



Memo No: AC/467/18-19

Dated:15-02-2019

## **Notice Inviting e-Tender**

Tender is invited for a Microwave-Ultraviolet-Ultrasonic Synthesis system i.e. Microwave Reactor from the reputed and authorized vendors / marketing agents/ service agents/ dealers for equipment of Chemistry Laboratory for supply, installation(if any) and delivery at Academic Building (1st Floor), School of Sciences (SoSci) at Kalyani Regional Centre, Netaji Subhas Open University (NSOU), Ghoshpara Station Road, Kalyani, Nadia, West Bengal. Interested bidders are to participate in the bidding process as per specifications and conditions mentioned below in the Annexure - I & II.

### **DATE AND TIME SCHEDULE**

Date of Publication of Tender Online through website <a href="https://wbtenders.gov.in/">https://wbtenders.gov.in/</a>	18.02.2019 after 17.00 Hrs.
Date of Document Download Start	19.02.2019 after 14.00 Hrs.
Date of Bid Submission Start	19.02.2019 after 16.00 Hrs.
Date of Bid Submission Closing	28.02.2019 before 17.00
Date of Opening of Technical Bid	04.03.2019 at 12.00 Noon
Date of Opening of Financial Bid	To be notified Later

Contact No. 7278530993/9433151129/9051162059

Finance Officer  
Netaji Subhas Open University  
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## **ANNEXURE - I**

### SPECIFICATION OF INSTRUMENT

Sl No	Item	Description of Item	Quantity (approx)
1	Microwave-Ultraviolet-Ultrasonic Synthesis system i.e. Microwave Reactor	<p>Microwave Frequency - 2450 MHz Installed Microwave Power - 1800 Watt Internal Microwave Chamber - 42 L, Corrosion and rust resistant material, Maximum Output Power - 1000 W, Non-Pulsed Continuous Automatic UV light Setup - UV irradiation of different Wavelength - 365nm, UV Light Power - 300W Ultrasonic Setup: Working Frequency should be 26 to 28 KHz; Power Regulation range 0 to 800 W Magnetic Stirring: High Power Magnetic Stirrer with adjustable stirring speed up to 2400RPM. Exhaust system of chamber: It should be Corrosion-Resistant</p> <p>Integrated Systems: Instrument is equipped with Inert Gas Purging facility, Reflux and Vacuum Temperature Measurement - High Precision temperature sensor operating from 0°C to 300°C, Monitoring System - HD Camera with external Display of the process and reaction inside the chamber and should display real-time temperature, stirring speed, reaction graphs Main-Display: Acid-Resistant Touch Screen Software: Versatile software to precisely control and adjust Microwave Power, Temperature, Time, UV light, Stirring Speed. UV Light, Ultrasonic and Microwave Programme can be used simultaneously or separately.</p> <p>Safety: proper ventilation, vapor sensing, and pressure relief on vessels, Overheat Cut-Off. System, malfunction warning. Vessel capacity: include the range from 10 mL to 1000mL Volume of glass or flask: 25 ml, 50 ml, 100 ml, 250 ml, 500 ml, 1000mL. Volume of Quartz: 100ml, 250ml Glass accessories: should include reflux Condensing Pipe, Balance Dispenser, Oil-Water separator and T-connector, Stopper, etc.</p>	1

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## **ANNEXURE – II**

### **GENERAL TERMS & CONDITIONS**

1. The Bidders should have Experience in similar type of supply as specified in the Annexure I.
2. The Bidders should have legal compliance such as: (1) GST Number, (2) PAN / TAN &(3) Trade License.
3. The bidders are to participate in the bidding process for the Tender only online at <https://www.wbtenders.gov.in>. as per prescribed formats.
4. Price should be including GST
5. Price shall be quoted in INR only.
6. Incomplete and Conditional Bids will be summarily rejected without assigning any reasons thereof.
7. Tenders must be submitted in two Separate Bids- (1) Technical Bid covering all the credentials noted above, (2) Financial Bid as specified in Annexure - I. The Technical Bid, if found suitable to meet the specifications noted above, will be followed by Financial Bid.
8. The place of work is at the Kalyani Regional Centre, Netaji Subhas Open University, Ghosh Para Station Road, Kalyani, Nadia.
9. Quantity of itmes to be supplied may vary at the time of order.
10. The judicature of any legal disputes will be under the Hon'ble High Court, Calcutta.
11. The Authority of NETAJI SUBHAS OPEN UNIVERSITY reserves the right to reject the entire bid received without assigning any reason thereof.
12. Proof of authorization and Instrument's catalogue copy must be submitted
13. The applicant bidders to participate in the bidding process are to fill in the following Formats given in the page No. 4,5 and BOQ.

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To  
The Finance Officer  
Netaji Subhas Open University  
DD 26, Sector – 1, Salt Lake  
Kolkata – 700064

Ref: Memo No: AC/467/18-19 Dated: 15-02-2019

Sub: Submission of Bid – Technical & Financial with reference to the above.

Sir,

As per guidelines given in the Tender Notice we are quoting the itemwise value and the total amount in the prescribed BOQ format in the Financial bid along with the Technical Credentials supported with relevant documents as applicable. We have read all the terms and conditions given in the Tender Notice and do hereby undertake to obey the rules and regulations of e-Tender.

With regards

Signature with Seal & Date:

Name of Signatory:

Name of Organization:

Mailing Address:

Mobile No of Contact Person:

Email Address of the Organization:



### CHECK LIST OF TECHNICAL SPECIFICATION

SL. No.	Particulars	Put Y if Yes/N if No Respectively
1	Experience in similar type of supply as specified in the Annexure I	
2	Legal compliance such as: (1) GST Number, (2) PAN / TAN	
3	Copy of proof of authorization of delaership	
4	Instrument's catalogue copy	

Signature with Seal & Date:

Enclosures:

1. Copy of GST Registration Certificate
2. Copy of PAN & TAN  
Copy of Proof of Experience in similar type of job. Quality of design & work specified in the Annexure I
3. Copy of proof of authorization of delaership
4. Instrument's catalogue copy

Signature with Seal & Date: