

# **INTER - UNIVERSITY ACCELERATOR CENTRE**

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

## **NOTICE INVITING E - TENDER**

**Tender No: IUAC/NIT/30/AP/2018-19**

**Dated : 08/02/2019**

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 "***RF / Microwave power meter, average power sensor and peak power sensor to be used for High Power RF system in FEL project at IUAC***".

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

Aspiring Bidders who have not enrolled / registered in e-procurement portal should enrol / 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.

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 in IUAC before the bid opening. Bidders registered with MSME / NSIC and foreign bidders quoting directly are exempted from payments of EMD and tender fee (if any). Copy of valid registration certificate should be uploaded in the portal.

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](http://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**

The bidders must be a reputed company / firm / manufacturer or supplier, who have supplied RF / Microwave components / devices to institutions and 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	RF / Microwave power meter, average power sensor and peak power sensor to be used for High Power RF system in FEL Project at IUAC
Tender Number	IUAC/NIT/30/AP/2018-19
Tender Value / Estimate	USD 20000.00 (Rs. 13,77,000/-)
Earnest Money Deposit	Rs. 28,000/-
Bid Submission End Date and Time	28/02/2019 at 3:00 P.M.
Technical Bid Opening Date (Part - A)	01/03/ 2019 at 3:30 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 Aruna Asaf Ali Marg, New Delhi - 110067 E-mail: joseph@iuac.res.in Phone: 9868827912
Place of opening of the Tender	Committee Room / Council Room , IUAC
Tender Document Fee	Rs. 500/-

### **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. 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 to the NIT conditions with this bid.

(a) Documents showing the company profile, organizational setup, credentials and copies of successfully executed work orders for reputed laboratories / institutes in India / abroad during the last five years. If the identical or similar equipments / products have been supplied to the other laboratories / institutes in India / abroad, the details of such supplies for the last five years must be given together with prices.

(b) Drawings, test results, catalogues and other technical specifications of the products indicating its ability to meet the technical specifications as per **Annexure - A**.

(c) Details of After Sales Service / Technical support available in India.

(d) Obsolete materials must not be supplied. A certificate for this must be submitted.

**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 the rates on FOB basis of item along with the break up as provided in **Annexure - B** . The bidders should upload the scanned copy of the BOQ. The bidder should quote unconditional rates, neatly written without any overwriting and duly signed & stamped on all pages. The bidder may have to provide a certificate with the price bid mentioning that the price quoted by them is not higher than that the price quoted by them to other laboratories/institutes in India / abroad for similar product during last year.

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 :**

***For Import:*** Letter of Credit will be opened for 100 % of FOB value after receipt of acceptance of order from successful bidder. 100% payment will be made through Letter of Credit against complete shipping of materials/goods followed by submission of complete shipping documents. Sight draft can also be made on vendor's request.

***For Indigenous Supply:*** 100 % payment after the delivery at IUAC and its certification.

7) **Delivery Period:**

90 days from the date of opening of LC for imports and date of placement of purchase order for indigenous supply.

8) **Correspondence :**

All the correspondence in respect of tender / contractual obligation shall be made to  
The Administrative Officer (S&P), Inter University Accelerator Centre, Aruna Asaf 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) Complete bids will be considered. 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

### Technical Specifications :

<b>Products</b>	<b>Specifications</b>	<b>Required values</b>	<b>Offered Values</b>
<b>RF / Microwave Power Meter</b>	Frequency Range	30 MHz to 40 GHz	
	Dynamic Range	-70 dBm to +45 dBm	
	Rise Time	< 20 ns	
	Video Band Width	30 MHz to 50 MHz	
	Calibration Factor	< 2 %	
	Linearity Uncertainty	< 2 %	
	Noise Uncertainty	< 0.25 %	
	Temperature Uncertainty	< 0.1 %	
	Impedance Matching	< 1.4	
	USB Compatibility	YES	
	Calibration Kit	Required	
	Compatible with both peak power sensor and average power sensor and company must be same as that of the Sensors	YES	
	Software support	YES	
Sample Head	YES		
Head extension cable	1.5m to 3.0m		
<b>RF / Microwave Average Power Sensor</b>	Frequency Range	50 MHz to 18 GHz	
	Dynamic Range	-60 dBm to +20 dBm	
	Damage Level	+23dBm (200mW)	
	Rise Time	< 20 ns	
	Video Band Width	30 MHz to 50 MHz	
	Calibration Factor	< 2 %	
	Linearity Uncertainty	< 2 %	
	Noise Uncertainty	< 0.25 %	
	Temperature Uncertainty	< 0.1 %	
	Impedance Matching	< 1.4	
	USB Compatibility	YES, additional feature	
<b>RF / Microwave Peak Power Sensor</b>	Frequency Range	50 MHz to 18 GHz	
	Dynamic Range	-40 dBm to +20 dBm	
	Damage Level	+26dBm (400mW)	
	Rise Time	< 20 ns	
	Video Band Width	30 MHz to 50 MHz	
	Calibration Factor	< 2 %	
	Linearity Uncertainty	< 2 %	
	Noise Uncertainty	< 0.25 %	
	Temperature Uncertainty	< 0.1 %	
	Impedance Matching	< 1.4	
	USB Compatibility	YES, additional feature	

Name & Signature of Tenderer  
Company with Seal

**ANNEXURE-B**

**BOQ/PRICE BID**

**(Price shall be quoted in the BOQ /Price Bid section only, which is given separately)**

Tender Inviting Authority: INTER UNIVERSITY ACCELERATOR CENTRE

Name of Work/Supply : SUPPLY OF RF / MICROWAVE POWER METER, AVERAGE POWER SENSOR AND PEAK POWER SENSOR TO BE USED FOR HIGH POWER RF SYSTEM AT IUAC

Tender Number : IUAC/NIT/30/AP/2018-19

Name of Bidder : \_\_\_\_\_

Sl #	Description	Quantity Required	Unit Price	Currency [USD/EURO / GBP/INR]	Total Price
1	RF/Microwave Power Meter	01			
2	RF/Microwave average power sensor	01			
3	RF/Microwave peak power sensor	01			
4	Packing and forwarding charges (if any)				
5	FOB charges (if any)				
6	Any other charges other than above				
TOTAL FOB PRICE					

Name & Signature of Tenderer

Company with Seal