



# University of Calcutta

87/1, College Street, Kolkata-700 073

## WEBSITE E-TENDER NOTIFICATION

E-Tender No. - R/3/Equip/RUSA2.0/2020

Date: 16.09.2020

Notice inviting e-Tender for the Item wise item rate tender for Supplying, fitting, fixing and commissioning of the following equipment which to be installed in different campuses for Incubation centres under University of Calcutta from RUSA 2.0( Comp.10) grant during the year 2020-21.

Please visit <https://wbtenders.gov.in/nicgep/app> & [https://www.caluniv.ac.in/tender/tender\\_news.html](https://www.caluniv.ac.in/tender/tender_news.html)

Tender ID: - 2020\_CU\_296582\_1

Bid Submission Start Date- 16-Sept-2020 05:00 PM  
Bid Submission End Date:- 30-Sept-2020 05:00 PM.

Sd/-

Registrar and Nodal Officer of RUSA  
University of Calcutta





**University of Calcutta**  
**87/1, College Street, Kolkata-700 073**

**E-Tender No: R/3/Equip/RUSA2.0/2020**

**Date:16.09.2020**

University of Calcutta invites e-tender (Item wise and Item rate) for Supplying, fitting, fixing and commissioning the following equipment which to be installed in different campuses for Incubation centres under University of Calcutta from RUSA 2.0( Comp.10) grant during the year 2020-21.

- **Name of the Work** : Item wise item rate tender for Supplying, fitting, fixing and commissioning of the following equipment which to be installed in different campuses for Incubation centres under University of Calcutta from RUSA 2.0( Comp.10) grant during the year 2020-21
- **Earnest Money (EMD)** : Rs. 50,000 /- (To be deposited Online). For exemption of EMD see details.
- **Completion time of the work:** 30 (Thirty) days from the date of issuing work order.
- **Bid Validity Days:** 120 days
- **Name of the Tender Inviting Authority:** Registrar and Nodal Officer of RUSA, University of Calcutta 87/1 College Street Kolkata- 700073
- **Time Extension:** Time is the essence of the contract, generally no time extension will be allowed. But, in case of Force Majeures, the extension of time may be considered on the basis of actual situation and subject to consideration of the Tender Inviting Authority.
- **Penalty Charges:** Penalty charges will be imposed @ 0.1 % per week on the tendered amount subject to Maximum @ 10% of the tendered amount, if the work will not be completed within stipulated time period of the tender.
- **Defect & Liability Period: 1 Year**
- **No extra payment to be paid beyond the tendered amount.**
- The Tender Inviting Authority reserves the right to accept or reject any tender without assuring any reasons.

- **Guarantee Period:** - 1 year (No extra payment will be made for any maintenance or up gradation of software package during the guarantee period.
- **The intending bidder must quote for the items of work in BOQ as per the rule of the Item wise Tender on the basis of their relevant Trade license and credentials for similar nature of works @ 50% of the Tendered value (At least) within last three years in any State University/Govt./Semi-Govt./Autonomous Institutions**

## Technical Specifications

### List of Instruments:

Sl. No.	Item Description	Item Code / Make	Quantity	Units
1	2	3	4	5
1	Item wise item rate tender for Supplying, fitting, fixing and commissioning of following equipments which to be installed in different campuses for Incubation centres under University of Calcutta from RUSA 2.0( Comp.10) grant during the year 2020-21.			
1.01	Portable Voice Recorder of Sony or equivalent make	item1	1	No
1.02	Gradient PCR (Biorad)	item2	5	Nos
1.03	ThermocyclerMultiGene™ OptiMax	item3	2	Nos
1.04	Gel casting set, power pack and gel run set	item4	4	Nos
1.05	Bioimpedance Analyzer	item5	4	Nos
1.06	Ultrasound bone mineral densitometer cm 300	item6	4	Nos
1.07	Fine scale digital balance	item7	5	Nos
1.08	Co2 incubator	item8	4	Nos
1.09	Inverted microscope	item9	5	Nos
1.1	Ph meter	item10	5	Nos
1.11	Water bath	item11	5	Nos
1.12	Micro pipe set	item12	10	Nos
1.13	Lica Microtome for tissue functioning	item13	4	Nos
1.14	Laminer air flow	item14	2	Nos
1.15	Incubater shaker	item15	5	Nos
1.16	Weighing balance	item16	5	Nos
1.17	Vortex	item17	5	Nos
1.18	Fridge (300L-320L) with B.I.S standard	item18	1	No
1.19	Benchtop refrigerated centrifuge	item19	5	Nos
1.2	Minus 80degree freezer with	item20	1	No
1.21	Ultrasonic sensor	item21	5	Nos
1.22	Digital storage oscilloscope	item22	5	Nos
1.23	High volume sampler (APM 460DXNL)	item23	2	Nos
1.24	PM 2.5 analyzer (APM 550EL)	item24	5	Nos
1.25	hand-held monitor	item25	1	Nos
1.26	Geneious Prime	item26	1	Nos
1.27	Fluorescence microscope	item27	2	Nos
1.28	ELISA Reader	item28	2	Nos
1.29	Fluorescence spectrophotometer	item29	5	Nos
1.30	PCR machine	item30	5	Nos
1.31	Gel documentation system	item31	3	Nos
1.32	Gel apparatus	item32	2	Nos
1.33	Supplying, fitting and fixing of Overhead Projector, 4K, -PRO-UHD etc. all complete.	item33	5	Nos

1.34	Wall type pull down screen 6ft x 4 ft, HD, 3D, 4K –technology	item34	5	Nos
1.35	Interactive whiteboard, 78 inch.	item35	4	Nos
1.36	Projection screen (82 inch white board diagonal(4:3))	item36	4	Nos
1.37	Ambient light rejecting dry erase	item37	2	Nos
1.38	Digital podium	item38	2	Nos
1.39	Wireless remote control presenter	item39	1	No
1.4	Automated Tungsten Carbide Sample Grinding Ball- Mill(for sample preparation)	item40	1	No
1.41	Polarizaing Transmitted and Reflected Microscopes for identification of samples	item41	1	No
1.42	Sartorius Precision Balance Model : Practum 213-10IN	item42	1	No
1.43	Centrifuge MiniSpin, incl. standard rotor, 230V/50-60Hz Real Time PCR	item43	2	Nos
1.44	Refrigerated Shaker Incubator	item44	1	No
1.45	Tissue Homogeniser	item45	1	No
1.46	Microplate Absorbance Reader - For ELISA (\$5000~ )	item46	1	No
1.47	Probe Sonicator	item47	1	No
1.48	BOD Incubator Shaker	item48	1	No
1.49	Tarson 8 channel Pipettman	item49	5	Nos
1.5	Tarson Variable Volume Pipette	item50	5	Nos
1.51	Binocular light Microscope	item51	4	Nos
1.52	Concentrator plus	item52	1	No
1.53	Water Quality Multiparameter tester	item53	2	Nos
1.54	Seed germinator	item54	2	Nos
1.55	Environment controlled poly house (300 sq.m)	item55	1	No
1.56	Auto temperature regulated Insect growth chamber for mass culture (with 6 vertical tiers)	item56	1	No
1.57	Spectrophotometer (within 4-5 L) for insect feed nutritional analysis	item57	1	No
1.58	Cadence EDA(University Standard Bundle)	item58	1	No
1.59	Synopsys EDA(Synopsys TCAD+ CustomIC Design Toolset)	item59	1	No
1.6	Mentor Graphics EDS(Mentor Graphics HEP1 & HEP2)	item60	1	No
1.61	Embedded / AI and ML based FPGA system (Xilinx Zync )	item61	1	No
1.62	Embedded / AI and ML based FPGA system (Xilinx Pynq with accessories )	item62	5	Nos
1.63	Autoclave	item63	2	Nos
1.64	Electronic balance	item64	2	Unit
1.65	Heavy Duty Mixer Grinder	item65	2	Unit
1.66	Heavy Duty Pellet Making Machine, 4HP, SKU: SAC-PM-981	item66	2	Unit
1.67	Hot air oven, Brand: BTL	item67	2	Unit
1.68	Stereomicroscope	item68	1	No
1.69	Head lens	item69	2	Nos
1.7	Magnifying loops	item70	6	Nos
1.71	USB Microscope	item71	1	No
1.72	Magnetic stirrer	item72	2	No
1.73	Hygrothermograph	item73	1	No
1.74	RH Meter	item74	1	No
1.75	UV Monitor	item75	1	No
1.76	Ultrasonic Humidifier	item76	1	No
1.77	Fume Extractor	item77	1	No
1.78	Colour Chart & Scale	item78	2	Nos
1.79	UV light (In tube form)	item79	1	No
1.8	IR light (Tube form)	item80	1	No
1.81	UV filter (2A wratten no.)	item81	1	No
1.82	IR Filter (87,87A,88,88A)	item82	1	set
1.83	UV protected glass	item83	2	Nos
1.84	Raspberry Pi	item84	20	Nos
1.85	Arduino	item85	20	Nos
1.86	Node MCU V3 Development Board	item86	30	Nos
1.87	LED and 1k Resistors	item87	50	Nos
1.88	Connection materials (breadboard, wires, etc...)	item88	50	Nos
1.89	DHT 11 Sensor Module	item89	50	Nos
1.9	Ultrasonic Sensor	item90	50	Nos
1.91	IR Sensor Module	item91	100	Nos
1.92	Light Dependent Resistor	item92	200	Nos
1.93	Digital Storage Oscilloscope	item93	2	Nos

**Earnest Money (EMD):-** Intending bidders are requested to deposit Rs. 50,000/- (to be deposited online) by each bidder only to be deposited by the bidder concerned electronically: online – through his net banking enabled bank account, maintained at any bank or: offline – through any bank generating NEFT/RTGS challan from the e–tendering portal. Intending bidder will get the beneficiary details from e–tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e–Proc Ref No. Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E–Procurement site.

Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires considerable time for processing of Payment of EMD.

***For getting exemption of EMD: - Bidders are requested to upload the relevant **NSIC / MSME Registered Certificate** against each item work for getting exemption of EMD, failing which their Tender will be rejected. For that they need to select the EMD page as Yes and provide the exemption type as fixed and put the actual EMD amount in Rupees and upload the exemption document.***

***N.B.: During evaluation, the bidders may be invited and clarification/ information or additional documents or original hard copy of any of the documents already submitted may be sought from them & if these are not produced within the stipulated time frame, their bid will be liable to rejection.***

### **Important Dates:**

Sl. No.	Items	Publishing Date (s)
1	Date of uploading of N.I.T. & Tender documents (online) from this end	16/09/2020 ; 05:00 pm
2	Documents downloading, Starting date (online)	16/09/2020 ; 05:00 pm
3	Bid submission, starting date (online)	16/09/2020 ; 05:00 pm
4	Bid submission, closing date (online)	30/09/2020 ; 05:00 pm
5	Bid opening date for Technical Proposal (online)	05/10/2020 ; 02:00 pm
6	Date of uploading of the list of Technically qualified Bidder (online)	To be communicated later
7	Date and Place for opening of Financial Proposal (online)	To be communicated later
8	Date of uploading of the list of bidders along with the approved rate	To be communicated later

## INSTRUCTIONS TO BIDDERS

**Instructions / guidelines for electronic submission of tenders have been annexed for assisting the contractors to participate in e- tendering.**

- I. Registration of Bidder:** - Any bidder willing to take part in the process of e –tendering will have to be enrolled & registered with the Government e – Procurement system through logging on to <https://wbtenders.gov.in>.The bidder is to click on the link for e – Tendering site as given on the web portal.
- II. Digital Signature Certificate (DSC):** - Each bidder is required to obtain a class - II or class – III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider.
- III. Collection of Tender documents:** - The bidder can search & download NIT & Tender documents electronically from computer once he/she logs on to the website mentioned in Clause 1 using the Digital Signature Certificate. This is the only mode of collection of Tender documents.

#### **IV. Cost of Earnest Money (EMD)**

Description of Items	Earnest Money (EMD) Quoted INR
Supplying, fitting, fixing and commissioning of following equipment which to be installed in different campuses for Incubation centres under University of Calcutta from RUSA 2.0( Comp.10) grant during the year 2020-21.	Rs. 50,000 /- (To be deposited Online)

#### **V. Submission of Tenders:-**

- a. General process of submission:** - Tenders are to be submitted through online to the website <https://wbtenders.gov.in> in two folders at a time for each work, one is Technical bid and other is Financial Bid, before the prescribed date and time using the Digital Signature Certificates.
- b. Technical Bid:-** Technical Bid contains scanned copies of the followings further in two covers (folder):
- NIT
  - EMD or exemption of EMD Certificate (NSIC / MSME Registered Certificate)
  - Credential
  - GST, PAN
  - P-Tax
  - Relevant trade license
  - For Exemption of EMD, relevant MSME/NSIC Registered Certificate.

- c. Online bid submission (Bidder/Contractor) process in <https://wbtenders.gov.in> portal, download the pdf file.

<https://wbtenders.gov.in/nicgp/app?component=%24DirectLink&page=BiddersManualKit&service=direct&session=T&sp=SFUYGgFbsFY0A3Fp2KziwO2%2FVowZwVnRXQfMmjoH%2Fn%2BINAT7PO%2BHMgQI5FFHZ3RkVIXPd8Y04M8ue%0ADA0V3WhnuA%3D%3D>

## VI. Statutory Cover Containing

- i) For NIT and Corrigendum if any (Download the NIT and upload the same by through digital signature).

## VII. NON-STATUTORY/MY DOCUMENTS containing the following documents:

Sl.No.	Category	Sub Category	Sub-Category Description
A.	Certificates	Certificates	1. PAN Card
			2. Professional Tax Registration Certificate
			3. GST Registration Certificate
			4. Valid Trade License
			5. ISO Certificate
			6. NSIC / MSME Registered Certificate for getting Exemption of EMD.
			7 For non-registered organizations under NSIC/MSME, EMD documents are to be enclosed.
B.	Credential	50% of the total amount of work in government, autonomous organization, state universities.	

### **Rejection of Bid:**

*Tender Committee reserves the right to accept or reject any Bid and to cancel the Bidding processes & reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Tender Committee's action.*

**Note: Failure of submission of any of the above mentioned documents will render the tender liable to be summarily rejected for both statutory & non statutory cover.**

## VIII. Financial Bid:- BOQ in INR (in excel sheet)

- i) The financial bid should contain the following documents in one cover (folder) i.e. Bill of Quantities (BOQ). The contractor is to quote the rate through online in the space marked for quoting rate in the BOQ.
- ii) Only downloaded copies of the above documents are to be uploaded, virus scanned & digitally signed by the contractor.

## **IX. Opening & Evaluation of Tender:-**

### **Opening of Technical Bid:**

i) Technical bid will be opened by the University of Calcutta Officials. Intending bidders may remain present if they so desire. Statutory Cover (folder) would be opened first & if found in order and correct Non Statutory Cover (folder) will be opened. If there is any deficiency in the Statutory & Non statutory documents the tender will summarily be rejected.

ii) Decrypted (transformed in to readable formats) documents of the non statutory cover will be downloaded & handed over to the evaluation committee.

iii) List of technically qualified bidders would be uploaded.

**NB: While evaluation, the committee may invite the bidders & seek clarification/ information or additional documents or original hard copy of any of the documents already submitted & if they are not produced within the stipulated time frame, their bid will liable for rejection.**

### **X. Opening and evaluation of Financial Bid:**

Financial bid of bidders declared technically eligible by the Committee will be opened electronically from the web portal on the prescribed date and time.

### **XI. Penalty for suppression / distortion of facts:**

Submission of false document by bidder is strictly prohibited and will be liable for rejection of the tender.



Registrar and Nodal Officer of RUSA  
University of Calcutta