



# UNION CHRISTIAN COLLEGE

(Affiliated to Mahatma Gandhi University, Kottayam)

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14/06/2018

No. ...837/18.....

## TENDER NOTICE

Sealed tenders are invited for the purchase of various items under DST (SERB) project titled “**Microwave Synthesis and Characterization of Zinc Aluminate based Nanophosphors for Display and Biomedical Applications**” (EMR/2017/002882) with Dr. E. I Anila , Principal Investigator, Associate Professor, Dept. of Physics, Union Christian College, Aluva. to the Department of Physics, Union Christian College, Aluva, Kerala as per the specification appended. The tenders super scribed '**Purchase of Equipment to the Department of Physics under DST/SERB/EIA Project**' should reach The Principal, Union Christian College, Aluva, Kerala, 683102 Latest by **2.00 PM on 18 July 2018** .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 favoring "The Principal, Union Christian College, Aluva", payable at Aluva as the tender fee with following amount.

Cost of Tender form is as follows according to the total amount quoted:	
Particulars	Cost of tender forms original (Rs) by DD
Supplies costing above'.Rs.100000/-- and up to Rs.10 lakh	0.2% of the cost of the items rounded to the nearest multiple of 100, subject to a minimum of Rs.400/- and Maximum of 1500/-+GST (12%)
Last date & time for the receipt of tender	18/7/2018, 2.00 pm

### 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. List of installations in Kerala and details of service facility in Kerala
5. Compliance to payment condition and delivery period and Place of delivery
6. Warranty and Training details if any.
7. Price of the equipment and its accessories, of essential spare parts.

The tenders duly filled and signed by the tenderer along with necessary documents should be submitted to The Principal, Union Christian College, Aluva on or before 2.00 PM, 18<sup>th</sup> July-2018. The Tender will be opened at 2.00 PM, 18<sup>th</sup> July 2018 at the College office of Union Christian College, Aluva in the presence of such tenderers or their representatives who may be present at that time. The Principal, Union Christian College, Aluva, reserves the right to accept or reject all or any tender at his sole discretion without assigning any reason. For legal purposes, the cause of action will be deemed to have arisen in Ernakulum, Kerala state, India.

The List and specifications of the items are given below.\*

Sl No.	ITEM	SPECIFICATIONS
1	Microwave digestion system which includes a Laboratory Microwave Oven and a Microwave Furnace	<p><u>Laboratory Microwave Oven</u>( This is for the synthesis of semiconductor nanoparticles from precursor solution):</p> <ul style="list-style-type: none"> <li>• Adjustable power</li> <li>• Timer</li> <li>• Stirrer system for achieving uniform heating</li> <li>• Temperature sensor</li> </ul> <p><u>Microwave digestion vessel (bomb)</u>- Sealed container designed with a pressure relief device</p> <p><u>Microwave Furnace</u></p> <ul style="list-style-type: none"> <li>• Temperature 1600<sup>o</sup>C (Max)</li> <li>• Rate of heating –greater than 20<sup>o</sup>C/minute</li> </ul>

*[Handwritten Signature]*  
 PRINCIPAL  
 UNION CHRISTIAN COLLEGE, ALUVA-2  
 Aluva-683102, Kerala, India

