



F. No. CIFE/KKD/Chemical/Kakinada/NAHEP/23-24

Dated 05.10.2023

**Name of the Item/ Materials: Chemicals & Analysis Kits**

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

To,

M/s. ....

.....

.....

**Sub: Purchase of Chemicals & Analysis kits for Brackishwater Fish Farm, ICAR-CIFE, Kakinada under NAHEP Project - reg.**

Dear Sir,

Please find enclosed herewith the quotation form along with detailed specifications for Purchase of Chemicals & Analysis Kits in Annexure – 1 & 2.

Kindly acknowledge the receipt of the same.

Yours faithfully

**Asstt. Administrative Officer**



**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



**REQUEST FOR QUOTATION DOCUMENT FOR  
PURCHASE OF CHEMICALS & ANALYSIS KITS FOR BWFF, ICAR-CIFE KAKINADA**



**UNDER  
NATIONAL AGRICULTURAL HIGHER EDUCATION PROJECT**



## 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



F. No. CIFE/KKD/Chemical/Kakinada/NAHEP/23-24

Dated 05.10.2023

THE DIRECTOR, ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION invites most competitive quotations in sealed envelope under National Agricultural Higher Education Project "NAHEP" for the purchase of Chemicals & Analysis kits for Brackishwater Fish Farm, ICAR-CIFE, Kakinada from the reputed manufacturers, their authorized distributors /dealers and other suppliers/firms dealing with the Equipment.

The quotation should reach at **ICAR-CIFE, Kakinada on or before 3.00 pm of 21.10.2023** in sealed envelope addressed to the **ICAR-Central Institute of Fisheries Education, Beach Road, Old Burmah Shell, Kakinada – 533 007, Andhra Pradesh**. 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 quotations in sealed envelopes may be physically dropped in Tender Box in the office. Quotations 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 quotation.
2. All duties, taxes and other levies payable on the raw materials and 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 as per order. The payment will be released only after full installation/ commissioning of item/ equipment satisfactorily.
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/ Bank Transfer only.
5. Quotation not found according to specifications will not be considered. The manufacturer / Dealer should quote only one make and one model of chemicals & analysis kits similar as per our specification. The firm should also submit their quotation supported by relevant printed literature.
6. Quotation shall remain valid for a period not less than 90 days after the deadline date specified for submission of quotations.
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

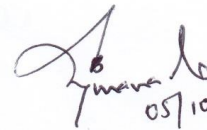
(Deemed University) (University under Sec. 3 of UGC Act),  
Indian Council of Agricultural Research  
Panch Marg, Off. Yari Road, Versova, Andheri (west), Mumbai 400 061  
Tel. No. 022-26361446/7/8 Web Site : <https://www.cife.edu.in>  
GST No.27AAAAI1830P9ZB



8. Firm should have to attach EMD of value 2.5% of the quoted amount of the Materials. None 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 3% 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 at **ICAR-Central Institute of Fisheries Education, Beach Road, Old Burmah Shell, Kakinada – 533 007, Andhra Pradesh** within 30 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, CIFE 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 equipment/ materials supplied 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 CIFE reserves the right to accept or reject any or all the Quotations 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 have to be submitted along with the Bid.
3. Registration/Corporation certificate of the firm.
4. Copy of RFQ 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.

  
05/10/2023

**Asstt. Administrative Officer**



# 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



F. No. CIFE/KKD/Chemical/Kakinada/NAHEP/23-24

Dated 05.10.2023

## Annexure – 1

### LIST OF CHEMICALS AND ANALYSIS KITS for BWFF, ICAR-CIFE KAKINADA

#### 1. Chemicals

Sr. No.	Particulars	Quantity
1.	Hydrogen peroxide (30 %)	500 ml
2.	Potassium dihydrogen phosphate (KH <sub>2</sub> PO <sub>4</sub> )	200 g
3.	Sodium hydroxide	10 kg
4.	Barium hydroxide (Ba (OH) <sub>2</sub> .8H <sub>2</sub> O)	500 g
5.	Zinc sulphate (ZnSO <sub>4</sub> .7H <sub>2</sub> O)	500 g
6.	Anhydrous sodium carbonate	500 g
7.	Sodium potassium tartarate (Rochette salt)	500 g
8.	Sodium bicarbonate	500 g
9.	Sodium sulphate	500 g
10.	Coper sulphate (CuSO <sub>4</sub> .5H <sub>2</sub> O)	500 g
11.	Ammonium molybdate	250 g
12.	Disodium ortho arsenate	100 g
13.	Benzoic acid	500 g
14.	Sodium arsenate - 98%	250 g
15.	Anhydrous glucose	1 kg
16.	Potassium phosphate (K <sub>2</sub> HPO <sub>4</sub> )	500 g
17.	Dinitrophenyl hydrazine (2,4 DNPH)	100 g
18.	α-ketoglutarate	25 g
19.	DL-Aspartic acid	100 g
20.	DL-Alanine	25 g x 2
21.	NBT	1 g x 2
22.	Methanol	500 ml
23.	Potassium hydroxide	500 g
24.	DMSO	500 ml
25.	Potassium chloride (KCl)	500 g
26.	Disodium phosphate (Na <sub>2</sub> HPO <sub>4</sub> )	500 g
27.	Sodium dihydrogen phosphate (NaH <sub>2</sub> PO <sub>4</sub> )	500
28.	Dinitro salicylic acid	100
29.	EDTA	500 g
30.	Epinephrine (-Adrenaline)	1 g
31.	Sodium carbonate	500 g
32.	N, N-Dimethylformamide (DMF)	1L





## 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



33.	LUGOL SOLUTION	125 ml
34.	Potassium iodide (KI)	250 g
35.	Iodine	100 g
36.	Sodium benzoate	500 g
37.	Gum Arabic (acacia)	500 g
38.	Olive oil	250 ml
39.	Casein	500 g
40.	5% TCA	500 g
41.	Nitric acid (1M)	500 ml
42.	Borax	25 g x 2
43.	Boric acid	500 g
44.	1 M Tris HCl	500 g
45.	10% TCA	1000 ml
46.	Ammonium chloride	500 g x 2
47.	Clove oil	100 ml x 2
48.	Sulphuric acid	2.5 LT
49.	Starch soluble	500g
50.	Starch indicator	125ml
51.	Carboxy methyl cellulose	500g
52.	Formaldehyde	4 bottles (500ml)
53.	Phenolphthalein Indicator	125ml
54.	Methyl red	125ml
55.	Erichrome black-T indicator	100gm
56.	Ammonia buffer	1000ml
57.	EDTA disodium salt - 98%	500g
58.	Ferric Chloride solution	1000ml
59.	Sodium azide	100gm
60.	Methyl orange indicator	300ml
61.	Sodium thiosulphate solution N/10	1000ml
62.	Sodium thiosulphate anhydrous	1 kg
63.	Phosphate buffer (pH 7.2)	500g
64.	Potassium Permanganate solution (0.1N)	1 litre
65.	Magnesium Sulphate solution (MgSO <sub>4</sub> 7H <sub>2</sub> O)	1Kg
66.	Magnesium chloride IP - 98-101%	500 g
67.	Potassium Chromate	500g
68.	Calcium Chloride	500g
69.	Silver nitrate solution N/50	500 ml
70.	Manganous sulphate monohydrate	1 kg
71.	Sodium azide	100g



## 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



### 2. Analysis Kits

Sr. No.	Particulars	Quantity
<b>Biochemical Kits</b>		
1.	Cholesterol kit	1
2.	Total protein kit	1
3.	Glucose kit	1
4.	Albumin kit	1
5.	Creatinine kit	1
6.	Triglycerides kit	1
<b>Water Analysis Kits</b>		
1.	Nitrite Analysis Kit (AQUACheck, Himedia)	100 tests
2.	Orthophosphate analysis kit (AQUACheck, Himedia) low level	100 tests
3.	Orthophosphate analysis kit (AQUACheck, Himedia) High level	100 tests
4.	Nitrate Analysis Kit (AQUACheck, Himedia)	100 tests
5.	Ammonia testing kit (AQUACheck, Himedia)	100 tests

**SEAL & SIGNATURE OF THE BIDDERS**

**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



F. No. CIFE/KKD/Chemical/Kakinada/NAHEP/23-24

Dated 05.10.2023

**Annexure – 2****FINANCIAL BID**

Sr. No.	Particulars	Quantity	Rate	Amount	Taxes, If any	Total Amount (Rs.) all inclusive
1.	Hydrogen peroxide (30 %)	500 ml				
2.	Potassium dihydrogen phosphate (KH <sub>2</sub> PO <sub>4</sub> )	200 g				
3.	Sodium hydroxide	10 kg				
4.	Barium hydroxide (Ba (OH) <sub>2</sub> .8H <sub>2</sub> O)	500 g				
5.	Zinc sulphate (ZnSO <sub>4</sub> .7H <sub>2</sub> O)	500 g				
6.	Anhydrous sodium carbonate	500 g				
7.	Sodium potassium tartarate (Rochette salt)	500 g				
8.	Sodium bicarbonate	500 g				
9.	Sodium sulphate	500 g				
10.	Coper sulphate (CuSO <sub>4</sub> .5H <sub>2</sub> O)	500 g				
11.	Ammonium molybdate	250 g				
12.	Disodium ortho arsenate	100 g				
13.	Benzoic acid	500 g				
14.	Sodium arsenate - 98%	250 g				
15.	Anhydrous glucose	1 kg				
16.	Potassium phosphate (K <sub>2</sub> HPO <sub>4</sub> )	500 g				
17.	Dinitrophenyl hydrazine (2,4 DNPH)	100 g				
18.	α-ketoglutarate	25 g				
19.	DL-Aspartic acid	100 g				





## 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



20.	DL-Alanine	25 g x 2				
21.	NBT	1 g x 2				
22.	Methanol	500 ml				
23.	Potassium hydroxide	500 g				
24.	DMSO	500 ml				
25.	Potassium chloride (KCl)	500 g				
26.	Disodium phosphate ( $\text{Na}_2\text{HPO}_4$ )	500 g				
27.	Sodium dihydrogen phosphate ( $\text{NaH}_2\text{PO}_4$ )	500				
28.	Dinitro salicylic acid	100				
29.	EDTA	500 g				
30.	Epinephrine (-Adrenaline)	1 g				
31.	Sodium carbonate	500 g				
32.	N, N-Dimethylformamide (DMF)	1L				
33.	LUGOL SOLUTION	125 ml				
34.	Potassium iodide (KI)	250 g				
35.	Iodine	100 g				
36.	Sodium benzoate	500 g				
37.	Gum Arabic (acacia)	500 g				
38.	Olive oil	250 ml				
39.	Casein	500 g				
40.	5% TCA	500 g				
41.	Nitric acid (1M)	500 ml				
42.	Borax	25 g x 2				
43.	Boric acid	500 g				
44.	1 M Tris HCl	500 g				
45.	10% TCA	1000 ml				



## 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



46.	Ammonium chloride	500 g x 2				
47.	Clove oil	100 ml x 2				
48.	Sulphuric acid	2.5 LT				
49.	Starch soluble	500g				
50.	Starch indicator	125ml				
51.	Carboxy methyl cellulose	500g				
52.	Formaldehyde	4 bottles (500ml)				
53.	Phenolphthalein Indicator	125ml				
54.	Methyl red	125ml				
55.	Erichrome black-T indicator	100gm				
56.	Ammonia buffer	1000ml				
57.	EDTA disodium salt - 98%	500g				
58.	Ferric Chloride solution	1000ml				
59.	Sodium azide	100gm				
60.	Methyl orange indicator	300ml				
61.	Sodium thiosulphate solution N/10	1000ml				
62.	Sodium thiosulphate anhydrous	1 kg				
63.	Phosphate buffer (pH 7.2)	500g				
64.	Potassium Permanganate solution (0.1N)	1 litre				
65.	Magnesium Sulphate solution (MgSO <sub>4</sub> 7H <sub>2</sub> O)	1Kg				
66.	Magnesium chloride IP - 98-101%	500 g				
67.	Potassium Chromate	500g				
68.	Calcium Chloride	500g				
69.	Silver nitrate solution N/50	500 ml				
70.	Manganous sulphate monohydrate	1 kg				
71.	Sodium azide	100g				

**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

**2. Analysis Kits**

Sr. No.	Particulars	Quantity	Rate	Amount	Taxes, If any	Total Amount (Rs.) all inclusive
<b>Biochemical Kits</b>						
1.	Cholesterol kit	1				
2.	Total protein kit	1				
3.	Glucose kit	1				
4.	Albumin kit	1				
5.	Creatinine kit	1				
6.	Triglycerides kit	1				
<b>Water Analysis Kits</b>						
1.	Nitrite Analysis Kit (AQUACheck, Himedia)	100 tests				
2.	Orthophosphate analysis kit (AQUACheck, Himedia) low level	100 tests				
3.	Orthophosphate analysis kit (AQUACheck, Himedia) High level	100 tests				
4.	Nitrate Analysis Kit (AQUACheck, Himedia)	100 tests				
5.	Ammonia testing kit (AQUACheck, Himedia)	100 tests				

**(Rupees.....only)****SEAL & SIGNATURE OF THE BIDDER**