

ERNAKULAM REGIONAL CO-OPERATIVE MILK PRODUCERS' UNION LTD.

P.B.No.2212, Edappally, Kochi - 682 024.

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No.EU:PUR:B9:ED:2018-19

18.09.2018

QUOTATION NOTICE

Ernakulam Regional Co-operative Milk Producers' Union Ltd. invites quotations from reputed manufacturers for the Design, Supply, Installation and Commissioning of Milk Chiller having Capacity of 10 KLPH for our Kattappana Dairy in Idukki District.

Price of Tender Form	:	` 200/- (Including Taxes)
By Post	:	` 250/- (Including Taxes)
Estimated Cost	:	` 2.50 Lakhs
EMD	:	` 2500/- (In the form of DD in favour of Managing Director, ERCMPU Ltd.)
Sale of Tender Documents	:	18.09.2018 - 03.10.2018, 12 Noon
Last Date/Time for Submission	:	03.10.2018, 2.00 P.M
Date/Time of opening Tenders	:	03.10.2018, 3.00 P.M
Place of opening Tender	:	ERCMPU Head Office, Edappally.

Tender Documents are available our office. The tender can also be downloaded from our website www.ercmpu.in and should be submitted along with its cost and EMD. The Ernakulam Regional Co-operative Milk Producers' Union shall not take the responsibility for any delay in receipt of the bidding document if it is sent by post.

**MANAGING DIRECTOR
ERCMPU LTD.**

IMPORTANT: If at any time during the finalization of the tender, wordings are found to be different to that of the printed copy available at ERCMPU Head office, ERCMPU reserves to reject the tender summarily.

Copy to: All Notice Boards,
 Sr. Manager, Ernakulam Dairy
 Manager (Proj/MIS/Manager (F/A)/ Head (Mktg.)
 Asst. Manager (P&M), Kattappana Dairy/ /Mf/Oc

I SCOPE OF WORK

Scope of work includes Design, Supply, Installation and Commissioning of Milk Chiller having Capacity of 10 KLPH at Kattappana Dairy.

1.0 OUR REQUIREMENTS: -

Fresh raw milk at 32°C shall be chilled to 4°C using chilled water having temperature 1.5°C to 2°C

2.0 TESTING AND COMMISSIONING

Each individual unit of the chiller shall be satisfactorily tested prior to commissioning. The entire system shall be tested in the presence of purchaser's Engineer without affecting the normal working of the dairy plant.

3.0 1) LOT MANUALS AND DRAWING

1. The required drawings of civil work foundation shall be given within 15 days of confirmed order, after visiting the site.
2. The electrical details of Motors and controls shall be given within 15 days of confirmed order.
3. The manufacturer's Operation and Maintenance manuals, spare parts list etc, shall be provided at free of cost.

II) TECHNICAL SPECIFICATIONS AND SCOPE OF SUPPLY

Type	: Plate Heat Exchanger
Product	: Raw Milk
Capacity	: 10000 LPH
MOC of Plates	: SS 316 (0.6 mm thickness)
Temp Program	: 32 - 4°C
Make	: IDMC/ Tetra Pak/ Alfalaval/ Zeuser/ Repute
Section	: Single for Chilling
Utility	: Chilled water at 1.5 deg°C to 2°C

Plate Heat Exchanger

Plates:

The plates should be made from stainless steel (SS 316) in sanitary design. All the product contact and exterior surfaces should be easily accessible or readily removable for cleaning and inspection.

Gaskets:

The sealing gaskets should ensure complete sealing and prevent any cross - leakage between product and service liquids. Gaskets should be of sanitary type and should continuously bond to the heat transfer surface. The gasket material should be of food grade, non-toxic, fat resistant, non-absorbent and should have smooth surface. The material should withstand a water sterilization temperature of 100°C and 2% caustic solution at 80°C. The Gaskets should be SNAP IN type and MOC should be Nitrile/EPDM.

Supporting Frame:

The supporting frame for the plate pack should be of a self supporting design made of stainless steel (AISI 304) clad mild steel with a manually operated stainless steel (AISI 304) tightening device. The tightening device should be able to exert uniform pressure on all the parts of heat transfer plates to prevent any leakage from the chiller. The frame and tightening device should prevent the plates from deflecting under a pressure differential of minimum 4 kg/sq.cm.

Accessories

Inlets/Outlets:

The inlets and outlets in each section of the heat exchanger for products as well as services should be provided with complete stainless steel (AISI 304) unions (Products-51mm SMS, Chilled Water-63.5mm SMS).

Thermo Wells:

Suitable (AISI 304) pockets for thermometers/Sensors on required ports for product and service inlet and outlet connections should be provided. Suitable nos.(inlet-2Nos, outlet-2Nos) of Digital Thermometers with PT100 sensors and SS panel board (SS304)for fixing Digital Thermometers also included in the scope of supply.

Ball Feet:

The frame should be provided with adjustable SS ball feet with provision for height adjustment of 50 mm.

Tools& Spares:

Essential special tools and 10 nos. spare Gaskets should be supplied.

III TERMS AND CONDITIONS

III.1 Bidders' Eligibility and Qualifications for supply of Milk Chiller

- i. Bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the contract if their bid is accepted.
- ii. The documentary evidence of the Bidder's eligibility to perform the Contract if the bid is accepted, shall establish to the Purchaser's satisfaction:

- a. That, in the case of a Bidder offering to supply goods under the Contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' manufacturer or the producer to supply the goods. The bid shall include Manufacturers' Authorization Form in their letter head. Offers from other agencies, brokers and middlemen will not be accepted.
- b. That bidder has the financial, technical and production capability necessary to perform the contract. To this end, all bids submitted shall include the following information -

Details of experience and past performance of the bidder on the contracts similar in nature within the last 3 years and details of current contracts in hand and other commitments.
- c. The bidder should be a manufacturer/authorized representative of a manufacturer who must have designed, manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements which shall be in successful operation for at least three years as on the date of bid opening.
- d. Bidders shall invariably furnish documentary evidence (Client's Certificate) in support of the satisfactory operation of the equipment as specified above.
- iii. Bidders who meet the criteria given above are subject to be disqualified, if they have made untrue or false representation in the forms, statements and attachments submitted in proof of the qualification requirements or have record of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion or financial failure, etc.
- iv. For the Bidder, to be eligible for bidding this contract shall have successful supply and operation for at least two years on the date of bid opening shall invariably furnish documentary evidence (client's certificate) in support of the satisfactory operation of the equipment of the following numbers of units in Milk Unions in India. (Successful operation list shall be provided):-
Milk Chiller – 5 Nos. in District Co-operative Milk Unions/Govt. Sector/
Public Sector in India.

III.2 Prices

The prices quoted for the supply of equipment are on FOR basis inclusive of all Duties, all taxes, freight, Packing & Forwarding, Insurance, Transportation Cost etc. (ruling as on the date of finalization/award of contract), incurred till the delivery of items to ERCMPU. No other extra payments will be paid. The offer shall be of comprehensive in nature. The prices finalized for the items coming under contract are fixed during the validity of contract period.

III.3 Terms of Payment

- a. 60% shall be made after receipt of the material in good condition.
- b. 30% shall be released after installation and commissioning.

- c. 10% will be paid against Bank Guarantee for a period of one year, after satisfactory commissioning of the Milk Chiller at Kattappana Dairy, Nirmalacity. If the commissioning is delayed, the validity of the Bank Guarantee has to be extended suitably so that the Bank Guarantee to remain in force for 12 months after satisfactory commissioning.
- d. Payment shall be made by cheque, if required by DD, while the commission charges shall be at Supplier's account.

III.4 Delivery & Completion Period:

1. The material shall be delivered on door delivery basis at Kattappana Dairy. Unloading shall be arranged by us.
2. All the civil foundation drawing shall be submitted within 15 days from the date of confirmed order.
3. All materials shall be supplied and commissioned within 60 days from the date of the confirmed order.

III.5 Validity

The quotations submitted and the price quoted shall have to be valid for 6 months from the date of opening of quotation. In exceptional circumstances the ERCMPU may in writing solicit the bidder consent to extend the period of validity of offer.

III.6 Guarantee

The supplier shall have to guarantee the quality of the equipment/goods supplied strictly as per specification of contract/purchase order for a period of for a period of 12 months from the date of commissioning.

III.7 Agreement

The successful Bidder shall execute an agreement in stamp paper.

III.8 Insurance:

The goods despatched under the contract on FOR destination basis shall be duly insured against loss or damage in transit at Supplier's account.

III.9 Opening of Tenders

1. Tender shall be opened on the date/time and venue specified in the presence of the Bidders or their authorized representative who opt to be present on the date/time at venue specified for opening of tenders.
2. The Bidder's/authorized representatives present at the time of opening of tenders shall sign the Register evidencing their attendance.
3. Based on merits of details (reg. Infrastructure, production and supply capacity etc..) furnished by the Bidder, the eligibility of tender shall be decided.
4. The Bidders who do not satisfy any/all the terms and conditions mentioned in the tender document shall not be considered.

5. The names of participant Bidders, submission and other details as the Purchaser at his discretion may consider appropriate shall be announced during the opening of Tender.

III.10 Evaluation of Tender

1. Taking into consideration Technical Competence and the quoted price for the goods of specified quality, the quotations will be evaluated.
2. Notwithstanding anything contained in the quotation schedule, no obligation is cast on ERCMPU to accept the lowest quotation and the Union shall also reserves the right to accept or reject any or all the quotations without assigning any reason.
3. The ERCMPU award the contract to the Bidder whose tender has been determined to be substantially responsive to the tendering documents and who has offered the lowest evaluated price, provided that the Bidder has the required infrastructure, eligibility, qualification capability & the resources to carry out the contract effectively.

III.11 ERCMPU' S Rights:

1. ERCMPU reserves the right to accept or reject any or all offers and to annul the Tendering process at any time prior to award of contract without thereby incurring any liability to the effected Bidder or Bidders or any obligatory to inform the effected quotations on the grounds of ERCMPU action.
2. ERCMPU reserves the right to abrogate the contract without thereby, incurring any liability to the effected quotation or contractors or any obligation to inform the effected contractors on the grounds of ERCMPU action.
3. The Managing Director, ERCMPU Ltd shall be the final authority to reject full or any part of the supply which is not confirming to the specification and other terms and conditions.
4. Dispute: In case of any disagreement or dispute arising between ERCMPU & supplier, the decision of Managing Director, ERCMPU shall be final.

III.12 Deviations in Technical Specification

The details of deviation, if any, from tender specification and other conditions should be clearly indicated in the deviation statement form given below:

DEVIATION STATEMENT FORM

The following are the particulars of deviations from the requirements of the tender specifications:

CLAUSE	DEVIATION	REMARKS (INCLUDING JUSTIFICATIONS)

Place:

Date:

Signature and seal of the Manufacturer/Bidder

NOTE:

Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".

IV PRICE QUOTE FORMAT

Clause No.	Item	Qty.	Unit Price ()	Amount ()
1.0	Design, Supply, Installation and Commissioning of Milk Chiller having Capacity of 10 KLPH for Kattappana Dairy			
Total Amount				

(Rupees-----only)

Signature
Name
Address
Telephone No.