



**ERNAKULAM REGIONAL CO-OPERATIVE MILK PRODUCERS' UNION LTD.
P.B.NO.2212, EDAPPALLY, KOCHI – 682 024
PHONE: 0484 – 2541193**

No. EU/PC/774/NPDD/LAB/2020

**TENDER FOR THE SUPPLY OF COMMON LAB CHEMICALS & SOLVENTS
FOR MASS SPECTROMETRY AND ICPMS FOR STATE CENTRAL
LABORATORY, EDAPPALLY**

ERNAKULAM REGIONAL CO-OPERATIVE MILKPRODUCERS' UNION LTD.
P.B. NO. 2212, EDAPPALLY, KOCHI – 24
Phone-0484-2541193, 2556863

No. EU/PC/774/NPDD/LAB/2020/

25.08.2020

TECHNICAL CUM COMMERCIAL TENDER NOTIFICATION

The Managing Director, Ernakulam Regional Co-operative Milk Producers' Union Ltd (ERCMPU) invites sealed technical cum commercial tender for the supply of common lab chemicals and solvents in mass spectrometry & ICPMS for State Central Laboratory at Edappally.

Interested and eligible bidders may download the tender form from our web site www.ercmpu.in. The cost of tender form should be submitted as Demand Draft along with EMD in favour of "MANAGING DIRECTOR, ERCMPU LTD" payable at Edappally. Details are given hereunder.

- | | | |
|---|---|--------------------------------------|
| 1. Reference No | : | EU/PC/774/NPDD/LAB/2020 |
| 2. Estimated amount | : | Rs. 2,50,000/- |
| 3. Price of bidding document (non-refundable fee) | : | Rs. 500/- (incl. tax) |
| 4. EMD | : | Rs. 2500/- |
| 5. Last Date /Time for submission | : | 19.09.2020 – 2:00 P.M. |
| 6. Date /Time of opening Technical Tender | : | 19.09.2020 – 2:45 P.M |
| 7. Place of opening Tender | : | Head Office, Edappally. |
| 8. Bid validity | : | 90 days from the date of bid opening |
- The bid shall be submitted in two cover system consisting of technical bid and price bid. The price bid of those who qualify in the technical bid only will be opened.
 - All bids must be accompanied by a Bid security (Earnest Money) as specified above and must be delivered to the office of ERCMPU at Edappally on or before the last date and time of submission of bids as given above.

MANAGING DIRECTOR

Copy to: Dairy Manager, EKM/TCR/KTYM/PD/KTPNA
Manager (QC), Manager (Engg.) Manager (P&I), Asst. Manager (P&I)
Moovattupuzha, Adimali, Chalakkudy, Manager (Engg), Manager (F&A),
all Department Heads, All Notice Boards, ERCMPU official website, Mf/Oc

SPECIAL TERMS AND CONDITIONS

- 1 **Downloading of tender document:** Tender document will be available for download on www.ercmpu.in. However, tender document fee should be submitted as Demand Draft along with EMD in favour of "Managing Director, ERCMPU Ltd" payable at Edappally.
- 2 **Publishing of Corrigendum:** All corrigenda shall be published on www.ercmpu.in. and shall not be available elsewhere.
- 3 **Bid submission:** Bidders have to submit their bids along with supporting documents to support their eligibility in envelope duly sealed and super scribed as "Tender for the supply of common lab chemicals and solvents in mass spectrometry & ICPMS" in which the technical bid and commercial bid/price bid shall be in separate sealed covers in which super scribed as "Technical bid" and "Price Bid". The Demand Draft for EMD and Tender document fee to be enclosed in the Technical bid cover.
- 4 **Opening of Technical Bid and Bidder short-listing:** The technical bids will be opened, evaluated and shortlisted as per the eligibility and technical qualifications. All documents in support of technical qualifications shall be submitted along with the technical bid. Failure to submit the documents will attract disqualification. Bids shortlisted by this process will be taken up for opening the financial bid.
- 5 **Opening of Financial Bids:** Bids of the qualified bidder's shall only be considered for opening and evaluation of the financial bid on the date and time mentioned in Tender document.
 - 5.1 The Bidder may quote their reasonable/lowest rate. The rate quoted shall clearly indicate the Basic price, Excise duty, GST (%), Freight, Insurance, Entry Tax (%), P&F, Erection charges and any other statutory/incidentals etc. in complete. No other extra payments will be made. The rate quoted shall be valid for a period of 3 months from the date of opening.
 - 5.2 The bidder should also submit the necessary brochures and this tender document with the offer after signing at the bottom of each page as a token of acceptance of the terms and conditions and specification.
 - 5.3 Delivery Details: The equipment shall be delivered at the designated site of ERCMPU (Products Dairy lab, Edappally). The supply shall be completed within 20 days on receipt of the order.
 - 5.4 The tender document can be downloaded from our website www.ercmpu.in.
 - 5.5 The Bidder should have registration under GST. The registration number is to be indicated in the quotation.

- 5.6 The filled and super scribed quotation in the prescribed price quote format should be received in this office on or before 19.09.2020 at 2.00 PM and the same will be opened at 2.45 PM.
- 5.7 Managing Director reserves the right to accept or reject any or all the quotations without assigning any reason.
- 5.8 The prices finalized are fixed during the validity of contract period.
- 5.9 Taking in to consideration, the Technical Competence and the quoted price for the goods of specified quality, the tender shall be evaluated.
- 5.10 In case of any disagreement or dispute arising between ERCMPU & the supplier, the decision of Managing Director, ERCMPU shall be final.
- 5.11 The details can be had from our office during office hours.
- 5.12 The EMD shall be in the form of:
- By Demand Draft (valid for a period of 3 months) from a Nationalized/scheduled Bank drawn in favour of The Managing Director, ERCMPU, payable at Edappally, Kochi.
 - Any quotation without EMD shall be treated as non-responsive & shall be liable for rejection.
 - Un-successful tenderer's EMD shall be discharged / refunded as promptly as possible as but not later than 60 days after expiry of tender validity. The EMD shall not carry any interest.
 - The EMD of successful tenderer shall be discharged only after the supply of item.

ELIGIBILITY CRITERIA

- a) The bidder should be in business as Supplier of Laboratory equipments chemicals and LCMS, ICPMS and GCMS standards in university Dept., Research Laboratories, FSSAI referral/reference Laboratories/ State Co-operatives labs or Public sector labs for a minimum period of five years at the time of bid opening in the same name.
- b) The bidder shall have supplied the above mentioned items of similar nature to reputed labs and of the value of the estimated cost during the last five years.

PAYMENT TERMS

- 90% payment on successful supply.
- Balance 10% payment will be retained as performance security. This can be released on submission of a bank guarantee for an equal amount, from a

nationalized bank or from a reputed scheduled Bank valid for the entire guarantee period+ one month

WARRANTY/EXPIRY

You shall guarantee to replace the item supplied or part thereof if found defective due to substandard /impure material without any extra cost within a period of 6 months from the date of supply. The entire expenditure towards replacement shall be borne by you.

LIST OF ITEMS TO BE SUPPLIED

A. Common Lab chemicals

SL.NO	CHEMICAL	GRADE	QUANTITY
1	Acetic acid glacial	LR	500 ml
2	Ammonia solution	LR	1000 ml
3	Alizarin red solution	LR	125 ml
4	Ammonium chloride	LR	500 gm
5	Ammonia buffer solution	LR	500 ml
6	Ammonium molybdate	LR	500 gm
7	Acetone	HPLC	500 gm
8	Acetonitrile	HPLC	1 ltr
9	Ferrous ammonium sulphate	LR	500 gm
10	Barium chloride	LR	500 gm
11	Buffer tablet 4	LR	10 caps
12	Buffer tablet 7	LR	10 caps
13	Boric acid	LR	500 gm
14	Calcium chloride	LR	500 gm
15	Chloroform	LR	500 ml
16	Crystal violet soln	LR	125 ml
17	Cedar wood oil	LR	50 ml
18	D-glucose anhydrous	LR	500 gm
19	Di-ethyl ether	LR	500 ml
20	Di-sodium para nitro phenyl orthophosphate	LR	10 gm
21	Di-potassium hydrogen ortho phosphate	LR	500 gm
22	Erio chrome black -t solution	LR	125 ml
23	Ferric chloride anhydrous	LR	500 gm
24	Ferrous ammonium sulphate	LR	500 gm
25	Formaldehyde solution	LR	500 ml
26	Edta solution	LR	500 ml

27	Glycerol	LR	500 ml
28	Iso amyl alcohol	LR	1000 ml
29	Iso propyl alcohol	LR	2.5 ltr
30	Mercuric nitrate	LR	100 gm
31	Magnesium sulphate	LR	500 gm
32	Mercury	LR	100 gm
33	Methyl orange solution	LR	125 ml
34	Methyl red powder	LR	25 gm
35	Methylene blue tablets	LR	50 tab
36	Manganese sulphate	LR	500 gm
37	Nitric acid	LR	500 ml
38	Hydrochloric acid	LR	500 ml
39	Sulphuric acid	LR	2.5 ltr
40	Oxalic acid	LR	500 gm
41	Potassium oxalate	LR	125 ml
42	Potassium iodide	LR	200 gm
43	Petroleum ether	LR	500 ml
44	Potassium permanganate	LR	500 gm
45	Phenolphthalein	LR	125 ml
46	Picric acid	LR	125 ml
47	Potassium hydroxide pellet	LR	500 gm
48	Potassium dichromate	LR	500 gm
49	Potassium chromate	LR	500 gm
50	p-dimethyl amine benzaldehyde	LR	15 gm
51	Potassium sulphate	LR	500 gm
52	Potassium chloride	LR	500 gm
53	Rosalic acid	LR	100 gm
54	Resorcinol	LR	100 gm
55	Sodium carbonate	LR	500 gm
56	Starch soluble indicator	LR	500 gm
57	Sodium thio sulphate	LR	500 gm
58	Sodium hydroxide pellets	LR	500 gm
59	Sodium bicarbonate	LR	500 gm
60	Saffranine solution	LR	125 ml
61	Silver nitrate solution	LR	150 ml
62	Sodium azide 99%	LR	200 gm
63	Sodium acetate	LR	500 gm
64	Silica gel -g	LR	500 gm
65	Silver sulphate	LR	25 gm
66	Sodium sulphate anhydrous	LR	500 gm

67	Trichloro acetic acid	LR	100 gm
68	Urea	LR	500 gm
69	Hplc grade water	LR	2 ltr
70	Xylene	LR	500 ml
71	Zinc chloride	LR	500 gm
72	Methanol	HPLC	2.5 ltr

Solvents in Mass Spectrometry and ICPMS

LCMS MS and GCMS Grade Chemicals & solvents			
Sl No.	Name	Brand	Grade
1.	Methanol	JT Baker, Biosolve	MS
2.	Acetonitrile	JT Baker, Biosolve	MS
3.	Formic acid	Biosolve, Fischer Scientific	MS, HPLC
4.	Iso propyl alcohol	Biosolve, Merck, SRL	MS & HPLC
5.	n-hexane	Biosolve, SRL, Merck	HPLC
6.	Ethyl acetate	Merck, Biosolve, Spectrochem	HPLC, AR grade
7.	Acetic Acid glacial	Merck, SRL	HPLC
8.	Tri chloro acetic acid	Merck, SRL	HPLC, AR grade
9.	Ammonium formate	Merck	HPLC
10.	Ammonium acetate	Merck	HPLC
11.	Perchloric acid	Spectrochem, Merck	AR grade

ICP MS Solvents			
Sl No.	Name	Brand	Grade
1.	Nitric Acid	Biosolve, FINAR	Trace metal Grade
2.	Hydrogen peroxide	Fisher scientific	Trace metal grade

PRICE QUOTE FORMAT

The Managing Director
Ernakulam Regional Cooperative Milk Producers Union Ltd,
Edappally

Sir,

Ref: Tender Notification No. EU/PC/774/NPDD/LAB/2020/ dtd 25.08.2020

With reference, I/We herewith submitting my/our Price Schedule for the item indicated below:-

Sl. No	Item description	Qty	Basic Rate in figures to be entered by the bidder (Rs.)	GST in (Rs.)	Other expense. (Rs.)	Total amount (Rs.)
1	Acetic acid glacial	500 ml				
2	Ammonia solution	1000 ml				
3	Alizarin red solution	125 ml				
4	Ammonium chloride	500 gm				
5	Ammonia buffer solution	500 ml				
6	Ammonium molybdate	500 gm				
7	Acetone	500 gm				
8	Acetonitrile	1 ltr				
9	Ferrous ammonium sulphate	500 gm				
10	Barium chloride	500 gm				
11	Buffer tablet 4	10 caps				
12	Buffer tablet 7	10 caps				
13	Boric acid	500 gm				
14	Calcium chloride	500 gm				
15	Chloroform	500 ml				
16	Crystal violet soln	125 ml				
17	Cedar wood oil	50 ml				
18	D-glucose anhydrous	500 gm				
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32	Mercury	100 gm				
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46	Picric acid	125 ml				
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50	P-dimethyl amine benzaldehyde	15 gm				
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52	Potassium chloride	500 gm				
53	Rosalic acid	100 gm				
54	Resorcinol	100 gm				
55	Sodium carbonate	500 gm				
56	Starch soluble indicator	500 gm				
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60	Saffranine solution	125 ml				
61	Silver nitrate solution	150 ml				
62	Sodium azide 99%	200 gm				
63	Sodium acetate	500 gm				
64	Silica gel -g	500 gm				
65	Silver sulphate	25 gm				
66	Sodium sulphate anhydrous	500 gm				
67	Trichloro acetic acid	100 gm				
68	Urea	500 gm				
69	Hplc grade water	2 ltr				
70	Xylene	500 ml				
71	Zinc chloride	500 gm				
72	Methanol	2.5 ltr				
		Total				
LCMS -MS and GC MS Grade Chemicals & solvents						
1	Methanol	10 L				
2	Acetonitrile	10 L				
3	Formic acid	5 L				
4	Iso propyl alcohol	10 L				
5	n-hexane	10L				
6	Ethyl acetate	5L				
7	Acetic Acid glacial	10L				
8	Tri chloro acetic acid	5L				
9	Ammonium formate	5L				
10	Ammonium acetate	5L				
11	Perchloric acid	5L				
		Total				
ICPMS solvents						
1.	Nitric Acid	10L				
2.	Hydrogen peroxide	10L				
		Total				
		Grand total				

Total amount Rupees.....

Rate should be valid for 3 months

Work should be completed within 7 days from the date of issue of order.

Name & address of the Bidder

AUTHORISED SIGNATORY

Name & Designation:

Signature

P.S: If necessary, the tenderer can make use of the firm's letterhead to quote the price/s and enclose. However, this format shall be duly completed and signed/sealed.