

ANNEXURE 12

FORM OF SHORT TENDER NOTICE

Tender No. 5/2021-2022 /GCW

Govt. College for Women,
Vazhuthacaud ,
Thiruvananthapuram.

Estimated Amount: **3,20,000/-**

Sealed tenders are invited for the supply of the following stores- Purchase of **Cooled Incubator** to Common Instrumentation Lab- **2202 -03 -103 -61 -"Autonomous colleges and establishing Lead colleges as Integrated Hubs" -Plan 2020 -2021.**

The envelopes containing the tender should bear the superscription "**Tender for the supply of Cooled Incubator to Common Instrumentation Lab-**" and should be addressed to Principal, Govt. College for Women, Vazhuthacaud, Thiruvananthapuram - 14.

Last date for the receipt of tenders will be **05/03/2022 11.30am** Late tenders will not be accepted. The tenders will be opened at 02.00 p. m. on 05/03/2022 in the presence of such of the tenderers or their authorized representatives who may be present at that time.

Intending tenderers may, on application to the Principal, Govt. College for Women , Vazhuthacaud, Thiruvananthapuram obtain the requisite tender forms on which tenders should be submitted. Application for the tender form should be accompanied by a cash remittance of **Rs. 1120/-+GST(18%). GST amount of the tender form Rs.202/-should be remit on reverse charge mode by the registered tax payer and the printout of the chalan should be submitted to office)** 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. Sale of tender forms will be closed at 11.00 a. m. on 04/03/2022 Cheques, postage stamps, etc., will not be accepted towards the cost of forms, nor will the forms be sent per V. P. P. Duplicate tender forms, if required will be issued at Rs.600/- per copy.

The Earnest Money deposit @ 1% of the total amount tendered for subject to a minimum of Rs.1500/- should be accompanied by Demand Draft in favour of the **Principal, Government College for Women, Thiruvananthapuram** or fixed deposit receipts. The tenderers who are eligible for exemption from payment of EMD/Security deposit should enclose a copy of the latest certificate in support of the name issued by Government of Kerala, Store Purchase Department Dus & D etc. Otherwise the tender will be summarily rejected. The right to accept or reject the tender without assigning any reason thereof is vested with the undersigned. Total tendered amount must be specified clearly in the tender.

NB: The price to be quoted in the tender must be inclusive of all taxes.

Place: Vazhuthacaud

Date: 21/02/2022.

(Name and Designation of Issuing
Officer).

Approval Valid

Digitally Approved By

Dr.Chandini Sam S.P

Date: 28.02.2022

Reason: Approved

1. ITEM- COOLED INCUBATOR

The item should be meant for high end biological research for high impact journal publications.

1. Imported, The chamber should be made of Stainless Steel and should be easy to clean
2. The chamber external housing should be made of textured stainless Steel
3. The internal volume should be > 50 Litres.
4. The temperature range should be Ambient less 20 Deg C to 70 Deg C. The unit should be able to reach 5 Deg C with an ambient temperature of 25 Deg C
5. The temp variation in time at 37 Deg C should be < +/- 0.2 Deg C or better and temp uniformity should be < +/- 0.5 Deg C or better.
6. The unit shall be fitted with minimum 1 Nos Stainless Steel grids and there should be facility to accommodate total of 4 or more grids/shelves
7. The outer door should be insulated and should be made of Stainless Steel and the inner door should be made of glass.
8. The system should use energy saving Peltier based Heating and cooling system
9. The controller should have a indication / setting accuracy of 0.1 Deg C or better.
10. The unit should be equipped with a adjustable over temperature protection controller class 3.1 or a adjustable temp limiter class 2 and the same should be selectable on the display
11. The unit should have 1 independent PT 100 sensor DIN Class A with 4 wire circuit
12. The controller should have touch panel controller and the internal memory should be capable of storing the test data for app 8 years or more.
13. The controller should have facility to be recalibrated without connecting to an external PC
14. The unit shall be equipped with a Ethernet interface and necessary software to link the PC to the machine for downloading the internal data should be provided.
15. The controller should have a facility to display the temperature in either Deg C or DegF as and when required
16. It should be possible to set all the parameters via the touch panel control.
17. In the event of an power failure the programme data should be stored
18. The unit shall be equipped with standard factory calibration certificate at + 10 Deg C and + 37 Deg C
19. The unit should be able to work with 230 V +/- 10 % , 50 Hz Supply and the power consumption should not exceed 175 watts
20. The unit shall carry a warranty of 2 years and 3rd year AMC from the date of commissioning.
21. The manufacturer must have a management system certified to ISO 9001.
22. The operational training shall be given at the time of commissioning