

Quotation Notice No.5/22-23 dtd.20/12/2022

Sealed quotations are invited from the manufacturers/Authorized Distributors for the supply of the following items for implementing the project under Non Plan grant for the year 2022-23.

LABORATORY INSTRUMENTS

Sl.No	Items	Specifications	Qty
1	COD Digestion Unit	8 positions, Capacity – 250 ml × 8 tubes, Heating block - Aluminium, Temp range -Ambient to 180°C, Temp accuracy ±1 °C, Display-Graphical LCD, with time & temp control knobs, Printer & USB connectivity, Power -1400 watt, 6A	1
2	Electronic Pipette Filling Device	Plunger-220 V	2
3	Vacuum Filtration Assembly-6way manifolds	Stainless steel, with Vacuum pump	1
4	Boro pure Glass Filtration Assembly	Glass funnel 300ml capacity, Filter support base with sintered glass filter 47mm, Glass receiver flask 2000ml, Aluminium clamp 47 mm	1
5	Heating Mantles	Flask capacity -500 ml, Flask diameter -85 mm, Exterior dimension (W*D*H)-310 ×330×160mm, Working temp 5-420 °C, LED display with time, temp & process status	10
6	Digital Colony Counter	Up to 4 digits	1

GLASS AND POLYTHENE WARES

Sl.No	Items	Specifications	Qty
1	Separating Funnel 500 ml	Pear shape with PTFE key stop cock , interchangeable stopper	5
2	Fluoride ion electrode Solution	1000 ppm	500ml
3	Ionic strength adjustor for Ion Selective Electrode	Low concentration	5000ml
4	Reagent Bottles 1ltr	Graduated with screw cap & pouring ring, Approx OD × Height 101× 225 mm, Thread specification GL 45	10
5	Reagent Bottles 500 ml	Graduated with screw cap & pouring ring, Approx OD × Height 70 × 138 mm, Thread specification GL 45	10

6	Reagent Bottles 2ltr	Amber, Wide Mouth Graduated with screw cap & pouring ring,	1
7	Reagent Bottles 1ltr	Amber, Wide Mouth Graduated with screw cap & pouring ring,	10
8	Reagent Bottles 500 ml	Amber, Wide Mouth Graduated with screw cap & pouring ring	5
9	Glass Tilt Measure 20 ml	-	2
10	Glass Tilt Measure 25 ml	-	2
11	Glass Tilt Measure 50 ml	Conical Flask 500 ml	2
12	Measuring jar 10 ml	-	2
13	Measuring jar 25 ml	-	2
14	Measuring jar 50 ml	-	2
15	Gooch crucible	Capacity 30 ml , Porosity 1 mm, Diameter of disc - 30 mm, Approx height 30 mm	4
16	Gooch crucible	Capacity 50 ml, Porosity 2 mm, Diameter of disc - 40 mm, Approx height 65 mm	4
17	Universal Graduate Tips 1000 µl	96 tips × 6 Racks/pack	1
18	Electronic Micro Pipette	Volume increment 250-5000 µl Volume range 5 ml	1
19	Beakers 2000 ml	Griffin, low form, with sprout, OD × Height 130 × 185	2
20	Auto burettes	With boroflo stop cock, class B, 07-10-2022Burette capacity 25 ml	3
21	Micropipette variable volume 0.01-1 ml	-	4
22	Bottle Top dispenser	Research model, Vol range 2.5-30 ml	2
23	Standard volumetric flask 2ltr	Grade B	5
24	Round bottom flask 500ml	Grade B	5
25	Chemical Storage Cabinet	-	1
26	Work Table	-	1
27	pH and EC meter		1
28	Mini subsystem Gel	size 10x17cm (for 8 Samples)	1
29	Mechanical Pipette	single channel, 0.1-3 µl	1
30	N2 and Mixed gas supply system for Anaerobic work station	Nytrogen cylender with Gas Mixed Gas cylender with Gas Regulator 02 numbers SS Tubing and Ss connectors- 1 no Inner guage 2 no Control valve 2 no Channel PVC -1 no PU Tube	

Audio visual Equipments

1	Amplifier	200W, 2 Zone, Built-in Media player, with necessary cables	1
2	Ultra-short throw projector	Full HD, 4000 lumen or more, 20m HDMI cable, With Wall mount & Installation	1
3	Projector screen	120inch, 8x6ft, 4:3, Auto lock	1
4	Gooseneck mic	Wired	2
5	Collar mic	Wireless	1
6	Mic stand	With gooseneck microphone stand	2
7	Microphone	Wired, Wireless two channel	1
8	Lapel Microphone	Wired, Noise cancellation, 3.5mm	1
9	Camera flash	1/8000 HSS flash speed light (Nikon D5600) with battery and charger	1

Last date of submission of quotations : 28-12-22, 3 PM

Date : 20/12/2022




Registrar
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Integrated Rural Technology Centre
Mundur, Palakkad, Kerala