



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 QUOTATION

Quotation Number	CoEM/Purchase/Misc/Con/2026/02-QTN
Date of publishing the Quotation	12/03/2026
Due date and time for receipt of quotations	21/03/2026; 10:30 AM
Date and time for opening of quotations	21/03/2026; 12:30 PM
Designation and address of officer to whom the quotation is to be addressed	The Director Centre of Excellence in Microbiome, First floor- RGC Bio Innovation Center KINFRA Film & Video Park, Chanthavila, Kazhakoottam, Thiruvananthapuram, Kerala – 695585
Superscription: Quotation for microbiology items	

Sealed quotations are invited from REPUTED AGENTS/ SUPPLIERS, preferably from Kerala, for the supply of the materials specified in the schedule attached below/overleaf for the use of Centre of Excellence in Microbiome.

GENERAL TERMS AND CONDITIONS

- Period of Delivery: Within 15 days from the date of supply order at the **Centre of Excellence in Microbiome, First floor- RGC Bio Innovation Center, KINFRA Film & Video Park, Chanthavila, Kazhakoottam, Thiruvananthapuram, Kerala – 695585.**
- The quoted rates should be inclusive of GST, freight, handling, loading, unloading, installation, testing and training etc.
- The bidder should have valid GST registration and the same must be mentioned in the quotation.
- The bidders must submit the quotations and technical compliance statement as per the format attached as **Annexure I (Part A and Part B)** and the undertaking as per **Annexure II** on their own papers/letter head with seal and sign. The technical details such as make, model, catalogue number, drawings/pamphlets etc. so as to confirm that the offered product is meeting the technical specification as per schedule of supply are to be submitted along with the quotation.
- If any license or permit is required, bidders must specify in their quotation and also state the authority to whom application is to be made
- The maximum period required for delivery of the articles should also be mentioned.
- The quotations will be opened at the prescribed time in the presence of the bidders or their authorized representatives who may wish to be present at that time.
- Acceptance of the quotation constitutes a concluded contract.
- CoEM reserves the right to cancel the order in case the items are not supplied within the stipulated period or non-fulfilment of contractual obligation

- Payment will be made only after the satisfactory supply, installation and submission of invoice in duplicate. In case of any defects, the material shall be replaced immediately prior to the release of the payment.
- The quotation should be addressed to;

Superscription: Quotation – Microbiology items

Address:

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

DIRECTOR, CoEM

Place: Thiruvananthapuram

Date: 12.03.2026

SCHEDULE OF SUPPLY

SL. No.	Description of the item(s)	Specification	Quantity Required
1.	Sodium dodecyl sulphate, Ultrapure	<ol style="list-style-type: none"> 1. Ultrapure 2. Detergent and Protein denaturant 3. Appearance : White crystals or powder 4. Solubility : 100 mg soluble in 1 mL of water gives clear to opalescent solution 5. 100 g quantity 	100g x 1
2.	MOPS Buffer, Free acid	<ol style="list-style-type: none"> 1. Appearance : White crystals or powder or solid 2. Solubility : 100 mg soluble in 1 mL of water 3. pH (10% in water at 25°C) : 3.00 - 5.00 4. 25 g quantity 	25g x 1
3.	Dextrose anhydrous Hi-AR/ACS	<ol style="list-style-type: none"> 1. Appearance : Colourless to white or almost white crystals or powder or granules or solid 2. Solubility : 100 mg soluble 1 mL of water 3. Clarity : 10% w/v aqueous solution is clear and colourless 4. 500 g quantity 	500g x 1
4.	Chloroform: Isoamyl alcohol (24:1)	<ol style="list-style-type: none"> 1. Appearance : Colourless liquid 2. Solubility : Immiscible in water 3. Density (at 20°C) : 1.446 - 1.463 4. For Molecular Biology 5. 100 ml quantity 	100ml x 1
5	Urea broth base	<ol style="list-style-type: none"> 1. For the differentiation of Proteus species from Salmonella and Shigella species. 2. Appearance: Light yellow to light pink homogeneous free 	100g x 1

		<p>flowing powder</p> <ol style="list-style-type: none"> 3. Colour and Clarity of prepared medium: Yellowish orange coloured clear solution in tubes 4. pH: 6.60-7.00 5. 100 g quantity 	
6	Tryptone	<ol style="list-style-type: none"> 1. Appearance : Off white to light yellow homogenous free flowing powder characteristic odour but not putrescent 2. Solubility : Freely soluble in distilled/purified water, insoluble in alcohol and ether 3. Clarity : 1% w/v aqueous solution is clear without any haziness after autoclaving at 15 lbs pressure (121°C) for 15 minutes 4. 500 g quantity 	500gm x 1
7	Isoamyl alcohol Hi-AR/ACS	<ol style="list-style-type: none"> 1. Appearance : Clear, Colourless Liquid 2. Density (d 20/4) : 0.806 - 0.809 g/mL 3. 500 ml volume 	500ml x 1
8	Phenol, Saturated w/10% water	<ol style="list-style-type: none"> 1. Appearance : Colourless and clear solution. 2. Solubility : 1 mL miscible with 1 mL of water 3. Density (at 25°C) : ~1.071 g/mL 4. 500 ml volume 	500ml x 1
9	3,5-Dinitrosalicylic acid (DNS)	<ol style="list-style-type: none"> 1. Used in colorimetric testing for the presence of free carbonyl groups in reducing sugars. 2. Appearance : White to yellow crystals or powder 3. Solubility : 33.3 mg soluble in 1 mL of alcohol 4. 25 g quantity 	25g x 1
10	Potassium sodium tartrate	<ol style="list-style-type: none"> 1. Used as laboratory reagent 2. Appearance : Colourless or white crystals or powder or solid 3. Solubility : 100 mg soluble in 1 mL of water 4. 500 g quantity 	500g x 1
11	L-Tyrosine	<ol style="list-style-type: none"> 1. From non-animal source 2. Appearance: White, crystals or crystalline powder 	100g x 1

		<ol style="list-style-type: none"> 3. Solubility: Very slightly soluble in water, insoluble in alcohol and in ether 4. Clarity and color of solution: 5% warm solution in 1M hydrochloric acid is clear and colorless 5. 100 g quantity 	
12	Zinc sulphate monohydrate	<ol style="list-style-type: none"> 1. Appearance : Colourless or white to faint beige crystals or powder 2. Solubility : 100 mg soluble in 1 mL of water 3. pH (5% in water at 25°C) : 4.40 - 5.60 4. 500 g quantity 	500g x 1
13	Pikovskaya's Broth (Medium), Granulated	<ol style="list-style-type: none"> 1. Appearance: White to light yellow coloured granular medium. 2. Colour and Clarity of prepared medium: Whitish with flocculant precipitate opaque solution forms in tubes. 3. 500 g quantity 	500g x 1
14	Ashby's Sucrose Broth	<ol style="list-style-type: none"> 1. Recommended for growth and maintenance of <i>Azotobacter chroococcum</i> 2. Appearance: White to cream homogeneous free flowing powder 3. Colour and Clarity of prepared medium: Colourless, opalescent solution in tubes with precipitate 4. pH: 7.20-7.60 5. 500 g quantity 	500g x 1
15	Molybdenum trioxide	<ol style="list-style-type: none"> 1. Appearance : White to slightly yellow to green or grey crystals or powder or solid 2. Solubility : 33.3 mg soluble in 1 mL of dilute sodium hydroxide solution 3. 100 g quantity 	100g x 1
16	King's Medium B Base	<ol style="list-style-type: none"> 1. Recommended for the non selective isolation, cultivation and pigment production of <i>Pseudomonas</i> species. 2. Appearance: Cream to yellow homogeneous free flowing powder 3. Gelling: Firm, comparable with 2.0% Agar gel 4. Colour and Clarity of prepared medium: Light yellow coloured, clear to slightly 	500g x 1

		<p>opalescent gel forms in Petri plates</p> <ol style="list-style-type: none"> pH: 7.00-7.40 500 g quantity 	
17	Picric Acid (Saturated, Aqueous)	<ol style="list-style-type: none"> Used for fungal staining Appearance : Yellow coloured solution. Clarity : Clear may have slight precipitate at the bottom. 100 ml volume 	100ml x 1
18	Ammonium molybdate tetrahydrate, Hi-AR™/ACS	<ol style="list-style-type: none"> Appearance : Colourless to white crystals or powder or solid, sometimes with a slight green or yellow tint Solubility : 33.3 mg soluble in 1 mL of water 100 g quantity 	100g x 1
19	Stannous chloride dihydrate, Hi-AR™/ACS	<ol style="list-style-type: none"> Appearance : Colourless or white to off-white hygroscopic crystals or powder or solid Solubility : 1000 mg soluble in 1 mL of water 100 g quantity 	100g x 1
20	Phenol red	<ol style="list-style-type: none"> Free acid, practical grade Appearance : Bright red to maroon crystals or powder or solid Solubility : 10 ppm in pH 9 aq. buffer yields clear solution 25 g quantity 	25g x 1
21	Sodium taurodeoxycholate hydrate	<ol style="list-style-type: none"> Cell culture tested Assay : $\geq 99\%$ 500 mg quantity 	500mg x 3
22	Chromazurol S (CAS) Dye	<ol style="list-style-type: none"> Histological dye Appearance : Green to brown to black crystals or powder Solubility : 30 ppm in water yields clear solution 10 g quantity 	10g x 1
23	PIPES-Piperazine N, N-bis (2-ethane sulphonic acid)	<ol style="list-style-type: none"> Appearance : White crystals or powder or solid Solubility : 33.3 mg soluble in 1 mL of 1M sodium hydroxide solution 100 g quantity 	100g x 1
24	Metaloop Ch-2 (2.00 mm diameter)	<ol style="list-style-type: none"> Used for streaking Changeable nichrome wire loop embedded in brass rod Heat resistant stainless steel handle Loop diameter : 2 mm 1 x 8 Nos. 	1 x 8 Nos.
25	Metaloop-SS-4 (4.00 mm diam.)	<ol style="list-style-type: none"> Used for streaking Fixed nichrome loop embedded in SS rod 	1 x 8 Nos.

		<ol style="list-style-type: none"> 3. Heat resistant handle 4. Loop diameter : 4 mm 5. Calibrated to 0.01 ml 6. 1 x 8 Nos. 	
26	Talc (Soapstone)	<ol style="list-style-type: none"> 1. Appearance : White to off-white powder 2. Solubility : Insoluble in water 3. 500 g quantity 	500g x 4
27	Maltodextrin	<ol style="list-style-type: none"> 1. Used as food additive 2. Produced from vegetable starch by partial hydrolysis 3. Appearance : White to off white, slightly hygroscopic powder or granules 4. Solubility : 100 mg soluble in 1 mL of water giving clear to hazy solution 5. 500 g quantity 	500g x 1
28	Nitric acid min. 69-72% pure, Hi-AR™	<ol style="list-style-type: none"> 1. Highly corrosive mineral acid 2. Appearance: Clear, colourless liquid 3. Density (d20/4): ~1.42 g/mL 4. 500 ml volume 	500ml x 1

Note: The items must be of superior quality and must comply with the standards of leading manufacturers such as Lonza, Himedia or its equivalents.

ANNEXURE-I

[To be submitted on letter head of the supplier]

QUOTATION / BID**PART A**

1	Name of the firm	
2	Quotation No.	CoEM/Purchase/Misc/Con/2026/02-QTN
3	Name and Address for Correspondence	
4	Contact number : (a)	
	(b)	
5	E-mail ID	
6	Total no. of pages in the document (to be filled mandatorily)	
7	PAN (Copy to be enclosed mandatorily)	Yes / No
8	GST Number (Copy to be enclosed mandatorily)	Yes / No
9	Is a license or permit required for the supply of items specified in the schedule of supply? If yes, mention the authority to apply to	
10	No. of days within which the items can be delivered to CoEM (Maximum: 15 days)	

Place:**Signature****Date:****Name of the authorised Signatory.**

(Seal of the Company /Firm)

ANNEXURE-I

[To be submitted on letter head of the supplier]

QUOTATION / BID**PART A**

1	Name of the firm	
2	Quotation No.	CoEM/Purchase/Misc/Con/2026/02-QTN
3	Name and Address for Correspondence	
4	Contact number : (a)	
	(b)	
5	E-mail ID	
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7	PAN (Copy to be enclosed mandatorily)	Yes / No
8	GST Number (Copy to be enclosed mandatorily)	Yes / No
9	Is a license or permit required for the supply of items specified in the schedule of supply? If yes, mention the authority to apply to	
10	No. of days within which the items can be delivered to CoEM (Maximum: 15 days)	

Place:**Signature****Date:****Name of the authorised Signatory.**

(Seal of the Company /Firm)

PART B

SL. No.	Description of the item(s)	Specification	Qty. (Nos.)	Cat. No.	Make	Total price INR	GST (@ Rate)	Amount
1.	Sodium dodecyl sulphate, Ultrapure	<ol style="list-style-type: none"> 1. Ultrapure 2. Detergent and Protein denaturant 3. Appearance : White crystals or powder 4. Solubility : 100 mg soluble in 1 mL of water gives clear to opalescent solution 5. 100 g quantity 						
2.	MOPS Buffer, Free acid	<ol style="list-style-type: none"> 1. Appearance : White crystals or powder or solid 2. Solubility : 100 mg soluble in 1 mL of water 3. pH (10% in water at 25°C) : 3.00 - 5.00 4. 25 g quantity 						
3.	Dextrose anhydrous Hi-AR/ACS	<ol style="list-style-type: none"> 1. Appearance : Colourless to white or almost white crystals or powder or granules or solid 2. Solubility : 100 mg soluble 1 mL of water 3. Clarity : 10% w/v aqueous solution is clear and colourless 4. 500 g quantity 						
4.	Chloroform: Isoamyl alcohol (24:1)	<ol style="list-style-type: none"> 1. Appearance : Colourless liquid 2. Solubility : Immiscible in water 3. Density (at 20°C) : 1.446 - 1.463 4. For Molecular Biology 5. 100 ml quantity 						

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			<p>Total Amount (Inclusive of Taxes): _____</p> <p>Total Amount in words (Inclusive of Taxes): _____</p>					

Place:**Signature:****Date:****Name of the authorised Signatory:**

(Seal of the Company/ Firm)

ANNEXURE II

[To be submitted on letter head of the supplier]

To,
The Director
Centre of Excellence in Microbiome

UNDERTAKING BY THE BIDDER

I/We _____ have carefully gone through the various terms and conditions mentioned in the quotation notice CoEM/Purchase/Misc/Con/2026/02-QTN Dated 12-03-2026 including all annexures, for the supply of office stationery items.

I hereby sign this undertaking as token of our acceptance of various conditions mentioned in quotation notice.

Place: _____ (Authorised Name & Signatory of Agency/firm with seal)

Date: