CoEM

CENTRE OF EXCELLENCE IN MICROBIOME

An initiative of the Govt. of Kerala under KSCSTE

KINFRA Film and Video Park, Chanthavila, Kazhakoottam, Thiruvananthapuram, Kerala 695585, India.

NOTICE INVITING TENDERS

Centre of Excellence in Microbiome, an institution under Kerala State Council for Science, Technology and Environment (KSCSTE), Govt. of Kerala, Thiruvananthapuram invites item rate tenders on tender basis:

NIT No & date	CoEM/Purchase/Misc/Con/2025/04-TEN dated 16/06/2025
Description of NIT	Supply of laboratory Plastic ware (Listed Below)
Date of tender publication	16/06/2025
Tender Fee	Rs. 845/-
Earnest Money Deposit (EMD)	Rs. 4225/-
Date of pre-bid meeting	NA
Manufacturer's authorization or Authorised reseller certification required or not	Required: A copy of the certificate must be enclosed without fail.
Last date & time of submission of tender	30/06/2025; 10:30 AM
Date & Time of opening of technical and financial bid	30/06/2025; 12:00 PM
Mode of bidding	Two bid system

The detailed requirements, specifications of procurement and Bid document will be published on website **www.kscste.kerala.gov.in** under Tender section. If any future updates/corrigendum regarding Bid will be there, it will be only published in website **www.kscste.kerala.gov.in** during Bid period. Bidder may visit www.kscste.kerala.gov.in regularly during Bid period.

Cost of tender document (tender fee), **Rs. 845/-** and EMD, **Rs. 4225/-** as applicable to be submitted along with the tender as demand draft (preferably Canara Bank / any nationalized bank) favouring "***The Director, Centre of Excellence in Microbiome, payable at Thiruvananthapuram***" failing which the tender will be summarily rejected. EMD of unsuccessful bidders will be returned without any interest, upon finalization of contract or on expiry of validity of offer. EMD of the successful tenderer will be accounted and will be released only after the satisfactory completion of the work/service.

Completed Tender in sealed cover shall reach the "***The Director, Centre of Excellence in Microbiome, First floor - RGCB Bio Innovation Center, KINFRA Film & Video Park, Kazhakkoottam, Thiruvananthapuram- 695585***" on or before 30-06-2025; 10:30 AM. Tenders received will be opened on 30-06-2025; 12:00 PM. During tender opening, authorization by bidder is not permitted and one bidder can represent only one firm/bidder. The Bidders who have already submitted the tender fee for **Tender No. CoEM/Purchase/Misc/Con/2025/01-TEN dated 15/05/2025** are not required to pay the tender fee again for this tender. **However, the EMD (Earnest Money Deposit) must still be submitted**. Additionally, as per applicable government guidelines, only the **manufacturers** with MSME (Micro, Small and Medium Enterprises) license and located within the State of Kerala are exempted from the payment of both the tender fee and EMD. Tenders received after the last date & time mentioned will summarily be rejected.

DIRECTOR, CoEM

Signed by Sabu Thomas
Date: 16-06-2025 12:45:43

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TENDER FORM

Tender No. & Date	**CoEM/Purchase/Misc/Con/2025/04-TEN dated 16/06/2025**
Last date & time of submission of tender	**30/06/2025; 10:30 AM**
Date & Time of opening of technical and financial bid	**30/06/2025; 12:00 PM**

BIDDER DETAILS

1	**Name & Address of the Vendor/ Bidder**	
2	**Phone**	
4	**E-mail**	
5	**Contact Person Name**	
6	**Mobile Number**	
7	**Total no. of pages in the document** (to be filled mandatorily)	
8	**PAN** (Copy to be enclosed mandatorily)	Yes / No
9	**GST Number** (Copy to be enclosed mandatorily)	Yes / No
10	**Tender Fee** paid	Yes / No
11	**Earnest Money Deposit (EMD)** paid	Yes / No
12	**Manufacturer from Kerala with MSME certification** (Other MSMEs are **not** exempted from paying the tender fee and EMD)	Yes / No
13	**Manufacturer's authorization / Authorised reseller certificate** (Copy to be enclosed mandatorily)	Yes / No
14	**Detailed Technical Specifications of the list of items**	Yes / No
15	**Annexure I**	Yes / No
16	**Technical bid** (Annexure II; in separate, sealed envelope)	Yes / No
17	**Financial bid** (Annexure III; in separate sealed envelope)	Yes / No
18	**Annexure IV**	Yes / No
19	**Is a license or permit required for the supply of items? If yes, mention the authority to apply to**	
20	**No. of days within which the items can be delivered to CoEM after issue of purchase order (Maximum: 30 days)**	

(Authorized Signature with Date and Seal)

To,

The Director
Centre of Excellence in Microbiome

Detailed product list - Technical specifications

Sl. No	Details of the item(s)	Specification	Quantity
1.	Round carboywith stopcock – 5 liter capacity	❖ Material: Polypropylene (clear type) ❖ Narrow mouth ❖ Grade: Medical-grade, USP Class VI ❖ Shockproof, Leakproof & Chemical resistant ❖ Cap specification: Unilined closure with gasket suitable for microbiology labs ❖ Autoclavable (steam sterilization) ❖ Ideal for storing and dispensing lab solutions and sterile / distilled water ❖ Capacity: 5 Ltr ❖ Compliance: ISO 13485:2016 quality requirements	1 no.
2.	Round carboywith stopcock – 10 liter capacity	❖ Material: Polypropylene (clear type) ❖ Narrow mouth ❖ Grade: Medical-grade, USP Class VI ❖ Shockproof, Leakproof & Chemical resistant ❖ Cap specification: Unilined closure with gasket suitable for microbiology labs ❖ Autoclavable (steam sterilization) ❖ Ideal for storing and dispensing lab solutions and sterile / distilled water ❖ Capacity: 10 Ltr ❖ Compliance: ISO 13485:2016 quality requirements	1 no.
3.	Wash Bottle with narrow mouth- 250 ml	❖ Soft and easy to squeeze. ❖ Material: LDPE ❖ Material conforming to US FDA 21 CFR ❖ Grade: Medical grade ❖ Cap: Non-vented screw type ❖ Clour: Clear ❖ Compliance: ISO 13485:2016 quality requirements ❖ Capacity: 250 ml ❖ Chemical resistant, mild acid and base resistant	2 nos
4.	Narrow Mouth Wash Bottle – 500 ml	❖ Soft and easy to squeeze. Material: LDPE ❖ Material conforming to US FDA 21 CFR ❖ Grade: Medical grade ❖ Cap: Non-vented screw type ❖ Clour: Clear ❖ Compliance: ISO 13485:2016 quality requirements ❖ Capacity: 500 ml ❖ Chemical resistant, mild acid and base resistant	6 nos

5.	Measuring Cylinder	❖ Material: Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Colour: Clear type ❖ Graduated with 10ml to 100ml range and 1 ml intervals ❖ Meet Class B tolerances per DIN 12681/ ISO 6706. ❖ Should tolerate temperatures up to 60°C ❖ The graduations should be ring molded for better reading. ❖ Capacity: 100 ml ❖ Base: Round or hexagonal tablebase	6 nos
6.	Measuring Cylinder	❖ Material: Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Colour: Clear type ❖ Graduated with 10ml to 100ml range and 1 ml intervals ❖ Meet Class B tolerances per DIN 12681/ ISO 6706. ❖ Should tolerate temperatures up to 60°C ❖ The graduations should be ring molded for better reading. ❖ Capacity: 250 ml ❖ Base: Round or hexagonal tablebase	6 nos
7.	Measuring Cylinder	❖ Material: Polypropylene Material conforming to US FDA 21 CFR. ❖ Colour: Clear type ❖ Graduated with 10ml to 100ml range and 1 ml intervals ❖ Meet Class B tolerances per DIN 12681/ ISO 6706. ❖ Should tolerate temperatures up to 60°C ❖ The graduations should be ring molded for better reading. ❖ Capacity: 500 ml ❖ Base: Round or hexagonal tablebase	2 nos
8.	Measuring Beaker with handle	❖ Material: Polypropylene (PP) ❖ Material conforming to US FDA 21 CFR. ❖ Meets ISO/DIN 7056.and ISO 9001 & 13485 quality requirements ❖ Colour: clear type ❖ Autoclavable ❖ With sturdy handle ❖ Clear and legible volume graduation. ❖ Graduation range: 50 – 250 ❖ Interval: 25 ml ❖ Chemical resistance. ❖ Not for use on a hot plate. ❖ Capacity: 250 ml	3 nos

9.	Measuring Beakerwith handle	❖ Material: Polypropylene (PP) ❖ Material conforming to US FDA 21 CFR. ❖ Meets ISO/DIN 7056.and ISO 9001 & 13485 quality requirements ❖ Colour: clear type ❖ Autoclavable ❖ With sturdy handle ❖ Clear and legible volume graduation. ❖ Graduation range: 100 – 500 ❖ Interval: 25 ml ❖ Chemical resistance. ❖ Not for use on a hot plate. ❖ Capacity: 500 ml	2 nos
10.	Micro Tip Box	❖ Material: Polypropylene ❖ Capacity: 0.2 to 10.0 µl ❖ Confirms US FDA 21 CFR ❖ Autoclavable	20 nos
11.	Micro Tip Box	❖ Material: Polypropylene ❖ Capacity: 2 to 200 µl ❖ Confirms US FDA 21 CFR ❖ Autoclavable	30 nos
12.	Micro Tip Box	❖ Material: Polypropylene ❖ Capacity: 200 to 1000 µl ❖ PP conforming to US FDA 21 CFR ❖ Autoclavable	30 nos
13.	5 ml Macro Tips	❖ Material: Polypropylene ❖ Free of detectable, DNase, RNase and Pyrogen. ❖ Colour: Transparent ❖ Capacity: 5 ml ❖ Graduated with 1ml interval ❖ ISO 9001 &13485 compliant	100 nos
14.	Graduated tip racks for reload	❖ Material: PP ❖ Conforms US FDA 21 CFR, ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Capacity:200 µl	10 racks
15.	Graduated tip racks for reload	❖ Material: PP ❖ Conforms US FDA 21 CFR, ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Capacity:10 µl	10 racks
16.	Filter tips refill pack	❖ Material: PP ❖ Sterilized refill pack ❖ Type: Low retention with graduation mark at 2.5/5 µl and 10µl ❖ Conforms US FDA 21 CFR ❖ Autoclavable.	10 racks

		❖ Free of detectable DNase, RNase and Pyrogen ❖ Compliance: ISO 9001 &13485 ❖ Capacity:10 µl	
17.	Filter tips refill pack	❖ Material: PP ❖ Sterilized refill pack ❖ Type: Low retention with graduation mark at 2.5/5 µl and 10µl ❖ Conforms US FDA 21 CFR ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen ❖ Compliance: ISO 9001 &13485 ❖ Capacity:200 µl	10 racks
18.	Filter tips refill pack	❖ Material: PP ❖ Sterilized refill pack ❖ Type: Low retention with graduation mark at 2.5/5 µl and 10µl ❖ Conforms US FDA 21 CFR ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen ❖ Compliance: ISO 9001 &13485 ❖ Capacity:1000 µl	10 racks
19.	Micro centrifuge tube	❖ Material : Polypropylene ❖ Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:0.5 ml ❖ Pyrogen free packing	3 packs of 1000 nos / pack
20.	Micro centrifuge tube	❖ Material : Polypropylene ❖ Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:1.5 ml ❖ Pyrogen free packing	15 packs of 500 nos/pack
21.	Micro centrifuge tube	❖ Material : Polypropylene ❖ Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:2 ml ❖ Pyrogen free packing	5 packs of 500 nos./pack
22.	Micro centrifuge tube	❖ Material : Polypropylene Standards: Confirms to USP Class VI.	1 pack of 100 nos./pack

		❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:5 ml ❖ Pyrogen free packing	
23.	Rack for Micro Centrifuge Tubes	❖ Material : Polycarbonate ❖ Autoclavable ❖ Capacity:5 ml ❖ Each stand should hold 16 – 20 tubes at a time ❖ Should have leg like structures to elevate stand from table top.	4 nos
24.	Screw Cap Tubes for lysing and bead beating	❖ Material: Polypropylene ❖ Conforming to USP Class VI. ❖ Should withstand high impact lysing and bead beating ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Capacity: 2 ml ❖ Self standing ❖ Pyrogen free packing	500 nos
25.	Nitrile Gloves	❖ Quality: Powder free ❖ Size: Small ❖ Should be in a pack of 100 Nos	3 packs
26.	Nitrile Gloves	❖ Quality: Powder free ❖ Size: Medium ❖ 100 Nos Per Pack	5 packs
27.	Nitrile Gloves - Large	❖ Quality: Powder free ❖ Size: Big ❖ 100 Nos Per Pack	3 packs
28.	Hand Protector Grip Silicone	❖ Material: Ssilicone rubber ❖ Temperature: Should with stand minimum 100°C ❖ Able to carry/handle hot glassware ❖ Holding pockets to fit finger sets ❖ Need studs in gripping surface for non slip grip	2 nos
29.	Conical Bottom centrifuge tube	❖ Material ❖ Tube: PP ❖ Cap: HDPE ❖ Conforms to USP Class VI ❖ Autoclavable ❖ Leak proof tubes ❖ Need printed volume graduation with writing area on tube. ❖ Capacity: 15 ml. ❖ Packing: Sterile	6 packs of 500 tubes per pack

		❖ The product should withstand up to18000xg. ❖ Free of detectable pyrogen, RNase & Dnase. ❖ Pyrogen free packing	
30.	Conical Bottom centrifuge tube	❖ Material ❖ Tube: PP ❖ Cap: HDPE ❖ Conforms to USP Class VI ❖ Autoclavable ❖ Leak proof tubes ❖ Need printed volume graduation with writing area on tube. ❖ Capacity: 50 ml. ❖ Packing: Sterile ❖ The product should withstand up to18000xg. ❖ Free of detectable pyrogen, RNase & Dnase. ❖ Pyrogen free packing	6 packs of 500 tubes per pack
31.	Self Standing Centrifuge Tube	❖ Material Tube: PP ❖ Cap: HDPE ❖ Conforms to USP Class VI ❖ Autoclavable ❖ Leak proof tubes ❖ Max. RCF 3500 x g. 50 ❖ Capacity:50 ml ❖ Packing: Sterile ❖ 500 Nos Per Pack	1 pack of 500 tubes per pack
32.	Rack for Conical centrifuge tubes	❖ Easily detachable and assemble type ❖ Should be able to hold minimum 20 numbers of 15 ml and 50 ml tubes at the same time ❖ Should have bottom leg support to elevate rack from table top.	4 nos
33.	Rack for Conical centrifuge tubes	❖ Easily detachable and assemble type ❖ Should be able to hold minimum 8 numbers of 15 ml and 50 ml tubes at the same time ❖ Should have bottom leg support to elevate rack from table top.	4 nos
34.	Float Rack	❖ Material: Polypropylene ❖ Sould be able to hold minimum 20 microcentrifuge tubes of 1.5-2ml capacity ❖ Each hole should be numbered for sample identification ❖ Lock in hole to prevent release of tubes while floating is preferred	6 nos
35.	Microcentrifuge tube stand, grid type	❖ Material: Polypropylene ❖ Suitable for 1.5-2 ml microcentrifuge tube ❖ Should hold minimum 125 tubes at a time	4 nos

36.	Reversible Rack with Cover	❖ Material: Polypropylene ❖ Autoclavable ❖ Should allow 1.5 ml and 0.2ml PCR tubes on either sides ❖ Should hold 96 tubes of either size at a time. ❖ Compliant toFDA-21 CFR requirements	12 nos
37.	Rack for Micro Tube	❖ Material: Polypropylene ❖ Autoclavable ❖ Capacity:1.5ml ❖ Should contain minimum 20 Place for 1.5 ml tubes ❖ Compliant toFDA-21 CFR requirements. ❖ Should not contain legs to elevate rack from table top	12 nos
38.	Universal tube rack	❖ Material: Polypropylene ❖ Autoclavable ❖ Minimum 8 places for 30mm:tubes at a time ❖ Minimum 20 places for 20mm tubes :at a time ❖ Minimum 24 places for 17mm:tubes at a time ❖ Minimum 40 places for 12mm:at a time ❖ Able to rotate to any four position	12 nos
39.	Test Tube Stand	❖ Mateial: Polypropylene ❖ 20 Places ❖ Tube diameter:20 mm	4 nos
40.	Internal Threaded cryo vials	❖ Material: PP ❖ Graduation: with 0.1ml graduation interval and internal threaded ❖ HDPE closure with silicone washer ❖ Safety compliance: conforming to USP Class VI. ❖ Free of detectable pyrogens, RNase & Dnase. ❖ Capacity:1.8 ml	1000 nos
41.	Cryo Cube Box	❖ Storage of sample upto - 90°C ❖ Material: PP Autoclavable. ❖ Lid is connected to the box base by hinges and a lock on the front of the lid prevents accidental opening. ❖ 100 Place ❖ Capacity:1.8 ml ❖ Both Microcentrifuge tubes and Cryo vials need to be accomodated.	16 nos
42.	Card Board Cryo Box	❖ 100 Places for 1ml/2ml Vials.	16 nos
43.	PCR Mini Cooler with insulating solution	❖ Material: PP ❖ Acts as thermochromic self-indicator. When	1

		temperature exceeds ❖ +7°C, it indicates by changing color from violet to pink. ❖ Used for preparation of PCR reaction. ❖ 96 Place ❖ Material conforming to USP Class VI & US FDA 21 CFR	
44.	Ice Bucket with Lid	❖ Durable rigid ice bucket is unbreakable in normal use. ❖ Should have excellent insulating property ❖ Leakproof ❖ Suitable for use with liquid nitrogen, dry ice, water-ice salt solution and acetone. ❖ Capacity:2.5 Ltr ❖ Dimension in mm:335x281x118 ❖ Material conforming to USP Class VI & US FDA 21 CFR	3
45.	Cryo Gloves -	❖ Gloves have superior thermal protection for hand and arm protection in ultra cold environment ❖ Mid Arm ❖ Size: M ❖ Safety certified to meet EU CE Cat. III standards: EN 511, EN 388, EN 420.	1 pair
46.	Cryo Gloves - Mid Arm L	❖ Gloves have superior thermal protection for hand and arm protection in ultra cold environment ❖ Mid Arm ❖ Size: L ❖ Safety certified to meet EU CE Cat. III standards: EN 511, EN 388, EN 420.	1
47.	Upright Freezer Rack for Cryocube Box	❖ Material: SS ❖ Places 100 nos ❖ 8 Places ❖ Boxes depth-2 ❖ Boxes height-4 ❖ Dimension (mm)- 149x318x235	1
48.	Tissue Culture Flask	❖ Material: PS ❖ Growth area: 25cm^2 ❖ Conforming to USP class VI. ❖ TC treated non- cytotoxic surface for optimal, uniform, and better attachment and growth of adherent cells. ❖ Sterile packed ❖ Free of detectable DNA, pyrogens, RNase, and DNase. ❖ Ergonomically designed for easy handling and minimal contamination. ❖ Allows easy access of serological pipettes and cell scrapers.	200 nos

		❖ Stackable. ❖ Hydrophobic ❖ 0.2µ PTFE membrane filter provides sterile gas exchange without unscrewing the closure 25Cm² ❖ Working volume-7mL	
49.	Tissue Culture Plate	❖ Material: Polystyrene ❖ Conforming to USP Class VI. ❖ Type- 6 Well ❖ TC treated non- cytotoxic surface for optimal, uniform, and better attachment and growth of adherent cells. ❖ Sterile packed ❖ Support mammalian cell growth. Should be ideal for the expansion of cells and for performing cell-based assays. ❖ Free of detectable DNA, pyrogens, RNase, and DNase. ❖ Lid supporting for effective gas exchange. ❖ Wells should be labelled alpha numerically ❖ Presence of corrugated gripping area of the plate required ❖ Well Dimension - 35x17.5 (mm) ❖ Growth area -9.60 cm2 ❖ Working volume per well-3mL	50 nos
50.	Tissue Culture Plate- 0.2 ml working volume	❖ Material: Polystyrene ❖ Conforming to USP Class VI. ❖ Type- 96 Well ❖ TC treated non- cytotoxic surface for optimal, uniform, and better attachment and growth of adherent cells. ❖ Should provide conducive growth environment to the cells and expansion of cells ❖ Sterile packed ❖ Free of detectable DNA, pyrogens, RNase, and DNase. ❖ Design to be compatible for easy handling and minimal cross contamination. ❖ Lid should support effective gas exchange. ❖ Wells should be labelled alpha numerically ❖ Presence of corrugated gripping area of the plate required ❖ Well Dimension(mm)- 6.9x10.8 ❖ Growth area cm2 -0.33 ❖ Working volume-0.2mL	50 nos
51.	Parafilm Dispenser	❖ Smooth film withdraws and clean quick cutting blade. Dispenser holds one or two of 2” rolls or one 4”roll ❖ Two safety blades ❖ ABS plastic	2 nos
52.	Tough Tags	❖ Chemically inert polyester labels which will	1 pack of 1000 nos

		strongly ahere to all plastics and other material. ❖ Temperature resistant from - 40°C to 121° ❖ Withstand auto claving, boiling water bath, freezer temperatures, organic solvents, caustic agents and other challenges without peeling. ❖ LxB- 24 x 12.7 mm ❖ Packing 1000 Nos Per Pack ❖ Colour :white ❖ Suitable for 0.5 to 1.5ml Tubes	
53.	Cryo Tags	❖ Withstand conventional and cryogenic storage storage condition. ❖ Withstand boiling water bath at 100°C and dry heat upto 150°C without degrading. ❖ Temperature range: -196°C to 80°C ❖ Should have approximately 38x19mm (L x B)	2 x 1000 nos
54.	Petri Dish with Triple Vent	❖ Material: Polystyrene ❖ Should meet the requirements of FDA-21 CFR & ISO 24998 ❖ Size: Approx. 90 mm (diameter) x 14 mm height ❖ Sterilised ❖ Packed sterile in sleeves of 10 nos ❖ No. of vents: 3 ❖ Shape: round ❖ Surface treatment required: NO ❖ Should be manufactured in facility compliant toISO 9001 & ISO13485 quality requirements ❖ Vented dishes should have elevated lid for gas exchange and evaporation	4 x 480 / pack
55.	Petri Dish	❖ Material : Polystyrene ❖ Should meet the requirements of FDA-21 CFR & ISO 24998 ❖ Vented dishes should have elevated lid for good gas exchange and evaporation. ❖ Size: Approx. 90 mm (diameter) x 14 mm height ❖ Packing: Individually wrapped sterile packing ❖ Compliance: ISO 9001 & ISO13485 quality requirements. ❖ Free of detectable Pyrogen. ❖ No. of vents: 3 ❖ Shape: round ❖ Should be manufactured in facility compliant toISO 9001 & ISO13485 quality requirements	4 x 450/pack
56.	Petri Dish	❖ Material: Polystyrene ❖ USP Class VI and FDA 21 CFR-passed ❖ Non-vented ❖ Size: Approx. 90 mm (diameter) x 14 mm height ❖ Packing:Sleeve of 10 dishes ❖ Should be easy to Stack	1 x 480/ pack

		❖ Should be manufactured in facility compliant toISO 9001 & ISO13485 quality requirements	
57.	L Shaped Spreader	❖ Sterile, smooth spreader enables even spreading of liquid sample across the surface of agar plate without gouging or cutting the medium. ❖ Individual Packing ❖ Sterilized and packed ❖ Material: Polystyrene (PS): ❖ FDA -21 CFR compliance.	1 x 100 nos/ pack
58.	PCR Tube	❖ Material : PP conforming to USP class VI, ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Autoclavable. 3.Capacity:0.2 ml ❖ Type-flat ❖ Ultrahydrophobic and minimize sample loss	3 x 1000 nos
59.	PCR Workstation Rack	❖ Material-PP, 2.Autoclavable Convenient Polypropylene rack for 0.1/0.2 ml PCR tubes, strips and plates ❖ Free of detectable DNase, RNase ❖ 96 Places	6 nos
60.	Polygon Magnetic Stirrer Bar	❖ Maerial: PTFE / ALNICO V MAGNET ❖ Different sizes of 2 pieces each (8×14 mm, 8×22 mm, 8×30 mm, 8×40 mm and 1 piece each of 8×50 mm, 8×65 mm).	1
61.	U V Safety Goggles	❖ Light weight comfortable eyewear provides UV protection. ❖ Polycarbonate lenses have integrated side shield. ❖ Clear Anti-Fog Coated Lens ❖ Lens material: Polycarbonate ❖ Frame material: Nylon ❖ Scratch resistant coating ❖ Adjustable temple and a universal nose bridge	1
62.	Micro Tips	❖ Volume: 1000 µL ❖ Type: Blue Beveled Graduated ❖ Material: PP ❖ Conforming to US FDA 21 CFR, ❖ Autoclavable ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Graduation mark: 250 µL, 500 µL & 1000 µL (Engraved Graduation Mark preferred) ❖ Compliance: ISO 9001 &13485 quality requirements.	8 x 500 nos/ pack
63.	Micro Tips -	❖ Material: PPCompliant to US FDA 21 CFR, ❖ Autoclavable.	8 x 1000 nos/ pack

		❖ Free of detectable DNase, RNase and Pyrogen. ❖ Volume: 200 µl	
64.	Micro Tips	❖ Material: PP ❖ conforming to US FDA 21 CFR, & USP Class VI. ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ 200 µl (Yellow preferred) ❖ Graduation Mark at 10 µL, 50 µL & 100 µL volumes preferred ❖ Compliance: ISO 9001 &13485 quality requirements.	5 x 1000 nos/ pack
65.	Long Stem Funnel	❖ Material conforming to US FDA 21 CFR. ❖ Funnel Material: Polypropylene ❖ Autoclavable. ❖ Should have excellent strength and chemical resistance. ❖ Designed for use with standard filter paper. ❖ Top Diameter -50 mm ❖ Compatible Filter Paper Diameter: 70mm (approx.) ❖ Compliance with ISO 9001 & 13485 quality requirements	2
66.	Long Stem Funnel	❖ Material: Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Autoclavable ❖ Chemical resistance. ❖ Designed for use with standard filter paper. ❖ The funnel body angle – Aprrox.60° angle ❖ Able to perform rapid filtration ❖ Should prevent air locks. ❖ Top rim diameter -90 mm ❖ Compatible Filter Paper Diameter: 150mm ❖ Compliant to ISO 9001 & 13485 quality requirements	2
67.	Powder funnel	❖ Material:Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Colour: Transparent ❖ Autoclavable ❖ Chemical resistance. ❖ Designed for use with standard filter paper. ❖ The funnel body angle – Aprrox.60° angle ❖ Able to perform rapid filtration ❖ Should prevent air locks. ❖ Used for transferring powder. ❖ Parallel stem minimizes bridging of powder and external ribs prevent air locks. ❖ Top Dia mm-80	1

		❖ Compliance with ISO 9001 & 13485 quality requirements	
68.	Reusable Bottle Top Filter	❖ Material: Polysulfone (PSF) ❖ Autoclavable. ❖ Filter housing can be screwed onto a standard glass media bottle with a 45 mm neck size. ❖ The removable membrane support plate is designed to provide maximum flow rate and throughput. ❖ Withstands maximum pressure of 15 psi / 1 Bar. ❖ It can be screwed securely onto glass media bottles with a 45mm neck size. ❖ Capacity-500 ml	1
69.	Handypette Pipette Aid	❖ Mateial: PP/Silicone ❖ Resistant to acids and alkalis. ❖ Users can easily insert glass/plastic pipettes into the collar with their fingers. ❖ To draw liquid, rotate the thumbwheel. To release liquid, apply light pressure to the fast-release lever. ❖ For gradual dispensing rotate the thumb wheel. ❖ Material: Polypropylene/Silicone ❖ Capacity:10 ml	4 nos

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An initiative of the Govt. of Kerala under KSCSTE
KINFRA Film and Video Park, Chanthavila, Kazhakoottam, Thiruvananthapuram, Kerala 695585, India.

TERMS & CONDITIONS

1. Tender Documents shall be available only on KSCSTE Website and not for sales elsewhere.
2. The bids will be opened on the date as mentioned in the NIT. Bidders or their representatives may be present during the opening of bids, if they wish to be present. CoEM will evaluate the bids as per the terms of the tender. Those bids, which fulfil the technical requirements and are responsive to the tender requirements will only be considered. Those bids which are found to be either non-responsive, not satisfying the technical requirements or both will be rejected.
3. All pages of the bid must be **sealed, signed, sequentially numbered and legible**. The **Technical Bid** and **Financial Bid** shall be placed in **separate sealed envelopes**, clearly marked as such, and both these envelopes should be enclosed within a **single main sealed cover**. Each inner envelope must also be properly **sealed, signed, and labeled**.
4. During the bid evaluation, the CoEM may, at its discretion, ask the Bidder for clarifications of their bid in writing/e-mail and the bidder is also required to provide the clarification in writing/e-mail. No change in the price or substance of the bid shall be sought, offered or permitted.
5. CoEM will award the contract to the Bidder whose bid has been determined to be substantially responsive, technically qualified and the Overall Lowest Quoted Evaluated Bid.
6. Delivery at the destination provided by CoEM should strictly be completed within the stipulated period of delivery i.e. within 30 days from issue of the purchase order.
7. If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to 0.5 percent of the delivered price of the delayed Goods or unperformed Installation for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of 10 Percent.
8. Manufacturer's authorisation or authorised reseller certificate and detailed technical specifications of the list of items must be sent along with the bid.
9. The items must be of superior quality and must comply with the standards of leading manufacturers such as Axygen, Trueline, Tarsons or its equivalents.
10. CoEM reserves the right to cancel the order in case the items are not supplied within the stipulated period or non - fulfilment of contractual obligations.
11. Payment will be made only after the satisfactory completion of service for which the supplier shall submit bills in duplicate. In case of any defects to the materials supplied by the bidder, it should be replaced prior to release of the payment.
12. The quoted rates shall be inclusive of all taxes and also the bidder shall include charges like GST, freight, handling, loading, unloading, insurance premiums and placement at the facility supply and deployment. No compensation will be paid in case of any upward revision in the statutory taxes and levies or introduction of new taxes and levies.
13. A firm should submit only one proposal. If a firm submits more than one proposal, all such proposals shall be disqualified. Also, must comply with the Technical Specification, General Conditions and Format/Requirements for Technical and Financial proposal.
14. Price quoted should be valid for 90 days from the due date of the tender.
15. The CoEM may, at its discretion, extend the deadline for submission of bids specified in the NIT, in which case all rights of the CoEM and all obligations of the Bidders will thereafter be subject to the deadline as extended.
16. CoEM reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders. The CoEM reserves the right to negotiate with the Bidder having the Lowest Evaluated Bid.
17. The courts at Thiruvananthapuram shall have jurisdiction over any dispute regarding this tender.

18. Interested bidders are to submit their duly signed and sealed quotation along with all requisite documents as per prequalification in separate sealed envelope superscribing "Tender No. CoEM/Purchase/Misc/Con/2025/04-TEN dated16/06/2025" on or before due date 30.06.2025, 10.30 AM.
19. Late bids will not be considered.

Bid should be addressed to:

The Director
Centre of Excellence in Microbiome
First floor- RGCB Bio Innovation Center
KINFRA Film and Video Park, Chanthavila, Kazhakkoottam
Thiruvananthapuram, Kerala - 695 585.

DOCUMENTS COMPRISING THE BID

All pages must be sequentially numbered, signed, and sealed.

1. Tender Form
2. The bidders must submit an undertaking in the prescribed format as per Annexure I.
3. The bidder must submit a brief description of the list of items, make, catalogue number, quantity and specifications as per Annexure II in a separate sealed envelope and labeled as Technical Bid.
4. Bidders must also submit a financial bid as per Annexure III in a separate sealed envelope and labeled as Financial Bid.
5. Bidders must also submit a declaration sheet as per Annexure IV.
6. Tender Fee and EMD (Exceptional cases as per the NIT)
7. PAN Copy
8. GST Number Copy
9. Manufacturer from Kerala with MSME certification (Other MSMEs are not exempted from paying the tender fee and EMD)
10. Manufacturer's authorisation / Authorised reseller certificate Copy
11. Detailed Technical Specifications of the list of items

****

ANNEXURE I

[To be submitted on letter head of the supplier]

To,

The Director
Centre of Excellence in Microbiome

UNDERTAKING BY THE TENDERER

I/WE _____ have carefully gone through the various terms and conditions mentioned in the tender document CoEM/Purchase/Misc/Con/2025/04-TEN dated 16/06/2025.

I/We am making this offer after carefully reading the conditions and understanding the same. I/We have understood the quantity of items/technical specifications and other charges required to supply and install the items, before making this offer.

This tender document has _____ pages including the attachments and all the documents including blank pages are serially numbered.

I/We hereby sign this undertaking as token of our acceptance of various conditions mentioned in tender document.

Further certified that I/WE _____ has never been debarred/blacklisted by any government organisation.

(Authorised Name & Signatory of Agency/firm with stamp)

Place: _____

Date: _____

Annexure II

Technical Bid

[To be submitted on letter head of the supplier in a separate, sealed envelope]

Sl. No	Details of the item(s)	Specification	Qty	Whether Specification is Satisfied (Yes/No)	Make of the Item	Catalogue Number of the Item
1.	Round carboywith stopcock – 5 liter capacity	❖ Material: Polypropylene (clear type) ❖ Narrow mouth ❖ Grade: Medical-grade, USP Class VI ❖ Shockproof, Leakproof & Chemical resistant ❖ Cap specification: Unilined closure with gasket suitable for microbiology labs ❖ Autoclavable (steam sterilization) ❖ Ideal for storing and dispensing lab solutions and sterile / distilled water ❖ Capacity: 5 Ltr ❖ Compliance: ISO 13485:2016 quality requirements	1 no.			
2.	Round carboywith stopcock – 10 liter capacity	❖ Material: Polypropylene (clear type) ❖ Narrow mouth ❖ Grade: Medical-grade, USP Class VI ❖ Shockproof, Leakproof & Chemical resistant ❖ Cap specification: Unilined closure with gasket suitable for microbiology labs ❖ Autoclavable (steam sterilization) ❖ Ideal for storing and dispensing lab solutions and sterile / distilled water ❖ Capacity: 10 Ltr ❖ Compliance: ISO 13485:2016 quality requirements	1 no.			

Each page must bear the signature and official seal of the bidder.

3.	Wash Bottle with narrow mouth- 250 ml	❖ Soft and easy to squeeze. ❖ Material: LDPE ❖ Material conforming to US FDA 21 CFR ❖ Grade: Medical grade ❖ Cap: Non-vented screw type ❖ Clour: Clear ❖ Compliance: ISO 13485:2016 quality requirements ❖ Capacity: 250 ml ❖ Chemical resistant, mild acid and base resistant	2 nos			
4.	Narrow Mouth Wash Bottle – 500 ml	❖ Soft and easy to squeeze. Material: LDPE ❖ Material conforming to US FDA 21 CFR ❖ Grade: Medical grade ❖ Cap: Non-vented screw type ❖ Clour: Clear ❖ Compliance: ISO 13485:2016 quality requirements ❖ Capacity: 500 ml ❖ Chemical resistant, mild acid and base resistant	6 nos			
5.	Measuring Cylinder	❖ Material: Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Colour: Clear type ❖ Graduated with 10ml to 100ml range and 1 ml intervals ❖ Meet Class B tolerances per DIN 12681/ ISO 6706. ❖ Should tolerate temperatures up to 60°C ❖ The graduations should be ring molded for better reading. ❖ Capacity: 100 ml ❖ Base: Round or hexagonal tablebase	6 nos			
6.	Measuring Cylinder	❖ Material: Polypropylene ❖ Material conforming to	6 nos			

		US FDA 21 CFR. ❖ Colour: Clear type ❖ Graduated with 10ml to 100ml range and 1 ml intervals ❖ Meet Class B tolerances per DIN 12681/ ISO 6706. ❖ Should tolerate temperatures up to 60°C ❖ The graduations should be ring molded for better reading. ❖ Capacity: 250 ml ❖ Base: Round or hexagonal tablebase				
7.	Measuring Cylinder	❖ Material: Polypropylene Material conforming to US FDA 21 CFR. ❖ Colour: Clear type ❖ Graduated with 10ml to 100ml range and 1 ml intervals ❖ Meet Class B tolerances per DIN 12681/ ISO 6706. ❖ Should tolerate temperatures up to 60°C ❖ The graduations should be ring molded for better reading. ❖ Capacity: 500 ml ❖ Base: Round or hexagonal tablebase	2 nos			
8.	Measuring Beaker with handle	❖ Material: Polypropylene (PP) ❖ Material conforming to US FDA 21 CFR. ❖ Meets ISO/DIN 7056.and ISO 9001 & 13485 quality requirements ❖ Colour: clear type ❖ Autoclavable ❖ With sturdy handle ❖ Clear and legible volume graduation. ❖ Graduation range: 50 – 250	3 nos			

		❖ Interval: 25 ml ❖ Chemical resistance. ❖ Not for use on a hot plate. ❖ Capacity: 250 ml				
9.	Measuring Beakerwith handle	❖ Material: Polypropylene (PP) ❖ Material conforming to US FDA 21 CFR. ❖ Meets ISO/DIN 7056.and ISO 9001 & 13485 quality requirements ❖ Colour: clear type ❖ Autoclavable ❖ With sturdy handle ❖ Clear and legible volume graduation. ❖ Graduation range: 100 – 500 ❖ Interval: 25 ml ❖ Chemical resistance. ❖ Not for use on a hot plate. ❖ Capacity: 500 ml	2 nos			
10.	Micro Tip Box	❖ Material: Polypropylene ❖ Capacity: 0.2 to 10.0 µl ❖ Confirms US FDA 21 CFR ❖ Autoclavable	20 nos			
11.	Micro Tip Box	❖ Material: Polypropylene ❖ Capacity: 2 to 200 µl ❖ Confirms US FDA 21 CFR ❖ Autoclavable	30 nos			
12.	Micro Tip Box	❖ Material: Polypropylene ❖ Capacity: 200 to 1000 µl ❖ PP conforming to US FDA 21 CFR ❖ Autoclavable	30 nos			
13.	5 ml Macro Tips	❖ Material: Polypropylene ❖ Free of detectable, DNase, RNase and Pyrogen. ❖ Colour: Transparent ❖ Capacity: 5 ml ❖ Graduated with 1ml interval ❖ ISO 9001 &13485 compliant	100 nos			
1	Graduated	❖ Material: PP	10 racks			

4.	tip racks for reload	❖ Conforms US FDA 21 CFR, ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Capacity:200 µl				
15.	Graduated tip racks for reload	❖ Material: PP ❖ Conforms US FDA 21 CFR, ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Capacity:10 µl	10 racks			
16.	Filter tips refill pack	❖ Material: PP ❖ Sterilized refill pack ❖ Type: Low retention with graduation mark at 2.5/5 µl and 10µl ❖ Conforms US FDA 21 CFR ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen ❖ Compliance: ISO 9001 &13485 ❖ Capacity:10 µl	10 racks			
17.	Filter tips refill pack	❖ Material: PP ❖ Sterilized refill pack ❖ Type: Low retention with graduation mark at 2.5/5 µl and 10µl ❖ Conforms US FDA 21 CFR ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen ❖ Compliance: ISO 9001 &13485 ❖ Capacity:200 µl	10 racks			
18.	Filter tips refill pack	❖ Material: PP ❖ Sterilized refill pack ❖ Type: Low retention with graduation mark at 2.5/5 µl and 10µl ❖ Conforms US FDA 21 CFR ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen ❖ Compliance: ISO 9001	10 racks			

		&13485 ❖ Capacity:1000 µl				
19.	Micro centrifuge tube	❖ Material : Polypropylene ❖ Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:0.5 ml ❖ Pyrogen free packing	3 packs of 1000 nos / pack			
20.	Micro centrifuge tube	❖ Material : Polypropylene ❖ Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:1.5 ml ❖ Pyrogen free packing	15 packs of 500 nos/pack			
21.	Micro centrifuge tube	❖ Material : Polypropylene ❖ Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:2 ml ❖ Pyrogen free packing	5 packs of 500 nos./pack			
22.	Micro centrifuge tube	❖ Material : Polypropylene Standards:	1 pack of 100 nos./pack			

		Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:5 ml ❖ Pyrogen free packing				
23.	Rack for Micro Centrifuge Tubes	❖ Material : Polycarbonate ❖ Autoclavable ❖ Capacity:5 ml ❖ Each stand should hold 16 – 20 tubes at a time ❖ Should have leg like structures to elevate stand from table top.	4 nos			
24.	Screw Cap Tubes for lysing and bead beating	❖ Material: Polypropylene ❖ Conforming to USP Class VI. ❖ Should withstand high impact lysing and bead beating ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Capacity: 2 ml ❖ Self standing ❖ Pyrogen free packing	500 nos			
25.	Nitrile Gloves	❖ Quality: Powder free ❖ Size: Small ❖ Should be in a pack of 100 Nos	3 packs			
26.	Nitrile Gloves	❖ Quality: Powder free ❖ Size: Medium ❖ 100 Nos Per Pack	5 packs			
27.	Nitrile Gloves - Large	❖ Quality: Powder free ❖ Size: Big ❖ 100 Nos Per Pack	3 packs			
28.	Hand Protector Grip Silicone	❖ Material: Ssilicone rubber ❖ Temperature: Should with stand minimum 100°C ❖ Able to carry/handle hot	2 nos			

		glassware ❖ Holding pockets to fit finger sets ❖ Need studs in gripping surface for non slip grip				
29.	Conical Bottom centrifuge tube	❖ Material ❖ Tube: PP ❖ Cap: HDPE ❖ Conforms to USP Class VI ❖ Autoclavable ❖ Leak proof tubes ❖ Need printed volume graduation with writing area on tube. ❖ Capacity: 15 ml. ❖ Packing: Sterile ❖ The product should withstand up to18000xg. ❖ Free of detectable pyrogen, RNase & Dnase. ❖ Pyrogen free packing	6 packs of 500 tubes per pack			
30.	Conical Bottom centrifuge tube	❖ Material ❖ Tube: PP ❖ Cap: HDPE ❖ Conforms to USP Class VI ❖ Autoclavable ❖ Leak proof tubes ❖ Need printed volume graduation with writing area on tube. ❖ Capacity: 50 ml. ❖ Packing: Sterile ❖ The product should withstand up to18000xg. ❖ Free of detectable pyrogen, RNase & Dnase. ❖ Pyrogen free packing	6 packs of 500 tubes per pack			
31.	Self Standing Centrifuge Tube	❖ Material Tube: PP ❖ Cap: HDPE ❖ Conforms to USP Class VI ❖ Autoclavable	1 pack of 500 tubes per pack			

		❖ Leak proof tubes ❖ Max. RCF 3500 x g. 50 ❖ Capacity:50 ml ❖ Packing: Sterile ❖ 500 Nos Per Pack				
32.	Rack for Conical centrifuge tubes	❖ Easily detachable and assemble type ❖ Should be able to hold minimum 20 numbers of 15 ml and 50 ml tubes at the same time ❖ Should have bottom leg support to elevate rack from table top.	4 nos			
33.	Rack for Conical centrifuge tubes	❖ Easily detachable and assemble type ❖ Should be able to hold minimum 8 numbers of 15 ml and 50 ml tubes at the same time ❖ Should have bottom leg support to elevate rack from table top.	4 nos			
34.	Float Rack	❖ Material: Polypropylene ❖ Sould be able to hold minimum 20 microcentrifuge tubes of 1.5-2ml capacity ❖ Each hole should be numbered for sample identification ❖ Lock in hole to prevent release of tubes while floating is preferred	6 nos			
35.	Microcentrifuge tube stand, grid type	❖ Material: Polypropylene ❖ Suitable for 1.5-2 ml microcentrifuge tube ❖ Should hold minimum 125 tubes at a time	4 nos			
36.	Reversible Rack with Cover	❖ Material: Polypropylene ❖ Autoclavable ❖ Should allow 1.5 ml and 0.2ml PCR tubes on either sides ❖ Should hold 96 tubes of either size at a time. ❖ Compliant toFDA-21 CFR	12 nos			

		requirements				
37.	Rack for Micro Tube	❖ Material: Polypropylene ❖ Autoclavable ❖ Capacity:1.5ml ❖ Should contain minimum 20 Place for 1.5 ml tubes ❖ Compliant toFDA-21 CFR requirements. ❖ Should not contain legs to elevate rack from table top	12 nos			
38.	Universal tube tack	❖ Material: Polypropylene ❖ Autoclavable ❖ Minimum 8 places for 30mm:tubes at a time ❖ Minimum 20 places for 20mm tubes :at a time ❖ Minimum 24 places for 17mm:tubes at a time ❖ Minimum 40 places for 12mm:at a time ❖ Able to rotate to any four position	12 nos			
39.	Test Tube Stand	❖ Mateial: Polypropylene ❖ 20 Places ❖ Tube diameter:20 mm	4 nos			
40.	Internal Threaded cryo vials	❖ Material: PP ❖ Graduation: with 0.1ml graduation interval and internal threaded ❖ HDPE closure with silicone washer ❖ Safety compliance: conforming to USP Class VI. ❖ Free of detectable pyrogens, RNase & Dnase. ❖ Capacity:1.8 ml	1000 nos			
41.	Cryo Cube Box	❖ Storage of sample upto -90°C ❖ Material: PP Autoclavable. ❖ Lid is connected to the box base by hinges and a lock on the front of the lid prevents accidental opening. ❖ 100 Place	16 nos			

		❖ Capacity:1.8 ml ❖ Both Microcentrifuge tubes and Cryo vials need to be accomodated.				
42.	Card Board Cryo Box	❖ 100 Places for 1ml/2ml Vials.	16 nos			
43.	PCR Mini Cooler with insulating solution	❖ Material: PP ❖ Acts as thermochromic self-indicator. When temperature exceeds ❖ +7°C, it indicates by changing color from violet to pink. ❖ Used for preparation of PCR reaction. ❖ 96 Place ❖ Material conforming to USP Class VI & US FDA 21 CFR	1			
44.	Ice Bucket with Lid	❖ Durable rigid ice bucket is unbreakable in normal use. ❖ Should have excellent insulating property ❖ Leakproof ❖ Suitable for use with liquid nitrogen, dry ice, water-ice salt solution and acetone. ❖ Capacity:2.5 Ltr ❖ Dimension in mm:335x281x118 ❖ Material conforming to USP Class VI & US FDA 21 CFR	3			
45.	Cryo Gloves -	❖ Gloves have superior thermal protection for hand and arm protection in ultra cold environment ❖ Mid Arm ❖ Size: M ❖ Safety certified to meet EU CE Cat. III standards: EN 511, EN 388, EN 420.	1 pair			
46.	Cryo Gloves - Mid Arm L	❖ Gloves have superior thermal protection for hand and arm protection in ultra cold environment	1			

		❖ Mid Arm ❖ Size: L ❖ Safety certified to meet EU CE Cat. III standards: EN 511, EN 388, EN 420.				
47.	Upright Freezer Rack for Cryocube Box	❖ Material: SS ❖ Places 100 nos ❖ 8 Places ❖ Boxes depth-2 ❖ Boxes height-4 ❖ Dimension (mm)-149x318x235	1			
48.	Tissue Culture Flask	❖ Material: PS ❖ Growth area: 25cm^2 ❖ Conforming to USP class VI. ❖ TC treated non- cytotoxic surface for optimal, uniform, and better attachment and growth of adherent cells. ❖ Sterile packed ❖ Free of detectable DNA, pyrogens, RNase, and DNase. ❖ Ergonomically designed for easy handling and minimal contamination. ❖ Allows easy access of serological pipettes and cell scrapers. ❖ Stackable. ❖ Hydrophobic ❖ 0.2µ PTFE membrane filter provides sterile gas exchange without unscrewing the closure 25Cm² ❖ Working volume-7mL	200 nos			
49.	Tissue Culture Plate	❖ Material: Polystyrene ❖ Conforming to USP Class VI. ❖ Type- 6 Well ❖ TC treated non-cytotoxic surface for optimal, uniform, and better attachment and growth of adherent cells. ❖ Sterile packed ❖ Support mammalian cell	50 nos			

		growth. Should be ideal for the expansion of cells and for performing cell-based assays. ❖ Free of detectable DNA, pyrogens, RNase, and DNase. ❖ Lid supporting for effective gas exchange. ❖ Wells should be labelled alpha numerically ❖ Presence of corrugated gripping area of the plate required ❖ Well Dimension - 35x17.5 (mm) ❖ Growth area -9.60 cm2 ❖ Working volume per well-3mL				
50.	Tissue Culture Plate- 0.2 working volume	❖ Material: Polystyrene ❖ Conforming to USP Class VI. ❖ Type- 96 Well ❖ TC treated non- cytotoxic surface for optimal, uniform, and better attachment and growth of adherent cells. ❖ Should provide conducive growth environment to the cells and expansion of cells ❖ Sterile packed ❖ Free of detectable DNA, pyrogens, RNase, and DNase. ❖ Design to be compatible for easy handling and minimal cross contamination. ❖ Lid should support effective gas exchange. ❖ Wells should be labelled alpha numerically ❖ Presence of corrugated gripping area of the plate required ❖ Well Dimension(mm)- 6.9x10.8 ❖ Growth area cm2 -0.33 ❖ Working volume-0.2mL	50 nos			
51.	Parafilm	❖ Smooth film withdraws	2 nos			

	Dispenser	and clean quick cutting blade. Dispenser holds one or two of 2" rolls or one 4"roll ❖ Two safety blades ❖ ABS plastic				
52.	Tough Tags	❖ Chemically inert polyester labels which will strongly ahere to all plastics and other material. ❖ Temperature resistant from - 40°C to 121° ❖ Withstand auto claving, boiling water bath, freezer temperatures, organic solvents, caustic agents and other challenges without peeling. ❖ LxB- 24 x 12.7 mm ❖ Packing 1000 Nos Per Pack ❖ Colour :white ❖ Suitable for 0.5 to 1.5ml Tubes	1 pack of 1000 nos			
53.	Cryo Tags	❖ Withstand conventional and cryogenic storage storage condition. ❖ Withstand boiling water bath at 100°C and dry heat upto 150°C without degrading. ❖ Temperature range: -196°C to 80°C ❖ Should have approximately 38x19mm (L x B)	2 x 1000 nos			
54.	Petri Dish with Triple Vent	❖ Material: Polystyrene ❖ Should meet the requirements of FDA-21 CFR & ISO 24998 ❖ Size: Approx. 90 mm (diameter) x 14 mm height ❖ Sterilised ❖ Packed sterile in sleeves of 10 nos ❖ No. of vents: 3 ❖ Shape: round ❖ Surface treatment required: NO ❖ Should be manufactured in facility compliant toISO	4 x 480 / pack			

		9001 & ISO13485 quality requirements ❖ Vented dishes should have elevated lid for gas exchange and evaporation				
55.	Petri Dish	❖ Material : Polystyrene ❖ Should meet the requirements of FDA-21 CFR & ISO 24998 ❖ Vented dishes should have elevated lid for good gas exchange and evaporation. ❖ Size: Approx. 90 mm (diameter) x 14 mm height ❖ Packing: Individually wrapped sterile packing ❖ Compliance: ISO 9001 & ISO13485 quality requirements. ❖ Free of detectable Pyrogen. ❖ No. of vents: 3 ❖ Shape: round ❖ Should be manufactured in facility compliant toISO 9001 & ISO13485 quality requirements	4 x 450/pack			
56.	Petri Dish	❖ Material: Polystyrene ❖ USP Class VI and FDA 21 CFR-passed ❖ Non-vented ❖ Size: Approx. 90 mm (diameter) x 14 mm height ❖ Packing:Sleeve of 10 dishes ❖ Should be easy to Stack ❖ Should be manufactured in facility compliant toISO 9001 & ISO13485 quality requirements	1 x 480/ pack			
57.	L Shaped Spreader	❖ Sterile, smooth spreader enables even spreading of liquid sample across the surface of agar plate without gouging or cutting the medium. ❖ Individual Packing ❖ Sterilized and packed ❖ Material: Polystyrene (PS): ❖ FDA -21 CFR compliance.	1 x 100 nos/ pack			
58.	PCR Tube	❖ Material : PP	3 x 1000 nos			

		conforming to USP class VI, ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Autoclavable. 3.Capacity:0.2 ml ❖ Type-flat ❖ Ultrahydrophobic and minimize sample loss				
59.	PCR Workstation Rack	❖ Material-PP, 2.Autoclavable Convenient Polypropylene rack for 0.1/0.2 ml PCR tubes, strips and plates ❖ Free of detectable DNase, RNase ❖ 96 Places	6 nos			
60.	Polygon Magnetic Stirrer Bar	❖ Maerial: PTFE / ALNICO V MAGNET ❖ Different sizes of 2 pieces each (8×14 mm, 8×22 mm, 8×30 mm, 8×40 mm and 1 piece each of 8×50 mm, 8×65 mm).	1			
61.	U V Safety Goggles	❖ Light weight comfortable eyewear provides UV protection. ❖ Polycarbonate lenses have integrated side shield. ❖ Clear Anti-Fog Coated Lens ❖ Lens material: Polycarbonate ❖ Frame material: Nylon ❖ Scratch resistant coating ❖ Adjustable temple and a universal nose bridge	1			
62.	Micro Tips	❖ Volume: 1000 µL ❖ Type: Blue Beveled Graduated ❖ Material: PP	8 x 500 nos/ pack			

		❖ Conforming to US FDA 21 CFR, ❖ Autoclavable ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Graduation mark: 250 µL, 500 µL & 1000 µL (Engraved Graduation Mark preferred) ❖ Compliance: ISO 9001 &13485 quality requirements.				
63.	Micro Tips -	❖ Material: PPCompliant to US FDA 21 CFR, ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Volume: 200 µl	8 x 1000 nos/ pack			
64.	Micro Tips	❖ Material: PP ❖ conforming to US FDA 21 CFR, & USP Class VI. ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ 200 µl (Yellow preferred) ❖ Graduation Mark at 10 µL, 50 µL & 100 µL volumes preferred ❖ Compliance: ISO 9001 &13485 quality requirements.	5 x 1000 nos/ pack			
65.	Long Stem Funnel	❖ Material conforming to US FDA 21 CFR. ❖ Funnel Material: Polypropylene ❖ Autoclavable. ❖ Should have excellent strength and chemical resistance. ❖ Designed for use with standard filter paper. ❖ Top Diameter -50 mm ❖ Compatible Filter Paper Diameter: 70mm (approx.) ❖ Compliance with ISO 9001 & 13485 quality requirements	2			
66.	Long Stem	❖ Material: Polypropylene	2			

	Funnel	❖ Material conforming to US FDA 21 CFR. ❖ Autoclavable ❖ Chemical resistance. ❖ Designed for use with standard filter paper. ❖ The funnel body angle – Aprrox.60° angle ❖ Able to perform rapid filtration ❖ Should prevent air locks. ❖ Top rim diameter -90 mm ❖ Compatible Filter Paper Diameter: 150mm ❖ Compliant to ISO 9001 & 13485 quality requirements				
67.	Powder funnel	❖ Material:Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Colour: Transparent ❖ Autoclavable ❖ Chemical resistance. ❖ Designed for use with standard filter paper. ❖ The funnel body angle – Aprrox.60° angle ❖ Able to perform rapid filtration ❖ Should prevent air locks. ❖ Used for transferring powder. ❖ Parallel stem minimizes bridging of powder and external ribs prevent air locks. ❖ Top Dia mm-80 ❖ Compliance with ISO 9001 & 13485 quality requirements	1			
68.	Reusable Bottle Top Filter	❖ Material: Polysulfone (PSF) ❖ Autoclavable. ❖ Filter housing can be screwed onto a standard glass media bottle with a 45 mm neck size.	1			

		❖ The removable membrane support plate is designed to provide maximum flow rate and throughput. ❖ Withstands maximum pressure of 15 psi / 1 Bar. ❖ It can be screwed securely onto glass media bottles with a 45mm neck size. ❖ Capacity-500 ml				
69.	Handypette Pipette Aid	❖ Mateial: PP/Silicone ❖ Resistant to acids and alkalis. ❖ Users can easily insert glass/plastic pipettes into the collar with their fingers. ❖ To draw liquid, rotate the thumbwheel. To release liquid, apply light pressure to the fast-release lever. ❖ For gradual dispensing rotate the thumb wheel. ❖ Material: Polypropylene/Silicone ❖ Capacity:10 ml	4 nos			

We hereby certify that the information and documents submitted in the Technical Bid are true and correct to the best of our knowledge. We understand that any misrepresentation may lead to disqualification. All pages of this bid have been duly signed and sealed as required.

Name of the Bidder:

Signature:

Seal:

Annexure III

Financial Bid

[To be submitted on letter head of the supplier in a separate, sealed envelope]

Sl. No	Details of the item(s)	Specification	Qty	Price	GST	Total Price
1.	Round carboywith stopcock – 5 liter capacity	❖ Material: Polypropylene (clear type) ❖ Narrow mouth ❖ Grade: Medical-grade, USP Class VI ❖ Shockproof, Leakproof & Chemical resistant ❖ Cap specification: Unilined closure with gasket suitable for microbiology labs ❖ Autoclavable (steam sterilization) ❖ Ideal for storing and dispensing lab solutions and sterile / distilled water ❖ Capacity: 5 Ltr ❖ Compliance: ISO 13485:2016 quality requirements	1 no.			
2.	Round carboywith stopcock – 10 liter capacity	❖ Material: Polypropylene (clear type) ❖ Narrow mouth ❖ Grade: Medical-grade, USP Class VI ❖ Shockproof, Leakproof & Chemical resistant ❖ Cap specification: Unilined closure with gasket suitable for microbiology labs ❖ Autoclavable (steam sterilization) ❖ Ideal for storing and dispensing lab	1 no.			

Each page must bear the signature and official seal of the bidder.

		solutions and sterile / distilled water ❖ Capacity: 10 Ltr ❖ Compliance: ISO 13485:2016 quality requirements				
3.	Wash Bottle with narrow mouth- 250 ml	❖ Soft and easy to squeeze. ❖ Material: LDPE ❖ Material conforming to US FDA 21 CFR ❖ Grade: Medical grade ❖ Cap: Non-vented screw type ❖ Clour: Clear ❖ Compliance: ISO 13485:2016 quality requirements ❖ Capacity: 250 ml ❖ Chemical resistant, mild acid and base resistant	2 nos			
4.	Narrow Mouth Wash Bottle – 500 ml	❖ Soft and easy to squeeze. Material: LDPE ❖ Material conforming to US FDA 21 CFR ❖ Grade: Medical grade ❖ Cap: Non-vented screw type ❖ Clour: Clear ❖ Compliance: ISO 13485:2016 quality requirements ❖ Capacity: 500 ml ❖ Chemical resistant, mild acid and base resistant	6 nos			
5.	Measuring Cylinder	❖ Material: Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Colour: Clear type ❖ Graduated with 10ml to 100ml range and 1 ml intervals ❖ Meet Class B tolerances per DIN 12681/ ISO 6706. ❖ Should tolerate	6 nos			

		temperatures up to 60°C ❖ The graduations should be ring molded for better reading. ❖ Capacity: 100 ml ❖ Base: Round or hexagonal tablebase				
6.	Measuring Cylinder	❖ Material: Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Colour: Clear type ❖ Graduated with 10ml to 100ml range and 1 ml intervals ❖ Meet Class B tolerances per DIN 12681/ ISO 6706. ❖ Should tolerate temperatures up to 60°C ❖ The graduations should be ring molded for better reading. ❖ Capacity: 250 ml ❖ Base: Round or hexagonal tablebase	6 nos			
7.	Measuring Cylinder	❖ Material: Polypropylene Material conforming to US FDA 21 CFR. ❖ Colour: Clear type ❖ Graduated with 10ml to 100ml range and 1 ml intervals ❖ Meet Class B tolerances per DIN 12681/ ISO 6706. ❖ Should tolerate temperatures up to 60°C ❖ The graduations should be ring molded for better reading. ❖ Capacity: 500 ml ❖ Base: Round or hexagonal tablebase	2 nos			
8.	Measuring Beaker with handle	❖ Material: Polypropylene (PP)	3 nos			

		❖ Material conforming to US FDA 21 CFR. ❖ Meets ISO/DIN 7056.and ISO 9001 & 13485 quality requirements ❖ Colour: clear type ❖ Autoclavable ❖ With sturdy handle ❖ Clear and legible volume graduation. ❖ Graduation range: 50 – 250 ❖ Interval: 25 ml ❖ Chemical resistance. ❖ Not for use on a hot plate. ❖ Capacity: 250 ml				
9.	Measuring Beakerwith handle	❖ Material: Polypropylene (PP) ❖ Material conforming to US FDA 21 CFR. ❖ Meets ISO/DIN 7056.and ISO 9001 & 13485 quality requirements ❖ Colour: clear type ❖ Autoclavable ❖ With sturdy handle ❖ Clear and legible volume graduation. ❖ Graduation range: 100 – 500 ❖ Interval: 25 ml ❖ Chemical resistance. ❖ Not for use on a hot plate. ❖ Capacity: 500 ml	2 nos			
10.	Micro Tip Box	❖ Material: Polypropylene ❖ Capacity: 0.2 to 10.0 µl ❖ Confirms US FDA 21 CFR ❖ Autoclavable	20 nos			
11.	Micro Tip Box	❖ Material: Polypropylene ❖ Capacity: 2 to 200 µl ❖ Confirms US FDA 21	30 nos			

		CFR ❖ Autoclavable				
12.	Micro Tip Box	❖ Material: Polypropylene ❖ Capacity: 200 to 1000 µl ❖ PP conforming to US FDA 21 CFR ❖ Autoclavable	30 nos			
13.	5 ml Macro Tips	❖ Material: Polypropylene ❖ Free of detectable, DNase, RNase and Pyrogen. ❖ Colour: Transparent ❖ Capacity: 5 ml ❖ Graduated with 1ml interval ❖ ISO 9001 &13485 compliant	100 nos			
14.	Graduated tip racks for reload	❖ Material: PP ❖ Conforms US FDA 21 CFR, ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Capacity:200 µl	10 racks			
15.	Graduated tip racks for reload	❖ Material: PP ❖ Conforms US FDA 21 CFR, ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Capacity:10 µl	10 racks			
16.	Filter tips refill pack	❖ Material: PP ❖ Sterilized refill pack ❖ Type: Low retention with graduation mark at 2.5/5 µl and 10µl ❖ Conforms US FDA 21 CFR ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen ❖ Compliance: ISO 9001 &13485 ❖ Capacity:10 µl	10 racks			
17.	Filter tips	❖ Material: PP	10 racks			

	refill pack	❖ Sterilized refill pack ❖ Type: Low retention with graduation mark at 2.5/5 µl and 10µl ❖ Conforms US FDA 21 CFR ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen ❖ Compliance: ISO 9001 &13485 ❖ Capacity:200 µl				
18.	Filter tips refill pack	❖ Material: PP ❖ Sterilized refill pack ❖ Type: Low retention with graduation mark at 2.5/5 µl and 10µl ❖ Conforms US FDA 21 CFR ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen ❖ Compliance: ISO 9001 &13485 ❖ Capacity:1000 µl	10 racks			
19.	Micro centrifuge tube	❖ Material : Polypropylene ❖ Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:0.5 ml ❖ Pyrogen free packing	3 packs of 1000 nos / pack			

20.	Micro centrifuge tube	❖ Material : Polypropylene ❖ Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:1.5 ml ❖ Pyrogen free packing	15 packs of 500 nos/pack			
21.	Micro centrifuge tube	❖ Material : Polypropylene ❖ Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:2 ml ❖ Pyrogen free packing	5 packs of 500 nos./pack			
22.	Micro centrifuge tube	❖ Material : Polypropylene Standards: Confirms to USP Class VI. ❖ Free of detectable pyrogens, RNase & DNase. ❖ Colour: Clear or transparent ❖ Withstand centrifugation up to 20000 x g. ❖ Capacity:5 ml ❖ Pyrogen free packing	1 pack of 100 nos./pack			
23.	Rack for Micro Centrifuge Tubes	❖ Material : Polycarbonate ❖ Autoclavable ❖ Capacity:5 ml	4 nos			

		❖ Each stand should hold 16 – 20 tubes at a time ❖ Should have leg like structures to elevate stand from table top.				
24.	Screw Cap Tubes for lysing and bead beating	❖ Material: Polypropylene ❖ Conforming to USP Class VI. ❖ Should withstand high impact lysing and bead beating ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Capacity: 2 ml ❖ Self standing ❖ Pyrogen free packing	500 nos			
25.	Nitrile Gloves	❖ Quality: Powder free ❖ Size: Small ❖ Should be in a pack of 100 Nos	3 packs			
26.	Nitrile Gloves	❖ Quality: Powder free ❖ Size: Medium ❖ 100 Nos Per Pack	5 packs			
27.	Nitrile Gloves - Large	❖ Quality: Powder free ❖ Size: Big ❖ 100 Nos Per Pack	3 packs			
28.	Hand Protector Grip Silicone	❖ Material: Ssilicone rubber ❖ Temperature: Should with stand minimum 100°C ❖ Able to carry/handle hot glassware ❖ Holding pockets to fit finger sets ❖ Need studs in gripping surface for non slip grip	2 nos			

29.	Conical Bottom centrifuge tube	❖ Material ❖ Tube: PP ❖ Cap: HDPE ❖ Conforms to USP Class VI ❖ Autoclavable ❖ Leak proof tubes ❖ Need printed volume graduation with writing area on tube. ❖ Capacity: 15 ml. ❖ Packing: Sterile ❖ The product should withstand up to18000xg. ❖ Free of detectable pyrogen, RNase & Dnase. ❖ Pyrogen free packing	6 packs of 500 tubes per pack			
30.	Conical Bottom centrifuge tube	❖ Material ❖ Tube: PP ❖ Cap: HDPE ❖ Conforms to USP Class VI ❖ Autoclavable ❖ Leak proof tubes ❖ Need printed volume graduation with writing area on tube. ❖ Capacity: 50 ml. ❖ Packing: Sterile ❖ The product should withstand up to18000xg. ❖ Free of detectable pyrogen, RNase & Dnase. ❖ Pyrogen free packing	6 packs of 500 tubes per pack			

31.	Self Standing Centrifuge Tube	❖ Material Tube: PP ❖ Cap: HDPE ❖ Conforms to USP Class VI ❖ Autoclavable ❖ Leak proof tubes ❖ Max. RCF 3500 x g. 50 ❖ Capacity:50 ml ❖ Packing: Sterile ❖ 500 Nos Per Pack	1 pack of 500 tubes per pack			
32.	Rack for Conical centrifug e tubes	❖ Easily detachable and assemble type ❖ Should be able to hold minimum 20 numbers of 15 ml and 50 ml tubes at the same time ❖ Should have bottom leg support to elevate rack from table top.	4 nos			
33.	Rack for Conical centrifuge tubes	❖ Easily detachable and assemble type ❖ Should be able to hold minimum 8 numbers of 15 ml and 50 ml tubes at the same time ❖ Should have bottom leg support to elevate rack from table top.	4 nos			
34.	Float Rack	❖ Material: Polypropylene ❖ Sould be able to hold minimum 20 microcentrifuge tubes of 1.5-2ml capacity ❖ Each hole should be numbered for sample identification ❖ Lock in hole to prevent release of tubes while floating is preferred	6 nos			
35.	Microcentrif uge tube stand, grid type	❖ Material: Polypropylene ❖ Suitable for 1.5-2 ml microcentrifuge tube ❖ Should hold minimum 125 tubes at a time	4 nos			

36.	Reversible Rack with Cover	❖ Material: Polypropylene ❖ Autoclavable ❖ Should allow 1.5 ml and 0.2ml PCR tubes on either sides ❖ Should hold 96 tubes of either size at a time. ❖ Compliant toFDA-21 CFR requirements	12 nos			
37.	Rack for Micro Tube	❖ Material: Polypropylene ❖ Autoclavable ❖ Capacity:1.5ml ❖ Should contain minimum 20 Place for 1.5 ml tubes ❖ Compliant toFDA-21 CFR requirements. ❖ Should not contain legs to elevate rack from table top	12 nos			
38.	Universal tube rack	❖ Material: Polypropylene ❖ Autoclavable ❖ Minimum 8 places for 30mm:tubes at a time ❖ Minimum 20 places for 20mm tubes :at a time ❖ Minimum 24 places for 17mm:tubes at a time ❖ Minimum 40 places for 12mm:at a time ❖ Able to rotate to any four position	12 nos			
39.	Test Tube Stand	❖ Mateial: Polypropylene ❖ 20 Places ❖ Tube diameter:20 mm	4 nos			
40.	Internal Threaded cryo vials	❖ Material: PP ❖ Graduation: with 0.1ml graduation interval and internal threaded ❖ HDPE closure with silicone washer ❖ Safety compliance: conforming to USP Class VI. ❖ Free of detectable pyrogens, RNase & Dnase. ❖ Capacity:1.8 ml	1000 nos			

41.	Cryo Cube Box	❖ Storage of sample upto -90°C ❖ Material: PP Autoclavable. ❖ Lid is connected to the box base by hinges and a lock on the front of the lid prevents accidental opening. ❖ 100 Place ❖ Capacity:1.8 ml ❖ Both Microcentrifuge tubes and Cryo vials need to be accomodated.	16 nos			
42.	Card Board Cryo Box	❖ 100 Places for 1ml/2ml Vials.	16 nos			
43.	PCR Mini Cooler with insulating solution	❖ Material: PP ❖ Acts as thermochromic self-indicator. When temperature exceeds ❖ +7°C, it indicates by changing color from violet to pink. ❖ Used for preparation of PCR reaction. ❖ 96 Place ❖ Material conforming to USP Class VI & US FDA 21 CFR	1			
44.	Ice Bucket with Lid	❖ Durable rigid ice bucket is unbreakable in normal use. ❖ Should have excellent insulating property ❖ Leakproof ❖ Suitable for use with liquid nitrogen, dry ice, water-ice salt solution and acetone. ❖ Capacity:2.5 Ltr ❖ Dimension in mm:335x281x118 ❖ Material conforming to USP Class VI & US FDA 21 CFR	3			

45.	Cryo Gloves	❖ Gloves have superior thermal protection for hand and arm protection in ultra cold environment ❖ Mid Arm ❖ Size: M ❖ Safety certified to meet EU CE Cat. III standards: EN 511, EN 388, EN 420.	1 pair			
46.	Cryo Gloves - Mid Arm L	❖ Gloves have superior thermal protection for hand and arm protection in ultra cold environment ❖ Mid Arm ❖ Size: L ❖ Safety certified to meet EU CE Cat. III standards: EN 511, EN 388, EN 420.	1			
47.	Upright Freezer Rack for Cryocube Box	❖ Material: SS ❖ Places 100 nos ❖ 8 Places ❖ Boxes depth-2 ❖ Boxes height-4 ❖ Dimension (mm)-149x318x235	1			
48.	Tissue Culture Flask	❖ Material: PS ❖ Growth area: 25cm^2 ❖ Conforming to USP class VI. ❖ TC treated non- cyto-toxic surface for opti-mal, uniform, and better attachment and growth of adherent cells. ❖ Sterile packed ❖ Free of detectable DNA, pyrogens, RNase, and DNase. ❖ Ergonomically designed for easy handling and minimal contamination. ❖ Allows easy access of serological pipettes and cell scrapers. ❖ Stackable. ❖ Hydrophobic ❖ 0.2µ PTFE membrane fil-ter provides sterile gas	200 nos			

		exchange without unscrewing the closure 25Cm² ❖ Working volume-7mL				
49.	Tissue Culture Plate	❖ Material: Polystyrene ❖ Conforming to USP Class VI. ❖ Type- 6 Well ❖ TC treated non- cytotoxic surface for optimal, uniform, and better attachment and growth of adherent cells. ❖ Sterile packed ❖ Support mammalian cell growth. Should be ideal for the expansion of cells and for performing cell-based assays. ❖ Free of detectable DNA, pyrogens, RNase, and DNase. ❖ Lid supporting for effective gas exchange. ❖ Wells should be labelled alpha numerically ❖ Presence of corrugated gripping area of the plate required ❖ Well Dimension - 35x17.5 (mm) ❖ Growth area -9.60 cm2 ❖ Working volume per well-3mL	50 nos			
50.	Tissue Culture Plate – 0.2 ml working volume	❖ Material: Polystyrene ❖ Conforming to USP Class VI. ❖ Type- 96 Well ❖ TC treated non- cytotoxic surface for optimal, uniform, and better attachment and growth of adherent cells. ❖ Should provide conducive growth environment to the cells and expansion of cells ❖ Sterile packed	50 nos			

		❖ Free of detectable DNA, pyrogens, RNase, and DNase. ❖ Design to be compatible for easy handling and minimal cross contamination. ❖ Lid should support effective gas exchange. ❖ Wells should be labelled alpha numerically ❖ Presence of corrugated gripping area of the plate required ❖ Well Dimension(mm)- 6.9x10.8 ❖ Growth area cm2 -0.33 ❖ Working volume-0.2mL				
51.	Parafilm Dispenser	❖ Smooth film withdraws and clean quick cutting blade. Dispenser holds one or two of 2" rolls or one 4"roll ❖ Two safety blades ❖ ABS plastic	2 nos			
52.	Tough Tags	❖ Chemically inert polyester labels which will strongly ahere to all plastics and other material. ❖ Temperature resistant from - 40°C to 121° ❖ Withstand auto claving, boiling water bath, freezer temperatures, organic solvents, caustic agents and other challenges without peeling. ❖ LxB- 24 x 12.7 mm ❖ Packing 1000 Nos Per Pack ❖ Colour :white ❖ Suitable for 0.5 to 1.5ml Tubes	1 pack of 1000 nos			
53.	Cryo Tags	❖ Withstand conventional and cryogenic storage storage condition. ❖ Withstand boiling water	2 x 1000 nos			

		bath at 100°C and dry heat upto 150°C without degrading. ❖ Temperature range: -196°C to 80°C ❖ Should have approximately 38x19mm (L x B)				
54.	Petri Dish with Triple Vent	❖ Material: Polystyrene ❖ Should meet the requirements of FDA-21 CFR & ISO 24998 ❖ Size: Approx. 90 mm (diameter) x 14 mm height ❖ Sterilised ❖ Packed sterile in sleeves of 10 nos ❖ No. of vents: 3 ❖ Shape: round ❖ Surface treatment required: NO ❖ Should be manufactured in facility compliant toISO 9001 & ISO13485 quality requirements ❖ Vented dishes should have elevated lid for gas exchange and evaporation	4 x 480 / pack			
55.	Petri Dish	❖ Material : Polystyrene ❖ Should meet the requirements of FDA-21 CFR & ISO 24998 ❖ Vented dishes should have elevated lid for good gas exchange and evaporation. ❖ Size: Approx. 90 mm (diameter) x 14 mm height ❖ Packing: Individually wrapped sterile packing ❖ Compliance: ISO 9001 & ISO13485 quality requirements. ❖ Free of detectable Pyrogen. ❖ No. of vents: 3 ❖ Shape: round ❖ Should be manufactured in facility compliant toISO 9001 & ISO13485 quality requirements	4 x 450/pack			

56.	Petri Dish	❖ Material: Polystyrene ❖ USP Class VI and FDA 21 CFR-passed ❖ Non-vented ❖ Size: Approx. 90 mm (diameter) x 14 mm height ❖ Packing:Sleeve of 10 dishes ❖ Should be easy to Stack ❖ Should be manufactured in facility compliant toISO 9001 & ISO13485 quality requirements	1 x 480/ pack			
57.	L Shaped Spreader	❖ Sterile, smooth spreader enables even spreading of liquid sample across the surface of agar plate without gouging or cutting the medium. ❖ Individual Packing ❖ Sterilized and packed ❖ Material: Polystyrene (PS): ❖ FDA -21 CFR compliance.	1 x 100 nos/ pack			
58.	PCR Tube	❖ Material : PP conforming to USP class VI, ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Autoclavable. 3.Capacity:0.2 ml ❖ Type-flat ❖ Ultrahydrophobic and minimize sample loss	3 x 1000 nos			
59.	PCR Workstation Rack	❖ Material-PP, 2.Autoclavable Convenient Polypropylene rack for 0.1/0.2 ml PCR tubes, strips and plates ❖ Free of detectable DNase, RNase	6 nos			

		❖ 96 Places				
60.	Polygon Magnetic Stirrer Bar	❖ Maerial: PTFE / ALNICO V MAGNET ❖ Different sizes of 2 pieces each (8×14 mm, 8×22 mm, 8×30 mm, 8×40 mm and 1 piece each of 8×50 mm, 8×65 mm).	1			
61.	U V Safety Goggles	❖ Light weight comfortable eyewear provides UV protection. ❖ Polycarbonate lenses have integrated side shield. ❖ Clear Anti-Fog Coated Lens ❖ Lens material: Polycarbonate ❖ Frame material: Nylon ❖ Scratch resistant coating ❖ Adjustable temple and a universal nose bridge	1			
62.	Micro Tips	❖ Volume: 1000 µL ❖ Type: Blue Beveled Graduated ❖ Material: PP ❖ Conforming to US FDA 21 CFR, ❖ Autoclavable ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Graduation mark: 250 µL, 500 µL & 1000 µL (Engraved Graduation Mark preferred) ❖ Compliance: ISO 9001 &13485 quality requirements.	8 x 500 nos/ pack			

63.	Micro Tips -	❖ Material: PPCompliant to US FDA 21 CFR, ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ Volume: 200 µl	8 x 1000 nos/ pack			
64.	Micro Tips	❖ Material: PP ❖ conforming to US FDA 21 CFR, & USP Class VI. ❖ Autoclavable. ❖ Free of detectable DNase, RNase and Pyrogen. ❖ 200 µl (Yellow preferred) ❖ Graduation Mark at 10 µL, 50 µL & 100 µL volumes preferred ❖ Compliance: ISO 9001 &13485 quality requirements.	5 x 1000 nos/ pack			
65.	Long Stem Funnel	❖ Material conforming to US FDA 21 CFR. ❖ Funnel Material: Polypropylene ❖ Autoclavable. ❖ Should have excellent strength and chemical resistance. ❖ Designed for use with standard filter paper. ❖ Top Diameter -50 mm ❖ Compatible Filter Paper Diameter: 70mm (approx.) ❖ Compliance with ISO 9001 & 13485 quality requirements	2			

66.	Long Stem Funnel	❖ Material: Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Autoclavable ❖ Chemical resistance. ❖ Designed for use with standard filter paper. ❖ The funnel body angle – Aprrox.60° angle ❖ Able to perform rapid filtration ❖ Should prevent air locks. ❖ Top rim diameter -90 mm ❖ Compatible Filter Paper Diameter: 150mm ❖ Compliant to ISO 9001 & 13485 quality requirements	2			
67.	Powder funnel	❖ Material:Polypropylene ❖ Material conforming to US FDA 21 CFR. ❖ Colour: Transparent ❖ Autoclavable ❖ Chemical resistance. ❖ Designed for use with standard filter paper. ❖ The funnel body angle – Aprrox.60° angle ❖ Able to perform rapid filtration ❖ Should prevent air locks. ❖ Used for transferring powder. ❖ Parallel stem minimizes bridging of powder and external ribs prevent air locks. ❖ Top Dia mm-80 ❖ Compliance with ISO 9001 & 13485 quality requirements	1			

68.	Reusable Bottle Top Filter	❖ Material: Polysulfone (PSF) ❖ Autoclavable. ❖ Filter housing can be screwed onto a standard glass media bottle with a 45 mm neck size. ❖ The removable membrane support plate is designed to provide maximum flow rate and throughput. ❖ Withstands maximum pressure of 15 psi / 1 Bar. ❖ It can be screwed securely onto glass media bottles with a 45mm neck size. ❖ Capacity-500 ml	1			
69.	Handypette Pipette Aid	❖ Mateial: PP/Silicone ❖ Resistant to acids and alkalis. ❖ Users can easily insert glass/plastic pipettes into the collar with their fingers. ❖ To draw liquid, rotate the thumbwheel. To release liquid, apply light pressure to the fast- release lever. ❖ For gradual dispensing rotate the thumb wheel. ❖ Material: Polypropylene/Silicone ❖ Capacity:10 ml	4 nos			
Total						
Total Amount in Words						

We hereby submit our Financial Bid for the above-mentioned tender. The prices quoted are firm and inclusive of all applicable taxes and charges. We understand that the rates quoted shall remain valid for the duration specified in the tender terms. All pages of the Financial Bid have been duly signed and sealed.

Name of the Bidder:

Signature: **[Seal]**

Each page must bear the signature and official seal of the bidder.

Annexure IV

[To be submitted on letter head of the supplier]

DECLARATION SHEET

I/WE, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification. It is certified that our organization has been authorised by the original manufacturer or is an authorised reseller (Copy attached) to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document.

We, further specifically certify that our organization has not been Blacklisted/De Listed or put to any interruption by any Institutional Agency/ Govt. Department/Public Sector Undertaking in the last three years.

(Authorized Signature with Seal)