

TRIPURA UNIVERSITY

(A Central University)
Suryamaninagar
Tripura West – 799022

No.F.TU/FIN/Human Physiology/03/Vol-VI/20

Date: 27-01-2025

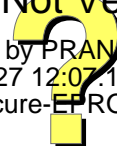
NOTICE INVITING e- TENDER

Tripura University invite e- Tender from the bonafide Manufacturers/Authorized Dealers for supply and installation of Equipment's for the Department of Human Physiology, 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/-
[Sri Pranay Pal]
Asstt. Registrar (Finance)

Signature Not Verified

Digitally signed by PRANAY PAL
Date: 2025.01.27 12:07:17 IST
Location: eProcure-EPROC



TRIPURA UNIVERSITY

(A CENTRAL UNIVERSITY)

Tender No:- F.TU/FIN/Human Physiology/03/Vol-VI/20



E-TENDER Document for:

Name of the Item: - Supply and Installation of Equipment's for the Department of Human Physiology, Tripura University, Suryamaninagar.

TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar – 799022

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Name of Item: Supply and Installation of Equipment's for the Department of Human Physiology Tripura University, Suryamaninagar.

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Certified that this Notice Inviting e-Tender contains 13 (Thirteen) pages numbered from 1 to 13 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

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 Human Physiology, 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 Instrument	Specifications	Qty.
01	Hydraulic Handgrip Dynamometer	<ol style="list-style-type: none"> 1. Designed for reliable grip-force evaluations from 0-200lbs(91kg) 2. Dual-scale readout display, lb and kg 3. Peak hold needle automatically retains the highest reading until reset. 4. Handle easily adjusts to five grip position, 5. From 1/3.8" – 3/3.8" in half-inch increments to accommodate and hand size. 	01 No.
02.	Hydraulic pinch gauge	BMI 1180 (50lb) <ol style="list-style-type: none"> 1. Support this 0-50 lbs (22kg) device allowing highly accurate pinch- force measurements. 2. The Pinch Gauge is used for testing hand-strength by measuring fingertip, key and palmar pinch force. 3. Dual scale shows both pounds and kilograms. 	01 No
03.	Weight machine	HUMAN WEIGHT MACHINE (MAKE – KRUPS)	01 No
04	Skinfold calipers	Simple, very accurate unit has sprung loaded levers and low-pressure bearing for constant pressure Scale permits reading upto 60mm. Light weight aluminium casted insures years of reliable use.	01 No
05.	RT apparatus	Reaction Time Test Apparatus: model PP 178 <ul style="list-style-type: none"> • Operating from 220V, + 10%, single phase, 50Hz, A.C. • Option for External D.C.Source on request. • Fully Microprocessor control • Two visual stimuli, Red and green, Light Emitting diodes(L.E.D) on subject side • Two Aural stimuli of different tones • Left or Right key (or sockets for foot paddle provided) for the stimulus. • Five digit Electronic display of time, maximum counting 99.999 second with resolution of 0.001 second. • Power ON – OFF Switch with indicator and safety fuse • Removable screen partition Housed in an elegant rustproof cabinet.	01 No
06.	Skin thermometer	BPL Accu DIGIT F4 Non-Contact Infrared Thermometer	01 No

		<ul style="list-style-type: none"> • Display : digital LCD display • Resolution : 0.1F or 0.1 degree C • Accuracy: 35° C to 42° C \pm 0.2° C 32 – 34.9 ° C \pm 0.3° C 42- 42.9° C \pm 0.3° C • MEASURING TIME : ABOUT 1 SEC • Unit of measurement : °C / ° F • Memory function: 20 readings memory • Displays the last measured value • Memory clear option available • High temperature alert: above 39.4 or 102.9 ° F ‘ Hi’ indication with orange display • Automatic poweroff time : approx.. 1 min • Weight : 70kg (excluding batteries) • Dimension: 152mm× 38mm×43mm <p>IR rating IPXO</p>	
07.	Microspirometer, Nose clip, mouth piece	<p>RMS Helios 401:</p> <ul style="list-style-type: none"> • Flow range: -10 L/S to +16 L/ S • Max volume : 8 Litres • Overall accuracy: within \pm 1 % (using a standard 3 litre calibration syringe) • Transducer: Bi- directional Turbine cartridge • Turbine Sensor : Infrared Interruption • Flow Detection : Volume Differential • Dimensions : 150mm × 35mm × 25mm • Weight : 120gms (handset only) • Communication Port : USB • Power supply : Through USB port <p>Computer specifications: IBM – compatible PC with P-IV, 256 MB RAM, 40 GB HDD, USB port, 15” color monitor supporting 1024× 768,</p> <ul style="list-style-type: none"> • Operating system – Windows 2000 or XP, Laser or Deskjet Printer 	01 No
08.	Anthropometric rod	<ul style="list-style-type: none"> • Anthropometric rods made of brass • Chromium plated brass rods with smooth finish, movement and clear markings. • Packed in carrying case • There are used for verticle and horizontal measurement consisting of a set of four long and two small rods • Four rods are attached at exclusive points to become a single rod to measure upto 200cm lengthwise. <p>Two small rods facilitate to clamp and amp; measure width wise at the same time upto 25cm</p>	01 No
09.	Haemoglobinometer	<p>Sahlis Haemometer:</p> <ul style="list-style-type: none"> • Set consisting of polystyrene support with 2 colored rods and opal glass plate, • Comparator tube, • haemoglobin pipette 20 microlitre with an approx.. 16cm long silicone tube and white mouthpiece. <p>Dropping pipette with rubber teat, stirring rod, acid vial, cleaning brush and directions of use, without lancets.</p>	01 No

10.	Sphygmomanometer (mercurial type)	<p>Diamond Mercurial Blood Pressure Apparatus:</p> <ul style="list-style-type: none"> • First Grade Quality Virgin Material was Used. • Purity Of Mercury is 99.99 Percent Due To Assured Triple Distillation Process. • 0 mm to 300 mm of Hg scale with an elegant finish, fine numbering, and durable background contrast paint for clear visibility • Fused type, permanent graduation marking on the glass tube • Special control valve for perfect pressure drop • Surface plating is adapted to all exposed metal parts to prevent corrosion • Classic Hi-stove painting to the body of the instrument to withstand any climate • Optimum damping effect provided for easy and fast measurement 	01 No
11.	Stethoscope	Make: Lifeline, model – Gold/ diamond	01 No
12.	Sliding steel calipers (Martin Type) Length 0-200mm	<ul style="list-style-type: none"> • Measuring range - inches: 0 in - 07.87 in • Measuring range - millimeters: 0 mm to 200 mm, Weight: 4.23 oz / 0.12 kg 	01 No
13.	Metronome	A wind-up mechanical metronome, Nikko model, clicking at 96 BPM	01 No
14.	Stop watch	Mechanical stop watch	01 No
15.	Goniometer (360°)	<ul style="list-style-type: none"> • 3 piece 6, 8, 12inch Goniometer/360 Degree; 8inch Bone Goniometer; 6inch 180 degree Goniometer & Finger Goniometer. • Goniometer Multifunction: Used for measure the movement range of joints such as elbows, knees and fingers. also can be a general length measuring tool. The clear plastic from the goniometer permits observation of joint's axis of motion, and its range of motion. <p>The easy to read 360° head features three scales to allow for a variety of readings. The arm's ruler features both inches and centimeters.</p>	01 No
16.	Digital Lux Meter	<ul style="list-style-type: none"> ▪ Measurement: luminous flux in a room ▪ Range: 0-200000 lux ▪ Accuracy: ±2% of Rdg ±1 digit ▪ Resolution: 0-2000 lux (1 lux); 2000-20000 (10 lux); 20000-200000 lux (100 lux) 	01 No
17.	Height and Weight machine/ stadiometer	<ul style="list-style-type: none"> • Precise Height Measurement: Stadiometer offers a measuring range of 20 - 210cm with 1mm Graduation, providing accurate height readings in both inches and centimeters. Trust in the reliability of our Stadiometer for consistent and precise height assessment. • Simple and fast set up, no tool (screw driver etc.)should be required. • Stable connection, assuring precise and accurate measurement. 	01 No
18.	Digital pH Meter with Electrode (LCD)	High quality precision manual instrument Ph Range: 0-14, Resolution: 0.01, mV Range: 0-±1999, Resolution: 1mV,Readout: 3.5 Digits LCD	01 No

19	18x18 cm Ceramic SPINOT Magnetic Stirrer Hot Plate 6030	Type of Product: SPINOT™ Magnetic Stirrer Hot Plate, Tarsons analog hotplate-stirrers feature an exceptionally durable, Feature: Chemical resistant work surface for regular operations Materials Size(mm): Top Plate: 18x18 cm	01 No
20.	Haemocytometer with Micropipettes	Brand: Instrument and Chemicals Pvt. Ltd.(INCO) Model: HC300 One counting chamber, Two 0.5mm cover glasses, 1 Red Cell Pipette, One White Blood Cell Pipette, Tubing	01 No
21.	MyFuge Mini Centrifuge	Blue Lead, with two Rotter, AC/DC input 110-240V AC, European 2-Pin plug	01 No
22.	Meta Lab Digital Water Bath	Temperature Range: 40°C-100°C, Accuracy: ±0.5 °C Power Supply: 230V. A.C. 50Hz Single Phase	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.	27-01-2025 at 2.00 PM
Date and time for closing of submission.	15-02-2025 at 12.00 PM
Date and time for opening of technical bid document.	17-02-2025 at 1.00 PM
Date and time for opening of financial bid.	18-02-2025 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 Human Physiology, 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 01-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.
Quotations for part items shall not be entertained.
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 01 (One) year 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 Equipment’s for the Department of Human Physiology” 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 PRANAY PAL
Date: 2025.01.27 12:08:11 IST
Location: eProcure-EPROC