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/2026/03-QTN**
Date of publishing the Quotation	05/05/2026
Due date and time for receipt of quotations	13/05/2026; 10:30 AM
Date and time for opening of quotations	13/05/2026; 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- RGCB Bio Innovation Center, KINFRA Film & Video Park, Chanthavila, Kazhakkoottam, Thiruvananthapuram, Kerala – 695585
Superscription: Quotation for molecular biology consumables	

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- RGCB Bio Innovation Center, KINFRA Film & Video Park, Chanthavila, Kazhakkoottam, 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 –Molecular Biology consumables

Address:

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

Digitally signed by
SABU THOMAS
Date: 05-05-2026
17:11:11

DIRECTOR, CoEM

Place: Thiruvananthapuram
Date: 05.05.2026

SCHEDULE OF SUPPLY

SL. No.	Description of the item(s)	Specification	Quantity
1.	3-(2-Hydroxyethyl)indole	1. Appearance :white to brown powder or solid or crystals 2. Purity (gc area %):≥ 96.5 % rel 3. Carbon content: 71.9 - 77.1 % 4. Nitrogen content: 8.4 - 9.0 % 5. Structure confirmation by infrared spectrum 6. Pack size : 5g	5G X 1No
2.	LUDOX® LS colloidal silica	1. Appearance: Colorless to Opalescent Viscous Liquid 2. Silicon Component confirmation by ICP Major Analysis 3. Specific Gravity (at 60^0 Fahrenheit): 1.197 - 1.217 4. pH (at 25^0C):7.8 - 8.6 5. Viscosity: < 25 cps 6. SiO2 Assay: 29.0 - 31.0 % 7. Ratio SiO2/Na2O: 250 - 300 8. Surface Area (m2/g): 198 – 258 9. Sulfate (SO4, as Na2SO4): < 0.02 % 10. Transmission: > 62.0 % 11. Alkalinity: 0.097 - 0.124 % 12. Pack size 1L	1L X 1No
3.	Hexadecyltrimethylammonium bromide	1. Molecular Biology, ≥99% 2. Appearance : Colorless or White Powder or Crystals 3. Titration with HClO4 (>= 99%):99 - 102 % 4. Purity (TLC) > 99 % 5. Solubility (1 g in 10 ml Water): Colorless to Faint Yellow Clear to Slightly Hazy 6. Structure confirmation by 1H NMR Spectrum 7. Suitable for Use in DNA Precipitation 8. Not to detect DNase, RNase, Nickase 9. Pack size 100G	100 G X 1No
4.	Pancreatin from porcine pancreas	1. ≥3 × USP specifications 2. White to brown powder 3. Requirement: To assess cleavage by digestive enzymes and to be used for *in vitro* digestibility analysis 4. Enzymatic Components: Contains digestive enzymes including trypsin, amylase, and lipase 5. Functional Activity: Capable of hydrolyzing proteins, starch, and lipids. 6. Amylase Activity: Converts ≥ 25 times its weight of potato starch into soluble carbohydrates within 5 minutes at 40 °C in water. 7. Protease Activity: Digests ≥ 25 times its weight of casein within 60 minutes at pH 7.5 and 40 °C. 8. Lipase Activity: Releases fatty acids from olive oil at pH 9.0 and 37 °C, demonstrating lipolytic activity. 9. Pack size 100G	100 G X 1No
5	Pepsin	1. ≥250 units/mg solid powder	250 MG X 1No

		2. Requirement: to be used for *in vitro* digestibility analysis 3. Appearance: Off White to Yellow to Beige powder Powder 4. Solubility (Color): Colorless 5. Solubility (Turbidity) (1 mg/mL, 0.01N HCl): Clear to Slightly Hazy 6. Pack size 250MG	
6	Inulin	1. Enzymatic synthesis 2. White to Almost white powder to crystal 3. Drying loss:max. 10.0 % 4. Ignition residue (Sulfate): max. 0.5 % 5. Melting Point 165 °C 6. Slightly Soluble in water 7. Pack size: 25 g	25G X 4 No
7	Trehalose dihydrate	1. Chemical: D-(+)-Trehalose Dihydrate 2. Appearance: White to Almost white powder to crystal 3. Purity(GC):min. 98.0 % 4. Specific rotation [a]20/D: +178 to +183 deg(C=7, H2O) 5. Solubility in Water: transparency 6. Water: 9.2 to 10.2 % 7. Melting Point: 160 °C 8. Specific Rotation: 181° 9. Degree of solubility in water:770 g/l 25 °C 10. Insoluble in Ether 11. Pack size: 25 g	25G X 1No
8	Sodium alginate	1. Appearance: White to Light yellow powder to crystal 2. Viscosity (1% in water): 100 to 200 mPa-s 3. pH (1% in water): 6.0 to 8.0 4. Drying loss max.: 15.0 % 5. Ignition residue: 33.0 to 37.0 % 6. Melting Point: 119 °C 7. Soluble in water 8. Insoluble in Chloroform, Ether, Alcohol 9. Pack size: 25 g	25G X 1No
9	ABTS	1. Chemical formula: 2,2'-Azinobis(3-ethylbenzothiazoline-6-sulfonic Acid Ammonium Salt). 2. Synonym: AzBTS 3. Appearance White to Dark green powder to crystal 4. Purity(HPLC): min. 97.0 area% 5. Purity: min. 98.0 % 6. Peroxidase detection test: to pass test 7. Structure confirmation test by NMR 8. Pack size: 1 g	1G X 1No
10	Trolox	1. Chemical structure: 6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic Acid 2. Appearance: White to Orange to Green powder to crystaline 3. Purity(GC):min. 98.0 % 4. Purity(Neutralization titration):min. 98.0 % 5. Melting Point: 188 °C(dec.)	1G X 1No

		6. Soluble in Methanol 7. Pack size: 1 g	

Note: The items must be of superior quality and must comply with the standards of leading manufacturers like Sigma, TCI, Thermo Scientific 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/2026/03-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)	Yes / No
8	GST Number (Copy to be enclosed)	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.	3-(2-Hydroxyethyl)indole	1. Appearance :white to brown powder or solid or crystals 2. Purity (gc area %):≥ 96.5 % rel 3. Carbon content: 71.9 - 77.1 % 4. Nitrogen content: 8.4 - 9.0 % 5. Structure confirmation by infrared spectrum 6. Pack size : 5g						
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		7. Pack size: 25 g						
7	Trehalose dihydrate	1. Chemical: D-(+)-Trehalose Dihydrate 2. Appearance: White to Almost white powder to crystal 3. Purity(GC) :min. 98.0 % 4. Specific rotation [a]20/D: +178 to +183 deg(C=7, H2O) 5. Solubility in Water: transparency 6. Water: 9.2 to 10.2 % 7. Melting Point: 160 °C 8. Specific Rotation: 181° 9. Degree of solubility in water:770 g/l 25 °C 10. Insoluble in Ether 11. Pack size: 25 g						
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		4. Purity(Neutralization titration):min. 98.0 % 5. Melting Point: 188 °C(dec.) 6. Soluble in Methanol 7. Pack size: 1 g						
Total Amount (Inclusive of Taxes): _____ Total Amount in words (Inclusive of Taxes):_____								

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/2026/03-QTN Dated 05-05-2026 including all annexures, for the supply of molecular biology consumables.

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: