



**The Bhagirathi Co-op. Milk Producers' Union Ltd.**  
(A Govt. of West Bengal Project)  
Feeder Dairy: P.O-Berhampore: PIN -742101: Dist.-Murshidabad  
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### NOTICE INVITING E-Rate Contract

BU/PUR/ENQUIRY/1530

Dated: July 03, 2018

**The Bhagirathi Cooperative Milk Producers' Union Limited invites E-Rate Contract for supply of BIS Standard Polythene film for Milk, Curd and Lassi for the period of two year i.e. July 2018 to June, 2020 and the tender rate will be valid up to 30.06.2020. Interested bidder may download the tender document from e-procurement site of Govt. of West Bengal <https://wbtenders.gov.in> and the official website of the Milk Union [www.bhagirathimilk.com](http://www.bhagirathimilk.com) .**

**Any corrigendum, updates etc. relating to this advertisement will be published only in <https://wbtenders.gov.in> and the official website of the Milk Union [www.bhagirathimilk.com](http://www.bhagirathimilk.com). Therefore, interested bidders may regularly visit the above website for any updates.**

**The Milk Union reserves the right to reject any or all the tenders without assigning any reason thereof.**

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

## **PART-I (Technical Bid)**

1. Item to be supplied: Co-extruded 3 layer LDPE/ Octane LLDPE/Master, batch based Natural/ Pigmented in one colour/, two colour/, three colour/, four colour/, five colour/, six colour onward printed Film Rolls, made out of Food Grade virgin granules.
2. Required Quantity 60MT per year (Requirement may depending on demand).
3. Validity of Offer 90 days from opening the tender.
4. Period of supply: From **15.07.2018 to 30.06.2020**.

### **Required documents to be submitted online and offline along with filled in tender documents:**

1. The prospective applicant must have to deposit fixed Earnest Money ₹ **25,000.00(Twenty five thousand)** only by Demand Draft from any nationalized Bank in favour of **The Bhagirathi Cooperative Milk Producers' Union Limited** payable at **Berhampore, Murshidabad. The scanned copy of EMD and documents mentioned hereunder must be uploaded in technical folder.**
2. Trade License
3. PAN Card
4. P-TAX,
5. GST Certificate
6. Client List other credentials, related to supply of similar items to any Dairy, Milk Federation, Cooperatives etc.
7. The certificate of the bidder that the polythene film to be supplied are made of food-grade virgin material & suitable for packing of Dairy/ Food products & the polythene film are manufactured by the bidder.
8. Sample along with the test report from Indian Institute of Packaging/TUV India/ CIPET/ any Govt. approved laboratory for testing of poly roll.
9. Turn over certificate from Chartered Accountant or Audited Financial statement (2017-18) must be submitted in support of required turn over.

**The Earnest Money Deposit (EMD) along with copies of all relevant documents as mentioned above must be sent physically / through post to the office of The Bhagirathi Cooperative Milk Producers' Union Ltd in sealed envelope cover so as to reach this office before last date and time of submission.**

**(Financial quote must not be sent through post / physically)**

## **General Terms and Conditions**

1. The intending bidders are required to quote the rate online only. Financial Bid will contain rate of items only. No other document will be sent in the financial bid (Folder).
2. The intending bidder is required to quote the rate in figures as well as in words in financial bid. Rate should be quoted per piece of item.
3. After the delivery of the goods at the site of plant, the same shall be accepted by the concerned plant personal office its preliminary inspection for the purpose of use and consumption. However, 90% payment will be released on satisfactory performance within 30 days of acceptance and balance 10% will be paid within 90 days, subject to yield and test result of each lot of supply. In case of dispute, the testing may be done at our approved laboratory and the testing charges may be recovered from the suppliers. The weight of polythene film weighed at our dairy will be final. The suppliers may depute their representative to our dairy plant in the event of any discrepancies for a joint verification.
4. The documents submitted by the bidders should be properly indexed & digitally signed.
5. During the scrutiny, if it comes to the notice to the tender inviting authority that the credential(s) and/or any other paper(s) has/have been of any bidder found incorrect/ manufactured/ fabricated, that bidder will not be allowed to participate in the tender process and that application will be rejected outright. The Bhagirathi Cooperative Milk Producers' Union Ltd. Reserves the right to cancel the N.I.T. at any time without showing any reason in the interest of the public and no claim in this respect will be entertained.
6. Supply of Goods: The supply of goods must be delivered within Delivery time from the date of issue of Purchase Order in consignments as decided by the Purchasing Authority time to time. The supplier should have the capacity to supply 10% of the total quantity as mentioned in the tender.
7. Time being the essence of contract no variation shall be permitted in the delivery time as prescribed in the delivery schedule. If the bidder fails to supply and execute the work as per delivery schedule, The Bhagirathi Milk Union ltd. shall reserves the right to impose a liquated damage of 0.5% of the total contract value per week subject to a maximum of 10% of the contract value. In spite of several reminders and follow up if the party fails to execute the order and supply the material the contract will be cancelled and EMD will be forfeited.

8. One termination of contract, the EMD is liable to be forfeited and any of the resultant loss beyond EMD will be recovered from the contractor by legal means apart from forfeiture of any amount due to the contractor.
9. If there is any complain regarding the quality/ damage / short supply / failure of schedule date delivery etc. you will be responsible for replacement of the same or the cost of such item would be deducted from your bill amount.
10. The Milk Union reserves the right to terminate this contract if your performance is found unsatisfactory.
11. Place of Delivery: The office of **The Bhagirathi Cooperative Milk Producers' Union Ltd. Feeder Dairy, Panchantala, Berhampore, Murshidabad, Pin-742101, West Bengal.**
12. Conditional *and* incomplete tender will not be entertained. Violation of one or more clause will result in rejection of the tender
13. The accepting authority (The Bhagirathi Cooperative Milk Producers' Union Ltd.) reserves the right to reject any or all the tenders without assigning any reason whatsoever and will not be bound to accept either the lowest tender or any of the tenders. The Milk Union also reserves the right to approve more than one supplier at different rates. The party other than the lowest bidder shall be termed as alternate supplier(s). The Purchase Orders on such alternate supplier(s) shall be placed on failure of the first party on account of non-confirmation to the prescribed quality/services/ other terms & conditions as given in the Tender document/Purchase Order. This shall be deemed risk purchase.
14. Before issuance of the SUPPLY ORDER, the tender inviting authority may verify the original credential(s) and/ or other document(s) of the lowest bidder with original documents, if found necessary. After verification, if it is found that the document(s) submitted by the lowest bidder is/are either manufactured or false, the work order will not be issued in favour of the said Bidder and earnest money will be forfeited.
15. You will be required to serve us at least 3 months' notice in advance and earnest money will be forfeited, if you want to discontinue supplying us the materials as per the rate contract.
16. For any violation in specification as enclosed the order may be cancelled and resultant loss will be recovered from the supplier.

17. Mode of transportation for the supply of the goods will be arranged from your side.
18. Before acceptance of the Purchase Order you are required to enter into an agreement with The Bhagirathi Milk Union which will specify that the supply of goods will be as per specification and terms and conditions specified in the tender.
19. The undersigned reserves the right to cancel the tender at any point of time without assigning any reason thereof.

### **Specification**

Specification for 50% OCTANE based LLDPE/LDPE film for packing of liquid milk.

**Scope:**

This specification prescribes requirement of low density Polythene Film for packing of liquid milk pouch machine (IS-5).

**Process:**

The film shall be blown by co-extrusion process with triple co-extrusion.

**Materials:**

The film shall be manufactured using virgin indanthrene granule of IPCL grade 1005FY20 or equivalent LDPE and 50% OCTANE based LLDPE of M/s. RIL (019010) with food grade requirements given in IS:101461982 and IS:10141-1982. Virgin food grade LDPE and virgin food grade LLDPE will be blended. The pigments used if any shall be from those listed in any of the above mentioned standards. The thickness of the film shall be within specified thickness as mentioned at (b) Technical Specifications and proper combination of 50%OCTANE based LLDPE to be used with LDPE.

**DIMENSION:**

Various dimensions such as thickness of the film with tolerance on the width and thickness, core diameter, are given in the Technical Specifications.

**GENERAL REQUIREMENT:**

The film shall be clean and opaque as may be required. IT shall be uniform in texture and finish. The film shall be free from pin holes, streaks, particles of foreign matter and un-dispersed raw material and free from insects. There shall be no other visible defects such as holes, tears or blisters. The edges shall show no impression of handling on the surface of the film. The film shall have even and wrinkle free surface.

**ODOUR:**

The film shall be free from any extraneous odour.

**YIELD:**

For a given film thickness, pouch length and packing minimum guaranteed yield per Kg of film is given in the Technical Specifications.

**OTHER REQUIREMENT:-**

**Winding:** - The film shall be wound on the new core made of strong paper, having 70mm. inner diameter uniformly and with proper tension which shall form a trimmed perfect edge. The rolls shall be packed in such manner to prevent any telescoping of the film layers and securely packed against damage from outside atmospheric agents in handling and transit. The maximum diameter of normal rolls should not exceed 500mm.

**Curvature:** - The sheet must be straight to the extent that when unwound from the roll the centre drive of the film should not deviate more than 13mm. in 30 meters length. The film shall be free from static electricity removed and free from pin holes and fish eyes.

**Printing:** - The film shall be printed in one/two/three/four or more colours in approved design of The Bhagirathi Co-Operative Milk Producers Union Ltd. The printing shall be carried out by color flexographic/rotogravure process. Ink used for printing shall conform to IS: 6931-1972 and shall be permissible under FSS rules. Colours and Ink used shall be approved for packing of food material especially milk for human consumption and conform to all applicable food and drugs regulations. The ink shall not bleed or spread over the heating element. The ink and the resulting printing shall have sufficient light fastness. The print shall be neat and clear in all respects. Design and colours will be selected by The Bhagirathi Co-Operative Milk Producers Union Ltd.

**Marking:-** Each roll shall be marked legibly to give the following information:-

- 1). Name, type and thickness of the film.
- 2). Name and address of the manufacturer.
- 3). Net and gross weight.
- 4). Batch no. and date of manufacture.

**Wastage:** - The overall operational wastage of film on handling plant and cold Store during packing milk and storage of filled pouches in cold store shall not be more than 2% of the weight of film used.

**TESTS:-**

- a). **Leak Test:-** The milk pouches made from the film when filled with milk at about 8°C and sealed shall not show any leakage when subjected to uniformly distributed load of 2.5kg. for 500ml. pouch and 5kg. for 1ltr. Pouch in flat position for 10 minutes with side seal on top.

b).**Drop Test**:- The filled pouches made from the film when subject to the drop test shall not burst or show leakage of the contents. Sixteen samples of filled pouches shall be taken at random from the fitting line. The temperature of the filled pouches shall be maintained within 2°C of the filling temperature of the milk. Sample pouches drawn from the machines above shall be dropped from a height of 2.0meter on a flat, smooth surface. Each pouch shall be dropped four times in the following sequence:-

1. On flat side.
2. On opposite side.
3. On flat longer edge.
4. On opposite longer edge.

i). The samples shall be deemed to have passed the test if not more than one pouches burst in the test.

ii). If during packaging and or transportation, the leakage are found high than the film maybe rejected.

c)**COLOUR FASTNESS TESTING ON FILM**:-

Immerse printed piece of film in milk and leave for 12hours in milk at a temperature of about 8°C. After removing the film from the milk wipe it with a cloth and dry it. Rub the printed surface with tissue paper gently by hand. The ink removal from the print shall not be to the extent to render the printed matter not readable clearly after test.

d)**THICKNESS**:- The thickness of the film shall be assessed by its withstanding the drop test and leak test and also as per procedure laid down in IS:11805, 1989 & IS:2508, 1984.

e)All test parameters of the milk as recommended by B.I.S. and as mentioned in this specifications will be performed as per methods specified by B.I.S. vide IS: 11805, 1989, & IS:2508, 1984.

f)The film roll shall be thoroughly protected against contamination and manufactured to meet hygienic standards laid down for food processing industries as per FSSAI guide lines and packed in strong polythene liners for protection against dust dirt and water .

g) Core and Winding: core should be taken for supply of spools with uniform weight. The film shall be round on strong paper core having 70mm inches dia and minimum dia of round roll shall not exceed 500mm. The film shall be round on the core uniformly with paper tension and printing surface should remain outside.

# Technical Specifications

## Sl.No. Particulars

## Specification.

- a) Raw materials : - Made from 50% LDPE and 50% OCTANE LLDPE specified M/S. IPCL/RIL for milk packaging.
- b) Thickness of film for OCTANE: - For 250/500ml. of sachets: Minimum 49microns. based LLDPE/LDPE combination. Maximum 55microns i.e.  $52 \pm 3$ microns.
- c) Width of film :- 323 - 325mm.
- d)Ultimate tensile strength of break (NPA) MD 40/MPa TD 35/MPa.
- e) Elongation at break
- f) Dart impact Resistance
- g)Tensile strength at break
- h) Slip Test
- i) Density : - 0.918g/cc.
- j) Mean failure height : - 2meters minimum for a sachet of 500ml. on drop filled pouch and should not show any leakage or bulge on sachet.
- k)Weight per roll : - The net weight of roll should be not more than 20kgs. and nos.of joints per roll should not exceed 2(two) in any Case.
- l) Guaranteed yield per kg. film (For 50% OCTANE based LLDPE & LDPE combination.) Minimum 375sachets with thickness of minimum 49microns & maximum 55microns. i.e.  $52 \pm 3$  microns and length  $155 \pm 5$  mm. for  $\frac{1}{2}$  ltr. Pouch.

Shall conform to IS: 11805:1989

Notwithstanding anything given in the specification, the film shall perform the purpose required of it in the most efficient manner.

**Sd/-**  
Managing Director  
The Bhagirathi Cooperative  
Milk Producers' Union Limited



## PRICE BID AND ESCALATION CLAUSE

Quoted price should be inclusive of Excise Duty, Sales Tax, Packing & Forwarding, Freight, Transit Insurance and F.O.R destination basis, mentioning delivery period.

**Price quoted by the bidders should be on the basis excise duty, taxes and levies, Freight, Insurance, Packing forwarding, Loading, Printing, Pigmentation and any other incidental expenses and shall be considered under one head i.e. Conversion Cost.**

**The bid evaluation shall be on the basis of Conversion cost only.**

**The example below shows how the calculation will be done.**

***Ex-factory cost:***

***(i) Raw material cost per Kg Rs.99.30 of LDPE (1005FY20) & Rs.100.39 of LLDPE (019010) ( at the ratio of 50:50)***

***As per current RIL/IPCL Rate***

***LDPE (1005FY20) :- Rs.49.65***

***LLDPE(019010) :- Rs.50.20***

***Sub-total :- Rs.99.85***

***Excise duty 12.50% :- Rs.12.48***

***(ii) Conversion cost per Kg:***

***TOTAL \_\_\_\_\_***

**The rates accepted on current rate of LDPE Granule for 1005FY20 grade of RIL/IPCL per MT (rate of LDPE Granule for 1005FY20 & 019010 grade of RIL/IPCL per MT (Any change of rate made by RIL/IPCL at any time either upward or downward should be informed by the Supplier to the Managing Director, BCMPUL at once. In case there is any increase/decrease in the price levied by IPCL/RIL for supply of raw material actually used for production of film being supplied during the course of delivery period noted herein, you shall be compensated by granting actual increase in respect of the price of film at the same unit rate per kg. of raw material on production of documentary proof thereof and you shall similarly pass on any benefit accruing out of any decrease in price of raw material to The Bhagirathi Cooperative Milk Producers' Union Ltd. Similarly any increase in the Govt. levies shall be refunded to you at actual on conditions that you shall pass on any benefit out of any decrease in the Govt. levies to The Bhagirathi Coop. Milk Producers' Union Ltd.**

**F.O.R price per Kg as per current RIL/IPCL price**

SL No.	Particulars of the Item	Average Consumption ( MT/year) may vary depending on demand	Remarks
1	Polyfilm for Toned Milk	30 MT	4 coloured printing
2	Polyfilm for Double toned Milk	3.5MT	4 coloured printing
3	Polyfilm for Standardized Milk	20MT	6 coloured printing
4	Polyfilm for Sour Curd	2 MT	4 coloured printing
5	Polyfilm for Lassi	1 MT	4 coloured printing

**DATE AND TIME SCHEDULE**

Sl. No.	Particulars	Date & Time
1	Date of uploading (Publishing)of N.I.T. Documents (Online)	<b>03.07.2018</b>
2	Documents download start date (Online)	<b>03.07.2018</b>
3	Documents download end date (Online)	<b>17.07.2018</b>
4	Date of hosting of documents at departmental website ( <a href="http://www.bhagirathimilk.com">www.bhagirathimilk.com</a> )	<b>03.07.2018</b>
5	Technical Bid proposal submission start date (Online)	<b>03.07.2018</b>
6	All documents as mentioned above may be sent physically/through post to the office of The Bhagirathi Cooperative Milk Producers' Union Ltd in sealed envelope cover.	at The Bhagirathi Cooperative Milk Producers' Union Ltd.
7	Bid Submission end date (Online)	<b>17.07.2018</b>
8	Technical bid opening date	<b>19.07.2018</b>
9	Pre bid Meeting (In Office at The Bhagirathi Cooperative Milk Producers' Union Ltd)	<b>09.07.2018</b>
10	Financial Bid Opening date	To be Notified Later

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