



# UNION CHRISTIAN COLLEGE

(Affiliated to Mahatma Gandhi University, Kottayam)

Re-Accredited with 'A' Grade (Cycle-3) by NAAC

Post Box: 5

Aluva- 683 102

Ernakulam Dt. Kerala

Fax: 91-484- 2607534, 2609194

2606033, 2609194

Email: ucc@uccollege.edu.in

## TENDER NOTICE

21/06/2023

No. 1/23/DST/WOS-A/PM-87/2021

Sealed tenders are invited for the purchase of the following equipment under DST- WOS A project titled "Fabrication of heterostructured ZnO nanophotocatalysts for antimicrobial activity and photodynamic Therapy" (Ref. no.: DST/WOS-A/ PM-87/2021) with Ms. Surya Mary A, Principal Investigator, Research Scholar, Dept. of Physics, Union Christian College, Aluva, to the Department of Physics, Union Christian College, Aluva, Kerala as per the specification appended.

No	Equipment	Specifications
1	Photochemical Reactor	<ol style="list-style-type: none"><li>1.Quart's photo reactor system for gas &amp; dyes studies 50 - 250 ml, QUANTITY-ONE</li><li>2.Central quarts jacket Reactor tube for Lamp &amp; cooling water with hose 8 to 10 mm Quantity –one</li><li>3.Lamp 450 watts medium pressure (uv spectrum)</li><li>4.Lamp 450 watts high pressure (vis spectrum)</li><li>5.Lamp 450 watts manual non-digital power supply pressure (uv spectrum)</li><li>6.Micro du layer pu coated safety cabinet with exhaust fan &amp; led</li><li>7.Hot plate Magnetic stirrer RPM Digital 100- 2000rpm with 0-220 temp.</li><li>8.Supporting stand with mounting plate</li><li>9.Silicon Teflon sampling Arrangement with syringe1</li><li>10.Photochemical reactor outer side:- Height- 43 inch Depth- 20 inch Width- 24 inch</li><li>11.One ice box with all attachment of circulating water by a submersion pump (one extra pump) in Quartz reactor.</li><li>12. 250 W, 400 W, 1000 W extra visible light lamp</li><li>13.Borosilicate jar in which the samples were kept should have a diameter at least 65mm.</li></ol>



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2.	Magnetic stirrer with hot plate	1.Capacity 5 L 2.Stirring speed 0 to 1500 RPM 3.Working Temp. RT to 350°C
3.	Digital pH meter	1.pH range 0.00 to 14.00 range 2.LED display 3.Resolution 0.01 pH 4.Accuracy 0.01 pH $\pm 1$ digit

**Please provide two quotations for Photochemical reactor– One with a Submersion pump and another with Chiller.**

The envelopes containing the tender should bear the superscription "Tender, Purchase of Equipment- DST/WOS-A Project, Department of Physics" and should be addressed to The Principal, Union Christian College, Aluva, Kerala, 683102.

The tenders should keep the rates of items firm at least for a period of four months.

Last date for receipt of tenders will be **14/07/2023, 3.00 pm**. Late tenders will not be accepted.

The tender forms with detailed specifications and terms and conditions can be downloaded from the college website ([www.uccollege.edu.in/tenders](http://www.uccollege.edu.in/tenders)) and should submit a demand draft worth Rs.500 + 18% GST favoring "The Principal, Union Christian College, Aluva", payable at Aluva.

The tenders will be opened at **3.30 pm** on **14/07/2023** in the presence of tenderers or their authorized representatives who may be present at that time.

Intending tenderers may, on application to the THE PRINCIPAL, UNION CHRISTIAN COLLEGE, ALUVA-2 obtain the requisite tender forms on which tenders should be submitted.

Application for the tender form should be accompanied by a cash remittance of 0.2% of the quoted amount (minimum Rs 500/-) (+ 18% GST) which is the price fixed for a form/set of forms and which is not refundable under any circumstances. The tender forms are not transferable.

An agreement has to be executed by you in the prescribed form on stamp paper of value Rs.200/- purchased in the Kerala state as per store Purchase Manual 2013 along with the sealed tender.



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## The tender documents should contain:

1. Prescribed tender form and declaration (can be downloaded from the website [www.uccollege.edu.in/tenders](http://www.uccollege.edu.in/tenders)) duly signed and sealed.
2. Tender agreement ([www.uccollege.edu.in/tenders](http://www.uccollege.edu.in/tenders)) on a stamp paper worth Rs.200 duly signed and sealed.
3. Detailed technical specifications and original brochure and literature supporting technical specifications.
4. Compliance to payment condition and delivery period and place of delivery.
5. Warranty and Training details if any.
6. Price of the equipment and its accessories, of essential spare parts.

Aluva

21/06/2023



Principal

Union Christian College, Aluva  
**Prof. Dr. M. I. Punnoose**  
Principal  
Union Christian College, Aluva-2



Sl. No	Item	Specifications (Model and Make)	Unit	Rate (Rs.Ps)	Remarks



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Period within which items should be delivered: One month after the receipt of order

Other special conditions: Price should be inclusive of taxes.

Place

Name & Address of Tenderer:

Date

Signature:

## TERMS AND CONDITIONS

1. The latest model shall be quoted and certified.
2. The quoted price should include cost of the instrument, freight, insurance, customs duty, clearance charges, entry tax (if applicable at the time of installation), installation and commissioning.
3. Payment terms: 75% of the total value will be released on presentation of dispatch documents through bank. Balance 25% after successful commissioning and acceptance by the end user.
4. Customs duty percentage and the CIF price on which it is based should be clearly specified in the tender and if the customs duty exemption certificate is secured the corresponding amount will be deducted from the bill.
5. The tenderers should verify and make sure that the claims made by them against items towards Sales tax, customs duty, excise duty etc., are not more than those permissible under the provisions of the laws in force, and that they will refund any excess claims admitted in this respect.
6. The offers should be kept open for a period of four months from the date of opening tenders. Acceptance of the offers will be intimated to the successful tenderers within that period. Tenderers will however, be given the option to keep their offers open for a further agreed period if there be any delay in intimating the acceptance.
7. The installation should be done by the supplier free of cost.
8. Delivery period: The equipment and its accessories should be completely supplied, installed and commissioned to the satisfaction of the Department of Physics within 45 days from the date of supply order or date of L/C whichever is later.





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9. Warranty: The entire equipment and its accessories should have comprehensive **warranty of two years** from the date of acceptance by the end user. If any spares are to be imported during warranty period, the cost, insurance, freight, customs duty and clearance charges should be given by the vendor.
10. The rates of terms of AMC (both comprehensive and labour) for a minimum period of three years after the warranty period shall be clearly specified. Both comprehensive and labour AMC amounts will be taken into consideration for final selection.
11. During warranty and AMC period, the vendor shall give an uptime guarantee of 95% or more.
12. Training: In order to fully and optimally utilize the equipment, necessary on site training should be given to the Physics department staff free of cost
13. List of installations in Kerala over the past three years shall be provided.
14. Number of trained engineers available in Kerala and nearest service station shall be mentioned.
15. Wherever options are called for in respect of specifications, the tenderer should induct all such options.
16. The exact specifications, details of make, model number, name of manufacturer etc., of the equipment offered must be clearly specified. Copies of detailed technical literature and illustrated brochures of the units quoted are to be included along with the offer. Offers without these are liable to be rejected. List of users giving the exact address of the contact persons and the model number of the units available at these locations have to be provided.
17. Instrument operating manuals have to be provided along with the supply.
18. Evidence of exclusive/authorized distributorship from foreign principals should be provided along with the offers for overseas products.
19. Period of firmness of the quoted prices should be clearly stated in the offer.
20. The undersigned reserves the authority to accept or reject any or all of the offers for any particular item without assigning any reason whatsoever.
21. All the rules and regulation applicable to Government tenders will be applicable to this tender also.
22. The tenderer must give an agreement on a stamp paper worth Rs.200/-.
23. The following declaration should be given by the tenderer while submitting the tender:



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## Declaration

(a) I/we have downloaded the tender form from the internet site [www.uccollege.edu.in](http://www.uccollege.edu.in) and I/we have not tampered / modified the tender forms in any manner. In case, if the same is found to be tampered / modified I/we understand that my/our tender will be summarily rejected and full earnest money deposit will be forfeited and the contract will be terminated at my/ our risk and cost.

(b) I/we am/are submitting a demand draft no. \_\_\_\_\_ dated \_\_\_\_\_ issued by \_\_\_\_\_ for Rs. \_\_\_\_\_ towards the cost of tender form.

Signature of Tenderer:

Date:

Address:

(Seal)

Q