



The Bhagirathi Co-op. Milk Producers' Union Ltd.

Feeder Dairy: P.O-Baharampur: PIN -742101: Dist.-
Murshidabad

e-mail: bhagirathi6@rediffmail.com; Website:
www.bhagirathimilk.com

The Bhagirathi Cooperative Milk Producers' Union Ltd., was established in the year 1974, under the "Operation Flood Programme" as a Cooperative Society and is registered under West Bengal Cooperative Societies Act and Rules. The main objective of Bhagirathi Milk Union is bringing about socio-economic transformation of the rural masses through organizing Dairy Cooperative Societies in the district of Murshidabad. Over a period of 44 years, the Bhagirathi Milk Union has been able to infuse a new life in the cooperative movement of the West Bengal, ensuring democratic functioning of the cooperatives such as members' involvement in decision making process, to promote thrift, self-help and mutual aid, involving womenfolk and also to provide for transparent, devoted and efficient management and services relevant to the needs of the cooperatives. The operational area of the Union is entire Murshidabad district which covers 26 blocks.



Range of Products of Bhagirathi Milk Union

Our supply consists of exclusively cow milk obtained from good quality cattle and our effort is to bring fresh unadulterated cow milk to the doorsteps of the consumers. During the processing of the raw milk supplied to us by the farmers we pasteurize and homogenize and as well as maintain originality and purity of the cow milk. Our main objective is to supply fresh dairy products to the consumers within a reasonable cost.

NOTICE INVITING TENDER

BU/E&T/MKTG.TRANSPORT/ 3163

Date: 05.11.2019

The Bhagirathi Cooperative Milk Producers' Union Limited invites tender in **two bid** system for entering into rate contract for hiring **Refrigerated /Insulated** Covered van of various capacities along with driver and helper for transportation of Milk and Milk Products.

IMPORTANT DATE AND TIME SCHEDULE

Sl. No.	Particulars	Date and Time
1	Tender Publication Date	05.11.2019
2	Tender Submission Start Date	05.11.2019
3	Tender Submission End Date & Time	19.11.2019 till 05:00pm
4	Bid Opening Date (to be opened in presence of willing bidders)	20.11.2019 at 03:00pm

The details of work are given below:

Nature of Work	Service
Scope of Work	Rate contract for Hiring Refrigerated / Insulated Covered van for different route, of various capacities (describe below), along with driver and helper for transportation of Milk and Milk Products.
Area of Operation	PAN India. Transporter should have National permit
Estimated Cost of Work	Nil. Bidder should quote the rate depending upon prevailing market rate. Rate should be quoted per K.m basis inclusive of all i.e. Driver, Helper, Fuel, Lubricant, maintenance cost, etc.
Contract Period	Maximum 1 year.
Bid Inviting Authority	The Managing Director of The Bhagirathi Cooperative Milk Producers' Union Ltd.
Security Deposit	<ul style="list-style-type: none">• NIL Rs.20,000/- (Interest free).• Additional security deposit of Rs.5000/- (interest free) will have to be deposited against supply of GPS Tracker by Bhagirathi Milk Union. The amount will be refunded once the contract is over, subject to return of GPS Tracker in working condition.
Eligibility Criteria	Credentials: Experience: Preference will be given to bidders having experience in transporting milk and milk products for any reputed organization for a minimum period of 1 year.
Statutory & Non Statutory Documents	a) Photocopy of: 1. Registration Certificate book 2. Fitness Certificate 3. Insurance Certificate 4. Authorization letter (in case of hired vehicle) 5. Road Tax 6. a. Identity proof (Ration card/Aadhar card/Election Commission's ID card/Driving License/Passport) b. To prove his past experience- photo copies of the experience /Work Orders/Payment certificate may be submitted
Bid Document	The bid document is available in the official Website of The Bhagirathi Milk Union www.bhagirathimilk.com

Financial Bid	<p>The financial bid documents of the technically qualified bidders will only be opened.</p> <p>Rate shall be quoted in the Financial bid. The rate quoted by the tenderer & shall be quoted per km inclusive of all i.e. Driver, Helper, Fuel, Lubricant, Maintenance cost, etc.. Rate offered by the tenderer will be increased / decreased proportionately on monthly basis upon increased & decreased average monthly price of Diesel.</p>
Award of Contract	<p>The bidder selected after evaluation of financial bid by the tender committee will be given Award of Contract, subject to approval from competent authority and fulfillment of Terms and Conditions provided in the tender documents.</p>
Validity of Bid	<p>90 days after opening of Tender</p>
Important Instructions	<p>Technical bid shall be submitted in a separate sealed cover. Similarly, Financial bid also will be submitted in a separate sealed cover. Both the covers of Technical and financial bid shall be kept in a larger sealed cover written on top of it as "Bid for Insulated/Insulated Refrigerated Covered vans".</p> <p>This sealed cover will be dropped in a drop box kept at the office of the Bhagirathi Cooperative Milk Producers Union Limited office at Berhampur, Murshidabad within stipulated time and date.</p> <p>Address: The Managing Director, Bhagirathi Co-op. Milk Producers' Union Ltd. Feeder Dairy: P.O-Baharampur: PIN - 742101: Dist.-Murshidabad</p> <p>Taxes will be deducted as per Govt. norms</p>

GENERAL TERMS AND CONDITIONS

1. Toll tax and other taxes and levies will be reimbursed by the Milk Union on actual basis subject to submission of bill, except overload charges if any. The Milk Union may also issue card for Milk Transport vehicles for remission in toll taxes.
2. The Bhagirathi Co-operative Milk Producers' Union Ltd. will not accept any variation in conditions stipulated in the tender. Any suggestion in the tender, for any modification of the tender conditions will not be entertained and the conditional offer will render the tender invalid.
3. The proposed vehicle which will be provided for transportation of milk and milk products should be in good condition. **Preference will be given to new vehicles.**
4. The transport vehicle staff shall also be responsible for collecting **cheques/drafts/letters**/Crates, Boxes and other related materials from **distributors** and submitting it to the **In-Charge (Marketing) /Route In-Charge of the concern section.**
5. The refrigerated vehicle **for Marketing** should be insulated to maintain a continual temperature of 2^o - 4^oC. The vehicle must strictly comply insulation and refrigeration norms. For any kind of damages to the vehicle or all kind of repairing charges are to be borne by the transporter. In case of breakdown of schedule vehicles, transporters are bound to arrange alternative vehicles of same capacity and same categories, for uninterrupted supply of milk & milk products. In default transporters are liable to compensate to milk union an amount not less than extra expenditure incurred by the Milk Union in arranging alternative vehicles.

6. If the tenderer has already been blacklisted by any Government/ Government Undertakings/ Co-operative societies, his tender will be rejected. In case information about such black listing comes to the knowledge of the Union after awarding of the tender, the contract will be terminated, liquidated damages levied, apart from taking penal action.
7. BCMPUL reserves the right to accept or reject any or all tender wholly / partly without assigning any reason thereof.
8. Successful bidder has to provide vehicle within one month or within admissible time as decided by the milk union.
9. One selection, the contractor has to execute an agreement on Non-Judicial Stamp paper of Rs.100/- (Format Enclosed).
10. List of the vehicles and operational routes along with timetable is as follows-

Route details	Per trip / per day (approx) (km.)	Vehicles Types	Required Vehicle Capacity	Reporting time at Dairy Dock	Distribution Completion time to distributors	Return time to Dairy
F.D to Maldah /any other route as per requirement	273 km per day / Km on actual basis	Insulated cover van	600+10% crate minimum	6.00 P.M	5.00 A.M	12.00 P.M
F.D to Kolkata or any other route as per requirement	400 km per day / Km on actual basis	Refrigerate d Cover van	320+10% crate minimum	2.00 P.M	5.00 A.M	12.00 P.M
F.D to Raijanj via maldah or any other route as per requirement	428 km per day / Km on actual basis	Insulated cover van	320+10% crate minimum	6.00 P.M	5.00 A.M	12.00 P.M
F.D to Gangarampur via Farakka, maldah or any other route as per requirement	408 km per day / Km on actual basis	Insulated cover van	320+10% crate minimum	6.00 P.M	5.00 A.M	12.00 P.M
F.D to Lalgola or any other route as per requirement	90 km per day / Km on actual basis	Insulated cover van	220+10% crate minimum	6.00 P.M	5.00 A.M	12.00 P.M
F.D to Murarai via Raghunathganj or any other route as per requirement	160 km per day / Km on actual basis	Insulated cover van	320+10% crate minimum	6.00 P.M	5.00 A.M	12.00 P.M

Precautions:

1. The tenderer must satisfy himself thoroughly about the geographical area to be covered, nature of work, route conditions /local conditions and the requirement of the Milk Union before submitting his tender.
2. The person signing the tender should be the Proprietor / Partner / Managing Director or any other person duly authorized to sign the tender document. In the latter case, authorization letter should be attached.
3. The tenderer should read every page and understand the implications fully and offer the tender only if he could discharge the obligations set out in the tender documents.
4. Required specification for refrigerated / insulated cover vehicles (Copy enclosed).
5. The consumption of diesel for different carrying capacity vehicle will be consider as below-

Capacity of Insulated/ Refrigerated Vehicle	Fuel consumption Km/liter for Refrigerated Vehicle
600+10%	7 km.
350+10%	8 km.
350+10% (A.C)	7 km
220+10%	10km.

N.B:- Rate offered by the tenderer will be variable proportionately on monthly basis, subject to increased & decreased average monthly price of Diesel.

We look forward to receiving your quotations and thank you for your interest in this project.

Sd/-
Managing Director
The Bhagirathi Co-operative Milk
Producers' Union Limited

Copy forwarded to:

1. Office Notice Board
2. Notice Board of D.C.P
3. Notice Board of K.C.P
4. Official Website (www.bhagirathimilk.com)
5. Tender Notice File.
6. All present Transporters.

Encl. As above.

DRAFT AGREEMENT

THIS AGREEMENT is made onday of December' 2019.

BETWEEN:-

1. *Managing Director, The Bhagirathi Co-operative Milk Producers' Union Ltd*, having its registered office at Panchantala, Berhampore, Murshidabad, West Bengal, 742101. (hereinafter referred "FIRST PART")

AND

2. (hereinafter referred as Transporter "SECOND PART"), having permanent address at (Which expression shall mean and includes, unless it be repugnant to the subject or context thereof, include its assignees, nominees, successors-in-interest and administrator).

WHEREAS:-

That the Milk Union is interested to hire Refrigerated / Insolated vehicle per km basis (including Fuel, lubricant, driver, helper and maintenance cost etc.) of different carrying capacity as mentioned in the tender documents for collection as well as distribution of milk & milk products, milk Crate, Paneer Box, and other relating materials / documents from Feeder Dairy to Distributor / Retailer point / any other operational areas within India.

That the Transporter has agreed to provide Refrigerated / Insolated and operate his vehicle having carrying capacity of Crate Packed Milk & Milk Products. (each Crate carrying 10 liters of milk & weight of one Crate is approximately 1.5 Kg), for transportation, distribution and collection of milk & milk products, from our Dairy to distributor points as well as other retailer /distribution point or any part of India.

That the route details is....., No....., per kilometer rate is Rupees(Rupees.....only), including Fuel, lubricant,along with driver, helper and maintenance cost etc. under the following terms and conditions mentioned hereinafter.

NOW THEREFORE THIS AGREEMENT WITNESSES AS FOLLOWS:

Other Terms and Conditions:

1. The Transporter (transporter for the mentioned route) will be liable to carry out and hand over the milk and milk products to the said distributor/retailer (according to challan). The contract will be valid for maximum 1 year from the date of acceptance of the Work Order / placement of vehicles and the Transporter will be liable for providing the service for the stipulated time period.
2. If the service of the transporter is not found satisfactory or it is adverse to the interest of the Milk Union then the Milk Union (Bhagirathi Milk Union) may terminate the contract at any point of time, without assigning any reason.

3. The Transporter will be liable to receive the milk and milk products from Feeder Dairy according to the challan and time table, provided by the Marketing Section and transport them through insulated/refrigerated cover vans to the distributor/retailer lying in the concerned route. Accordingly the transporter has bound to return the empty crates, boxes, drafts, received copy of challan and other documents to the Milk Union as soon as the vehicle returns to dairy. If the transporter fails to fulfill the aforesaid responsibilities due to any reasons, which causes any economic loss or detrimental to the reputation of Milk Union then the transporter will be compelled to compensate the penalty amount imposed by the Milk Union which will be deducted from the monthly bill of the transporter.
4. As per the instruction of the Milk Union, the transporter has to maintain a proper record regarding the list of items returned by the distributors/retailers. The transporter will be responsible for any damage of consignment or return due to late arrival etc. which is caused by him/her to the distributors/retailers due any sort of mistakes/negligence .In such situation, the Milk Union will have the power to compensate the loss by deducting suitable amount from the bills of the transporter due to the negligence. The decision will be final and binding on the transporter.
5. If the Bhagirathi Milk Union has to stop the supply of the milk and milk products of any distributor/retailer of the said route due to any reasons, the Bhagirathi Milk Union will not be bound to pay any compensation to the transporter. The transporter is bound to follow the instruction of the Union on this note. Bhagirathi Milk Union will inform their decision to the transporter well in advance.
6. If the engaged vehicle of the transporter is unable to supply milk and milk products due to any reason whatsoever then the transporter has to arrange an alternative vehicle to continue the transport service. If he fails to do so, he will be liable to pay the amount of extra expenditure incurred by the Milk Union in arranging such alternate vehicle along with penalty as fixed by the milk union. The corresponding amount along with penalty, if any, will be deducted from the bill of the transporter.
7. As transportation of milk and milk products belong to emergency service, the transporter will have to **affix** a board written "ON EMERGENCY MILK DUTY BHAGIRATHI MILK UNION" on the vehicle, such that it draws the attention of everyone and the transport service does not get interrupted.
8. The transporter shall have to maintain one reserved space in the transporting vehicle for one of the official of the Milk Union and in case of any accident, the rules of Motor Vehicles (MV) act will be followed.
9. During the transit the transporter shall not carry any passenger or any other materials without permission of Milk Union. If the transporter or his/her staff is associated with any illegal activities or any accidents, Milk Union will not be responsible morally/legally regarding the aforesaid matters.
10. That the transporter shall have to deposit a (refundable) interest free **security Deposit of Rs. 20,000/-** in favour of The Bhagirathi Cooperative Milk Producers' Union Ltd.in Demand Draft in any Nationalized Bank payable at Berhampore at the time of issuance of work order. In default, that amount will be deducted from the transport bill as and when decided by the milk union.

11. **Additional security deposit of Rs.5000/-** interest free will have to be deposited against supply of GPS Tracker by Bhagirathi Milk Union. The amount will be refunded once the contract is over, subject to return of GPS Tracker in working condition.
12. The Milk Union may increase/decrease the number of distributors/retailers in the said route and the transporter will be bound supply the goods to the newly appointed distributors/retailers as per instruction of the Milk Union. In case of increase in/decrease in the number of distributor/retailer, the Milk Union the additional hike/escalation in cost will be borne by the Milk Union.
13. The transporter has to submit the transport bill (triplicate) within 7th day of next month. On this basis the bill amount will be paid within 21 days of the next month. In case of failure to submit the bill within 7th day of succeeding month, the Union will not be responsible for any delay in paying monthly bill. Income tax rules will be imposed accordingly.
14. The transporter will be fully responsible for any demurrage of milk and milk products for negligence to arrange the alternative vehicle or any other negligence from the end of the transporter or his/her staff. The demurrage and penalty amount will be decided by the Bhagirathi Milk Union and it will be deducted from the monthly bill of the transporter.
15. If required, the transporter will be liable to transport milk and milk products of other routes according to the challan and stipulated timetable provided by Marketing Section and at the time of carrying milk and milk products if any damage occurs, the transporter will be liable. In this case the approved rate of that route / type of vehicle will be considered.
16. The time table, for placing the vehicle to dock area for receiving the milk and milk products and for dispatching to the said route, shall be finally decided by Bhagirathi Union and the transporter is bound to follow the instruction / time table.
17. No appeal for enhancement of rate will be entertained during the contract period. Due to any reason if the transport service is stopped or paused, the transporter has to pay the total transportation cost for any alternative arrangement made by the Milk Union and the security amount will be forfeited and suitable compensation will be imposed.
18. The transporter will be liable to submit all the necessary valid documents related to the vehicle such as legal permit, token, vehicle insurance, fitness certificate etc of the vehicle before engaging the vehicle.
19. After accepting the contract, if the transporter fails to engage the vehicle according to the work order, his/her security deposit will be forfeited and he/she will not be able to participate in any kind of tender in the BHAGIRATHI Milk Union for two years.
20. If the transporter quits the job during the contract period, the demurrage cost due to this, will be collected from the transporter and the security money will be forfeited and a suitable penalty will be imposed.

21. If any kind of doubt arises regarding the contract or its briefing, both parties can appeal to the arbitrator. In this case the arbitrator will be Chairman / Special Officer of the Milk Union or any representative nominated by them.
22. If it is found that transporter /any staff of the transporter is involved /engaged in any kind of illegal activities then legal action will be taken accordingly and if any transporter /staff of the transporter misbehaves with any officials of the union, then the particular staff will have to be dismissed immediately.
23. The transporter will not carry any other items/goods than the materials provided by the Milk Union. If so, a suitable fine will be imposed to the transporter without assigning any reason, for each time.
24. The Transporter cannot engage the non-insulated / non refrigerated vehicle for carrying milk and milk products without the prior permission of the Milk Union.
25. If the dairy plant is required to be closed under any circumstances like shortage of power, strike, lock-out or any natural calamity and if the transportation service gets interrupted, the Union will not be liable to compensate any demurrage to the transporter.
26. This is completely a commercial contract, not for recruitment. No employee-employer relationship will be maintained between the transporter and the union. In addition to this the transporter has to follow the terms and conditions of the contract apart from this any instruction issued by the Milk Union will be followed by the Transporter.
27. If the service of the transporter is found not satisfactory and violating any of the terms and conditions of the contract, the Milk Union reserves the right to terminate his/her contract without any notice. Due to any reason if the service of the transporter is no more required then Milk Union will not be liable to pay any kind of demurrage to the Transporter for the respective day or for the stipulated time period.
28. The vehicle used by the transporter to transport milk and milk products should comply with the MV act. In case of any kind of fine the amount shall be borne by the transporter.
29. No loading or unloading charges will be paid to the transporter. In addition to this, in case of sale enhancement of milk and milk product, the transporter will have bound to engage an extra vehicle at the same rate or at the rate as decided by the Union.
30. The transporter has to carry advertisement of Bhagirathi milk and milk products around the transporting vehicle provided by Milk Union.
31. The transporters have to maintain within 2-4 degree temperature during the transit period of milk and milk products. Transit Insurance shall be borne by the Milk Union.
32. Transporter must have to engage 1 helper along with driver for the engaged vehicle. Bhagirathi Milk Union will not be responsible for compliance of any kind of legal, statutory obligations for the staffs engaged by the transporter.

- 33.No overloading penalty will be paid from the Bhagirathi Milk Union for any stipulated capacity of vehicle mentioned in the financial bid.
- 34.Except, condition No-27, either party can terminate the contract with a notice for a periods of three months.
- 35.Rate offered by the tenderer will be variable proportionately on monthly basis upon increased & decreased average monthly price of Diesel.
- 36.One selection, the contractor has to execute an agreement on Non-Judicial Stamp paper of Rs.100/- (Enclosed Format).
- 37.G.P.S must be “On” during the trip and additional security deposit of Rs. 5000/- will be refundable, subject to return of G.P.S in working condition.
- 38.The transporter shall return duly filled in the challan along with all returnable container (like crates, Box etc) in good condition to the designated official of the Dairy. Any loose or damaged caused to the containers, any pilferage, theft it is during the process of transportation shall be recovered from the Transporter. The amount of recovery will be:
 - A) Consumer price in case of milk and milk products.
 - B) Cost price of packing materials along with fine as decided by the Milk Union.

Signature of 1st Party

Signature of 2nd Party

Witness

1.....

1.....

2.....

2.....

FINANCIAL BID

Ibidder abide by all the terms and conditions of this NIT and submit financial offer below:

SL No.	Item Description (Route Description) & Capacity of Vehicle	Refrigerated / Insulated	Approx Km per day / Actual Km (To & Fro)	Required Vehicle Capacity	Quantity of Vehicle Required No(s)	Rate of vehicle per km basis inclusive of all (Rs.). To be quoted by the bidder
1	<i>F.D to Maldah /any other route as per requirement</i>	Insulated Cover Vehicle	<i>273 km per day / Km on actual basis</i>	<i>600+10% crate minimum</i>	1	
2	<i>F.D to Kolkata or any other route as per requirement</i>	Refrigerated Cover Vehicle (Maintaining temperature within 2 °C-4 °C)	<i>400 km per day / Km on actual basis</i>	<i>320+10% crate minimum</i>	1	
3	<i>F.D to Raijanj via maldah or any other route as per requirement</i>	Insulated Cover Vehicle	<i>428 km per day / Km on actual basis</i>	<i>320+10% crate minimum</i>	1	
4	<i>F.D to Gangarampur via Farakka, maldah or any other route as per requirement</i>	Insulated Cover Vehicle	<i>408 km per day / Km on actual basis</i>	<i>320+10% crate minimum</i>	1	
5	<i>F.D to Lalgola or any other route as per requirement</i>	Insulated Cover Vehicle	<i>90 km per day / Km on actual basis</i>	<i>220+10% crate minimum</i>	1	
6	<i>F.D to Murarai via Raghunathganj or any other route as per requirement</i>	Insulated Cover Vehicle	<i>160 km per day / Km on actual basis</i>	<i>320+10% crate minimum</i>	1	

Thanking you,

Signature of the bidder

[Name in Capital Letter]

Technical Specifications

Specification of Refrigerated / Insulated Vehicles

Description	Technical Particulars
Applications	A refrigerated vehicle comprises of an insulated container body and a refrigeration unit to give the required temperature inside for the Milk product transportation.
Temperature range	(+) 2°C to 4°C
Body Parameters	
Structure	The Body comprises of outer and inner panels and an insulating material, the outer and inner panels should be of CR sheet/stainless steel. The insulated material should be Poly Urethane Foam (PUF) having minimum density of 30 Kg/cub. Meter and minimum 100 mm thick. Load bearing column should be of HR steel as per IS 1079 having pressed formed sections. Proper lightening should be provided inside the cabin and thermal insulated container. No fluorescent tube should used for lightening purpose.
Outer panel – roof and side walls	Minimum 1 mm CR sheet bonded with insulation
Inner panel – side wall and ceiling	Minimum 0.3 mm stainless steel bonded with minimum 6mm marine grade ply wood. All joints should be sealed with a good quality sealants and fastened with SS screws.
Floor	Bottom most sheet should be minimum 0.6 mm GP sheet bonded with insulation. Upper layer should be of 12 mm (minimum) ply wood and top most layer of minimum 2 mm aluminum checkered plate.
Door	Two leaves with outer and inner panels and insulation matching with box. It should be completely air sealed with FRP section and suitable EPDM rubber profile.
Door opening angle	Minimum 270°
Foam density	Minimum PUF 30 Kg/m ³
Thickness of insulation	Minimum 100 mm for side walls and 120 mm for roof and floor
Insulation thermal conductivity	Maximum 0.02 5w/m ² K
Hold Over Time	The container should hold the inside temperature at least for eight hrs at the ambient temperature of 45°C when it is not opened.
Refrigeration unit	
Unit installation	The refrigeration unit is installed on the body above the cabin of the vehicle and gives a range of temperatures. The unit should be powered by self propelled truck engine. It should have suitable sized compressor, evaporator and control switches along with voltage stabilizer.
Temperature	The temperature variation is from +4 deg Celsius to + 2 deg Celsius
Temperature recording	The temperature is digitally displayed and recorded by the use of data-logger with an accuracy of +/- 0.5°C. The sensor should be placed inside the Milk & Milk products chamber and the recording should be displayed in the cabin. It should be an electronic device placed in closed camber of Milk, which records the Milk product temperature after loading of the Milk Product, during traveling till it is unloaded. The minimum capacity of storing the data in data logger should be of 7 days. It should be an alarm system and as soon as the Milk product temperature crosses the safe range alarm alerts the handlers.

Stand by motor	A single phase stand by motor with a extension lead of 20 meters should be provided which should be powered by external electricity source; this electric motor will drive the compressor to maintain internal temperature at the desired level during extended stops and for pre-cooling the Milk & Milk product chamber.
Testing requirement	
Air tightness test	This test should be carried out after all the structural tests have been completed and prior to the heat leakage test. The temperatures inside and outside the thermal container shall be stabilized within 3K of each other and shall be both be within the range 288 K to 298K.
Heat Leakage test	Heat leakage test should be determining the heat leakage of the thermal container shall be taken for a continuous period of not less than 8hrs, during which the following conditions shall be satisfied: a) The test shall be performed with a mean wall temperature chosen between 288 K and 298 K. b) A thermal mapping should be conducted for the Milk product storage chamber and the max. Temp. difference between the warmest and the coldest inside points at any one time should not be more than 1deg.C
Certificates of testing	All above mentioned test should be conducted through an approved laboratory by the Government of India and the equipment should be supplied along with the test certificates.

PS: Physical dimensions mentioned above in the specifications should be approximated to +/- 5% variation.