

Limited Tender Enquiry

For

Supply, Installation and Commissioning of
WaveVortex10 Rotator (Equipment)

At

Department of Chemistry, Faculty of Science,
University of Allahabad, Prayagraj

NIT No.: CHEM/109/23

NIT Issue Date: 07.12.2023

Last Date of Submission: 03.01.2024 (05:00 PM)



University of Allahabad, Prayagraj

www.allduniv.ac.in,

www.eprocure.gov.in

UNIVERSITY OF ALLAHABAD

Limited Tender Enquiry (LTE)

Subject:- LTE for supply, installation and commissioning of WaveVortex10 Rotator at Department of Chemistry, Faculty of Science, University of Allahabad (UoA).

Dear Sir/Ma'am,

The University intends to purchase WaveVortex10 Rotator with commissioning and installation at Department of Chemistry in **Faculty of Science, University of Allahabad**. Kindly send your QUOTATIONS giving lowest rates per unit along with terms and conditions if any in Sealed Covered envelope addressed to **Purchase Officer, Purchase & Stores Department, University of Allahabad, Prayagraj, (UP), Pin-211002**. This has to reach to the office on or before **03.01.2024 till 5.00 PM**. The word "**Quotation for supply, installation and commissioning of WaveVortex10 Rotator at Department of Chemistry in Faculty of Science, UoA**" with our reference no. of LTE and date of LTE must be clearly mentioned on the sealed envelope.

GENERAL TERMS AND CONDITIONS FOR LIMITED TENDER ENQUIRY (LTE)

1. Mode of submission: Bid documents to be furnished by the bidder in 1 sealed envelope containing following 2 packets:
 - a. Technical bid (All documents other than price bid in sealed envelope).
 - b. Financial bid (Containing price bid in specified format in a sealed envelope)
2. While submitting the quotation following should invariably be mentioned:
 - a. Details of complete specification with model and manufacturer name and address should be given while quoting. Literature / Pamphlets should also be enclosed wherever applicable.
 - b. Lowest rate F.O.R. destination. Period of validity of quoted prices – (Minimum Six Months).
3. If you are manufacturer of the items or if you have proprietary distribution/sales authorization, please mention it in the quotation.
4. For items of equipment nature, the Instruction Manual, Diagram of the circuit drawing, etc must be supplied along with supply without which the delivery shall be incomplete.
5. Vendor must enclose an authorization certificate of the company with tender document.
6. Please fill in and return the Suppliers Profile Form & Mandate Form annexed at Annexure 'A' and Annexure 'B'.
7. Non Transferable tender:

Neither the contract nor any rights granted under the contract may be sold, leased, sublet, assigned or otherwise transferred, in whole or in part, by the vendor and any such attempts shall be void and of no effect without the advance written consent of the University of Allahabad.
8. The rates quoted by the bidders must be inclusive of supply, installation, commissioning, transportation, insurance, training/support and warranty, taxes and duties.
9. Rates must clearly indicate all taxes and the discounts offered, if any.
10. **An Earnest Money Deposit of Rs. 26,000/- (Rupees Twenty Thousand only) in the form of Demand Draft /Bankers Cheque or Bank Gurantee drawn in favor of Finance Officer, University of Allahabad payable at Prayagraj** shall be submitted along with the Technical bid. Agency/Firm/Company registered with NSIC/MSME will be given benefit as per rules.

Note 1: EMD will not accrue any interest.
Note 2: The EMD shall be returned to the unsuccessful bidders after the Notification of Award of Tender.
Note 3: The bids not accompanied with earnest money shall be summarily rejected.
Note 4: The EMD amount of the successful bidder will be returned after the completion of warranty period.
11. The tenderer should also mention the validity period of quotation.
12. No advance payment or payment against performa invoice will be made to the successful bidder.

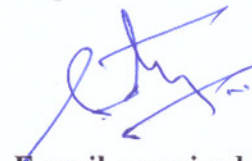
13. All the pages of the bid document being submitted must be signed and sequentially numbered by the bidder. Unsolicited / conditional / unsigned tenders shall not be considered.
14. IT, TT and GST would be recovered as per rules.
15. **Special Terms & Conditions are also attached.**
16. All the above instructions along with STC must be complied, failing which your offer may be liable for rejection.
17. All suits shall be in the courts of **Allahabad Jurisdiction** only.
18. Terms & conditions of purchase as per University rules shall be applicable.
19. Tender should be addressed to the "**Purchase Officer, Purchase & Stores Department, University of Allahabad, Prayagraj- 211002 (U.P.)**". Quotations will be received only through **Speed Post/Register Post in Purchase & Stores Department, UoA. Quotations received other than Purchase Office and after the due date and time shall not be considered.**
20. If required number of quotations will not be received by the last date of the LTE, the date may be extended as per rule.

SPECIAL TERMS & CONDITIONS (STC)

1. Bidder must quote as per technical specification.
2. Supply and installation shall be completed in 30 days of receipt of purchase order at the University Campus. The offered delivery period shall have to be strictly adhered to incase an order is placed.
3. **Schedule for completion of task** after issue of Purchase order will be as follows which has to be strictly adhered by the successful bidder:

a. Supply and installation of WaveVortex10 Rotator	-	30 days
b. Testing and acceptance of the WaveVortex10 Rotator	-	15 days
4. **Inspection and Acceptance:**
 - a. System will be considered as installed and accepted only after successful uninterrupted operation of the entire system at the site for period of minimum 15 days.
 - b. Payment will be made only after Installation, inspection and testing of surveillance system.
5. Operational services will be provided free of cost up to warranty period. Charges after warranty period may be quoted.
6. Tender conditions, if any, or otherwise sent with the quotation shall not be binding on us.
7. The acceptance of the quotation will rest with the competent authority of Allahabad University, who does not bind himself to accept the lowest quotation and reserves the right to himself to reject, or partially accept any or all the quotation without assigning any reasons.
8. **Liquidated damages** rate for delay in delivery is 0.5% per week & max. 10% of the total amount.
9. **Scope of supply** (bid price includes all cost components):
 - a. Supply, installation, testing and commissioning of goods with 1 year standard warranty at University of Allahabad, Prayagraj.
 - b. Warranty for a period of one year for the entire system which includes rectification/replacement of defective components and preventive maintenance like checking of software functioning, critical components of the equipment, etc are covered under the scope of vendor.
 - c. Any application software as required for completion of the project is covered under the scope of vendor.
 - d. For Software which is used in the system for a period of not less than 1 year must have genuine license key and software backup system, to restore the data for a period not less than year, if the system crashes due to any reason.

10. Equipment supplied shall be warranted against any manufacturing defects, poor workmanship, defective material and quality design. Their performance shall also be warranted. Warranty period shall be 1 year from the date of commission. If any equipment is found defective regarding design construction or performance, the same shall be replaced free of cost. The to and fro freight charges shall be borne by the vendor during warranty period.
11. The vendor should also supply or demonstration/training if required regarding the operational procedure of the system.
12. Tenderer must have experience of WaveVortex10 Rotator sale with installation in last 3 years in any PSU/ Central/ State / Central or State Funded organization.(Proof of experience must be enclosed with the quotation).



Indenter

E-mail. ssamireddi@allduniv.ac.in

**Assistant Professor
Department of Chemistry
University of Allahabad
Prayagraj - 211002, U.P., India**

Technical Bid

Technical specifications mentioned below are minimum. Any better specification will also be accepted.

Sr. No.	Item Name	Specification	Compliance (Yes/ No)	Deviation (if any)
01	WaveVortex 10 Rotator	<p>Rotation Head:</p> <ul style="list-style-type: none"> • Rate Accuracy: 100 to 200 RPM: Accurate to within ± 2 counts of display reading. 200 to 8000 RPM: Accurate to within $\pm 1\%$ of display reading • Rate Display: four-digit display for the indication of RPM. • Rate Control (front panel): 10-turn rotation rate control knob. • Start/Stop (front panel): push-button toggle with LED indicators for pause and run. • Rate Control (external): should have provision for rate control via input signal on external I/O port as optional with available control ratios: 1, 2, or 4 RPM/mV, jumper selectable. • Start/Stop (external): should have provision for digital motor stop input signal on external I/O port as optional. Available TTL logic: active high or active low, jumper selectable. Front panel LED indicates when external motor stop is active. • Enclosure Interlock: interlock prevents rotation when enclosure window is in raised position. Front panel LED indicates enclosure interlock state. • Rate Output: should have provision for rate monitoring via output signal on external I/O port as optional including output signal ratio: 2 RPM/mV. <p>Motor:</p> <ul style="list-style-type: none"> • Motor Power: 11 W • Control Method: Closed loop servosystem (PWM). Temperature-compensated tachometer mounted on motor shaft. • Motor Type: Permanent magnet • Max. Continuous Torque: 18.7 mN m • Motor Protection: Motor current is electronically limited. <p>Electrical:</p> <ul style="list-style-type: none"> • Power Supply: 220 VAC, $\pm 10\%$; 50 Hz; 2A <p>Instrument Dimensions:</p> <ul style="list-style-type: none"> • W: 15 in (38 cm), D: 11 in (28 cm), H: 15 in (38 cm) • Clearance required to raise enclosure window: 24 in (61 cm) <p>RDE / RRDE shaft:</p> <ul style="list-style-type: none"> • The shaft with 15.0 mm OD PEEK should be integrated with the rotator unit. • It should be compatible with Glassy Carbon RDE Tip of 5.0 mm disk OD, 15.0 mm OD PTFE shroud. 		

		<ul style="list-style-type: none"> • It should be compatible with Change Disk RDE Tip of 15.0 mm OD PEEK shroud, PTFE U-Cup insulator accepts 5.0 mm OD disk inserts. • It should be compatible with High-Efficiency RRDE Tip, Fixed Glassy Carbon Disk, Fixed Platinum Ring, 43.9% Collection Efficiency, 15.0 mm OD PEEK shroud. • It should be compatible with Change Disk RRDE Tip with Platinum Ring, 15.0 mm OD PEEK shroud, PTFE U-Cup insulator, accepts 5.0 mm OD disk inserts. • The shaft should be compatible with gas purge bearing assembly for future upgradation. <p>Electrode Connections Brush:</p> <ul style="list-style-type: none"> • Electrode connections should be made to the rotating shaft using silver-carbon brushes. <p>Other:</p> <ul style="list-style-type: none"> • The supplier should have prior experience to supply at least 10 (ten) same instruments to the government customer like IIT, IISER, CSIR lab etc. • OEM for electrode rotator and RDE/RRDE tip must be same. 		
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Signature with Seal

Assistant Professor
Department of Chemistry
University of Allahabad
Prayagraj - 211002, U.P., India

Financial Bid as per technical specification along with 1 year warranty

Sr. No.	Item Name	Qty	Rate per Unit	Tax Percentage (%)	Total Cost (inclusive of taxes)
01	WaveVortex10 Rotator along with its specifications as per technical bid	01			


Signature with Seal
Assistant Professor
Department of Chemistry
University of Allahabad
India

UNIVERSITY OF ALLAHABAD

(A Central University)

Supplier Profile Form

1. Firm's Name : _____
2. GST No. : _____
3. Owner's Name : _____
4. Aadhar No. of Owner : _____
5. Full Postal Address : 1. (Head Office) _____
 _____ PIN _____
 2. (Local Office) _____
 _____ PIN _____
6. E-mail address : _____
7. Website address : _____
7. Contact Person's Name: _____
8. Contact No. : Phone No. _____ Mobile No _____
 : E-mail: _____
 : City: _____ State: _____
9. PAN NO. : _____
10. Shop and Establishment Act Registration No : _____
11. Manufacturer or Supplier : _____
 (In case of supplier please enclose authorization of your Principal)
12. EMD Details:
 a. Amount (in Rs.) -: _____
 b. DD/BG no. and Date -: _____
 c. Drawn on Bank -: _____
 d. Valid up to (date)-: _____
13. Work Experience of past 3 years in PSU/Central/State/ Central or State Funded organization

S.N.	Year of work	Name of the organization	Tender Amount (in Rs.)	Experience Certificate Attached (document no.)
	2022			
	2021			
	2020			

Note: (i) Supplier must print GST No. on their Letter Head / Bill / Quotations

(ii) Enclose Xerox copy of the required documents (GST, PAN, work experience, etc)

Signature with Seal

Mandate Form for Payment-2019**Public Fund Management System(PFMS) Facility for receiving Payments****Details of Account Holder/Firm:**

1.	Firm/Contractor/Agency	
2.	Name of Account Holder	
3.	Complete Contact Address	
4.	Telephone Number	
5.	E-mail	

Bank Accounts Details:

1.	Name of the Bank viz. SBI/PNB	
2.	Branch Name with Complete Address	
3.	Telephone Number and E-mail of Bank Branch	
4.	Whether the Branch is computerized?	
5.	Whether the Branch is RTGS enabled? If yes, then what is the Branch's IFSC Code?	
6.	Is the Branch also NEFT enabled	
7.	Type of Bank Account (SB/Current/Cash Credit)	
8.	MICR Code of Bank	
9.	Complete Bank Account Number	
10.	Repeat Bank Account Number	

Date:

Signature of Customer

I hereby certify that all the details mentioned above are true to my knowledge and belief.

Bank Stamp

Signature of Branch Manager

Name

Mobile No

E-mail