



Department of Zoology

University of Rajasthan, Jaipur-302 004

UDZ/2024/ 2c42

Dated: 7th March, 2024

SHORT TENDER NOTICE

Sealed Short Tenders are invited from Manufactures /Authorized Distributors for the purchase of **Microprocessor Based Controller Water Analysis Kit** for the year 2023-24 under DST project : DST/TMD/EWO/WTI/DM/2021/20(G). Short Tenders must be submitted in sealed envelopes. The tender should reach this office on or before 14.03.2024 at 2.00 p.m. Received tender will be open same day dated 14.03.2024 in the presence of Tenderer /his representative at 3.30 PM . Head, Department of Zoology, University of Rajasthan, Jaipur.

Estimate cost both the item Rs.99,000/-.

Specification

Microprocessor controller Water Analysis Kit, can measure Parameters - pH, ORP, Conductivity, TDS, Salinity, Temperature, DO, Turbidity measurement & Colorimeter,. It should have user friendly & Menu Driven software, highly accurate & stable results with printer attachment facility & LCD Display with backlit.

Technical Specifications

pH : Range 0 to 14 pH

Resolution : 0.01pH

Accuracy : $\pm 0.01\text{pH} \pm 1$ digit

mV : Range 0 to $\pm 1999\text{mV}$

Resolution : 1mV

Accuracy : $\pm 0.1\%$ of range ± 1 digit

Conductivity : Range 0.00 uS/cm to 1000 mS/ cm .

Resolution : 0.01uS

Accuracy : $\pm 0.5\% \pm 1$ digit

TDS : Range 0 to 1000 ppt

Resolution : 0.1ppm

Accuracy : $\pm 0.5\%$ of range ± 1 digit.

Salinity : Range 0 to 50 ppt. (Auto Range)

Resolution : 0.1ppt

Accuracy : $\pm 0.5\% \pm 1$ digit

Temperature : Range 0°C to 100°C

Resolution : 0.1°C

Accuracy : $\pm 0.2\% \pm 1$ digit

Dissolve Oxygen : Range 0 to 20ppm

Resolution : 0.1ppm

Accuracy : $\pm 0.3\% \pm 1$ digit

Turbidity : 0 to 1000NTU

Resolution : 0.1 NTU

Accuracy : $\pm 0.3\% \pm 1$ digit

Colorimeter :Wavelength Range 400nm to 700

Peak Wavelength : 400, 420, 480, 500, 520, 540, 620, 680nm

Accuracy : $\pm 0.02 \pm 1$ digit

Resolution : 0.01

Error Indication : Clearly indicate on display.

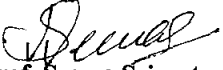
Data Storage for atleast 1000 samples.

Supplied with all electrodes & sensors, dust cover, Instruction Manual, Buffer Solutions & Temp.Probe etc.

Devdas
Professor & Head,
Department of Zoology
University of Rajasthan
Jaipur-302 004

Terms & Conditions

- All terms and conditions will be as per Rajasthan Transparency in Public Procurement Rules, 2013.
- Last date for submission of tender 14.03.2024 at 2.00 PM.
- Date of opening of tender 14.03.2024 at 3.30 PM.
- The rates are F.O.R. the respective of the UOR, Jaipur.
- Firm should submit registration certificate, GST Registration, Warranty Card of the Item, Make Model with broacher.


(Prof. Seema Srivastava)
Head of the Department

Copy for information and necessary action:-

1. Notice board.
2. The Director, Infonet center, University of Rajasthan, Jaipur is requested to upload this tender on the University website.