



No.IFSRS/430/2021

Date: 28-02-2022

QUOTATION NOTICE

Sealed quotations are invited for the supply of a Water analyzer, Electronic Balance and Water purifier with storage tank of below mentioned specifications. Interested firms can participate in the Quotation process.

Specifications for Water analyzer

Requirement: 1 No.

Instrument should be capable to estimate pH, Conductivity, TDS, Salinity and Temperature

pH range	: 0 – 14
Accuracy	: 0.01 pH
Resolution	: 0.01
pH calibration	: 2,3,4 and 5 point with user buffer facility
Electrical Conductivity	: 0.2 μ s-200mS
Resolution	: 0.01 μ s
Conductivity cell	: 0.1 and 1 Cell constant
Total dissolved solids	: 0.2 ppm – 200ppt
Accuracy	: \pm 1% of Full scale
Salinity	: 0.1-40 ppt (parts per thousand)
Resolution	: 0.01ppt
Accuracy	: \pm 2% of Full scale
Memory	: Calibration and Data up to 500
Temp.compensation	: Auto/Manual upto 50° C
Data storage	: Max 500 data
Display	: 240 x 128 LCD

Specifications for Electronic Balance

Requirement	: 2 No.
Capacity	: 600 g
Accuracy	: 10 mg
Repeatability	: 10 mg
Operating temperature	: 5 - 40°C
Remote display	: Standard- Back
Battery backup	: Rechargeable – 6V 4.5 An inbuilt
Power requirement	: 230 VAC, 50 Hz

Specification for Type III Water purifier with 100 Litre water storage tank

Requirement : 1 No.

Capacity : 100 L

Integrated lab water system that will deliver type 3 water

Feed water specifications : TDS <500 ppm

Product water : Type III > 1MΩ

: Type III TOC <200ppb

Flow rate : Type III 10 litres per hour

Easy single touch Type I water dispensing

Convenient user interface with minimum display and alarm indication like product water conductivity, low feed water alarm and power on indication.

Purification steps should involve:

: Depth filter to remove particulate

: Activated carbon to remove chlorine and organic

: Reverse osmosis membrane

: UV lamp for TOC & microbial control

: Deionization purification pack to produce type 3 water

: Provision for installing 0.2 micron filter at the point of use

: 100 Liter water storage tank with level sensor

TERMS AND CONDITIONS

1. Sealed cover containing the quotation should be superscribed 'Quotation for the supply of equipments' and addressed to the 'Professor and Head, IFSRS, Karamana' and reach the undersigned on or before 2.45 pm on 10/03/2022 and the same will be opened at 03:00 pm at the chamber of the Head of office in the presence of those quotationers or their representatives (with letter of authority from the concerned quotationers) who are present at that time.
2. Late and incomplete quotations will not be considered at any circumstances.
3. The prices (including tax) and specifications of each items should be stated separately.
4. The warranty of the equipments should be stated clearly.
5. 5% of the cost of the item should be deposited as security deposit, either in the form of demand draft in favour of the 'Professor & Head, IFSRS, Karmana' or 'Bank Guarantee' and an agreement should be executed on stamp paper worth Rs.200/- on receiving firm supply orders.
6. The rules and regulations pertaining to Government quotations/Tenders will be applicable.
7. Professor and Head, IFSRS, Karamana shall have full power to accept or reject the tender without assigning any reason, to do so.

Dr. JACOB JOHN
Professor and Head

//Approved for Issue//

Administrative Assistant

