

**TRIPURA UNIVERSITY**

(A Central University)  
Suryamaninagar  
Tripura West – 799022

**No.F.TU/FIN/MSE/363/Vol-III/2020**

**Date: 02-12-2024**

**NOTICE INVITING e- TENDER**

Tripura University invite e- Tender from the bonafide Manufacturers/Authorized Dealers for supply and installation of Equipments for the Department of Material Science & Engineering, Tripura University. The Details can be seen at Tripura University website: [www.tripurauniv.ac.in](http://www.tripurauniv.ac.in). However, for submission of documents please visit <https://eprocure.gov.in/eprocure/app>

**Sd/-**  
**[Sri Pranay Pal]**  
**Asstt. Registrar(Finance)**

Signature Not Verified

Digitally signed by PRANAY PAL  
Date: 2024.12.02 14:32:07 IST  
Location: eProcure-EPROC



# TRIPURA UNIVERSITY

## (A CENTRAL UNIVERSITY)

**Tender No:- No.F.TU/FIN/MSE/363/Vol-III/2020**



### **E-TENDER Document for:**

**Name of the Item:** - Supply and Installation of LED based Solar Simulator and Argon Gas cylinder with regulator for the Department of Material Science & Engineering Tripura University, Suryamaninagar.

**TRIPURA UNIVERSITY**  
**(A Central University)**  
Suryamaninagar – 799022  
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**No.F.TU/FIN/MSE/363/Vol-III/2020**

**Date: 02-12-2024**

**Name of Item:** Supply and Installation of LED based Solar Simulator and Argon Gas cylinder with regulator for the Department of Material Science & Engineering Tripura University, Suryamaninagar.

SL No.	SECTION	PARTICULARS	PAGE No.
1.	Section - I	List of Dates, Tender Details and	3
2	Section-II	General Terms & Conditions	6
2.	Section – III	Instruction to Bidder	8

**Certified that this Notice Inviting e-Tender contains 11 (Eleven) pages numbered from 1 to 10 and schedule of the e-Tender is shown in Section – I**

**(Sri Pranay Pal)**  
**Asstt. Registrar (Finance)**

# **SECTION- I**

## **NOTICE INVITING TENDERS**

### **LIST OF DATES**

# TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar – 799022

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## NOTICE INVITING e-TENDER

1. Tripura University invite e- Tender from the bonafide Manufacturers/authorized Dealers for Supply and Installation of LED based Solar Simulator and Argon Gas cylinder with regulator for the Department of Material Science & Engineering Tripura University, Suryamaninagar for the Department of Material Science & Engineering Tripura University, Suryamaninagar. The Details can be seen at Tripura University website: [www.tripurauniv.ac.in](http://www.tripurauniv.ac.in). However, for submission of documents please visit <https://eprocure.gov.in/eprocure/app>

### List of Items with Specification and quantity

#### 1. LED Solar Simulator with Source Meter

##### *Technical Specification*

Sl. No	Description	Specification
<b>LED Solar Simulator Specification (01 Unit)</b>		
01.	Type of Solar Simulator	LED-Based Solar Simulator
02.	Class of Solar simulator	AAA
03.	Wavelength Range	350 – 1050 nm
04.	Filter	AM1.5G ( <b>International standard</b> )
05.	Spectral Deviation	<70%
06.	Spectral Range	>80%
07.	Irradiance	1000 W/m <sup>2</sup>
08.	Maximum Lamp Hours	Not less than 10000 hours
09.	Operation	Software-based, easy to use.
10.	Output radiation dimension	2×2 cm <sup>2</sup> Minimum
12.	LED selection	Option to choose any specific LED wavelength
<b>Source Meter specification (01 Unit)</b>		
13.	Voltage range	± 10V
14.	Accuracy	10 mV
15.	Precision	333 μV
16.	Resolution	170 μV
17.	Maximum Current	± 10V
18.	Minimum current	±10 nA
19.	Operation	Software-based, easy to use.
20.	Accessories	BNC cables
21.	Printer	Color auto Printer, with Print, Scan, Copy, ADF, WiFi/LAN/USB, Print Up To 15K Pages In Black And 5K In Colour.
22.	Items to be present	LED-based solar simulator, source measure unit, and related accessories like printer and BNC cables.

#### 2. Argon gas cylinder with regulator Qty 01

##### *Technical Specification*

Argon (Ar) Cylinder – 50-liter, 150 bar Std. Cylinder with suitable regulator and cylinder key

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](http://www.tripurauniv.ac.in).

Date and time of tender publication in the websites.	02-12-2024 at 4.00 PM
Date and time for closing of submission.	17-12-2024 at 12.00 PM
Date and time for opening of technical bid document.	18-12-2024 at 1.00 PM
Date and time for opening of financial bid.	19-12-2024 at 12.00 PM

## **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 Department of Material Science & Engineering, 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. **An amount Rs.1,000.00 (non-refundable cost of tender fee) in the form of Demand Draft in favour of Finance Officer, Tripura University on State Bank of India payable at Tripura University Campus Branch. Photocopy of the same is to be uploaded along with the tender documents and original DD may be deposited to Tripura University through post or by hand in the office of the Finance Officer on or before of submission of Technical Bid.**
4. **EMD: An amount Rs.10,000.00 (Refundable) in the form of Demand Draft in favour of Finance Officer, Tripura University on State Bank of India payable at Tripura University Campus Branch. Photocopy of the same is to be uploaded along with the tender documents and original DD may be deposited to Tripura University through post or by hand in the office of the Finance Officer on or before of submission of Technical Bid.**
5. **Warranty:** Instrument must have minimum 02-year standard warranty.
6. **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.
7. **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.
8. **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.
9. **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 02 (Two) years from the date of delivery and installation.
10. 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.
11. Payment will be made strictly through RTGS/NEFT/Bank Transfer.



- 12. 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 LED based Solar Simulator and Argon Gas cylinder with regulator for the Department of Material Science & 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**

<b>Sl No</b>	<b>Particulars</b>	
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 PRANAY PAL  
Date: 2024.12.02 14:36:01 IST  
Location: eProcure-EPROC