

# Department of Environmental Science



## THE UNIVERSITY OF BURDWAN

GOLAPBAG, BURDWAN-713104

WEST BENGAL, INDIA

Phone No. : (0342)2659255

Date: 06.01.2022

Tender no. : ENVSC/PUR/21-22/1

Sealed quotations are invited for the purchase of the following items complying with the specifications mentioned as follows. Quotations should be sent to the address mentioned below and last date of receiving quotation is 17.01.2022

### Address for communication:

To  
The Head  
Department of Environmental Science  
The University of Burdwan  
Golapbag More  
Burdwan  
713104

### 1. Potable multi-parameter meter for water testing:

Product Specification	Description
<b>pH Range</b>	0.00 to 14.00 pH
Resolution	0.01 pH
Accuracy	±0.01 pH
pH Calibration Points	Up to 5 (Auto)
<b>Conductivity Range</b>	0 to 199.9 µS/cm 200 to 1999 µS/cm 2.00 to 20.00 mS/cm
Resolution	0.1 µS/cm 1 µS/cm 0.01 mS/cm
Accuracy	±1% Full Scale
Conductivity Calibration Points	3 Auto 3 Manual
Normalization Temperature	25.0 °C
Temperature Coefficient	0.0 to 10.0%/°C
<b>TDS Range</b>	0.0 to 99.9 ppm 100 to 999 ppm 1.00 to 10.00 ppt
Resolution	0.1 ppm / 1 ppm / 0.01 ppt
Accuracy	1 % Full Scale
TDS Calibration Points	Up to 3 Points (Manual)

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TDS Factor	0.40 to 1.00
Salinity Range	0.0 to 99.9 ppm 100 to 999 ppm 1.00 to 10.00 ppt 0.0 to 1.00 %
Resolution	0.1 ppm / 1 ppm / 0.01 ppt / 0.01%
Accuracy	1 % Full Scale
Salinity Calibration Points	Up to 3 (Manual)
Temperature Range	0.0 to 50.0 °C / 32.0 to 120.0 °F
Resolution	0.1 °C/°F
Accuracy	±0.5°C/ ±0.9°F
Temperature Compensation	ATC / MTC
Non-Volatile Memory	Yes
Auto-Off	8.5 mins after last key pressed (can be disabled)
LCD Display	Dual-display LCD (2.1 x 2.7cm)
Power	4 X 1.5 V "A76" Micro alkaline batteries
Battery Life	> 150 hours
Dimensions; Weight	Boxed: 18.5 cm x 6.5 cm x 5 cm; 200 g

## 2. Manual based LED research centrifuge:

Product Specification	Description
Max Speed	17300 rpm
Max. RCF	27440g
Max. Tube size	100 ml
Max. Capacity	400 ml
W x D x H	400 x 500 x 455 mm

- Angular rotor head 8 x15 ml plastic tube
- Angular rotor head 12 x15 ml plastic tube
- **Supply: 220-240 Volts 50 Hz Single Phase**
- Steeples speed regulator with zero start interlock
- Digital speed indicator
- Dynamic brake
- 0-99 minutes digital countdown timer
- Imbalance detector with cutoff
- Safety lid interlock to prevent cover opening during centrifugation