



**ICAR - CENTRAL INSTITUTE OF FISHERIES EDUCATION**

(Deemed University) (University under Sec. 3 of UGC Act),

Indian Council of Agricultural Research

Panch Marg, Off. Yari Road, Versova, Andheri (west), Mumbai 400 061

Tel. No. 022-26361446/7/8 Web Site : <https://www.cife.edu.in>

**GST No.27AAAI1830P9ZB**



F. No. 36-24/24-25/EFC-Equipments/P/-Part(2)

Dated 06.02.2025

**Name of the Equipment: COLORIMETER FOR FOOD ANALYSIS**

**TENDER FORM HAS TO BE SUBMITTED SEPARATELY IN SEALED ENVELOPES**

To,

M/s. ....

.....

.....

**Sub: Purchase of Colorimeter for Food Analysis at ICAR – CIFE, Mumbai - reg.**

Dear Sir,

Please enclose the Tender Form along with detailed specifications of the Equipment - Colorimeter for Food Analysis in Annexure -1 for Specifications & Annexure - 2 for Financial Bid and submit it in two separate envelopes.

Please acknowledge receipt of the same.

Yours faithfully

**Asstt. Administrative Officer (P)**



**ICAR - CENTRAL INSTITUTE OF FISHERIES EDUCATION**  
(Deemed University) (University under Sec. 3 of UGC Act),  
Indian Council of Agricultural Research  
Panch Marg, Off. Yari Road, Versova, Andheri (west), Mumbai 400 061  
Tel. No. 022-26361446/7/8 Web Site : <https://www.cife.edu.in>  
GST No.27AAAI1830P9ZB



**LIMITED TENDER DOCUMENT  
FOR  
COLORIMETER FOR FOOD ANALYSIS**





**ICAR - CENTRAL INSTITUTE OF FISHERIES EDUCATION**

(Deemed University) (University under Sec. 3 of UGC Act),

Indian Council of Agricultural Research

Panch Marg, Off. Yari Road, Versova, Andheri (west), Mumbai 400 061

Tel. No. 022-26361446/7/8 Web Site : <https://www.cife.edu.in>

**GST No.27AAAI1830P9ZB**



F. No. 36-24/24-25/EFC-Equipments/P/-Part(2)

Dated 06.02.2025

The Director, ICAR-Central Institute of Fisheries Education, Mumbai invites most competitive tenders in sealed envelopes for the Equipment of **Colorimeter for Food Analysis** from the reputed Organizations, their authorized distributors/ dealers and other suppliers/firms dealing with the Services.

The quotation should reach to this office **on or before 5.00 pm of 27.02.2025** in sealed envelopes addressed to the Director, ICAR-CIFE, Panch Marg, Off Yari Road, Versova, Andheri (West), Mumbai-400061. The sealed envelopes should be sent by post/courier so as to ensure that it reaches the office within the due date and time. Alternatively, the tenders in sealed envelopes may be physically dropped in Tender Box in the office. **Tenders received by email or in open cover shall not be entertained.**

**TERMS & CONDITIONS OF QUOTATIONS:**

1. The prices shall be quoted in Indian Rupees only. Each bidder shall submit only one tender.
2. All duties, taxes and other levies payable on the raw materials/ components shall be included in the total price.
3. No advance payment or any part payment will be made. The payment is normally made within 15 days from the date of receipt of item / material in good condition or completion of work in time as per order. The payment will be released only after satisfactorily completion of work.
4. The successful firm must have to mention Bank Account number along-with the name of bank and its IFSC code in the bill at the time of supply of ordered items. The payment will be made through RTGS only.
5. Tenders not found according to the specifications/ Scope of Work will not be considered. The manufacturer / Dealer should quote similar as per our specification/ scope of work. The firm should also submit their quotation supported by relevant printed literature.
6. Tender shall remain valid for a period not less than 90 days after the deadline date specified for submission of tenders.
7. The rate should be on F.O.R. basis at ICAR-CIFE, Mumbai. Full taxes may be charged, if applicable. The Institute will not provide any Road permit form.



**ICAR - CENTRAL INSTITUTE OF FISHERIES EDUCATION**  
(Deemed University) (University under Sec. 3 of UGC Act),  
Indian Council of Agricultural Research  
Panch Marg, Off. Yari Road, Versova, Andheri (west), Mumbai 400 061  
Tel. No. 022-26361446/7/8 Web Site : <https://www.cife.edu.in>  
**GST No.27AAAAI1830P9ZB**



8. Firm should attach EMD of value 2.5% of the quoted amount of the services. Non payment of EMD of requisite value will render the bill as rejected. However, firms having NSIC/MSME certification are exempted from payment of EMD.
9. Upon receipt of supply order the successful bidder will have to submit 5% of ordered value (exclusive taxes) as performance / security deposit in form of FDR / Bank Guarantee etc. issued from nationalized bank.
10. Delivery will have to be made within 15 days from the date of issue of Supply Order or as extended by the Institute.
11. In case of any dispute, the decision of the Director, ICAR-CIFE, Mumbai shall be binding on the part of the contractor/supplier/fabricator/firm.
12. The firm will have to adhere to the warranty / guarantee on the services provided and during the period any fault /shortcoming will have to be addressed immediately without any extra cost.
13. The dealer should enclose authorization certificate issued from the principal supplier / manufacturer.
14. All taxes should be mentioned clearly, if applicable, failing which, the quotation will not be considered.
15. The Director, ICAR-CIFE, Mumbai reserves the right to accept or reject any or all the Tenders without assigning any reason.
16. Disputes, if any, will be governed by the Mumbai jurisdiction only.

**REQUIRED DOCUMENTS:**

1. Scan copy of PAN and GST Registration Documents.
2. NSIC/MSME Certificate, if any. Else EMD of requisite value in favour of **ICAR Unit CIFE payable at Mumbai** shall be submitted along with the Tender.
3. Registration/Corporation certificate of the firm.
4. Copy of Tender Document Signed by Firm with all annexures.
5. Original Manufacturer Certificate / Authorized Distributor certificate from the manufacturer is required.
6. Bank account details of the firm in which the payment has to be made after satisfactory supply and installation.

**Asstt. Administrative Officer (P)**



F. No. 36-24/24-25/EFC-Equipments/P/-Part(2)

Dated 06.02.2025

**Annexure – 1**

**SPECIFICATIONS for COLORIMETER FOR FOOD ANALYSIS**

- Model type- Hand held
- Geometry- 45°/0° Geometry for Visual correlation. 45° circumferential Illumination using a cylindrical mirror and 0° viewing
- Should have large port diameter 1.25” for accuracy
- Should provide Calibration Standards Traceable to NIST
- Color scale- CIE L\*a\*b\*, Hunter Lab, CIE L\*C\*h, CIE Yxy, CIE XYZ
- Indices and Metrics: E313 Whiteness (C/2° or D65/10'), E313 Tint (C/2° or D65/10°), E313 Yellowness (C/2° or D65/10°), D1925 Yellowness (C/2°), Y Brightness, Z%, 457 rim Brightness, Opacity, Color Strength (Average and Single Wavelength), Gray Change, Gray Stain, Metamerism Index, Shade Number.
- Wavelength range-400 to700 nm
- Wavelength resolution <3 nm
- Reporting interval- 10 nm
- Standard confirmation – CIE 15:2004, ISO 7724/1, ASTM E-1164, DIN 5033, Teil 7 and JIS Z 8722 Condition C
- Detection: 2-channel polychromator with 256-element scanned array (half for sample channel, half for monitor)
- Light Source: Pulsed xenon light > 1 million flashes
- Illuminants: A, C, D50, D55, D65, D75, F2, F7, F11
- Sample storage capacity of standard- 100 or more spectral or tristimulus with pass /Fail tolerance as working, physical, numeric and hitch and 700 or more for sample

**SEAL & SIGNATURE OF THE BIDDERS**



F. No. 36-24/24-25/EFC-Equipments/P/-Part(2)

Dated 06.02.2025

**Annexure – 2**

**FINANCIAL BID**

(In Rupees)

Sl. No.	Particulars	Qty.	Rate	Amount	Taxes, if any	Total Amount all inclusive
1	<b>COLORIMETER FOR FOOD ANALYSIS</b>					
	<ul style="list-style-type: none"> <li>Model type- Hand held</li> <li>Geometry- 45°/0° Geometry for Visual correlation. 45° circumferential Illumination using a cylindrical mirror and 0° viewing</li> <li>Should have large port diameter 1.25” for accuracy</li> <li>Should provide Calibration Standards Traceable to NIST</li> <li>Color scale- CIE L*a*b*, Hunter Lab, CIE L*C*h, CIE Yxy, CIE XYZ</li> <li>Indices and Metrics: E313 Whiteness (C/2° or D65/10'), E313 Tint (C/2° or D65/10°), E313 Yellowness (C/2° or D65/10°), D1925 Yellowness (C/2°), Y Brightness, Z%, 457 rim Brightness, Opacity, Color Strength (Average and Single Wavelength), Gray Change, Gray Stain, Metamerism Index, Shade Number.</li> <li>Wavelength range-400 to700 nm</li> <li>Wavelength resolution &lt;3 nm</li> <li>Reporting interval- 10 nm</li> <li>Standard confirmation – CIE 15:2004, ISO 7724/1, ASTM E-1164, DIN 5033, Teil 7 and JIS Z 8722 Condition C</li> <li>Detection: 2-channel polychromator with 256-element scanned array (half for sample channel, half for monitor)</li> <li>Light Source: Pulsed xenon light &gt; 1 million flashes</li> <li>Illuminants: A, C, D50, D55, D65, D75, F2, F7, F11</li> <li>Sample storage capacity of standard- 100 or more spectral or tristimulus with pass /Fail tolerance as working, physical, numeric and hitch and 700 or more for sample</li> </ul>	1				
	<b>Total:</b>					

(Rupees.....only)

**SEAL & SIGNATURE OF THE BIDDER**