

View Tender

[Go back](#)

Basic details

Unit name	:	BHEL Trichy	Enquiry date	:	23/05/2018 05:30:00
Purchase group	:	FB Cons-Non PRDN (200)	RFQ/NIT/Enquiry Officer	:	SB RAJESH KUMMAR
Event ID	:	1832	RFQ/NIT/Enquiry no.	:	2001800097
Tender Description	:	Supply of DC Power Supply, Function Generator, Multimeter with T/C & Oscilloscope probe			
Terms & Conditions	:	Please refer attached Annexure-A for the terms and conditions of this tender.			
Product / service / work keywords	:	Lab Accessories,			
No. of Bid Parts	:	Multiple	Envelope	:	Techno-commercial bid , Price bid
Type of contract	:	Goods	Project duration / delivery or completion period	:	45 days
Download document	:	Before login			
No. of items already attached	:	4	Delivery/Location At	:	BHEL Trichy Stores

Bid submission configuration

Base currency	:	INR
Bidding type	:	NCB/Indigenous

Key configuration

Pre-bid meeting	:	Don't allow
-----------------	---	-------------

Dates configuration

Document downloading start date	:	24/05/2018 08:22:00	Document downloading end date	:	06/06/2018 14:00:00
Bid submission start date	:	24/05/2018 08:22:00	Bid submission end date	:	06/06/2018 14:00:00
Bid opening date	:	06/06/2018 14:30:00			

Document / EMD / Security fee detail

Document fees	:	Not required	EMD	:	Not required
---------------	---	--------------	-----	---	--------------

Documents

Sr. No.	Document name	Document brief	Size (in MB)	Date and time	Status	Action
1	List of Items.pdf	LIST OF ITEMS COVERED IN THIS ENQUIRY	0.006	24/05/2018 08:17:54	Approved	Download
2	TECHNICAL SPECIFICATION.pdf	TECHNICAL SPECIFICATION	0.199	23/05/2018 17:48:41	Approved	Download
3	Terms and Conditions with all formats.pdf	Annexure A	0.346	23/05/2018 17:48:13	Approved	Download

Information for Online Participation

Bidder who wish to participate in this tender needs to procure Digital Certificate as per Information Technology Act-2000 using that they can digitally sign their electronic bids. Bidders can procure the same from any or the CCA approved certifying agencies, or they may contact **e-Procurement Technologies Ltd.** at below mentioned address and they will assist them in procuring the same. Bidders who already have a valid digital Certificate need not to procure the same. In case bidders need any clarification regarding online participation, they can contact,

[e-Procurement Technologies Ltd.](#)

Corporate Office:

Address : A-201/208, Wall Street – 2, Opp. Orient Club,
Nr. Gujarat College, Ellis Bridge,
Ahmedabad – 380006, Gujarat(INDIA)

Digital Certificate Contacts

Contact Person : Mr. Himalay Vaishnav
Cell : +91-9099090830
Phone Nos. : +91-9099090830
Fax No :
e-Mail : info@abcProcure.com

Support Team Contacts

Contact Person : BHEL Support Team Ahmedabad
Cell : +91-79-40270590
Phone Nos. : +91-79-40270599/508/560/590/513
Fax No :
e-Mail : Bhel.Support@abcProcure.com

Bidder who wish to participate in e-Tender need to fill data in predefined forms of Price bid available in respective tender only. After filling data in predefined forms bidders need to click on final submission link to submit their encrypted bid. Bidder need to submit Document Fees, EMD & Reference Documents in hard copy if such instruction are given by tendering authority. As Per the new Inter-operability guidelines released by Controller of Certifying Authorities (CCA), the Secured Socket Layer (SSL) certificate for a e-procurement application is generated on a new algorithm, SHA2.

Also, the Digital Certificates that will be applicable for these platforms have to be SHA2 algorithm complaint. For the same, the users have to ensure that they have Windows XP (SP3)/Windows Vista/Windows 7 installed in their respective PC/Laptop. In case of Windows XP Service pack - 3, if you get any issue you can install the SSL patch, which is available at our download section of our e-Tender/e-Auction Portal and also at our corporate website www.abcprocure.com just below the label of "Knowledge section".

[Go back](#)

This site is best viewed at a minimum screen resolution of 1366 X 768

[Terms and Conditions](#) | [Privacy Policy](#)

Website Designed & Maintained By e-Procurement Technologies Ltd | Version 2.0.1

LIST OF ITEMS COVERED IN THIS ENQUIRY			
SI .No.	MATERIAL DESCRIPTION	QUANTITY	Unit of Measurement
10	DC power Supply as per attached Technical Specification.	1	Number
20	Rugged function generator as per attached Technical Specification.	1	Number
30	Multimeter with Thermocouple as per attached Technical Specification.	1	Number
40	OSCILLOSCOPE PROBE as per attached Technical Specification.	4	Set

A. Specification for DC power Supply

Sl. No.	Description	Requirement	Vendor's Confirmation (Yes/No)
1	Product Category	Benchtop Power Supplies	
2	Product	DC Power Supplies 1671A or equivalent,	
3	Type	Fixed and Variable	
4	Input Voltage	115 VAC, 230 VAC Selectable	
5	Number of Outputs	3 Output	
6	Output Voltage/Current -Channel 1:	0 VDC to 30 VDC [Variable] / 0-5A	
7	Output Voltage/Current -Channel 2:	12 VDC [Fixed] / 0-500mA	
8	Output Voltage/Current -Channel 3:	5 VDC [Fixed] / 0-500mA	
9	Display Type:	LCD, Dual 3 Digit	
10	Quoted model shall meet the specification equivalent or superior to the aforesaid requirement.		

B. Specification for Multimeter with Thermocouple

Sl. No.	Description	Requirement	Vendor's Confirmation (Yes/No)
1	Product Category	Digital Multimeters	
2	Product	Multimeters 2706B or equivalent.	
3	Type	Hand Held, Thermometer	
4	Accuracy	1%	
5	Number of Digits	3 1/2 Digit LCD	
6	Voltage Range	200 mVDC to 1000 VDC, 200 mVAC to 750 VAC	
7	Resistance Range	200 Ohms to 20 Mohms	
8	Capacitance Range	200 uF to 20 Mf	
9	Display Count	2000	
10	Frequency	10 Hz to 40 kHz	
11	Ranging	Manual	

12	True RMS	RMS	
13	Thermocouple Measurement	Required [K-Type]	
14	Backlight	Required	
15	Probes	2 sets required.	
16	Thermocouple	Bead Probe, Standard, -50 to 200 C - TP29 or equivalent	
17	Quoted model shall meet the specification equivalent or superior to the aforesaid requirement.		

C. SPECIFICATION FOR OSCILLOSCOPE PROBE

Sl. No.	Description	Requirement	Vendor's Confirmation (Yes/No)
1	Product Category	Test Probes	
2	Equipment Type	Oscilloscope Probes	
3	Bandwidth	0 - 60 MHz	
4	Color	No preference	
5	Voltage Rating	600 V or More	
6	Probes feature	x1/x10 Inclusive Full set of clips and accessories.	
7	Input impedance	1Mohm in x1 mode and 10Mohm in x10 mode	
8	Quoted model shall meet the specification equivalent or superior to the aforesaid requirements.		

PTO

D. Specification for Rugged function generator

Sl. No.	Requirement	Vendor's Confirmation (Yes/No)
1	Dual Channel Function/Arbitrary Waveform Generators are capable of generating stable and precise sine, square, triangle, pulse, and arbitrary waveforms.	
2	easy-to-read color displays and an intuitive user interface with numeric keypad, features including linear/logarithmic sweep, built-in counter, extensive modulation and triggering capabilities, a continuously variable DC offset, 14-bit, 125 MSa/s arbitrary waveform generator.	
3	The main output voltage can be varied from 0 to 10 Vpp into 50 ohms (up to 20 Vpp into open circuit) and the secondary output can be varied from 0 to 3 Vpp into 50 ohms (up to 6 Vpp into open circuit).	
4	14-bit, 125 MSa/s, 16k point arbitrary waveform generator	
5	Large 3.5-inch LCD color display with waveform preview	
6	Linear and logarithmic sweep	
7	AM/DSB-AM/ASK/FM/FSK/PM/PWM modulation functions	
8	Variable DC offset	
9	Adjustable duty cycle	
10	Two independent channels with individual output On/Off buttons	
11	Internal/external triggering	
12	Gate and burst mode	
13	48 built-in predefined arbitrary waveforms	
14	Store/recall up to 10 instrument settings and 10 arbitrary waveforms	
15	Built-in counter	
16	USB device port (USBTMC-compliant) with front panel USB host port	
17	GPIB connectivity with optional USB-to-GPIB adapter (model AK40G)	
18	SCPI-compliant command set	
19	Short circuit protection on outputs	
20	LabVIEW drivers available	
21	Product: Function generator 4052 or equivalent.	
22	Quoted model shall meet the specification equivalent or superior to the aforesaid requirement.	



Annexure A

QUOTATIONS:

1.

a. Interested bidders / Suppliers shall submit their offer through e-Procurement mode at <https://bhel.abcpocure.com>. Offers in any other mode will not be accepted. For Enterprise Procurement System (EPS) Bidders/Suppliers are requested to follow these steps.

REQUIREMENTS

1. Computer with good Internet Connection (Minimum 256 kbps).
2. Operating System should be Windows Vista / Windows 7 and above.
3. Web Browsers: IE 9.0 (32-bit Browser only) & above, Mozilla Firefox up to version 51 (32 bit / 64 bit), Google Chrome 20.0 to 41.0
4. System Access with Administrator Rights
5. Digital Certificate: To participate in an e-Tender, you need to have a Class-II/III Digital Signature Certificate (DSC) for Signing & Encryption (Required both digital signature certificate: Signing & Encryption) of bids issued by any of the valid Certifying Authorities (approved by Controller of Certifying Authorities) in India. Valid Digital Signature Certificate (DSC) must be installed in a computer system from where you want to access the website.

Steps for registration & bidding:

For registration & submitting bids, vendors shall follow the link "Bidder manual for BHEL Bidders" in <https://bhel.abcpocure.com>.

In case of any assistance, please call the following Nos for support:

Contact: +91-79-40270549/560/590

General Conditions:

- a. Bidders are requested to quote their offer price on F.O.R Destination (BHEL/Stores) basis only (The basic price of the material quoted in the bid should be inclusive of Packing, Forwarding, freight and transit insurance, etc.,). Ex-works offers will be summarily rejected without further clarification.
 - b. No charges shall be indicated as "Lumpsum" or "Approximate" in absolute value. All charges like taxes and duties should be clearly specified as "percentage" of the quoted rates.
 - c. Manufacturer's name, trademark or patent no. if any should be specified. Illustrative leaflets giving technical particulars are required along with quotation wherever necessary.
 - d. Products with I.S.I. certification marks will be preferred.
 - e. The Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept in Part or full without assigning any reason whatsoever.
 - f. The bidder has to keep track of any changes by viewing the addendum / Corrigendum's issued by the Purchaser on time-to- time basis in the E-Procurement platform. The Company calling for tenders shall not be responsible for any claims/problems arising out of this.
 - g. The user should complete all the processes and steps required for bid submission. The successful bid submission can be ascertained once acknowledgement is given by the system through bid submission number after completing all the processes and steps. BHEL and M/s. e-Procurement Technologies limited. will not be responsible for incomplete bid submission by users. Users may also note that the incomplete bids will not be saved by the system and are not available for the Purchaser for processing.
 - h. Before uploading scanned documents if any, the bidders shall sign on all the statements, documents, certificates uploaded by him, owning responsibility for their correctness / authenticity.
2. Offers should have a validity of minimum 90 days from the date of Tender opening. The quoted/Finalized rates shall be Firm till completion of the supplies including amendment / deviation / extension if any in quantity / date.
3. On the due date of tender opening, only technical bids will be opened. The opened technical bids will be evaluated by us and clarifications required, if any, will be called for from the bidders on technical and commercial points. If no reply is received from the vendor for the clarification raised by BHEL with in the final cut-off date those vendors offer will be processed with the documents available / submitted against

this tender. Offers not meeting the required specification and technical condition will be summarily rejected. The price bids of technically suitable bidders will be opened on a later date with prior intimation to techno-commercially suitable bidders.

4. Ranking L-1, L-2 etc. shall be done for individual items for the techno-commercially acceptable offers on landed cost to BHEL, Trichy basis and BHEL reserves the right to place order for individual items with different vendors. In the event of more than one vendor becoming L1 for the item, the enquiry quantity will be shared equally among all the L1 vendors.

5. BHEL reserves the right to negotiate with L1 vendor or re-float the tender for items where, L1 price is not the lowest acceptable price; BHEL reserves the right to increase or decrease the tender quantity.

6. TERMS OF PAYMENT: (Indigenous)

Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.

Any deviation in the above payment term will attract loading as mentioned below.

“Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.

NOTE: 100% payment against dispatch document through bank / 90% payment against through document through bank + 10% payment after acceptance of materials / Cheque payment / payment against proforma invoice / advance payment / current cheque or post-dated cheque along with purchase order will not be accepted and those offers will not be considered.

7. LD clause & Risk purchase clause are applicable.

(Any deviations in the LD shall attract loading to the extent of relaxation sought to which it is not agreed by the bidder at offered value).

Single delivery schedule:

If the Supplier fails to deliver the P.O quantity within the period specified in the contract, then the Purchaser shall deduct liquidated damages, 0.5% of the total order value per week of delay or part thereof subject to a maximum of 10% of the total order value.

Liquidated Damages (LD): (Any deviations shall attract loading to the extent of relaxation sought to which it is not agreed by the bidder at offered value).

RISK PURCHASE: Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitutes therefor. The supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in LD clause above.

8. **GST:** For supplies after implementation of GST i.e. after 30.06.2017, the following conditions will apply and supplier shall fully comply to the below points.

Indigenous suppliers:

a. Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration no which should clearly mentioned in the offer. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer..

b. Supplier shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.

c. All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).

d. A declaration to the effect that all invoice particulars are/were uploaded in the GSTN network/ portal & all tax liability as per GST rules and regulations have been and will be discharged, shall be mentioned in the invoice. If not mentioned in the invoice, a separate declaration shall be submitted as per the requirement of BHEL.

- e. All documents like Mill Test Certificate, LR copy, Guarantee/Warranty certificate, work completion certificate, any other document mentioned in PO, shall be sent along with the vehicle/consignment. For all consignments received within the calendar month, input credit will be availed within that month in line with monthly returns filing cycle. In case of any discrepancy in the document or non-submission of documents mentioned in the PO, then BHEL will not be able to accept or account the material, in such case availing of tax credit will be deferred to next month or so.
- f. In case of discrepancy in the data uploaded by supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal) for the shortages or rejections in the suppliers, within the calendar month notified by BHEL.
- g. For any such delay in availing of tax credit for reasons attributable to supplier (as mentioned above), interest (calculated @ SBI Base Rate + 6%) alongwith penalty if any will be deducted for the delayed period i.e. from the month of receipt till the month tax credit is availed, from the running bills.
- h. Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers / contractors. Hence applicable GST shall also be recoverable from suppliers/contractors on LD amount. For this Debit note will be issued by BHEL indicating the respective supply invoice number.
- 9. PACKING AND MARKING:** The supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.
- 10.** Conditional offers are likely to be rejected.
- 11.** The correspondences between the bidder and BHEL through email are considered as valid document legally though not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties.
- 12.** Disclaimer Clause: Neither the Organization (Bharat Heavy Electricals Ltd.) nor the service provider (M/s. e-Procurement Technologies limited.) is responsible for any failure of submission of bids due to failure of internet or other connectivity problems or reasons thereof.
- 13.** Bidders participating in the tender should declare in their technical bid whether they have been black-listed / kept on hold / given Business holiday for a specified period by any Public Sector Undertaking or Government Departments. The reasons for such action with details and the current status of such hold shall be clearly furnished to BHEL. If no such details are mentioned in the offer, it will be construed that the bidder is not under any such hold. However, at a later date if it comes to the notice of BHEL about any such hold under enforcement, BHEL reserves the right to reject the offer at any point of time and also under any stage of the finalization of the tender. Such bidders will not be permitted to participate in the further tender proceedings and will be communicated suitably.
- 14.** BHEL reserves the right to negotiate or re-float the enquiry opened if L1 price is not the lowest acceptable price to them inter-alia other reasons.
- 15.** In case of any quality rejection of materials, the supplier has to collect the materials at his own cost within the 10 days of rejection of advice. Otherwise the materials will be scrapped
- 16.** Unloading at BHEL has to be done by the suppliers and BHEL will not be in a position to provide any handling / unloading facilities.
- 17.** Bidders not confirming to the enquiry specifications will be disqualified.
- 18.** If Guarantee / Warranty period is applicable as per tender specification, No deviation permitted and deviated offers are liable for rejection.
- 19.** IMPORTANT NOTE: BHEL WILL CONSIDER THE RANKING AFTER THE LOADING IS APPLIED AS REFERRED ABOVE WHEREVER DEVIATIONS ARE OBSERVED.
- 20.** No revision of prices will be entertained at any circumstances after tenders are opened.

21. The Tender Due date falling on public holiday due to any circumstances, the tender will be opened on next working day.

22. Vendors currently not register with BHEL Trichy & wish to participate to in this tender should furnish the following documentary proof / information along with technical bid.

- a) Copy of Registration certificate.
- b) PAN Card (Copy to be submitted).
- c) Banker's Information with copy of Bank Pass Book first Page.
- d) MSE registration along with NSIC/SSI Certificate, (If applicable)
- e) Complete postal address of the company with Pin Code.
- f) Contact Person /s, Phone No, Mobile No, FAX No, Email ID etc.
- g) Copy of statutory document – GST REGISTRATION.
- h) Copy Purchase Order & Experience certification as proof of supply of similar item to any Govt. Agencies / PSU / Organizations.
- i) Balance Sheet for last three financial years along with audit report is to be submitted.
- j) Partnership Deed if applicable.

23. For verification of data submitted towards evaluation of bidder's capability, BHEL may decide to visit the bidder(s) works. Any fact found deviating from submitted data shall make the bidder liable to be disqualified.

24. Delivery goods/ items should be securely and suitably packed to avoid transit damages.

25. Any communication / clarification regarding the tender shall be sent to the following

***E-mail: pgavictor@bhel.in
Phone no. 0431-2577645***