

FORM OF SHORT QUOTATION NOTICE

No.D2/3536/17/GECTCR

Government Engineering College Thrissur

Sealed quotations are invited for the supply of the following stores for Chemical engg. department of this institution:

Seperate List Attached

Approximate cost Rs. 99000/- (Rupees Ninety Nine Thousand Only)

The envelopes containing the quotation should bear the superscription "Qtn. No.D2/81/17-18 due on 03/08/17" and should be addressed to the Principal, Govt. Engg. College, Thrissur, Kerala. Intending tenderers may submit the quotations on their own papers.

Last date for receipt of quotations is 03/08/2017 2.00pm Late quotations will not be accepted. The quotations will be opened at 11.00am on 04/08/2017 in the presence of such of the tenderers or their authorized representatives who may be present at that time. The maximum period required for delivery of the articles should also be mentioned.


Details of the requirements and the conditions governing their supply can be obtained free on request from Principal, Govt. Engg. College, Thrissur, Kerala. till 03/08/2017 2.00pm

Place:Thrissur

Date: 19-7-17

copy to

- 1.Office
- 2.Notice board
3. HOD, Chemical Engineering Department


Dr. J. David

Principal



Sl. No.	Instrument with specification	No. of units required
1.	<p><u>Peristaltic Pump</u></p> <ol style="list-style-type: none"> 1. No. of Channels : One RPM : 10 to 196 (with direct digital display readout) 2. Flow rate : 120 ml to 24 Lit/hr. (1.2 lit to 24 lit/hr with 5mm I.D. tubing) 3. Tubing : 1 mm to 5mm I.D. with 1 to 1.6mm wall thickness 4. <u>M.O.C. of the Pump Head</u> <ol style="list-style-type: none"> i. Outer ARM : Anodised Aluminium ii. ARM Cover : Transparent Polycarbonate iii. Rotor : S.S.316/S.S.304 iv. Rollers : Carbon filled Nylon 5. Enclosure : Powder Coated Aluminium 6. Motor : PMDC geared motor(Cont.Duty) 7. Differential Pressure : Upto 2.5 Kg/Sq.Cm 8. Accuracy : +/-2% 9. Supply : 230v, 50Hz, Single phase AC 10. Dimension : 120 x 225 x 290mm (H x W x D) 11. Weight : 6 Kgs(App.) 	1

2.	Conductivity meter(LCD display) <ol style="list-style-type: none"> 1. Conductivity Range 0 to 20.00, 200.0, 2000 $\mu\text{S}/\text{cm}$; 20.00, 200 mS/cm. 2. TDS Range 0 to 10.00, 100.0, 1000 ppm; 10.00, Max. 100 ppt (depending on factor setting) 3. Resolution 0.05% of Full Scale 4. Accuracy $\pm 1\%$ Full Scale + 1 LSD 5. Temperature Range -10.0 to 110.0 $^{\circ}\text{C}$ (14.0 to 230 $^{\circ}\text{F}$) (Meter) 6. Resolution & Accuracy 0.1 $^{\circ}\text{C}$ & ± 0.5 $^{\circ}\text{C}$ (0.9 $^{\circ}\text{F}$) 7. Calibration for Conductivity Automatic (single or multi-point up to 4 points) / Manual (up to 5 points) 8. Calibration for TDS Manual (up to 5 points - 1 per range) 9. Normalization Temperature 15.0 to 30.0 $^{\circ}\text{C}$ 10. Cond. to TDS Conversion Factor 0.40 to 1.00 (selectable) 11. Cell Constant 0.1, 1.0 or 10.0 (selectable) 12. Temperature Coefficient 0.0 to 10.0 $\%/^{\circ}\text{C}$ (adjustable) 13. Memory- 100 Data Sets 	1
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	<p>14. Special Functions; Auto-ranging; Auto-calibration, Auto-hold; Stability Indicator & Self-diagnostic</p> <p>15. Input – 8 pin DIN</p> <p>16. Power- AC/DC 9V, using 6W adapters 100/240VAC, 50/60 Hz</p>	
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