

INTER - UNIVERSITY ACCELERATOR CENTRE

(An Autonomous Centre of UGC)
Aruna Asaf Ali Marg, New Delhi - 110067

NOTICE INVITING E - TENDER

Tender Number: IUAC/NIT/37/CP/2019-20

Dated : 27/08/2019

Inter - University Accelerator Centre (IUAC) invites online bids through e-procurement Portal under two bid system, viz., Technical and Financial bids, from eligible / experienced parties for the work/supply of " **0-10KV insulation tester at IUAC** ".

Tender Documents may be downloaded from Central Public Procurement (CPP) Portal <https://eprocure.gov.in/eprocure/app> and www.iuac.res.in

Aspiring Bidders who have not enrolled / registered in e-procurement portal should enroll/register before participating through the website <https://eprocure.gov.in/eprocure/app>.

Bids should be submitted online only at website: <https://eprocure.gov.in/eprocure/app>. Tenderers / Contractors / Bidders are advised to follow the instructions provided in the e-procurement portal. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned documents.

Only bids received through e-procurement portal will be considered for opening.

Bids not covering full scope of work/supply of the products/goods will be rejected and only complete bids will be considered.

IUAC reserves the right to accept / reject any / all tenders in part / full without assigning any reasons whatsoever, and the decision of IUAC in this regard will be binding on all the bidders.

Bidders have to select the payment option as " **offline** " to pay the tender fee / EMD as applicable. The Earnest Money Deposit (EMD) shall be in the form of demand draft issued in favour of " **Inter University Accelerator Centre, New Delhi** " and it should be deposited at IUAC before the bid opening. Bidders registered with MSME / NSIC and foreign bidders quoting directly are exempted from payments of EMD and tender fee. Copy of valid registration certificate should be uploaded in the website <https://eprocure.gov.in/eprocure/app>.

Bidders are advised to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled and submit online without modifying the format. **If the BOQ file is found to be modified by the bidder, the bid will be rejected.**

Any Corrigendum / Amendments in respect of above tender shall be issued on IUAC website www.iuac.res.in and the website <https://eprocure.gov.in> only. Bidders should take into account any corrigendum published on the tender document before submitting their bids.

Prequalification of the bidder

Only Original Equipment Manufacturer (OEM) or their authorized sales representatives are eligible to quote. The authorized representatives shall have to submit the certificate of authorization from the OEM along with the BID. The supplier must have supplied " **0-10KV insulation tester** " to

institutions/organizations/ research laboratories in India. The supplier must provide user list along with the copy of few previous orders along with the technical bid.

E - TENDER DOCUMENT

Name of Work / Supply	0-10 KV Insulation tester
Tender Number	IUAC/NIT/37/CP/2019-20
Tender Value / Estimate	Rs. 5,00,000/-
Earnest Money Deposit	Rs. 10,000/- in the form of D.D.
Tender fee	Rs. 590/- in the form of D.D.
Bid Submission End Date and Time	24/09/2019 at 03:00 P.M.
Technical Bid Opening Date (Part - A)	25/09/2019 at 03:30 P.M.
Price Bid Opening Date (Part - B)	To be intimated later on to the technically qualified bidders
Address for submission of Tenders	M. B. Joseph Administrative Officer (S&P) Inter University Accelerator Centre ArunaAsaf Ali Marg New Delhi - 110067 E-mail: joseph@iuac.res.in Phone: 011-24126018 & 24126022
Place of opening of the Tender	Committee Room / Council Room, IUAC

General Terms and Conditions of the Tender :

1) Submission of Tender :

Tenders should be uploaded on CPP Portal in two parts, i.e., Technical Bid (Part - A) and Price Bid / BOQ (Part - B).

2) Technical Bid (Part - A) :

In this bid, the bidder should upload the following documents required for technical qualifications.

(a) No deviations in respect of NIT conditions are acceptable. The bidders are required to upload the scanned copies of entire NIT (except for the price bid part), duly signed & stamped as a token of acceptance of the NIT conditions, with this bid.

(b) Copies of Successfully executed similar work orders (minimum two orders of value not less than Rs. 4 lakhs) for reputed laboratories / institutes in India / abroad during the last five years.

(c) Catalogues and other technical specifications of the products indicating its ability to meet the technical specifications as per **Annexure - A**.

(c) The vendor should confirm that there is authorized service support in India for the quoted items. Detailed address and authorization certificated for service support should also be attached in the bid.

Technical bids which are not confirming to the technical specifications will be disqualified.

3) Price Bid / BOQ (Part - B) : In this bid, the bidder is required to quote his unconditional basic rates excluding taxes (GST) in the standard BOQ format provided. IUAC is exempted from Custom Duties and GST. Appropriate exemption certificates will be issued. Bidders are advised to quote all items in the BOQ. Incomplete quotes will be

rejected. Price bid must be in **Indian rupees**. Bidder must include additional government duties/charges, Cartage charges etc (if any).

4) **Validity of Tender** :

Tender shall be valid for our acceptance without any change in the rates and NIT conditions for a period of 90 days from the date of opening the price bid. No escalation of cost will be acceptable in any condition after opening of tender.

5) **Escalation / Deviation** :

No escalation or deviation shall be allowed till execution of order / contract.

6) **Terms of Payment** : Payment will be released on complete delivery of goods at IUAC and its certification by the personnel concerned.

7) **Delivery Period:**

The material should be delivered within 60 days from the date of placement of purchase order. In case of delay, Liquidity damage @1% per week or part thereof will be deducted subject to a maximum of 10% of order value.

8) **Correspondence** :

All the correspondence in respect of tender / contractual obligation shall be made to
The Administrative Officer (S&P), Inter University Accelerator Centre, ArunaAsaf Ali Marg,
New Delhi - 110067. E-mail: joseph@iuac.res.in, Phone: +91-11-24126018, 24126022.

9) **Tender Rejection** :

- (a) IUAC reserves the right to accept/reject any/all tenders in part/full without assigning any reason whatsoever and the decision of the IUAC in this regard will be binding on all the bidders.
- (b) Bids received by means other than e - procurement portal will be rejected.
- (c) Bids of some part of the product will be rejected.
- (d) If BOQ file is found to be modified by the bidder, the bid will be rejected.
- (e) Bids received after tender [Technical Bid (Part-A)] opening date will be rejected.
- (f) Tenders not complying with any of the provisions stated in this tender document are liable to be rejected.
- (g) If the General Terms and conditions are not accepted and not signed by the bidders, then the tender will be rejected.

10) The contract shall be governed by the Indian Laws. Any dispute arising out of this contract will be subjected to jurisdiction of New Delhi / Delhi.

Accepted
(Signature of Bidder)

Annexure - A

Description of the item : **0-10 KV Insulation tester**

Item No	Description	Qty
1	0-10 KV Insulation tester	1

Technical Specifications for 0-10 KV Insulation tester:

Measuring Range	0 TO 20 TΩ OR ABOVE(AUTO RANGING & DIGITAL)
Test Voltage Ranges (DC)	500 V, 1000 V, 2500 V, 5000 V, 10000 V User defined test voltage: 100 V to 10 kV in steps of 25 V or Less
Maximum Test Voltage	10kV
Charging Current Range	3mA
Leakage Current Measurement Range	0.01nA to 6mA
Voltage AC/DC Range	30 V to 660 V ac or dc, 50/60 Hz
Accuracy	±5% to 2 T ohms, ±20% to 20 T ohms
Test leads and accessories	Two complete set of screened cables each of 3m-5 m with suitable clamps and connectors, compatible with instruments should be provided for successfully carrying out the test at IUAC. Additionally all the required accessories should be provided for smooth functioning of the instrument. Further hard carrying case (which should be robust/rugged enough) for ensuring proper safety of the kit during transportation shall have to be provided.

General

Power Supply	210-250 V rms, 50Hz
Protection Classification	Meets the requirements of IEC 61010-1, CATIV 600 V
Degree of Protection	IP65 (lid closed), IP40 (lid open)

Visual and Sound Warnings	Yes
Display	LCD display with automatic backlight
Working Temperature Range	up to 50 °C
Storage Temperature Range	up to 50 °C
Maximum Humidity	90% RH non-condensing at 40 °C
Communication	Download of saved results and logs via 10 kV isolated USB cable
Interference Suppression Capability	1 mA per 600 V upto a maximum of 3 mA
Battery back up	At least 4 hours or more for continuous testing at 10KV
Guaranty	Warranty/Guaranty Period: Min 02 year from the date successful and complete commissioning at IUAC. All the materials, including accessories, cables etc. are to be covered under warranty/Guaranty period if the kit needs to be shifted to supplier's work for repairs within warranty/guaranty period, suppliers will have to bear the cost of spares, software, and transportation of kit for repair.
Calibration Certificate	Unit shall be duly calibrated before supply and the date of calibration shall not be older than two month from the date of supply of Kit.
Demo	The equipment should be user friendly and supplier should give the detailed demonstration at IUAC.
After Sales Service	Bidder will have to submit the documentary evidence of having established mechanism in india for prompt after sale services.
Approved make	Megger,Fluke,Sonel Poland

Note:

- A suitable calibrator should be provided with the equipment.
- The instrument should perform automatic tests and measure Insulation Resistance.
- Instrument should display direct reading of voltage across the test piece.
- The tester shall be suitable for D.C. battery operation and AC mains Operation. The D.C. batteries should be rechargeable with the 220-240 Volts A.C supply. The necessary accessories for this purpose shall be supplied by contractor. The ratings of D.C. batteries shall be indicated in the offer. Back up time should be included.
- Suitable port and software if any for download of digital data to a computer and directly to the printer should be possible. Real Time down load to computer should be possible.
- The instrument should have memory function with time, date stamp.
- Instrument should have high voltage warning display when input voltage across the terminal is above 50V.
- Guard: 2% error guarding 500 k Ω leakages with 100 M Ω load.
- Weight should be less than 6kg.
- Hard case cover should be included.
- USB cable and software should be included.

Name & Signature of Tenderer

Company with Seal

Annexure - B

(Price should be quoted in the standard BOQ format of this tender)

Sr. NO.	DESCRIPTION	QUANTITY
1.	0-10 KV Insulation tester	1

Name & Signature of Tenderer

Company with Seal