16.0	Safety Certification	Instrument to comply to standard certification	
17.0	Test Certificate	Test certificate to be furnished along with the instrument	
18.0	Warranty Clause	12 months from the date of commissioning or 18 months from the date of delivery whichever is earliest	

* Vendor confirmation must be clearly spelt out with data. Yes/No answers will be treated as disqualified.


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