

TRIPURA UNIVERSITY

(A Central University)
Suryamaninagar
Tripura West – 799022

No.TU/FIN/ECE/355/Vol-II/2020

Date: 05-02-2026

NOTICE INVITING e- TENDER

Tripura University invite e- Tender from the bonafide Manufacturers/Authorized Dealers for Supply and Installation of Equipment's for the Department of Electronics & Communication Engineering, Tripura University. The Details can be seen at Tripura University website: www.tripurauniv.ac.in. However, for submission of documents please visit <https://eprocure.gov.in/eprocure/app>

Sd/-

**[Dr. Nirmalya Debnath]
Drawing & Disbursing Officer (DDO)**

Signature Not Verified

Digitally signed by NIRMALYA DEBNATH
Date: 2026.02.05 13:27:28 IST
Location: eProcure-EPROC

TRIPURA UNIVERSITY

(A CENTRAL UNIVERSITY)

Tender No:- No.TU/FIN/ECE/355/Vol-II/2020



E-TENDER Document for:

Name of the Item: - Supply and Installation of Equipment's for the Department of Electronics & Communication Engineering, Tripura University, Suryamaninagar.

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Name of Item: Supply and Installation of Equipment's for the Department of Electronics & Communication Engineering, Tripura University, Suryamaninagar.

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Certified that this Notice Inviting e-Tender contains 11 (Eleven) pages numbered from 1 to 12 and schedule of the e-Tender is shown in Section – I

(Dr. Nirmalya Debnath)
Drawing & Disbursing Officer (DDO)

SECTION- I

NOTICE INVITING TENDERS

LIST OF DATES

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar – 799022

NOTICE INVITING e-TENDER

1. Tripura University invite e- Tender from the bonafide Manufacturers/authorized Dealers for Supply and Installation of Equipment's for the Department of Electronics & Communication Engineering, Tripura University, Suryamaninagar. The Details can be seen at Tripura University website: www.tripurauniv.ac.in. However, for submission of documents please visit <https://eprocure.gov.in/eprocure/app>

List of Items with Specification and quantity

Sl No	Name of the item with Specification	Qty
01	<p>Basic PCB manufacturing Lab</p> <p>(PCB Lab should allow student to produce custom prototype quality circuit boards in a few hours. An exhaustive user manual should be provided along with this lab with easy to understand steps to make PCB without any error.</p> <p>SPECIFICATIONS:</p> <p>LAMINATES</p> <ul style="list-style-type: none"> High sensitive photo resist coated Short exposing time : 60~90 Second Color varied after exposure PCB Thickness : 1.6mm PCB : 10 Nos PCB Artwork Paper Transparent papers : 20 Size : A4 <p>UV Exposure Box</p> <ul style="list-style-type: none"> Supply voltage : 240V, 50Hz Power (Max) : 200W UV source : 6x15W Fluorescent Lamp Mask area : 22x37CM <p>Developer</p> <ul style="list-style-type: none"> Chemical : Developer Quantity : 5 Nos <p>Etching</p> <ul style="list-style-type: none"> Etching : ET-20 Tank capacity : 2 Liters Dimension : 360X280X40MM <p>Heater</p> <p>EPH-20</p> <ul style="list-style-type: none"> Temperature adjustment : 350C to 550C Waterproof double insulation Power lamp indicates ON/OFF cycle Heating elements with improved insulation Heater rating : 300W / 230V AC <p>Air Pump</p> <ul style="list-style-type: none"> Voltage : 230V / 50Hz Power : 3W <p>Etchant</p> <ul style="list-style-type: none"> Chemical Quantity : 5 Nos 	01 No

	PCB Drilling Machine <ul style="list-style-type: none"> • Drilling machine: 0 – 3mm Spindle speeds (in R.P.M) • speed stage (Stepless) : 2000 - 2600) 	
02	Portable Electric Air compressor (Air Compressor Specifications: Build in power converter, Auto stop, Power cord, Air pressure 250 BAR)	01 No
03	Motorised Microstrip Transmission Line Trainer (Motorized transmission Line Trainer should have facility for Minima and Maxima Measurement for various load condition as well as various frequencies. Probe / Sensing motion along the transmission line having standard hardening Ball screw arrangement. Software/Panel mode operation. SPECIFICATIONS <ul style="list-style-type: none"> • Frequency : 250MHz ~ 1500MHz • Source type : PLL Synthesizer • Power : +9dbm • Resolution : 150KHz • Characteristics Impedance : 50 ohm • Power handling capacity : +30dBm • Detector type : Dual Log type • Output array storage : 580 points on self-memory • Operational Mode : PC & Panel mode (Controlling / Driving / Data plotting) • Length of transmission line : 60CM. Motorized • Sensing probe resolution : 1mm/5mm/10mm • Probe output :dbm/dbuV/mV • Experimental Mode Standing wave insertion loss(S21) ,Return loss (S11) Pulse mod & Directional coupler • Software • Compatible to Windows 98, Windows 7 & Windows vista Graphs • Incident voltage, reflected voltage, Standing wave, Smith chart, Graph comparison facility • Load OPEN, SHORT, MATCH, MISMATCH • Connector SMA female, (Jack) External Directional coupler to be provided with following specification: <ul style="list-style-type: none"> • Wideband : 20MHz to 3GHz • Insertion loss : 1dB • Coupling : 20dB) 	01 No

2. The tenderers fulfilling the required criteria as mentioned may download the tender document from the website <https://eprocure.gov.in/eprocure/app> and submit online as per the schedule given below. However, the tender documents can also be viewed in the website of the University www.tripurauniv.ac.in.

Date and time of tender publication in the websites.	05-02-2026 at 2.30 PM
Date and time for closing of submission.	14-02-2026 at 4.30 PM
Date and time for opening of technical bid document.	16-02-2026 at 10.30 AM
Date and time for opening of financial bid.	17-02-2026 at 10.30 AM

SECTION- II

General Terms & Condition

General Terms & Condition

1. **Scope of Work:** Scope of work covered under this includes supply, transportation and installation at the Supply and Installation of Equipment's for the Department of Electronics & Communication Engineering, Tripura University, Suryamaninagar, Tripura University Suryamaninagar;
2. **Qualifying requirements:** The bidder must either be a manufacturer or authorised dealer having credential of supplying and installation of above-mentioned items.
3. **Processing Fee**
An online tender fee of ₹1,000/- (Rupees One Thousand only), non-refundable, shall be paid through **RTGS/NEFT. A scanned copy of the payment proof** must be uploaded along with the tender documents. The **bank details** are as under:

Name of the Account :	Tripura University Online Deposit Account.
Type of Account	: Savings Bank Account
Account Number	: 44836399405
IFSC	: SBIN0010495
4. **Earnest Money Deposit (EMD)**
 A demand draft for Rs. 10,000.00 (Rupees Ten Thousand Only) refundable, shall be paid through **RTGS/NEFT. A scanned copy of the payment proof** must be uploaded along with the tender documents. The **bank details** are as under:

Name of the Account	: Tripura University Online Deposit Account.
Type of Account	: Savings Bank Account
Account Number	: 44836399405
IFSC	: SBIN0010495
5. **Warranty and Support: Warranty: Minimum 1 year warranty on the instrument after satisfactory installation.**
6. **Technical Support:** Availability of technical support and service center information.
7. **Forfeiture of EMD:** The Earnest Money is liable to be forfeited in the event of (a) withdrawal of offer during the validity period of the offer, (b) non-acceptance of orders when placed, or (c) Non confirmation of acceptance of orders within the stipulated time after placement of offer, (d) Any unilateral revision made by the bidder during the validity period of the offer.
8. **Rate:** The bidder should quote the rate in Indian Currency i.e. INR and such rates are FOR destination basis i.e. at the site of Tripura University, Suryamaninagar-799022. Bidders are required to quote their rate exclusive of taxes, Government Taxes will be paid as per prevailing Government rules at the time of payment.

- 9. Time for Completion:** Delivery and installation of the items must be completed within 21 (Twenty-One) days from the date of issue of purchase order.
- 10. Payment Terms:** 95% Payment will be made after satisfactory completion of delivery, 5 % of invoice value will be retained as performance guarantee, and the same will be released after 01(One) year from the date of delivery and installation.
- 11. Quotations for part items shall not be entertained.**
- 12.** The contract shall be governed by the Laws and Procedures established by the Government of India and subject to exclusive jurisdiction of competent Court and Forum in Agartala only.
- 13.** Payment will be made strictly through RTGS/NEFT/Bank Transfer.
- 14. Note:** Tripura University reserves the right to reject any/all the quotations without assigning any reason thereof for the interest of the University and lowest rate may not be the only criteria for selection of the bid.

SECTION - III

INSTRUCTIONS TO BIDDERS

Tripura University (A Central University), Suryamaninagar, Agartala, Tripura invites E-tenders for: **“Subject: Supply and Installation of Equipment’s for the Supply and Installation of Equipment’s for the Department of Electronics & Communication Engineering, Tripura University, Suryamaninagar”** as per details given in the tender document uploaded on <https://eprocure.gov.in/eprocure/app>.

The offers, in the prescribed format, shall be submitted online at <https://eprocure.gov.in/eprocure/app> as per the tender document. No tender will be accepted in hard copy, fax, e-mail or any other such means. The intending bidders must be registered with e-tender website <https://eprocure.gov.in/eprocure/app>.

The tender document is also available on Tripura University (A Central University) website: <https://www.tripurauniv.ac.in/> for reference and viewing only but not for submission. **However, for the purpose of submission, the website <https://eprocure.gov.in/eprocure/app> should be referred to NIT (notice inviting tender).**

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the e-tender Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-tender Portal, prepare their bids in accordance with the requirements and submitting their bids online on the e-tender Portal.

More information useful for submitting online bids on the e-tender Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

Bidders are required to enroll on the e-Procurement Portal (<https://eprocure.gov.in/eprocure/app>).

1. with clicking on the link **“Online bidder Registration”** on the e-tender Portal by paying the requisite **Registration fee through online banking.**
2. As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidder.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate **(Only Class III Certificates with signing + encryption key usage)** issued by any Certifying Authority recognized by CCA India (e.g.Sify/ TCS/ nCode/ eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC/ e-token.
7. The scanned copies of all original documents should be uploaded on portal.

Annexure I

All the documents mentioned should be submitted/uploaded in the Central Procurement Portal

Technical Bid

Sl No	Particulars	
1	Name of the Bidder / Firm / Agency / Vendor	
2	Address of the Bidder/Fire/Agency/ Vendor	
3	PAN and GST Registration along with upto date GST clearance certificate in his/her own name issued by the competent authority (Copies to be submitted)	
4	Experience certificate/Work order supporting execution of similar works put to tender (Copies to be submitted)	
5.	EMD (Refundable) Amount Transaction No..... Dt. Name of the drawing Bank	
6	Cost of Tender Document (Non Refundable) Amount Transaction No..... Dt. Name of the drawing Bank	

Declaration by the Bidder/ Firm/Agency/Vendor

I/we am/are submitting my/our best our in response to your NIT vide No Dated..... For further course of evaluation. I/We have gone through the terms and conditions as mentioned and understood properly without any short of ambiguity. Therefore, all the informations given by me/us are true to the best of my/our knowledge and belief. I/We bind myself/ourselves for compliance of all the terms and conditions as mentioned if the work is offered.

Signature of the Bidder/ Firm/ Agency/ Vendor with seal

Signature Not Verified

Digitally signed by NIRMALYA DEBNATH
Date: 2026.02.05 13:29:37 IST
Location: eProcure-EPROC