

**Indian Institute of Information Technology,  
Design and Manufacturing, Kurnool  
Jagannathagattu, Dinnidevarapadu, Kurnool.**

(An Institute of National Importance Funded By Ministry of Human Resource Development, Government of India).



**Tender Document for**

**Supply and Installation of Precision Impedance Analyser**

**At**

Indian Institute of Information Technology, Design and Manufacturing, Kurnool  
Jagannathagattu, Dinnidevarapadu,-518007, Andhra Pradesh

**Telephone: 08518-289115      Websites: <http://iiitk.ac.in/home>**

**INVITATION FOR BID (IFB)**

<b>Tender Enquiry No</b>	<b>:</b>	<b>IIITDMK/2020-21/S&amp;P/Precision Impedance Analyser/2 Dated.15 July 2020.</b>
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Sealed tenders are invited, under two bid system i.e. Technical bid and Financial bid, for **Supply and Installation of Precision Impedance Analyser at Indian Institute of Information Technology, Design and Manufacturing, Kurnool**, from reputed & registered agencies/companies/firms. Tender documents can be downloaded from the CPP Portal <https://eprocure.gov.in/epublish/app> or Institute website <http://iiitk.ac.in/home>. Bidders shall ensure that their bids, complete in all respects should be submitted before the closing date and time as indicated in the critical date sheet given below.

**There is no tender fees.**

The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions. Non-compliance with specifications/instructions may disqualify the bidders for the tender process. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

Scope of Work	Amount of EMD in Rs.
Supply and Installation of Precision impedance analyser at IIITDM, Kurnool	Rupees Forty Eight Thousand Only Rs. (48,000/-)

**CRITICAL DATE SHEET**

Date of Publication of the Tender Document	15.07.2020
Starting Date of Downloading of Tender Document	16.07.2020
Pre Bid Meeting	24.07.2020 (11:00 AM)
Starting Date of Bid Submission	25.07.2020
Ending Date of Bid Submission	06.08.2020(5:00 PM)

**Sd/-**

**Registrar I/c**

**Important :**

All communications are to be addressed to the Registrar I/c, IIITDM, Kurnool, only and not in the name of any other officer and mails are to be sent to official purchase email id [purchase@iiitk.ac.in](mailto:purchase@iiitk.ac.in)

**Terms and Conditions**

The Bidders are requested to submit bids in two bid system.

Two bid system: The two bids, Technical bid and financial bid, should be submitted with all required documents in separate sealed envelopes.

**Envelope-I : This Envelope shall contain the duly signed and stamped tender documents  
This envelope shall be sealed and super scribed as “Technical Bid”**

**Envelope-II : This Envelope shall contain the financial bid (Annexure-III).**

**This envelope shall be sealed and superscribed as “Financial Bid”**

The above two sealed envelopes along with covering letter, and EMD should be put in a bigger envelope and sealed. This envelope shall be superscribed as “Supply and Installation of Precision Impedance Analyser at IIITDM, Kurnool”, and submitted to The Registrar, Indian Institute of Information Technology, Design and Manufacturing, Kurnool, Jagannathagattu, Dinnidevarapadu, Kurnool-518007, **on or before 06.08.2020( 05.00 PM).No Request for extension of due date will be entertained.**

The bidder has to accept all the terms and conditions of the Institute and conditional offers will not be accepted.

Tenders which are submitted without following the two bid offer system will summarily be rejected.

**Earnest Money Deposit (EMD):**

EMD for Rs.48,000/- (Rupees Forty Eight Thousand only) in the form of Demand Draft/ Bankers Cheque /Bank guarantee, drawn, in favor of “**The Director, IIITDM Kurnool**” payable at Kurnool. (The EMD without interest shall be returned to the unsuccessful bidders after finalization of the tender).

The firms registered and having valid NSIC / MSME Certificate are exempt from submission of EMD.

**Envelope No-1 : Technical Bid**

The technical specifications for the equipment to be supplied are given in the Annexure I.

The bidder/OEM should have supplied and Installed Precision Impedance Analyser, to Centrally Funded Technical Institutions (IITs, NITs, IISCs, IISERs, IIITs etc.) in the last five years (01 April 2015 -31 April 2020 or after) and should provide Purchase Orders of those as documentary evidence. Further, the bidder must provide a certificate of satisfactory performance from the organization to which they have recently supplied. Contact details of the faculty/person-in-charge of the installed setup must also be provided.

The bidder / OEM must preferably have a service center and a registered office at a nearby place, preferably, Kurnool. Certificates of registration for the centers and registered offices are to be provided. Details about scope of service activities provided by the service centers must be provided

Bids should have a validity of **90 days**.

The technical offer **should not contain any price information**.

**The Following Documents are to be attached:-**

1. Certificate of Incorporation/ Registration Certificate of the firm / Company/Agency
2. Income Tax returns filed for the last three financial years 2017-18, 2018- 19, 2019-20.
3. PAN No.
4. GST Registration certificate
5. Bidder/Agent who quotes for items manufactured by the other manufacturer shall furnish scanned copy of Manufacturer's Authorization Form as per Annexure-II
6. The tenders not meeting the eligibility criteria will be summarily rejected. Hence, the tenderers are advised to attach relevant documents in support of their eligibility.
7. The OEM certificate or the valid authorization letter from the OEM for sale & support of the product quoted.

**Envelope No-2: Financial Bid**

This should contain only the price information along with commercial terms and conditions.

Financial offer should be submitted as per the format (Annexure-III)

The bidder shall state the basic price inclusive of all levies, transportation, delivery, GST, & all other charges. The basic unit price needs to be indicated individually against the items, the bidder proposed to supply. It is the responsibility of Bidder to go through the Bidding Document to ensure furnishing of all required documents in addition to above, if any. No condition shall be attached to the Financial Bid. Such a bid shall be summarily rejected. **The price quoted shall be for supply, delivery and installation at specified room of IIITDM Kurnool, Kurnool District, and Andhra Pradesh.**

**Opening of Technical Bids**

The technical bids will be opened on the scheduled date in the presence of the bidders or their authorized representatives who choose to attend the technical bid opening. In case the specified date of bid opening falls on or is subsequently declared a holiday or closed day for the purchaser, the Bids will be opened at the appointed time and place on the next working day.

Authorized representatives of the Bidders, who have submitted Bids on time may attend the Bid opening provided they bring with them letters of authority from the corresponding Bidders acknowledgement letter of bid submission.

**Scrutiny of Bids**

The Institute will examine the bids to determine whether they are complete, whether the documents have been properly signed, stamped and whether the Technical Bids are generally in order.

Prior to the evaluation of Financial Bids, the Institute will determine the substantial responsiveness of each Bid to the Bidding Document. For purposes of these clauses, a substantially responsive Bid is one, which conforms to all the terms and conditions of the bid document. If a Bid is not substantially responsive, it will be summarily rejected.

### **Technical Evaluation**

- i) All the technical aspects of the bids received will be evaluated for suitability and specification. If required, the Institute may seek additional clarification from the bidders.
- ii) The technical recommendation shall be final and binding on all the parties.

### **Opening of Financial Bids**

- i) The financial bids of only those bidders, who are technically qualified in the technical evaluation, will be opened in the presence of the technically qualified bidders or their authorized representative, who choose to attend the financial bid opening.
- ii) The technically qualified bidders will be intimated about the date of opening of financial bid, by email or telephone.

### **Delivery Period / Timelines**

The deliveries and installation must be completed **within 04 weeks** from the date of purchase order. The time is the essence of the contract. It is mandatory for the bidders who respond to this bid to meet this condition.

### **Locations for the supply / services**

The bidders may note that the items covered by this document are required to be supplied and installed at

**IIITDM Kurnool,  
Jagannathagattu,  
Dinnidevarapadu village,  
Kurnool  
Kurnool District  
Andhra Pradesh-518007.**

### **Installation**

- i) Bidder shall be responsible for installation as applicable and for after sales service during the warranty and thereafter.
- ii) Installation to be arranged by the supplier free of cost and the same is to be done within 15 days of the arrival of the item at site.

### **Warranty / Support**

- i) The items supplied shall carry a minimum of Three year warranty from the date of acceptance of item.
- ii) The defects, if any, during the guarantee / warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, GST and other taxes, if any and should be borne by the vendor.
- iii) The contractor should arrange for technical support during warranty period within 24 Hours of lodging of complaint

## **Indemnity**

The vendor shall indemnify, protect and save IIITDM Kurnool against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc., or such other statutory infringements in respect of all the items supplied by them.

## **Freight and Insurance**

The items to be supplied will be insured by the vendor at his own cost against all risks of loss or damage from the date of shipment till such time it is delivered at IIITDM Kurnool, Kurnool District, and Andhra Pradesh.

## **Bid Validity**

The Bid shall remain valid for acceptance for a period of 90 days after the date of Bid opening prescribed in the Bidding Document. Any Bid valid for a shorter period shall be treated as unresponsive and rejected. Bid Security of a Bidder will be forfeited, if the Bidder withdraws or amends its Bid or impairs or derogates from the Bid in any respect within the period of validity of its Bid without prejudice to other rights of the IIITDM Kurnool. The successful Bidder's Bid Security will be forfeited without prejudice to other rights of IIITDM Kurnool if it fails to furnish the required performance security within the specified period.

In exceptional cases, the Bidders may be requested by the Institute to extend the validity of their Bids up to a specified period. The Bidders, who agree to extend the Bid validity, are to extend the same without any change or modification of their original Bid and they are also to extend the validity period of the Bid Security accordingly.

In case the day up to which the Bids are to remain valid falls on or subsequently declared a holiday or closed day for IIITDM Kurnool, the Bid validity shall automatically be extended up to the next working day.

## **Payment**

100% payment after delivery, installation and acceptance by IIITDM, on submission of Bank Guarantee for an equivalent value of 10% of PO value valid till warranty period plus 2 months.

The bidders may note that **other modes of payment like advance payment and payment against delivery is not considered.**

## **Penalty for delayed services / LD**

- i) As time is the essence of the contract, delivery period mentioned in the purchase order should be strictly adhered to. Otherwise the LD clause will be applied / enforced.
- ii) If the supplier fails to supply, and fix the item as per specifications mentioned in the order within the due date, the supplier is liable to pay liquidated damages of 1% of order value for delay of every week or or part thereof subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier.
- iii) IIITD&M Kurnool reserves the right to cancel the order in case the delay is more than 04 weeks and the contractor is not eligible for any damage from the Institute and contractor will forfeit his claim for EMD.

### **Purchaser's right to vary quantities at the time of award**

IIITDM Kurnool reserves the right at the time of award of contract to increase or decrease the quantity of items specified in the schedule of requirements without any change in price or other terms and conditions.

### **Jurisdiction**

The disputes, legal matters, court matters, if any, shall be subject to Courts in the district of Kurnool Jurisdiction only.

### **Force Majeure**

- a) IIITDM Kurnool may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that the delay, in performance or other failure to perform its obligations under the contract, is the result of a force majeure.
- b) If the due date of submission of tender / tender opening is declared a holiday for the Institute, the due date for submission of tender / tender will be extended to same time on next working day.

### **Arbitration**

All disputes of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc., shall be referred by either party (IIITDM Kurnool or the bidder) after issuance of 30 days' notice in writing to the other party clearly mentioning the nature of dispute and will be referred to the arbitrator to be nominated by The Registrar, IIITDM Kurnool. The Venue for arbitration shall be Vijayawada, India.

### **Acceptance of the terms and conditions of tender document**

The bidders has to accept all the terms and conditions of this tender document and it is made known that the bidders quoting for this tender had impliedly accepted the terms and conditions of this tender.

### **Interpretation of the clauses in the Tender Document**

In case of any ambiguity / dispute in the interpretation of any of the clause in this tender document, interpretation of The Registrar I/c, IIITDM Kurnool shall be final and binding on all parties. The IIITDM Kurnool reserves the right to accept the offer in full or in parts or reject the offer summarily or partly without assigning any reasons.

Sd/-

**Registrar I/c**

**Technical Specifications for Precision Impedance Analyser (Annexure-I)**

<b>Parameter</b>	<b>Specification</b>	<b>Compliance (Yes / No)</b>
Measurement of Parameters	Z ,  Y , $\theta$ , R, X, G, B, L, C, D, Q, Polar and complex plot, Equivalent circuit analysis function with 3 and 4-element models	
Test Fixture	Fixture for Axial and Radial Components, Calibration Kit for Open short & HF compensation.	
Test Frequency	20Hz- 5 MHz	
Resolution	1mHz	
R, X , Z	100 m $\Omega$ to 2G $\Omega$ .or better	
C	1fF to 1 F or better	
L	0.1nH to 2kH or better	
D,Q	0.00001 to >1000	
Voltage Signal Level	10 mVrms to 1 Vrms	
Basic Accuracy	$\pm 0.05\%$ (please submit Accuracy chart)	
Frequency Resolution	1 mHz	
Sweep Type	Linear frequency, log frequency, linear AC signal level,	
Sweep Parameters	Frequency, Signal Voltage,	
No. of Measurement Points	Upto 1600 or better	
Interface	LAN, GPIB,VGA,USB, Keyboard, Mouse	
Display	Touch screen, Should display minimum 2 parameters	
Ranging	Auto /Manual	
Power Supply	230 V, 50 Hz. ac.	
Accessories	Power Cable, Components, and fixture. BNC Cable, Coaxial Cables and Kelvin Probes	

**Signature and Stamp of bidder**



**Manufacturer's Authorization Form**

To

Director  
IIITDM KURNOOL  
JAGANNATHAGATTU,  
ANDHRAPRADESH

Ref: Bid Reference No.: **IIITDMK/2020-21/S&P/Precision Impedance Analyser/2** Dated **15 July 2020**

We, ....., who are proven and reputable  
Manufacturer/exclusive distributors of ..... (Name and  
description of the goods offered in the Bid) having factories/office at  
..... hereby authorize M/s  
..... (name and  
address of the agent) to submit a Bid, against your requirement as contained in the above referred  
Bidding Documents for the above goods manufactured/ distributed by us.

We further confirm that no supplier or firm or individual other than M/s. (name and address of the above agent) is authorized to submit a Bid, against your requirement as contained in the above referred Bidding Documents for the above goods manufactured by us

We also hereby extend our full warranty of \_\_\_\_\_ from acceptance of goods by Purchaser as per Clause 8 of General Terms & Conditions. We further confirm that we shall continue to supply spare parts, software up- gradation for 03 years after guarantee/warranty.

Yours faithfully,

[Signature with date,  
name and  
designation]  
For and on behalf of  
M/s.  
[Name & address of  
the manufacturers].

Note: 1. This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

**FINANCIAL BID**  
**(To be put in the marked envelope "Financial Bid")**

Bid Reference No.: IIITDMK/2020-21/S&P/Precision Impedance Analyser/22 Dated 15 July 2020

Bidder Name & Address:.....

S.No	Description of the item	Qty	(A) Unit Price per Item	(B) GST (In Rs.), if applicable	(C)Freight/F.O.R/ transport/delivery & all other charges (In Rs.), If applicable	(A+B+C) Offered Price (In Rs.)
1.	Supply and Installation of Precision Impedance analyser	1 Nos				

**COMMERCIAL TERMS**

1. We hereby undertake that no extra charges on any account will be claimed except as mentioned above.
2. We hereby undertake to strictly abide by the Commercial and other terms laid down in the Tender.

(AUTHORIZED SIGNATORY]  
NAME IN BLOCK LETTERS  
SEAL OF THE TENDERER