

 <p><b>BHAGIRATHI</b> ভাগীরথী</p>	<p><b>The Bhagirathi Co-op. Milk Producers' Union Ltd.</b>  <b>Feeder Dairy: P.O-Berhampore: PIN -742101: Dist.-</b>  <b>Murshidabad</b></p> <p>☎ (03482) 250898, 260534 &amp; FAX: 03482 – 251978  e-mail: <a href="mailto:bhagirathi6@rediffmail.com">bhagirathi6@rediffmail.com</a>; Website:  <a href="http://www.bhagirathimilk.com">www.bhagirathimilk.com</a></p>
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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/DAIRY/PKGM/2517

Dated: 22.10.2018

The Bhagirathi Cooperative Milk Producers' Union Limited invites Online Tender (E-Tender) in Two bid system for entering into rate contract for supply of BIS Standard Polythene film for Milk, Curd and Lassi for a period of **six months**.

## **IMPORTANT DATE AND TIME SCHEDULE**

Sl. No.	Particulars	Date & Time
1	Date of uploading (Publishing) of N.I.T. Documents (Online)	22.10.2018
2	Documents download start date (Online)	22.10.2018
3	Documents download end date (Online)	05.11.2018 till 1500 hrs
4	Date of hosting of documents at departmental website ( <a href="http://www.bhagirathimilk.com">www.bhagirathimilk.com</a> )	22.10.2018
5	Technical Bid proposal submission start date (Online)	22.10.2018
6	Bid Submission end date (Online)	05.11.2018 till 1500 hrs
7	Technical bid opening date	07.11.2018 at 1600 hrs
8	Pre bid Meeting (The Office of The Bhagirathi Cooperative Milk Producers' Union Limited)	25.10.2018
9	Financial Bid Opening date	To be notified later

### **The details of work are given below:**

<b>Nature of Work</b>	Rate Contract for supply of Polyfilm
<b>Scope of Work</b>	E-Rate Contract for supply of BIS Standard Polythene film for Milk, Curd and Lassi for the period of <b>six months</b> .
<b>Contract Period</b>	6 months from the date of acceptance of the Award of Contract
<b>Bid Inviting Authority</b>	The Managing Director of The Bhagirathi Cooperative Milk Producers' Union Limited
<b>Estimated Cost put to Tender</b>	<b>Rs. 70,00,000/-</b>
<b>Eligibility Criteria</b>	<b>Credentials:</b> <ol style="list-style-type: none"><li><b>Experience (Credential Certificate):</b> Minimum 1 year experience within the last five years of <b>minimum 50% of the value put to tender i.e Rs. 35,00,000/-</b> in supply of Polyfilm in the Government/Govt. undertakings/ Cooperative Dairies / any private dairy. The one year experience of the tenderer should be in the same name and style as the bidding entity. Experience certificate supporting the claim must be uploaded in the Technical Bid Folder.</li><li><b>Turnover:</b> Average Annual Turnover from supply of polyfilm business should be minimum <b>1crore for the last 3 financial years</b>. Audited Balance Sheet should be produced in support of the claim must be uploaded in the Technical Bid Folder.</li></ol>

	<p>3. <b>Food Grade Certificate:</b> The certificate of the bidder that the polythene film to be supplied are made of food grade virgin material &amp; suitable for packing of Dairy/ Food products &amp; the polythene film are manufactured by the bidder.</p> <p>4. <b>Test Report:</b> Test Report from Indian Institute of Packaging/TUV (Technischer Überwachungsverein, English translation: Technical Inspection Association) India/ CIPET (Central Institute of Plastics Engineering &amp; Technology)/ any Govt. approved laboratory for testing of poly roll.</p> <p><b><u>NB: Scanned Copies of all the above documents should be uploaded in the Technical Folder</u></b></p>
<p><b>Statutory &amp; Non Statutory Documents</b></p>	<p>1. Latest IT Return  2. GST Registration Certificate  3. Latest Professional Tax Return  4. Audited Balance Sheet for last 3 financial years.  5. PAN Card  6. Trade License  7. Credentials of executing similar nature of work along with completion certificate.</p> <p><b>N.B: All these documents are mandatory. Failure to upload the documents will result in disqualification during technical bid. No document is to be sent physically.</b></p>
<p><b>Earnest Money Deposit</b></p>	<p>The EMD amounting to <b>Rs. 2% of the amount put to tender i.e. Rs. 1,40,000/-</b> should be deposited online through Net Banking, NEFT/RTGS in favour of the Managing Director, The Bhagirathi Cooperative Milk Producers' Union Limited payable at Berhampore. EMD shall not carry interest.</p> <p>Tenderers will select the Tender to bid and initiate payment of pre-defined EMD for that tender by selecting from either of the following payments modes (vide Finance Department Memorandum no. 3975-F(Y) Dt. 28/07/2016) :</p> <p>1. Net banking (any of the banks listed in the ICICI Bank Payment gateway) in case of payment through ICICI Bank Payment Gateway.</p> <p>2. RTGS/NEFT in case of offline payment through bank accounts in any Bank.</p> <p><b>Payment procedure.</b></p> <p><b>a) Payment by Net Banking (any listed bank) through ICICI Bank Payment Gateway :</b></p> <p>1. On selection of net banking as the payment mode, the bidder will be directed to ICICI Bank Payment Gateway webpage (along with a string containing a Unique ID) where he will select the Bank through which he wants to do the transaction.</p> <p>2. Bidder will make the payment after entering his Unique ID and password of the bank to process the transaction.</p> <p>3. Bidder will receive a confirmation message regarding success/failure of the transaction.</p> <p>5. If the transaction is successful, the amount paid by the bidder will get credited in the respective Pooling account of The Bhagirathi Cooperative Milk Producers' Union Limited maintained with the Focal Point Branch of ICICI Bank at R.N. Mukherjee Road, Kolkata for collection of EMD/Tender Fees.</p>

6. For transaction failure, the bidder will again try for payment by going back to the first step.

**b) Payment through RTGS/NEFT:**

1. On selection of RTGS/NEFT as the payment mode, the e-Procurement portal will show a pre-filled challan having the details to process RTGS/NEFT transaction.

2. The bidder will print the challan and use the pre-filled information to make RTGS/NEFT payment using his Bank account.

3. Once payment is made, the bidder Will come back to the e-Procurement portal after expiry of a reasonable time to enable the NEFT/RTGS process to complete, in order to verify the payment made and continue the bidding process.

4. If verification is successful, the fund will get credited to the respective Pooling account of The Bhagirathi Cooperative Milk Producers' Union Limited maintained with the Focal Point Branch of ICICI Bank at R.N. Mukherjee Road for collection of EMD/Tender Fees.

7. Hereafter, the bidder will go to e-Procurement portal for submission of his bid.

8. But if the payment verification is unsuccessful, the amount will be returned to the bidder's account.

**B. Refund/Settlement Process:**

i. After opening of the bids and technical evaluation of the same by the Quotation inviting authority through electronic processing in the e-Procurement portal of the State Government, the Quotation inviting authority will declare the status of the bids as successful or unsuccessful which will be made available, along with the details of the unsuccessful bidders, to ICICI Bank by the e-Procurement portal through web services.

ii. On receipt of the information from the e-Procurement portal, the Bank will refund, through an automated process, the EMD of the bidders disqualified at the technical evaluation to the respective bidders' bank accounts from which they made the payment transaction. Such refund will take place within T+2 Bank Working Days where T will mean the date on which information on rejection of bid is uploaded to the e-Procurement portal by the Tender inviting authority.

iii. Once the financial bid evaluation is electronically processed in the e Procurement portal, EMD of the technically qualified bidders other than that of the L1 and L2 bidders will be refunded, through an automated process, to the respective bidders' bank accounts from which they made the payment transaction. Such refund will take place within T+2 Bank Working Days where T will mean the date on which information on rejection of financial bid is uploaded to the e-Procurement portal by the Quotation inviting authority. However, the L2 bidder should not be rejected till the LOI process is successful.

iv. If the L1 bidder accepts the LOI and the same is processed electronically in the e-Procurement portal, EMD of the L2 bidder will be refunded through an automated process, to his bank account from

	<p>which he made the payment transaction. Such refund will take place within T+2 Bank Working Days where T will mean the date on which information on Award of Contract (AOC) to the L1 bidder is uploaded to the e-Procurement portal by the tender inviting authority.</p> <p>v. As soon as the L1 bidder is awarded the contract (AOC) and the same is processed electronically in the e-Procurement portal –</p> <p>a) EMD of the L1 bidder for tenders of State Government offices will automatically get transferred from the pooling account to the State Government deposit head “8443-00-103-001-07” through GRIPS along with the bank particulars of the L1 bidder.</p> <p>b) EMD of the L1 bidder for tenders of the State PSUs/Autonomous Bodies/Local Bodies/PRIs, etc will automatically get transferred from the pooling account to their respective linked bank accounts along with the bank particulars of the L1 bidder.</p> <p>In both the above cases, such transfer will take place within T+1 Bank Working Days where T will mean the date on which the Award of Contract (AOC) is issued.</p> <p>vi. The Bank will share the details of the GRN No. generated on successful entry in GRIPS with the E-Procurement portal for updation.</p> <p>vii. Once the EMD of the L1 bidder is transferred in the manner mentioned above, Tender fees, if any, deposited by the bidders will be transferred electronically from the pooling account to the Government revenue receipt head “0070-60-800-013-27” through GRIPS for Government tenders and to the respective linked bank accounts for State PSU/Autonomous Body/Local Body/PRIs, etc tenders.</p> <p>viii. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD (if any) were initiated.</p>
Bid Document	The bid document is available in the E-Tendering Portal of Govt. of West Bengal <a href="https://wbtenders.gov.in">https://wbtenders.gov.in</a> .
Technical Bid Evaluation	The Technical Bid will be evaluated by the Tender Committee. Bidders shall upload all the necessary documents in the Technical Folder which will be verified and evaluated by the Tender Committee.
Financial Bid	<p>Rate shall be quoted in the Financial bid</p> <p>The bidder shall quote the rate online through Computer only in the space marked for quoting rate in the Bill of Quantities (BOQ). <b>Only downloaded copies of the above documents, digitally signed by the bidder are to be uploaded (Excel file).</b></p> <p>The rate quoted by the tenderer shall be inclusive of all elements of taxes and duties, demands, tolls etc. The tenderer shall include income tax, GST etc as applicable, octroi if any and all other charges if applicable while quoting the rate, FOR (freight on road) delivery of the material in the place of delivery.</p>
Validity of Bid	90 days
E Tender registration and bidding	<p><b>ONLINE BIDDS:</b></p> <p>The bidders interested to submit the bid Online shall get registered and get a digital signature as per the procedure described below: Companies\ Agencies\ bidders who are interested in participating e tenders are requested to contact the representatives of NIC for registration, computer setting and clarification on e-tendering Online tenders can be submitted by logging in the e –Tendering portal of Govt. of West Bengal i.e. <a href="https://wbtenders.gov.in">https://wbtenders.gov.in</a> .</p>

	<p><b>ONLINE BID SUBMISSION:</b> The bidders are required to submit the Technical and Financial bid documents ONLINE i.e. uploading of the documents complete in all respect by following the Online Bid submission procedure.</p>
<p>Important Instructions</p>	<p>Names of the technically qualified bidders as per the bid criteria after <b>verification with original</b> &amp; evaluation will be displayed in the e-portal. The financial bid documents of the technically qualified bidders will only be opened.</p> <p>List of Financial comparison chart of bidders will be published after opening of Financial Bid. The Managing Director, Bhagirathi Cooperative Milk Producers' Union Limited reserves the right to reject or cancel any or all pre-qualification documents and bid document without assigning any reasons whatsoever.</p> <p>All duties, taxes, toll and other levies payable by the Bidders under the Contract to the State / Central Government for any other cause, shall be included in the rates, prices and total Bid price submitted by the bidder.</p>
<p>Download of Tender</p>	<p><b>1. Download of Tender</b></p> <p>Tender to be downloaded only from the e-Tendering portal of Govt. of West Bengal i.e. <a href="https://wbtenders.gov.in">https://wbtenders.gov.in</a>. The tender will be submitted in two bid system i.e. Technical bid &amp; Financial bid only through online.</p> <p><b>2. Online Bid submission procedure</b></p> <p>i. <b>Registration of Bidders:</b> Agencies/Bidders who are interested in participating e-tenders will have to get enrolled &amp; registered with the Government e-Procurement system. through logging on to <a href="https://wbtenders.gov.in">https://wbtenders.gov.in</a></p> <p>ii. <b>Digital Signature certificate (DSC):</b> Each bidders is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) having Signing and Encryption certificate for submission of tenders from the approved service provider of the National Information's Centre (NIC) on payment of requisite amount or any service provide as may be allowed by the Finance Department, Govt. of West Bengal.</p> <p>iii. <b>Tender Download:</b> The bidders can search &amp; download NIT &amp; Tender Documents electronically from computer once he logs in to the e-Tendering portal <a href="https://wbtenders.gov.in">https://wbtenders.gov.in</a> using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.</p> <p>iv. <b>Submission of Tenders:</b> General process of submission, Tenders are to be submitted through online to the stipulated website in two folders, (one is Technical Bid &amp; the other is Financial Bid) before the prescribed date &amp; time using the Digital Signature Certificate (DSC). The documents are to be uploaded duly digitally signed. The documents will get encrypted (transformed into non readable formats).</p>
<p><b>Award of Contract</b></p>	<p>The <b>bidder selected</b> after evaluation of financial bid by the tender committee will be given Award of Contract, subject to fulfillment of Terms and Conditions provided in the tender.</p>

<b>Publication of Tender</b>	<ol style="list-style-type: none"> <li>1. E-Procurement Portal Govt. of West Bengal (<a href="https://wbtenders.gov.in">https://wbtenders.gov.in</a>)</li> <li>2. District Website of Murshidabad (<a href="http://www.murshidabad.gov.in">www.murshidabad.gov.in</a>)</li> <li>3. Website of the Milk Union (<a href="http://www.bhagirathimilk.com">www.bhagirathimilk.com</a>)</li> <li>4. Office Notice Board</li> </ol>
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## **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 43 MT per six (Requirement may vary depending on demand).
3. Validity of Offer 90 days from opening the tender.
4. Period of supply: Six months from the date of acceptance of Award of Contract.

## **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 online 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. The EMD of unsuccessful bidders will be returned and subsequently the EMD of the lowest bidder will be converted to Security Deposit. After successful completion of contract the security deposit will be released.
7. 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 per month as mentioned in the tender.
8. 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 Cooperative Milk Producers' Union Limited shall reserve 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 ups if the party fails to execute the order and supply the material the contract will be cancelled and the Security Deposit will be forfeited.
9. One termination of contract, the Security Deposit is liable to be forfeited and any of the resultant loss beyond Security Deposit will be recovered from the contractor by legal means apart from forfeiture of any amount due to the contractor.
10. If there is any complain regarding the quality/ damage / short supply / failure of schedule date delivery etc. the tenderer will be responsible for replacement of the same and the cost of such item would be deducted from your bill amount.
11. The Milk Union reserves the right to terminate this contract if the performance of the supplier is found unsatisfactory.
12. Place of Delivery: The office of **The Bhagirathi Cooperative Milk Producers' Union Ltd. Feeder Dairy, Panchantala, Berhampore, Murshidabad, Pin-742101, West Bengal.**
13. Conditional *and* incomplete tender will not be entertained. Violation of one or more clause will result in rejection of the tender
14. 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.  
  
***N.B: 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.***
15. 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.

16. You will be required to serve us at least 3 months' notice in advance and security deposit will be forfeited, if you want to discontinue supplying us the materials as per the rate contract.
17. For any violation in specification as enclosed the order may be cancelled and resultant loss will be recovered from the supplier.
18. Mode of transportation for the supply of the goods will be arranged from your side.
19. 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.
20. 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 30meters 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 10minutes 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 may be 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)	<b>Raw materials</b> : - Made from 50% LDPE and 50% OCTANE LLDPE specified M/S. IPCL/RIL for milk packaging.	
b)	<b>Thickness of film for OCTANE</b> : - For 250/500ml. of sachets: Minimum 49microns.based LLDPE/LDPE combination. Maximum 55microns i.e. $52 \pm 3$ microns.	
c)	<b>Width of film</b> : - 323 - 325mm.	
d)	Ultimate tensile strength of break (NPA) MD 40/MPa TD 35/MPa.	
e)	Elongation at break	} Shall conform to IS: 11805:1989
f)	Dart impact Resistance	
g)	Tensile strength at break	
h)	Slip Test	
i)	Density	: - 0.918g/cc.
j)	Mean failure height	: - 2 meters 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.

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

## **PRICE BID AND ESCALATION CLAUSE**

Quoted price should be inclusive of all taxes and levies, Packing & Forwarding, Freight, Transit Insurance and F.O.R destination basis, mentioning delivery period. **Price quoted by the bidders should be on the basis of all 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. No other changes in conversion cost shall be entertained.**

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

SL No.	Particulars of the Item	Average Consumption ( MT/six months) may vary depending on demand
<b>1</b>	<b>Polyfilm</b> (BIS Standard Polythene film)	<b>43 Metric Ton (43000 kg)</b>

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

BU/DAIRY/PKGM/2517

Dated: 22.10.2018

Copy forwarded to:

1. Office Notice Board
2. Website [www.bhagirathimilk.com](http://www.bhagirathimilk.com)
3. DIO, NIC for uploading in district website ([www.murshidabad.gov.in](http://www.murshidabad.gov.in))

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