



**ICAR - CENTRAL INSTITUTE OF FISHERIES
EDUCATION
KOLKATA CENTRE**

(Deemed University) (University under Sec. 3 of UGC Act),
Indian Council of Agricultural Research
32 GN Block, Sector V, Salt Lake, Kolkata 700091
Tel. No. 033-23573897 Web Site : <https://www.cife.edu.in>
GST No.27AAAAI1830P9ZB



F. No. NAHEPChemicals/SwetaPradhan/2023

Dated 20.12.2023

**Name of the Item/ Materials: Plastic Ware, Glassware & Chemicals for
ICAR-CIFE Kolkata Centre**

QUOTATIONS FORM HAS TO BE SUBMITTED SEPARATELY IN SEALED ENVELOPES

To,

M/s.
.....
.....

Sub: Purchase of Plastic Ware, Glassware & Chemicals for ICAR-CIFE Kolkata Centre.

Dear Sir,

Please find enclosed herewith the quotation form along with detailed specifications for Purchase of Plastic Ware, Glassware & Chemicals in Annexure – 1 & 2.

Kindly acknowledge the receipt of the same.

Yours faithfully

Asstt. Administrative Officer



REQUEST FOR QUOTATION DOCUMENT FOR PURCHASE OF PLASTIC WARE, GLASSWARE & CHEMICALS FOR ICAR-CIFE Kolkata Centre



**UNDER
NATIONAL AGRICULTURAL HIGHER EDUCATION PROJECT**



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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 Plastic ware, Glassware & Chemicals from the reputed manufacturers, their authorized distributors /dealers and other suppliers/firms.

The quotation should reach at **ICAR-CIFE, Kolkata Centre on or before 3.00 pm of 23.12.2023** in sealed envelope addressed to the **Head, ICAR-Central Institute of Fisheries Education, Kolkata Centre, 32 GN Block, Sector V, Salt Lake, Kolkata 700091**. 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 equipment 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.
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, Kolkata Centre, 32 GN Block, Sector V, Salt Lake, Kolkata 700091** within 5 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 (CIFE) SUBUNIT KOLKATA CENTRE** payable at Kolkata 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.

Asstt. Administrative Officer (P)



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Annexure – 1

LIST OF PLASTIC WARE, GLASSWARE & CHEMICALS FOR ICAR-CIFE Kolkata Centre

Glassware and plastic wares:

Sl No	Name of Glassware	Size	Quantity
1	Volumetric flask	250 mL	10
2	Volumetric flask	1000 mL	5
3	Volumetric flask amber color	250 mL	5
4	Volumetric flask amber color	500 mL	5
5	Volumetric flask amber color	1000 mL	5
6	Reagent bottle amber color with screw cap	500 mL	5
7	Reagent bottle amber color with screw cap	1L	5
8	Reagent bottle amber color with screw cap	2L	5
9	PVDF membrane filter	1 box	1
10	Carboy with stopcock	20 L	2
11	Borosilicate Conical flask	250 mL	20
12	Borosilicate Conical flask	500 mL	10
13	Eppendorf Variable Volume Single Channel Micropipette	0.5 – 5 mL	1
14	Eppendorf Variable Volume Single Channel Micropipette	0.02 – 0.2 mL	1
	Total		

Chemicals:

SL No	List of chemicals	Pack size (g or mL)	Quantity required	Catalogue no
1	Phenol AR	500 g	1	14892/SRL
2	Sodium nitroprusside dehydrate AR	100 g	2	71750/SRL
3	Sodium citrate AR	500 g	1	85919/SRL

4	Sodium hypochlorite	1 L	1	25366/SRL
5	Ammonium sulphate AR	500 g	1	88064/SRL
6	Chloroform AR	500 mL	2	84155/SRL
7	Sulfanilamide AR	500 g	1	06175/LOBA
8	N-(1-Naphthyl)ethylenediamine dihydrochloride AR	25 g	2	61166/SRL
9	Anhydrous potassium nitrite AR	250 g	1	05401/LOBA
10	Copper sulphate AR	500 g	1	71244/SRL
11	Hydrazine sulphate AR	500 g	1	78110/SRL
12	Potassium nitrate AR	500 g	1	05400/LOBA
13	Barium chloride AR	500 g	1	68554/SRL
14	Gum acacia AR	500 g	1	90938/SRL
15	Sodium acetate AR	500 g	1	51483/SRL
16	Potassium sulphate AR	500 g	3	26253/SRL
17	p-nitro phenol AR	100 g	1	25170/SRL
18	Ammonium heptamolybdate AR	250 g	2	10299/SRL
19	Antimony potassium tartrate AR	500 g	1	83896/SRL
20	L-Ascorbic acid AR	500 g	1	23006/SRL
21	Potassium dihydrogen phosphate anhydrous AR	500 g	1	05357/LOBA
22	Potassium persulphate AR	500 g	1	52254/SRL
23	Ferrous ammonium sulphate AR	500 g	2	61732/SRL
24	Silver nitrate AR	25 g	1	94118/SRL
25	Disodium dihydrogen phosphate anhydrous AR	500 g	1	05972/LOBA
26	Mercuric chloride AR	100 g	1	04574/LOBA
27	N,N-Diethyl-p-phenylenediamine sulphate salt AR	100 g	1	75995/SRL
28	Potassium iodide AR	100 g	1	27874/SRL
29	2,4-dinitrophenol AR	100 g	1	03461/LOBA
30	Sodium bicarbonate AR	500 g	1	05895/LOBA
31	Stannous chloride AR	250 g	1	23329/SRL
32	Potassium phosphate dibasic anhydrous AR	500 g	1	27387/SRL
33	Anhydrous magnesium sulphate AR	500 g	1	85611/SRL
34	Isoamyl alcohol AR	500 mL	1	69931/SRL
35	Calcium chloride dihydrate AR	500 g	2	70650/SRL
36	Hank's balanced salt solution	500 mL	1	
37	3,3',5,5' – tetramethyl benzidine hydrochloride	100 mL	1	
38	RNA stabiliser	100 mL	1	
39	Urea	500 g	2	
40	Nutrient Agar	500 g	2	
41	BG-11 Basal Solution (10x)	100 mL	3	
42	Glutathione reduced	5 g	1	
43	Sodium dihydrogen phosphate	500 g	1	66273/SRL
44	NADPH-nicotinamide adenine dinucleotide phosphate	100 g	1	

45	Glutathione reductase from bakers' yeast	100 units	1	
46	Anthrone reagent	25 g	1	
47	Glycogen	5 g	2	
48	Nitroblue tetrazolium (NBT)	250 mg	1	
49	5,5'-dithiobis(2-nitrobenzoic acid) (DTNB)	1 g	1	
50	Pottasium hydroxide	500 g	1	84749/SRL
51	DEPC treated water	25 mL	1	
52	Tri-chloro acetic acid	500 g	1	
53	Carbamazepine	100 g	1	
54	Monopotassium phosphate	500 g	1	
55	Hydrogen peroxide (30%)	500 mL	1	
56	Sodium nitrate AR	500 g	1	44618/SRL
57	Sulphuric acid AR	2.5 L	1	
58	Giemsa stain	100 mL	1	
59	Acetonitrile HPLC grade	2.5 L	2	58209/SRL
60	Dichloromethane AR	2.5 L	2	24532/SRL
61	Ethyl acetate AR	2.5 L	2	66183/SRL
62	Hexane AR	2.5 L	2	12534/SRL
63	Agarose low EEO for molecular biology	10 g	1	
64	Ethidium Bromide for molecular biology,95%	1 g	1	93079/SRL
65	50XTAE (Tris-acetate-EDTA)Electrophoresis Buffer,1L	1 L	1	

List of Kits for Analysis of Biochemical parameter

Sl. No.	Name of kit	Company	Code no.	Pack
1	Liquixx Glucose kit	Erba	120235	5×60 ml
2	Cholesterol	Erba	120168	5×30 ml
3	Triglyceride Liquix	Erba	120237	4×24 ml/ 4×6 ml
4	Direct HDL	Erba	121260	4×30 ml/ 4×10 ml
5	Direct LDL	Erba	121261	2×30 ml/ 2×10 ml
6	Urea	Erba	120241	4×24 ml/ 4×6 ml
7	Uric acid Liquix	Erba	120236	4×24 ml/ 4×6 ml
8	LDH-P	Erba	120243	4×8 ml/ 1×8 ml
9	Calcium, Liquix, Arsenazo	ErbaTransasia	120226	2×50 ml

List of biochemical kits for analysis:

Sl. No.	Name of kit	Company	Code no.	Pack
1	Cortisol Elisa Kit	Krishgen Biosystems		96 stripwells
2	Optimax first strand cDNA kit 100mx			1
3	SYBRGreenq PCRMix			1
				Total
				Gel pack/dry ice

List of kits for molecular analysis:

Sl.No.	Name of items	Pack	Quantity
01	2-Merceptoethanol for molecular biology,99%	100ml	2
02	Trizol reagent	200ml	1
03	Water nuclease free	5X1 ml	1
04	DNaseI,RNase –free, 1000units	1000units	
05	GeneRuler**100bpDNA ladder,50 µg	50 µg	1
06	6XDNA loading dye,5X1 ml	5X1 ml	1
7	POWRUP SYBR MASTER MIX-5ML5ML	5 mL	1
8	MICROAMP 96-WELLRXN PLATE-EA NO BARCODE	10 plates	1
9	PCR Master mix(2X),200x50µlrxns	5 mL	1
10	FG-OPTICAL CAP (8caps/Strips)Each	300 strips	1

SEAL & SIGNATURE OF THE BIDDERS



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Annexure – 2

FINANCIAL BID

Sr. No.	Particulars	Quantity	Rate	Amount	Taxes, if any	Total Amount (Rs.) all inclusive
Plastic Ware & Glassware						
1.	Volumetric flask 250 mL	10				
2.	Volumetric flask 1000 mL	5				
3.	Volumetric flask amber color 250 mL	5				
4.	Volumetric flask amber color 500 mL	5				
5.	Volumetric flask amber color 1000 mL	5				
6.	Reagent bottle amber color with screw cap 500 mL	5				
7.	Reagent bottle amber color with screw cap 1L	5				
8.	Reagent bottle amber color with screw cap 2L	5				
9.	PVDF membrane filter 1 box	1				
10.	Carboy with stopcock 20 L	2				
11.	Borosilicate Conical flask 250 mL	20				
12.	Borosilicate Conical flask 500 mL	10				
13.	Eppendorf Variable Volume Single Channel Micropipette 0.5 – 5 mL	1				
14.	Eppendorf Variable Volume Single Channel Micropipette 0.02 – 0.2 mL	1				

Sr. No.	Particulars	Quantity	Rate	Amount	Taxes, if any	Total Amount (Rs.) all inclusive
List of Chemicals						
1.	Phenol AR (500 g)	1				
2.	Sodium nitroprusside dehydrate AR (100 g)	2				
3.	Sodium citrate AR (500 g)	1				
4.	Sodium hypochlorite (1 L)	1				
5.	Ammonium sulphate AR (500 g)	1				
6.	Chloroform AR (500 mL)	2				
7.	Sulfanilamide AR (500 g)	1				
8.	N-(1-Naphthyl)ethylenediamine dihydrochloride AR (25 g)	2				
9.	Anhydrous potassium nitrite AR (250 g)	1				
10.	Copper sulphate AR (500 g)	1				
11.	Hydrazine sulphate AR (500 g)	1				
12.	Potassium nitrate AR (500 g)	1				
13.	Barium chloride AR (500 g)	1				
14.	Gum acacia AR (500 g)	1				
15.	Sodium acetate AR (500 g)	1				
16.	Potassium sulphate AR (500 g)	3				
17.	p-nitro phenol AR (100 g)	1				
18.	Ammonium heptamolybdate AR (200 g)	2				
19.	Antimony potassium tartrate AR (500 g)	1				
20.	L-Ascorbic acid AR (500 g)	1				
21.	Potassium dihydrogen phosphate anhydrous AR (500 g)	1				
22.	Potassium persulphate AR (500 g)	1				
23.	Ferrous ammonium sulphate AR (500 g)	2				
24.	Silver nitrate AR (25 g)	1				
25.	Disodium dihydrogen	1				

	phosphate anhydrous AR (500 g)					
26	Mercuric chloride AR 100 g	1				
27	N,N-Diethyl-p- phenylenediamine sulphate salt AR (100 g)	1				
28	Potassium iodide AR (100 g)	1				
29	2,4-dinitrophenol AR (100 g)	1				
30	Sodium bicarbonate AR (500 g)	1				
31	Stannous chloride AR (250 g)	1				
32	Potassium phosphate dibasic anhydrous AR (500 g)	1				
33	Anhydrous magnesium sulphate AR (500 g)	1				
34	Isoamyl alcohol AR (500 mL)	1				
35	Calcium chloride dihydrate AR (500 g)	2				
36	Hank's balanced salt solution (500 mL)	1				
37	3,3',5,5' – tetramethyl benzidine hydrochloride (100 mL)	1				
38	RNA stabilizer (100 mL)	1				
39	Urea (500 g)	2				
40	Nutrient Agar (500 g)	2				
41	BG-11 Basal Solution (10x) (100 mL)	3				
42	Glutathione reduced (5 g)	1				
43	Sodium dihydrogen phosphate (500 g)	1				
44	NADPH-nicotinamide adenine dinucleotide phosphate (100 g)	1				
45	Glutathione reductase from bakers' yeast (100 units)	1				
46	Anthrone reagent (25 g)	1				
47	Glycogen (5 g)	2				
48	Nitroblue tetrazolium (NBT) (250 mg)	1				
49	5,5'-dithiobis(2-nitrobenzoic acid) (DTNB) (1 g)	1				
50	Pottasium hydroxide (500 g)	1				

51	DEPC treated water (25 mL)	1				
52	Tri-chloro acetic acid (500 g)	1				
53	Carbamazepine (100 g)	1				
54	Monopotassium phosphate (500 g)	1				
55	Hydrogen peroxide (30%) (500 mL)	1				
56	Sodium nitrate AR (500 g)	1				
57	Sulphuric acid AR (2.5 L)	1				
58	Giemsa stain (100 mL)	1				
59	Acetonitrile HPLC grade (2.5 L)	2				
60	Dichloromethane AR (2.5 L)	2				
61	Ethyl acetate AR (2.5 L)	2				
62	Hexane AR (2.5 L)	2				
63	Agarose low EEO for molecular biology (10 g)	1				
64	Ethidium Bromide for molecular biology, 95% (1 g)	1				
65	50XTAE (Tris-acetate-EDTA) Electrophoresis Buffer, (1L)	1				

Lists of kits for analysis of biochemical parameters

1	Liquixx Glucose kit	5×60 ml				
2	Cholesterol	5×30 ml				
3	Triglyceride Liquix	4×24 ml/ 4×6 ml				
4	Direct HDL	4×30 ml/ 4×10 ml				
5	Direct LDL	2×30 ml/ 2×10 ml				
6	Urea	4×24 ml/ 4×6 ml				
7	Uric acid Liquix	4×24 ml/ 4×6 ml				
8	LDH-P	4×8 ml/ 1×8 ml				
9	Calcium, Liquix, Arsenazo	2×50 ml				

Lists of biochemical kits for analysis

1	Cortisol Elisa Kit	96				
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		strip wells				
2	Optimax first strand cDNA kit 100mx	1				
3	SYBRGreenq PCRMix	1				
List of kits for molecular analysis						
1	2-Merceptoethanol for molecular biology,99% (100ml)	2				
2	Trizol reagent (200 ml)	1				
3	Water nuclease free (5X1 ml)	1				
4	DNaseI,RNase –free, 1000units					
5	GeneRuler**100bpDNA ladder,50 µg (1000 units)	1				
6	6XDNA loading dye,5X1 ml	1				
7	POWRUP SYBR MASTER MIX-5ML5ML	1				
8	MICROAMP 96-WELL RXN PLATE-EA NO BARCODE (10 plates)	1				
9	PCR Master mix(2X),200x50µlrxns (5 mL)	1				
10	FG-OPTICAL CAP (8caps/Strips)Each (300 strips)	1				

(Rupees.....
.....only)

SEAL & SIGNATURE OF THE BIDDER