

THE ICHHAMATI
CO-OPERATIVE MILK PRODUCERS' UNION LIMITED
[A Govt. of West Bengal Project]

HATIPUKUR ROAD, BARASAT-700124, NORTH 24-PARGANAS

Regd. No. 3/IMU (N-24 Pgs.) of 1997
email : ichhamati123@gmail.com / mdichhamati@gmail.com
Website: www.ichhamatimu.com

**Supply, Installation and Commissioning of Dairy Plant
Equipment along with necessary pipelines etc at the Milk
Processing Units, Berachampa, Deganga, North 24 Parganas
District, PIN-743424, West Bengal.**

Each set contains:

1. Notice Inviting e-Tender.
2. General Instruction to Bidders.
3. Eligibility Criteria for Participation in the Tender.
4. Evaluation of Tender.
5. Tender Terms & Conditions.
6. Scope of Work / Job Schedule
7. Forms-I, II, III, IV, V & Check List - VI.

DATE OF PUBLICATION OF e-TENDER (ONLINE):	<i>16.01.2026 FROM 03.00 PM</i>
STARTING OF BID SUBMISSION (ONLINE):	<i>16.01.2026 FROM 03.00 PM</i>
PRE BID MEETING (Mandatory) TO BE HELD ON	<i>29.01.2026 from 11.00-12.00 NOON</i>
SITE VISIT TO BE HELD ON	<i>27.01.2026 & 28.01.2026 from 11.00 AM to 3.00 PM</i>
LAST DATE FOR ON LINE SUBMISSION OF TENDER:	<i>16.02.2026 UP TO 6.00 PM</i>
OPENING OF TECHNICAL BID:	<i>20.02.2026 AFTER 11.00 AM</i>
OPENING OF FINANCIAL BID:	TO BE NOTIFIED LATER ON.
TENDER FEES: NIL	NIL
ESTIMATED COST (PUT TO TENDER AMOUNT)	2,42,54,900/- (Including All Taxes & Charges)

 16.01.26

Managing Director
Ichhamati Co-operative Milk Producers' Union Ltd.

THE ICHHAMATI
CO-OPERATIVE MILK PRODUCERS' UNION LIMITED
[A Govt. of West Bengal Project]

HATIPUKUR ROAD, BARASAT-700124, NORTH 24-PARGANAS

Regd. No. 3/IMU (N-24 Pgs.) of 1997
email : ichhamati123@gmail.com / mdichhamati@gmail.com
Website: www.ichhamatimu.com

NOTICE INVITING e-TENDER

Memo NO. IMUL/e TENDER /92/25-26 / 42

Date:16.01.2026

The Managing Director, Ichhamati Co-operative Milk Producers' Union Ltd. invites online bids (in two bid system) from reputed *Manufacturers/Authorized Distributor/ suppliers* / resourceful, bonafide agencies, having adequate experience (including *Start Up organization in related field*) and expertise in *execution of such work with State Milk Federation / District Milk Union /Govt. Dairies, etc. for supply, installation and commissioning of Dairy Plant Machinery or similar nature of work in Govt./Semi Govt./ Public sector Undertakings*, registered under the relevant laws in India and fulfilling requisite eligibility criteria as stated in the e-NIT for “ **Supply, Installation and Commissioning of Dairy Plant Equipment along with necessary pipelines etc at the Milk Processing Units, Berachampa, Deganga, North 24 Parganas District, PIN-743424, West Bengal**”.

Earnest Money **2% (Two percent)** of the amount put to tender only is to be remitted online through Govt. of West Bengal e-Tender portal (<https://wbtenders.gov.in>). The payment transaction slip / receipt in pdf format is to be uploaded along with the statutory documents for tender submission.

- 1) In case bidder wants to be exempted from EMD submission, a valid **Exemption certificate in allied sectors** is to be scanned & uploaded along with the statutory documents in the e-tender portal for participation in the tender.
- 2) After publication of e-tender Notice in the Medias, detailed terms & conditions, BOQ (Bill of Quantities) may be obtained from the website <https://wbtenders.gov.in> at free of cost. Submission of tender by the bidder can be made with the help of Class- 3DSC (Digital Signature Certificate) in this website <https://wbtenders.gov.in>.
- 3) Tenders should normally be floated in two parts one Technical Bid (BID-A) and other Financial Bid (BID-B).
- 4) Tender must be supported by:

A. TECHNICAL BID : 'BID-A'

- (a) **STATUTORY COVER** containing the following documents:
PART 1 (SINGLE FILE MULTIPLE PAGES SCANNED):

1	Transaction Slip / Receipt challan for EMD amount of 2% (Two percent) of the amount put to tender only in favor of ICICI Payment Gateway OR Valid Exemption Certificate issued by the Competent Authority claiming EMD exemption.
2	Scanned Application in the prescribed format (Form - I)
3.	Declaration by the Tenderer (Form - II)
4.	Certificate from Chartered Firm in the official pad (Form - III) (Financial Statement)
5.	Affidavit Proforma (Form - IV)
6.	Working (Credential) / Bid Capacity (Form-V)
7.	Annexure 1 to 6 related to scoring for Technical Evaluation.(as per Annexures)
8.	P.F. & E.S.I. Registration / Declaration
9.	Upload All Documents / Certificates

(b) NON-STATUTORY COVER/MY SPACE containing the following documents:

Sl. No.	Category	Sub Category Description
1	CERTIFICATES – ✓ All valid up to date. ✓ All certificates are to be furnished in English Vernacular ✓ Affidavit are not valid ✓ Scanned original copy	✓ PAN Card of the authorized signatory ✓ Valid Prof. Tax clearance certificate with challan. ✓ GST Registration certificate. ✓ IT returns of 2023– 2024 Financial year. ✓ Valid Trade License. ✓ Valid documentary proof of: ✓ The agency / company should have minimum annual turnover of Rs. 4.0 Crore. <i>Start Up may apply will have to qualify technical score as per selection procedure.</i> ✓ Certificate of updated Income tax Return ✓ Audited balance sheet for the last 5 years (Not for Start up). ✓ Work experience including work of Government of West Bengal in last Five years.(as per Form-V). ✓ P.F. & E.S.I. Registration / Declaration ✓ Available bid capacity to be calculated on the basis of prescribed format (FORMAT-V) of the Prospective Tenderer shall not be less than the estimated amount put to tender.
2	COMPANY DETAILS (valid up to Date), scanned original copy	i) Registration Certificate under Company Act. (if any). ii) Registered Deed of partnership Firm, Trade License / Article of Association & Memorandum. iii) In Case Proprietorship & Partnership Firms, the Tax Audited Report in 3CD Form along with Balance Sheet & Profit and Loss A/c. for the last 3 (three) years (year just preceding the current Financial Year will be considered as year-1). The balance sheet, Profit & Loss account should be in favor of applicant's name only. iv) Power of Attorney (For Partnership Firm/ Private Limited Company, if any). v) List of Technical staffs along with structure & organization.
3	Credential	(i) A) The prospective bidders shall have satisfactorily completed AS A PRIME AGENCY (NOT as a member of joint venture or sub contractor) during the last 3(Three) years prior to the date of issue of this NIT at least one work of similar nature under the authority of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies constituted under the statute of the Central / State Government and having a magnitude more than 20(Twenty) percent of the Estimated amount put to tender of intended job related to Decorative/Interior Designing. Or, B) The prospective bidders shall have satisfactorily completed/initiated AS A PRIME AGENCY (NOT as a member of joint venture or sub contractor) during the last 5(five) years prior to the date of issue of this NIT at least three works of Decorative/designing under the authority of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies constituted under the statute of the Central / State Government and having a magnitude sum value of 20(Twenty) percent of the Estimated amount put to tender of intended job related to Decorative/Interior Designing. or, C) The prospective bidders should produce credential AS A PRIME AGENCY (NOT as a member of joint venture or sub contractor) at least one single running work of similar nature which has been completed to the extent of 40% or more and value of which is not less than the value of 20% of the estimated amount put to tender

		<p>of intended job under the authority of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies constituted under the statute of the Central / State Government. In the credential certificate it should be clearly stated that the work is in progress satisfactorily & also that no penal action has been initiated against the executed agency, i.e the tenderer [Non Statutory Documents]</p> <p><i>N.B.: Credential Certificate should contain:- Estimated amount, Date(s) of commencement and completion of project, Amount put to tender, Gross Value of Work done(Before applicable of contractual percentage ,if any) & detail communicational address of Client(i.e. Tel. no, e-mail address etc.) must be indicated in the Credential Certificate. Salient feature & nature of the work executed is to be mentioned. <u>Work Order / Supply Order /Award of Contract will be treated as Credential subject to Verification from Issuing Authority (It will be rejected if any poor credential received from issuing authority) .Payment Certificate will not be treated as Credential. Credential Certificate issued by the Executive Engineer or equivalent or competent authority of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies constituted under the statute of the Central / State Government will be taken as Credential.</u></i></p>
4	The Bidder shall not be under a Declaration of Ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government Agency.	Declaration in this regard by the authorized signatory of the bidder.

The vendor must fulfill the above eligibility criteria/ pre-qualification conditions. Technical bid of vendors fulfilling the pre-qualification conditions will only be evaluated by the duly constituted evaluation committee. Bid of vendors not fulfilling the pre-qualification conditions given above will be summarily rejected. Undertaking for subsequent submission of any of the above documents will not be entertained under any circumstances. The authority reserves the right to verify/confirm all original documentary evidence submitted by vendors in support of above mentioned clauses of eligibility criteria.

B. FINANCIAL BID : 'BID-B' (BOQ)

- i) The Contractor is to quote the rate **on Percentage BOQ format** of the components as specified in the BOQ. **The percent rate (less or excess from scheduled rate)** will be quoted in the BOQ in one cover (folder) encrypted in the B.O.Q. under Financial Bid. Single Agency will be selected based on Weightage basis (70:30) on QCCBS method of selection.
- ii) **Rate quoted shall be including GST, Cess and other taxes / all other charges.**
- iii) **Scope of work As per Annexure -A and BOQ**
- iv) Only downloaded copy of the B.O.Q. is / are to be uploaded quoting the rate, virus scanned and digitally signed by the contractor.

N.B.: ALL STATUTORY &NON STATUTORY DOCUMENTS(S) ARE REQUIRED TO BE UPLOADED IN ORIGINAL. Neither Photocopy nor cyclostyled literature/Brochure will be accepted.

The MD, Ichhamati Co-operative Milk Producers' Union Ltd. reserves the right to cancel the N.I.T. due to unavoidable or, any circumstances and no claim in this respect will be entertained. MANAGING DIRECTOR (T.I.A), RESERVES THE RIGHT TO CHANGE THE ABOVE SCHEDULE IN CASE OF ANY EXIGENCIES. No objection in this respect will be entertained raised by any Bidder. **Bidders or their authorized representatives need not to be present in the office of the undersigned at the time of opening of the Technical or Financial Bid (BID-B).** Decision of Tender committee at every stages of evaluation shall be intimated and uploaded on the website (<https://wbtenders.gov.in>) portal.



16.01.26

Managing Director

Ichhamati Co-operative Milk Producers' Union Ltd.

A. GENERAL INSTRUCTION TO BIDDERS

- 1) Total work is to be completed positively **within 150** (One Hundred Fifty) Days or the time specified in the order from the date of issue of order.
- 2) The intending bidders are requested to submit their tender along with prescribed application form in e-tender portal <https://wbtenders.gov.in> . The software shall make automatic encryption of the Technical as well as Financial Bid and no one shall be allowed to open two Bids prior to the date and time earmarked for opening by the Tendering Authority.
- 3) After evaluation of Technical Bid, those who will qualify, their Financial Bid shall only be opened. The technical proposal (BID-A) will be opened on line **as per evaluation procedure (QCCBS)**.
- 4) Evaluation summary report of technical evaluation will be uploaded online to the portal from the office of the undersigned immediately after committee arrives at a decision regarding the same.
- 5) **Intending Bidder(s) must have to attend Pre-Bid meeting held on mentioned at time schedule at the office of the undersigned.**
- 6) **Site Visit : from 27.01.2026 & 28.01.2026 from 11.00 AM to 3.00 PM ; for Site Visit Please contact :9735301023.**
- 7) **Intending bidder(s) must have to upload (FORM-II in duly signed by the concerned Officer/Representative of TIA) during participation.**
- 8) **Tender inviting Authority reserved the discretion to enquire into the performance of the bidders for any tender in the ARD Deptt. during the past three years and evaluated accordingly.(Credential point of view) .**
- 9) **If any bidder fails to attend the pre-bid meeting as well as Site Visit , his/her technical bid will be cancelled without assigning any reason behind it .**
- 10) ***The intending Bidder must have a valid licensed electrical Contractor having Electrical supervisor License for HT & LT works ,SCC relevant parts, readily present at work site during the execution of electrical works after accepting the Award of Contract (AOC).***
- 11) ***Intending bidder must have to submit Drawing, Design/Layout of the scope of work which needs to be approved by the tender Inviting Authority during online submission of bid . If any bidders fails to submit the same his/her bid will be rejected by the TIA without showing any reason behind it. After Issuing LOA/AOC selected agency must have to submit Final Drawing within 14 days from the issue of the LOA/AOC. It includes Proper cable (Main /Auxiliary) laying Diagram & Single line Diagram for distribution / Load segment for Electrical as well as Machineries' pipelines based on site visit and scope of work as approved.***
- 12) The Financial bid may be opened within a very short notice (on the same day afternoon or next day forenoon), once technical evaluation is completed.
- 13) Bidders having any query / objection / claim regarding the evaluation or any decision taken by the tender selection committee may communicate in writing to the *Ichhamati Co-operative Milk Producers' Union Ltd.* Official mail ID mdichhamati@gmail.com within 48 hrs of taking such decision. Communications received after the due time, will not be entertained for consideration in any way.
- 14) For further information, the bidders are requested to please contact the undersigned.
- 15) **No Tender will be accepted across the table and no such receipt will be issued thereon.**
- 16) In the event of any discrepancy between downloaded tender document and master copy of the same available in the office then the latter will be accepted & binding on the bidder. No claim will be entertained.

- 17) N.I.T. to be downloaded properly and to be uploaded duly digitally signed as a token of acceptance by the bidder with all the general & special (if any) terms & conditions laid down in the tender document.
- 18) **In case quoting the rate anywhere other than BOQ, the tender is liable to be summarily rejected.**
- 19) The Bidder is required to carefully study all the tender documents and prepare his tender to comply with all the provisions thereof. Submission of a Tender shall be taken as evidence and confirmation that the Bidder has acknowledged all the provisions of the Tender Documents and has fully acquainted himself with site conditions and all factors which may influence the preparation of his Tender. Negligence of the Bidder to observe instructions in the matter of preparation of his Tender shall be attributable to him and shall not be a ground for securing relief from any error as may be found or discrepancies as may be contained in his Tender and would not give him any liberty to withdraw his Tender after the same being opened.
- 20) All the tender documents including N.I.T., terms & conditions for submission of tender & B.O.Q. will be the part & parcel of the bid documents.
- 21) The undersigned reserves the right to cancel the tender at any stage without assigning any reason thereof.
- 22) The offer shall remain valid for ***150 Days from*** the date of opening of the financial bid. **Selected Bidder must have to complete the Job in due time, no extension will be entertained except on emergency. Agency will be penalized in case of unjustified delayed in schedule time frame of work.**
- 23) Test certificate of cable and other equipment shall have to be submitted at site with the supply.

ELIGIBILITY CRITERIA FOR PARTICIPATION IN THE TENDER

- 1) The contractors who have been delisted or debarred by any government department shall not be eligible in any way.
- 2) Contractors must have work credentials of *supply, installation and commissioning of Dairy Plant Machinery* **or similar nature of work** with related works with at least 3 years experience in the field.
- 3) **Intending bidder(s) must have their own arrangement in time for all equipment's' related to move / Lift the machineries including different types of heavy equipment commonly used in the construction (Installation Works).**
- 4) Having experience to build up/ Remodelling *Dairy Plant* related to specific work mentioned in NIT **preferably at similar work anywhere in India (Compulsory).**
- 5) Credentials for allied works (as per Scope of Work and Site Visit) as Prime agency will only be taken into account. That means tie up with one or more company for execution of similar nature of work cannot be claimed as a sole credential of the claimant company.
- 6) **Intending bidder(s) must have to submit Planning and Lay out (BarChart) as per scope of work during submission of tender (online) in due time otherwise entire bid may be rejected .Site visit will be mandatory and if done queries will be cleared during Pre-Bid meeting on 29.01.2026 from 11.00 AM to 12.0 Noon at the office of the Managing Director,IMUL, Barasat, North 24 Parganas, W.B.**
- 7) **Approve rate (percentage BOQ on put to tender amount) based on Final Selection as per criteria including GST ,labour Cess and all taxes and Charges . If any changes in GST and other Govt. Taxes as well as charges as per latest Govt. Circular occur during implementation period (Job progressive period) , it will be taken juristically as per Govt rules as decided by the Tender Inviting Authority .**

- 8) Valid up to date clearance of Income Tax return, Professional Tax Clearance Certificate, P.T. (Deposit Challan), PAN Card, GST Registration Certificate, PF & ESI certificate / declaration, Valid Trade License with the Technical Bid Documents, Income Tax Acknowledgement Receipt for latest assessment year to be submitted. [Non statutory Documents].
- 9) Registered Partnership Deed (for Partnership Firm only) along with Power of Attorney to be submitted along with application, if applicable. (Non-Statutory documents)

10) Implementing agency must have to follow the Guidelines of “Karmashree Scheme” during engagement of unskilled workers for the said Job as per G.O No. 1138(Sec)-PRD-33011/1/2024-MGNREGA SEC dated 07.03.2024 of Spl. Secretary , P &RD , Govt. of W.B. and latest Circular .

- 11) Registered Unemployed Engineers’ Co-operative Societies are required to furnish valid Bye Law, Current Audit Report, Current N.O.C. from A.R.C.S., Minutes of last A.G.M. and also submit documents of the society consists at least 10 (ten) members out of which at least 60% should hold degree or diploma in any branch in Engineering.
- 12) Prevailing safety norms has to be followed so that LTI (Loss of time due to injury) is zero.

13) Refund / Settlement process:

On up-loading of the work / supply order in favour of the successful bidder to the e-procurement portal, the bank will refund, through an automated process, the EMD amount of the unsuccessful / disqualified bidders to the respective bidders’ bank accounts from which they made the payment transaction.

- 14) The intending Bidders shall clearly understands that whatever may be the outcome of the present invitation of Bids, cost of Bidding shall not be reimbursed by the Ichhamati Co-operative Milk Producers’ Union Ltd.
- 15) **Conditional / Incomplete tender will not be accepted under any circumstances.**
- 16) The intending tenderers are required to quote the rate *online* in the space marked for quoting rate in the B.O.Q.
- 17) Contractor shall have to comply with the provisions of (a) the contract labour(Regulation Abolition) Act, 1970 (b) Apprentice Act,1961 and (C) minimum wages Act,1948 of the notification thereof or any other laws relating thereto and the rules made and order issued there under from time to time.
- 18) During scrutiny, if it comes to the notice of the tender inviting authority that the credential or any other paper found incorrect/manufactured / fabricated without any prejudice.
- 19) Before issuance of the PURCHASE / SUPPLY ORDER, the tender inviting authority may verify the credential and other documents of the lowest tender, if found necessary. After verification, if it is found that the documents submitted by the lowest tenderer is either manufactured or false, in that case, the work order will not be issued in favour of the said tenderer under any circumstances and the earnest money will be forfeited.
- 20) Rates should be quoted in figure inclusive of all Taxes and Charges (up to SITC , packing, forwarding, insurance, loading & unloading charges, commissioning , training, demonstration, etc. at BOQ(Bill of Quantities) in financial Bid (BID-B). THE OFFERED RATE SHOULD BE VALID FOR NOT LESS THAN 150 DAYS. Rates of GST, OTHERS TAXES, IF ANY, MUST BE INCLUDED IN THE TOTAL PRICE PER UNIT. GST, OTHER TAXES, IF ANY MUST BE SHOWN SPARATELY IN THE BILL /TAX INVOICE.



16.01.26

Managing Director

Ichhamati Co-operative Milk Producers’ Union Ltd.

EVALUATION OF TENDERS

During the tender Evaluation Process, the **Technical proposal (BID-A)** will be opened first. Those bidders who will qualify the **Technical proposal** as described in BID-A **containing Statutory/Non statutory documents including credentials** will be identified and after qualifying Technical Score as mention below then only their **Financial Cover (BID-B)** shall be opened. The **Financial cover (BID-B)** will not be opened and will be summarily rejected **if that Bidder fails to meet the technical requirements participating in the tender as well as Documentation (online submission) /Presentation which will be downloaded/intimated via Official e-Mail ID mentioned in floated tender in 24 hrs. in advance** . Technical Evaluation of the Tender will be held on two parts, i.e. opening & evaluation of Presentation/**scoring method on submitted documents and presentation** onlyof tender. The Tender Inviting Authority reserves the right to relax the minimum qualification criteria for the job if necessary. The Tender Inviting & Accepting Authority through an 'Evaluation Committee' will determine the eligibility of each bidder, considering the following criteria: -

- a) Technical capability comprising of technical personnel & capability and documentation .
- b) **Experience in similar nature of work(Interior Decoration related to Construction) through credentials in Established Organization (Govt/ Semi Govt / Undertaking Organization/ reputed private Unit).**
- c) Financial Capacity as per QCCBS on 70:30 weightage basis.

While evaluation the committee **may summon** the Bidders & seek clarification / information/ shortfall or additional documents in original hard copy of any of the documents already submitted/ not& if these are not produced within the stipulated time frame, their proposals will be liable for rejection.

The credentials will broadly cover the following areas –

- Competence in all the credential activities and sectors noted in the campaign outline at invitation for bid section of this document, in case a bidder does not meet the criteria for eligibility, his Technical Bids will not be opened.
- For all bidders eligible according to the prescribed criteria, **the completed /ongoing Credentials** will be evaluated by a technical Committee among the online **submitted documents and presentation during evaluation process (as per Scope of works as instructed during Site Visit)** that may include external expert/s. The criteria for evaluation of the Technical / scope proposal are at below.

Details scoring System (70:30) for Quality cum Cost Based Selection (QCCBS)				
Sl. No.	Bid Component (Technical Offer Evaluation)	Part Marks	Total Marks	Marks Scored
1.	Presentation/Demonstration of Supply . Installation of machineries including input layout of projected <i>forthcoming works based on site visit and one similar work</i> in Govt Sector/Private sectors on specific date to be circulate later after opening of Technical Bids for evaluation)		20	
2	Technical Man Power enlisted in Firm , their Appointment Letter / Agreement (Enclosed separate sheet)		20	
(a)	Qualification(s) of Proprietor / Partner /Director (Preferable in Manufacturer/Engineers -certificate to be uploaded -5)	5		
(b)	No(s). of Graduate / Diploma Electrical Engineer(s)	5		
(c)	No(s). of Graduate/ Diploma Civil Engineer(s)	5		
(d)	No(s). of Graduate/ Diploma Mechanical Engineer(s)	5		
3	Credential		30	

(a)	Certification :OEM ,MSME Certificates , Authorization Certificates (for input supply) , Office/ Authorized Centre within West Bengal , ISO and similar certification . (each carry 4 Marks)	20		
(b)	Credentials in last Fiveyears (Single order over 10.0 Lakh) at Govt/Semi Govt /Undertaking Organization/reputed private Sectorin similar work related to Machineris (each carry 2.5 marks & max Four will be taken considers .In case of Non-Related Job1 mark to be provided x 5 orders = Max 5 marks.	10		
4	Firm/ Agency / Proprietorship Profile			
(a)	i) Organization Set up (Project Head/Engineer/QC Lab /Manager / Accountant / Supervisor / Field Officer / Data Entry Operator / Peon Like wise) to be uploaded in official letter head : 10 marks ii) Nature of Business running lastYears / Job responsibilities in due time : Self declaration required : 05 Marks(pro-rata basis) iii) Overall submission of tender documents : Very Good/ Good / Average / Poor : 5/4/3/2	20	20	
5	Credential (Enclosed Separate Sheet indicating last 5Years Credential & Highlighting the Highest one in Manpower supply (in processing plant/ similar]			
(a)	Average annual turnover in last 3 (Three) years [>4.0 Cr-5, 2.0-4.0 Cr- 4, 1.0-2.0 Cr- 3 & <1.0 Cr – 2]	5	10	
(b)	Highest Single Job (in processing Plant) Credential within last 3 (Three) years [>1Cr-5, 0.5- 0.8 Cr- 4, below 0.5 Cr- 3]	5		

N.B.* Credential certificates / Agreement / Appointment to be verified, if necessary.

**** Bidding Agency must have to submit the requisite format for scoring. Missing of any annexure/ format that means “Zero Score” in that particular score sheet.**

Intending bidder(s) must have to attend Site Visit & Pre-Bid meeting held on as mentioned in time schedule at the office of the undersigned , if any bidder fails to attend either one or both but participate in the said tender his/her bid will be rejected as decided by the tender Inviting Authority (TIA) without showing any reason.

The Evaluation Committee shall evaluate and rank each Technical Proposal on the basis of the Proposal's responsiveness to the scope using the evaluation criteria and score system specified above. Each Technical Proposal shall receive a technical score. The Proposal shall be rejected if it does not achieve the minimum technical mark of 50 (Fifty) out of maximum of 100 (Hundred) marks.

Final selection based on based on Highest Scorer on QCCBS procedure on weightage of 70:30 (Technical: Financial) , highest scoring on Technical part as well as lowest offer rate on Financial bid . Financial bid will be opened only technically qualified bidders.

Formula : $H-1 (Final\ Score\ of\ Bidder\ 1) = T1 (Technical\ score\ of\ bidder\ 1\ out\ of\ 100) / T (highest\ scorer\ among\ bidders\ out\ of\ 100) \times 70 + L (lowest\ offerer\ in\ financial\ bid) / L1 (Offer\ rate\ of\ Bidder\ 1) \times 30$.

Final selection : $H-1 > H-2 > H-3$

Scoring will be evaluated only after qualifying the criteria for submission of Statutory & Non-Statutory documents as stated in NIT by the intending Bidder(s).

Bidders would be at liberty to point out any ambiguities, contradictions, omissions etc. seeking clarifications thereof or interpretation of any of the Clause(s), conditions etc. of the tender documents before the Tender Inviting Authority in writing within a period of 1 (One) day from the date of publication of tender technical documents and beyond such period no Representation in that behalf will be entertained by the Tender Inviting Authority. Written clarification or amendments etc, as may be issued by the tender inviting authority in pursuance to the representation made by the Bidders shall be final and binding on the Bidders and shall form part of the tender documents. Tender Inviting Authority, however, reserves its right to have pre bid conference with the Bidders.



16.01.26

Managing Director

Ichhamati Co-operative Milk Producers' Union Ltd.

THE ICHHAMATI CO-OPERATIVE MILK PRODUCERS' UNION LIMITED

[A Govt. of West Bengal Project]

HATIPUKUR ROAD, BARASAT-700124, NORTH 24-PARGANAS

Regd. No. 3/IMU (N-24 Pgs.) of 1997

email : ichhamati123@gmail.com/mdichhamati@gmail.com

Website:www.ichhamatimu.com

NIT NO.: IMUL/e TENDER /92/25-26 / 42

Date: 16.01.2026

TENDER TERMS & CONDITIONS

01. OPENING OF THE TECHNICAL PROPOSAL:

- (a) Technical proposal will be opened by the authorized officer of the undersigned, electronically from the website using their Digital Signature Certificate (DSC).
- (b) Cover (folder) for Statutory Documents and non statutory documents will be opened. If there is any deficiency in the **Statutory Documents** the tender will summarily be rejected.
- (c) Decrypted (transformed into readable formats) documents of the Statutory & Non statutory Cover will be downloaded and handed over to the Tender Evaluation Committee.
- (d) Pursuant to scrutiny & decision of the Tender Evaluation Committee the summary list of eligible bidders will be uploaded in the web portals.
- (e) The Financial Cover (BID-B) of those bidders passing the technical requirements will only be opened. THE DECISION OF UNDERSIGNED/TENDER COMMITTEE WILL BE FINAL & BINDING UPON THE BIDDER IN THIS RESPECT.

02. PENALTY FOR SUPPRESSION / DISTORTION OF FACTS:-

If any bidder fails to produce the original hard copies of the documents (specially Completion Certificates or Work Orders as proof of credential) or any other documents on demand of the Tender Opening Authority within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies or if there is any suppression of facts, the bidder will be suspended from participating in the tenders on e-Tender platform for 3 (three) years.

The Contractors are bound by the terms and conditions of W.B.F No. 2911/2911(i)/2911(ii) with relevant changes'.

03. AWARD OF CONTRACT:-

The Tender Inviting Authority reserves the right to accept or reject any tender and to cancel the tendering process and reject all tenders at any time and prior to the issue of Award of Contract without incurring any liability to the affected Tenderer or Tenderers thereby or shall have any obligation to inform the affected Bidder or Bidders of the ground for Employer's action. The Bidder who's Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter cum Award of Contract. **Work (Based on projection as well as site visit) should be executed within the Tendered Amount as directed by the Tender Inviting Authority. Award of Contract will be issued as per Annexure-A based on quoted approved rate on pro-rata basis to Selected Agency after completion of all formalities.**

04. PERFORMANCE GUARANTY:

- (i) Upon selection of the bidder in the Financial evaluation and after issuance of 'Letter of Acceptance' the successful bidder have to produce a Performance guaranty in shape of Bank Guarantee (as per specimen format) **for 01 (One) Year** of an amount of **5 % of the Tendered Value(other than additional performance security)**, payable to the Ichhamati Co- operative Milk Producers Union Ltd, Barasat .***This clause specifically allows the tendering authority to seek safeguards to ensure timely and uninterrupted completion of job (Work related) related to Public Services.***
- (ii) It may be noted by the intending bidders that, deposit of Performance guaranty is a pre-requisite for executing the agreement and issuance of 'Award of Contract' thereafter.

05. AGREEMENT

The Sanstha will execute an agreement with the successful bidder *as per the prescribed format or as will deem fit as per the condition in a Non-judicial Stamp Paper worth Rs.100/-* (Rupees One Hundred) only to be provided by the successful bidder. The notification of award will constitute the formation of the Contract or the agreement between the Tender Accepting Authority and the successful Bidder. All the tender documents including NIT & B.O.Q. will be the part & parcel of the Contract Documents. Prescribed Agreement must be signed by the both parties, the Authorized Signatories of the IMU (TIA) & Tendering firm concerned. The Original agreement will be retained by the IMU (TIA) in the concerned case file and the photocopy of the same will be provided to the concerned firm.

06. SECURITY MONEY DEPOSIT

The provisions regarding deduction of **Security Deposit** i.e. @10% from the progressive bills of the contractor as per relevant clauses of the contract shall in no way be altered/ affected by provision of the Additional Performance Security (ref: FD Meno No 4608-F(Y), dated-18-07-2018). **The Security Money will not carry any interest. EMD amount will be refunded after deduction of Security Deposit from the progressive bills which will be the same value of EMD amount.**

In the event of non-completion or defective work by the contractor the IMU (TIA) will have the right to get the work done through any agency at the risk and cost of the contractor and also the IMU (TIA) will have the right to forfeit the security money in full or part at its discretion which will be binding upon the contractor.

The security money will be released after one month on expiry of Defect Liability Period and satisfactory remedy or rectification or amendment or modification or all, and settlement of accounts.

As per memorandum no. 4608-F (Y) dated 18.07.2018 of Finance Department (Audit Branch) Additional Performance Security @ 10 % of the tendered amount, other than Normal Performance Security @5% as per above Point No.6 "Performance Guaranty" shall be obtained from the successful bidder if the accepted **bid value is 80% or less of the estimate put to tender**. The Additional Performance Security shall be submitted in the form of Bank Guarantee from any schedule bank before issuance of the Work Order.

If the bidder fails to submit the **additional performance security within 14 working days** from the date of issuance of LOA, his earnest money will be forfeited and other necessary actions as per NIT like black listing of the agency, etc. may be taken. The Bank Guarantee shall have to be valid up to the end of the contract period and shall be renewed accordingly if required.

The Bank Guarantee shall be released immediately on successful completion of work. If the bidder fails to complete the work successfully the Additional Performance Security shall be forfeited at any time during pendency of the contract period after serving notice to the contractor.

Necessary provisions regarding deduction of security deposit from progressive bills of the agency as per relevant clauses of the contract shall in no way be altered/ affected by provision of this Additional Performance Security.

07. PENAL MEASURE

i) The Earnest money Deposit furnished by bidder will be forfeited in full (including excess amount of earnest money, if deposited), if the bidder fails/withdraws tender as a whole or for any particular item at any stage during the tenure of execution/refuse to execute to enter into written agreement once the rate for any/all items is/are accepted within the time specified when requested to do so by the authority and/or refuses to deposit security money, Otherwise, the Agency will be Black Listed minimum for 3 Years for participation in W.B. Govt. Tender.

ii) The Liquidated Damages be imposed for the delayed supply /erection and commissioning at 0.5% per day.

iii) 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 in full or part of the order as per the delivery schedule, the Ichhamati Milk Union Ltd. (IMUL) shall reserve the right to cancel the order besides forfeiture of Earnest Money &/ Security Money Deposit.

iv) For violation of any of the terms and conditions of the contract, the Milk Union reserves the right to terminate the contract without assigning any reason thereof. (Black Listing)

v) On termination of contract, the Earnest Money &/ 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.

vi)(a). If the bidder defaulted in any of the previous tenders to execute agreement or to pay Security Deposit or to supply ordered quantity either in part or full will not be eligible from participating in this tender.

(b). If the successful bidder defaulted to execute agreement or to pay Security Deposit or to supply ordered quantity either in part or full shall be debarred from participating in this subsequent tender for a period of 3 years.

vii) In consequence of submission of false or fabricated documents or any deviation in technical specification by any firm/company, if proved later on shall liable to be Black Listed for 3 (three) years.

vii) **Quoting absurdly high or low rate in opinion of tender selection committee, with the intention to vitiate the tender process will be dealt with in the context of existing tender rules/ norms under Govt. of W.B.**

08. PAYMENT

(A) Any request for Advance Payment will not be entertained. However, in exceptional cases, advance amount up to 10% advance may be allowed against 110% Bank Guaranty

Bills to be produced in DUPLICATE.

General Terms of payment shall be as below

(B) 70 % (Seventy percent) of the total work order value along with taxes in full shall be paid after receipt of the entire ordered quantity of materials in full after due inspection at site within the delivery period and certification that supplied items are as per ordered specification and quantity. Payment of part supplies of the ordered quantity of materials, thus, will not be allowed save and except in exceptional circumstances in which there are just and valid reasons for not being able to make the full supply and will be allowed only at the sole discretion of Managing Director, Ichhamati Milk Union. Further such provision by Managing Director will only be granted at his discretion when part supply is within the delivery period and there is clear evidence and commitment on the part of the supplier that the rest of the ordered quantity of material would be supplied within the delivery period itself. But if the delivery period of supply expires the payment will only be released after completion of the entire supply.

(C) 20% (Twenty percent) work order value shall be paid after successful completion of installation and commissioning works related the entire work.

(D) The rest 10% (Ten percent) will be released after successful trial runs with products .

Security deposit @ 10 % will be deducted from each Bills which will be released after completion of defect Liability Period excluding / deducting the Liquid damaged (if any) .

However ,The payment shall be made as per projected Performance Chart both Physical and Financial submitted by the Agency within 14 days of Issuing of Award of Contract based on Job completion period on approved Design/Lay-Out. Payment will be made prima facia percentage (%) of completion of work being done by the agency. However as the project being a “ Unit Job “ henceforth unless & until the referred project being fully completed and performed accordingly to the full satisfaction of the management ,the above referred statement will not be considered as conclusive and/or suggestive statement for any purpose.

09. GENERAL:

Unless otherwise stipulated all the works are to be done as per general conditions and general Specifications of the “Departmental Schedule” .***For general conditions and general specifications of items of works related to supply and carriage works, not appearing in the aforesaid Schedule of Rates in force including up-to-date addenda and corrigenda, if any, issued by the competent authority as applicable for the working at the time of submission of tender for the working area will be considered. Price Break-up of Tendered amount must have to submit the selected bidder prior to execution of Job as the job mainly Turnkey basis.***

10. TERMS & CONDITIONS IN ORDER TO PRECEDENCE:

If the stipulations of the various components of the contract documents be at variance in any respect, one will override the other (only in so far as those are at variance) in the order of precedence as given below:

- (a) Special terms and conditions
- (b) Special specifications (Scope of work)
- (c) General instructions.
- (d) Notice Inviting e-Tender
- (e) Schedule of probable items with approximate quantities
- (f) Tender Form.

All works covered in the clause appearing hereinafter shall be deemed to form a part of the appropriate item or items of works appearing in the schedule whether specifically mentioned in any clause or not and the rates quoted shall include all such works unless it is otherwise mentioned that extra payment will be made for particular works.

11. OFFICER-IN-CHARGE AND COMMENCEMENT OF WORK:

The word "Officer-In-Charge" means the Managing Director, IMU. The word "Department" appearing anywhere in the tender documents mean Ichhamati Co-operative Milk Producers' Union Ltd.(IMU). The word "approved" appearing anywhere in the documents means approved by the Officer-In-Charge. The work shall have to be taken up within seven days of the receipt of the work order. Failure to do so will constitute a violation of the contract stipulation as regards proportionate progress and timely completion of work and the contractor will thereby make himself liable to pay compensation or other penal action as per stipulation of the printed tender form.

12. CONDITION IN EXTENDED PERIOD:

When an extension of time for completion of work is authorized by the Officer-in-charge , it will be taken for granted that the validity of the contract is extended automatically up to the extended period with all terms and conditions rates , etc. remaining unaltered ,i.e the tender is revalidated up to the extended period .

The head of the Ichhamati Co-operative Milk Producers' Union Ltd.(TIA)may allow maximum period of 30 days after the stipulated date of completion of justified unavoidable/exigency ground . After that a penalty of 0.50 % of tender amount which will be deducted from his R/A bill / Final bill as the case may be for each week of delay up to a maximum of 2.0 % on tender amount (AwardValue) . Penalty will be adjusted from Security Deposit / Performance Bank guarantee.

13. CO-OPERATION AND DAMAGES AND COMPLETION OF WORK:

All works are to be carried out in close co-operation with the Department and other contract or contracts that may be working in the area of work. The work should also be carried out with due regard to the convenience of the road/building users and occupants, if any. All arrangements and programme of work must be adjusted accordingly. All precautions must be taken to guard against chances of injury or accidents to workers, road users, occupants etc. The contractor must see that all damages to any property which, in the opinion of the Plant-In-Charge are due to the negligence of the contractor are promptly rectified by the contractor at his own cost and expenses and according to the direction and satisfaction of the Officer/Plant-In-Charge.

14. CONTRACTOR'S SITE OFFICE:

The contractor shall have an office adjacent to the work as may be approved by the Engineer-In-Charge where all directions and notice of any kind whatsoever which the Engineer-In-Charge or his representative may desire to give to the contractor in connection with the contract may be left and same when left at or sent by post to such office or delivered to the Contractor's authorized agent or representative shall be deemed to the sufficiently served upon the contractor.

15. INCIDENTAL AND OTHER CHARGES:

The cost of all materials, hire charges to Tools and plants, Labour, Corporation/Municipal Fees for water supply, Royalty or road materials (if any), Electricity and other charges of Municipalities or statutory Bodies, Ferry charges, Toll Charges, Loading and unloading charges, Handling chargers overhead charges etc. will be deemed to have been covered by the rates quoted by the contractor except G.S.T. (Central and/or State), Income Tax,

Terminal Tax, Turnover Tax etc. All other charges for the execution of the complete or finished work or in case of supply of materials and for carriage to the entire satisfaction of the Engineer-In-charge of the work. No claim whatsoever in this respect will be entertained.

16. AUTHORISED REPRESENTATIVE OF CONTRACTOR:

The contractor shall not assign the agreement or sublet any portion of the work. The contractor, may however, appoint and authorize representative in respect of one or more of the following purpose only-

- a) General day to day management of work.
- b) To attend measurements when taken by the Departmental Officers and sign the records of such measurements which will be taken of acceptance by the Contractor. The selection of the authorized representatives subject to the prior approval of the Engineer concerned and the contractor shall in writing seek such approval of the Engineer giving therein the name of work, Tender No., the Name, Address and the specimen signature of the representative he wants to appoint and the specific purposes as specified the representative will be authorized for even after first approval, the Engineer may issue at any subsequent date.

Revised directions about such authorized representative and the contractor shall be bound to abide by such directions. The Engineer shall not be bound to assign any reason for any of his directions with regard to the appointment of authorized representative. Any notice correspondence etc. issued to the authorized representative or left at his address, will be deemed to have been issued to the contractor himself.

17. POWER OF ATTORNEY:

The Provision of the power of attorney, if any, must be subject to the approval of the Department. Otherwise the WBLDC Ltd. shall not be bound to take cognizance of such of attorney. **Third Party Engagement by The L-1 Agency (after issuing AOC) in exigency also is Strictly restricted.**

18. EXTENSION OF TIME:

For cogent reasons over which the contractor will have no control and which will retard the progress, extension of time for the period lost will be granted on receipt of application from the contractor before the expiry date of contract. No claim whatsoever for idle labour, additional establishment, cost of materials and labour and hire charges of tools & Plants etc., would be entertained under any circumstances. The contractor should consider the above factor while quoting his rate. Applications for such extension of time should be submitted by the contractor. **Generally, no date extension will be entertained by the TIA . Selected Agency will have to complete the job in due time to avoid penal measures as per rules.**

19. MATERIALS TO BE USED:

Suggested **Brand Name/ names of different type of materials are to be use for this work as specified in Work Schedule of Rate or as per direction of Officer-In-Charge under the Control of TIA (IMU).**

20. CONTRACTOR'S GODOWN:

The contractor must provide suitable godowns for cement and other materials at the site of work. The cement godown is to be sufficient in capacity and it must be water tight with either an elevated floor with proper ventilation arrangement underneath the floor or if solid raised flooring is made, cement is to be stored on bamboo or timber tonnage to the satisfaction of the Engineer-In-Charge. No separate payment will be made for these godowns or for the store yard. Any cement which is found at the time of use to have been damaged shall be rejected and must immediately to remove from the site by the Contractor or deposited as directed by the Engineer-In-Charge.

21. ARRANGEMENT OF LAND:

The contractor will arrange land for installation of his Plants and Machineries, his godown, store yard, labour camp etc. at his own cost for the execution of the work. Departmental Godown, if available may be spared for the purpose on usual charges as fixed by the Competent Authority.

22. USE OF GOVERNMENT LAND:

The contractor shall make his own arrangements for storage of tools, plant, equipments; materials etc. of adequate capacity and shall clear and remove on completion of work and shed, huts etc. which

he might have erected in Government Land. Before using any space in Government Land of any purpose whatsoever, approval of the Engineer-In-charge should be needed.

23. CLEARING OF MATERIALS:

Before starting any work, work site, where necessary, must be properly dressed after cutting clearing all varieties of jungles shrubs, bamboo clusters or any undesirable vegetation from the alignment or site of works on completion of works all temporary structure or obstruction including some pipes in underground work, if any, must also be removed. All scars of construction shall be obliterated and the whole site shall be left in a clear and neat manner to the satisfaction of the Engineer-In-Charge. No separate payment shall be made for all these works, the cost thereof being deemed to have been included in the rates of various items of works quoted by the contractor in the schedule of probable items of works.

24. SUNDRY MATERIALS:

The contractor must erect temporary pillars, master pillars etc. as may be required in suitable places as directed by the Engineer-In-Charge at his own cost before starting and during the work by which the departmental staff will check Levels, layout different works and fix up alignment and the contractor shall have to maintain and protect the same till completion of the work. All petty and sundry material like, pegs, strings, nails, flakes instruments etc. and also skill labour require for setting out the levels for laying out difference structures and alignment shall also be supplied by the contractor as per direction of Engineer-in-Charge at his own cost without any extra claim towards the department.

25. SUPPLEMENTARY/ADDITIONAL ITEM OF WORKS:

Notwithstanding the provisions made in the related tender Form any item of the work which can be legitimately be considered as not stipulated in the specific schedule of probable items of work but has become necessary as a reasonable contingent item during actual execution of work will have to be done by then Contractor if so, directed by the Engineer-In-Charge and the rates will be fixed with manner as stated below:-

- (a) Rate of Supplementary items shall be analyzed in the 1st instant extended possible from the rates of the allied items of work appearing in the tender schedule.
- (b) Rate of supplementary items shall be analyzed to the maximum extent possible from rates of the allied items of work appearing in the Department schedule of rates along with all addenda and corrigenda of probable items of work forming part of tender document Rates for the working area enforce at the time of N.I.T.
- (c) In case of any change in quantity due to any kind of alteration during actual work, the contractor will not be liable to put up any claim against any shortfall of quantity in execution. However if it is needed to take up any item in excess or supplement to the priced quantity, the payment for the extra work will be paid as per the prevailing govt. rule.
Unbalanced market rates shall never be allowed Contractual percentage shall only be applicable with regard to the portions of the analysis. It may be noted that the cases of supplementary items of claim shall not be entertained unless supported by entries in the Measurement Book or any written order from the tender accepting authority.

26. COVERED UP WORKS:

When one item of work is to be covered up by another item of work the latter item shall not be done before the formal Item has been measure up and has been inspected by the Engineer-in-charge as the authorized representatives of the Engineer-In-Charge and order given by him or proceeding with the latter item of work. When however, this is not possible for practical reasons, the Sub-assistant Engineer, if so, authorized may do this inspection in respect of minor works and issue order regarding the latter item.

27. APPROVAL OF SAMPLE:

Samples of all materials/items to be supplied by the contractor and to be used in the work shall have to be approved by the Engineer-in-charge/TIA and checking the quality of such materials shall have to be done by the concerned Department prior to utilization in work.

28. DRAWINGS:

Intending Bidder must have to submit Drawing/Design and Lay out of the entire Job based on Site visit in due time .All works shall be carried out in conformity with *the drawings /Lay Out approved by this Department.* After Selection the Approved Agency have to Submit projected Lay out of Plan (Planning of job completion) both Physical as well as Financial based on approved Drawing within 14 Days from the issuing of Award of Contract .

Necessary Payment will be made based on such projection as per payment terms and conditions. However, the Contractor shall have to carry out all the works according to the departmental general arrangement drawing and detail working drawings to be supplied by the Department from time to time.

29. UNSERVICEABLE MATERIALS:

The Contractor shall remove all unserviceable materials, obtained during execution at place as directed. The contractor shall dressed up and clear the work site after completion of work as per direction of the Engineer-in-Charge. No extra payment will be made on this account.

30. CONTRACTOR'S RISK FOR LOSS OR DAMAGE:

All risk on account of railway or road carriage or carriage by boat including loss or damage of vehicles, boats, barges, materials or labour, if any, will have to be borne by the contractor without any extra claim towards department.

31. IDLE LABOUR:

Whatever the reasons may be no claim of idle labour, enhancement of labour rate additional establishment cost, cost of TOLL and hire and labour charges of tools and plants Railway freight etc. would be entertained under any circumstances.

32. CHARGES AND FEES PAYABLE BY CONTRACTOR:

- a) The contractor shall be all notices and pay all fees required to be given or paid by any statute or any regulation or by law and any local or other statutory authority which may be applicable to the works and shall keep the department against all penalties and liability of every kinds for breach of such statute regulation or law.
- b) The Contractor shall have save harmless and indemnify the department from and against all claims demands suit and proceedings for or an account of infringement of any patent rights design, trade mark of name of other Protected write in respect of any constructional Plant machine, work, materials, thing or process used for or in connection with works or temporary works or any of them.

33. ISSUE OF DEPARTMENTAL TOOLS AND PLANTS:

All Tools and Plants required for the work will have to be supplied by the Contractor at his own cost, all cost of fuel and stores for proper running of the Tools and Plants must be borne by the Contractor.

34. REALISATION OF DEPARTMENTAL CLAIMS:

Any some of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the Government and set off against any claim of Government for the payment of sum of money arising out of this contract or under any other contract made by the contractor with the Government.

35. COMPLIANCE OF DIFFERENT ACTS:

The contractor shall comply with the provisions of the Apprentices Act, 1961, Minimum Wages Act, 1848. Contract Labour (Regulation and Abolition) Act 1970 and the rules and orders issued hereunder from time to time. If he fails to do so, the Engineer, may at his discretions, take necessary measure over the contract. The Contractor shall also make himself for any pecuniary liabilities arising out on account of any violation of the provision of the said Act(s). The Contractor must obtain necessary certificate and license from the concerned Registering Office under the Contract Labour (Regulation & Abolition) Act, 1970. The contractor shall be bound to furnish the Engineer-In-Charge all the returns particulars or date as are called for from time to time in connection with implementation of the provisions of the above Acts and Rules and timely submission of the same, failing which the contractor will be liable for breach of contract and the Engineer-In-Charge may at his discretion take necessary measures over the contract.

36. SAFETY, SECURITY AND PROTECTION OF THE ENVIRONMENT:

The Contractor shall, throughout the execution and completion of the Works and the remedying of any defects therein:

- a) Have full regard for the safety of all persons and the Works (so far as the same are not completed or occupied by the department),

- b) Provide and maintain at his own cost all lights, guards, fencing, warning signs and watching, when and where necessary or required by the Engineer-in-Charge for the protection of the Works or for the safety and convenience of the public or others,
- c) Ensure that all lights provided by the Contractor shall be screened so as not to interfere with any signal light of the railways or with any traffic or signal lights of any local or other authority.
- d) Take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation.

37. AFTER SALE SERVICE :

The Bidders should ensure the AFTER SALES SERVICES of the item as and when required for the entire period of warranty/guaranty of minimum one Year from the date of supply at free of cost. Onsite Hands on training with product trial / knowledge transfer to be compulsory for one month in presence of an expert prior to hand over the project .Otherwise , Rest 10 % of the tender amount to be released after that.

38. TRANSPORTATION ARRANGEMENT:

The contractor shall arrange for all means of transport including Railways Wagons required for carriage and supply of materials and also the materials required for the construction work. The Department may however, at their own discretion grant necessary certificates, if required, for procurement of railways Wagons. But, in case of failure of the Department to help the Contractor in this respect, the contractor will have to procure wagons at his own initiative and no claim whatever on the ground of non-availability of wagons shall be entertained under any circumstances. If Railways Wagons are not available, the Contractor will have to depend on transport of materials by road as necessary to complete the work in time and the contractor must consider this aspect while quoting rate.

39. PROGRAMME OF WORK:

Before actual commencement of work the contractor shall submit a programme of construction of work clearly showing the materials men and equipment. The contractor will submit a programme of construction in the pattern of Bar Chart or Critical Path Method and a time table divided into four equal periods of progress of work to complete the work within the specific period for approval of the Engineer-In-Charge who reserves the right to make addition, alterations and substitutions to such programme in consultation with the contractor and such approved programme shall be adhered to by the contractor unless the same is subsequently found impracticable in part or full in the, opinion of the Engineer-In-Charge and is modified by him. The contractor must pray in writing, showing sufficient reasons therein, for modification of programme.

The conditions laid down tender form regarding the division of total period and progress to work and the time table therefore as provided in the said clause shall be deemed to have been sufficiently complied with it the actual progress of work does not fall short of the progress laid down in the approved time table for one fourth, half and three fourth of time allowed for the work.

40. SETTING OUT OF THE WORK:

The contractor shall be responsible for the true and perfect setting out of the work and for the correctness of the position, levels, dimensions and alignments of all parts of work, if any, rectification or adjustment becomes necessary the contractor shall have to do the same at his own cost according to the direction of the Engineer-In-Charge during progress of works. If any, errors appears or arise in respect of position, level, dimensions or alignment of any part of the work contractor shall at his own cost rectify such defects to the satisfaction of the Engineer-In-Charge. Any setting out that may be done or checked by either of them shall not in any way relieve the contractor or their responsibility for correctness and rectification thereof.

41. PRECAUTIONS DURING WORKS:

The contractor shall carefully execute the work without disturbing or damaging underground or overhead service utilities viz. Electricity, Telephones, Gas, Water pipes, Sewers etc. in case disturbances of service utilities is found unavoidable the matter should immediately be brought to the notice of the Engineer-In-Charge and necessary precautionary measures as would be directed by the Engineer-In-Charge shall be carried out at the cost and expenses of the contractor. If the service utilities are damaged or disturbed in any way by the contractor during execution of the work, the cost of rectification or restoration of damages as would be fixed by the Engineer will be recovered from the contractor.

42. NIGHT WORK:

The contractor shall not ordinarily be allowed to execute the work at night. The contractor may however, have to execute the work at night, if instructed by the Engineer-in-Charge. For true technical or emergent reasons the work may require to be executed during the night also according to the instruction of the Engineer-in-Charge. In that case the contractor shall have to arrange for separate set of labour with sufficient and satisfactory lighting arrangement for the night work. No extra payment whatever, in this respect will be made to the contractor.

43. TESTING OF QUALITIES OF MATERIALS & WORKMANSHIP:

All materials and workmanship shall be in accordance with the specifications laid down in the contract and the Engineer-In-Charge reserves the right to test, examine and measure the materials/workmanship direct at the place of manufacture, fabrication or **at the site of works** or any suitable place. The contractor shall provide such assistance, instrument machine, labour and materials as the Engineer-In-Charge may require for examining, measuring and testing the works and quality, weight or quantity of materials used and shall supply samples for testing as may be selected and required by the Engineer- In-Charge without any extra cost. Besides this, he will carry out tests from outside Laboratory as per instruction of Engineer-In-Charge. ***The cost of all such tests would be borne by the agency irrespective of Site Lab facilities with all equipment.***

44. TIMELY COMPLETION OF WORK:

All the supply and the work must have to be completed in all respects within the time specified in Notice Inviting Tender from the date of work order. Time for completion as specified in the tender shall be deemed to be the essence of the contract.

45. PROCUREMENT OF MATERIALS:

All materials required for complete execution of the work shall be supplied by the contractor after procurement from authorized and approved source.

46. REJECTION OF MATERIALS:

All materials brought to the site must be approved by the Engineer-In-Charge. Rejected materials must be removed by the Contractor from the site within 24 hours of the issue of order to that effect. In case of non-compliance of such order, the Engineer-In-Charge shall have the authority to cause such removal at the cost and expense of the contractor and the contractor shall not be entitled to claim for any loss or damage of that account.

47. IMPLIMENTS OF WORK IN ITEMS:

Except of such items as are included in the Specific Priced Schedule of probable items and approximate quantities no separate charges shall be paid for traffic control measures, shoring, shuttering, dewatering, curing etc. and the rates of respective items or works are to be deemed as inclusive of the same. **Intending Bidders is solely responsible for Temporary Electric Connection as well as Consumption unit with his own discretion.**

48. If required , related civil work to be performed by the intending bidder within this scope of work , no extra fund will be allowed for such cases except major work or as desired by the Tender Inviting Authority / Engineer-In-Charge.

49. FORCE CLOSURE:

In case of force closure or abandonment of the works by the Department the contractor will be eligible to be paid for the finished work and reimbursement of expenses actually incurred but not for any losses.

50. TENDER'S RATE:

The contractor should note that the tender is strictly based on the rates quoted by the Contractor on the priced schedule of probable item of work. The quantities for various other items of works as shown in the priced schedule of probable items of works are based on the drawing and design prepared by the Department. If variations become necessary due to design consideration and as per actual site conditions, those have to be done by the contractor at the time of execution at the rate prescribed in the tender clause. No conditional rate will be allowed in any case.

51. DELAY DUE TO MODIFICATION OF DRAWING AND DESIGN:

The contractor shall not be entitled for any compensation for any loss suffered by him due to delays arising out of modification of the work due to non-delivery of the possession of site. The whole work will have to be executed as per Departmental drawings available in this connection at the tender rate.

52. ADDITIONAL CONDITIONS:

- a) As per Finance (Taxation) Department of Income Tax Will be made from each bill of the contractor as per applicable rate in force.
- b) Labour welfare Cess will be deducted @ 1(one) % of gross bill value as per rule. The Contractor will remain liable for following with West Bengal Contract Labour(Regulation & Abolition) Rules in force & necessary. Certificates from appropriate authority to be submitted within 7 (Seven) days from the date of the work order'
- c) **Contractor / Agency must have to submit the list / upload the data in Portal of unskilled labour as per Annexure-VII of Karmashree Scheme as mentioned Clause no.8 of Eligibility Criteria.**

53. DEFECT LIABILITY PERIOD:

Full Security Deposit should be refunded to the agency after one month on expiry of Defect Liability Period of work. If any defect/ damage is detected during this period as mentioned the agency shall make the same good at his own expense to the satisfaction of the Engineer-In-Charge or in default the Engineer-In-Charge may cause the same to be made good by other agency and deduct the cost (of which the certificate of the Engineer-In-Charge shall be final) from his security deposit or any sums that may be then, or at any time thereafter become due to the agency.

Defect Liability Period (DLP) shall be commenced from the actual completion of work / Handed over after successful trial run with product in case of Plant and considered as follows depending upon the different nature of works:-

- A) (i) Construction of new Supply /Plants/ Plant &Machineries has been designed for a period of minimum one year up to 05 (five) years or As per OEM Specification as mentioned in Handed Over Letter with sufficient documentary Proof. **The DLP of the work shall be 01(One) years/ as per OEM from** the actual date of Handed over after SITC with product trial run.
- (iii) No Security Deposit shall be refunded to the agency before that from the actual date of completion of work.
54. **There shall be no provision of Arbitration. Hence clause 25 of the West Bengal Form No. 2911(ii) shall not be allowed vide memo no. 558/SPW dated 13.12.2011 of P.W.D Establishment Branch.**
55. During opening of bid Managing Director may call open bid/ sealed bid after opening of the said bid to obtain the suitable rate further, if it is required. No objection in this respect will be entertained if raised by any bidder present or absent during opening of tender.
56. In case of any unscheduled holiday on the aforesaid dates [Sl. (v)], the next working day will be treated as schedule/ prescribed date for the same purpose.
57. No Adjustment of Price or Price Escalation of any kind will be allowed. Notification No. 23-CRC/2M-61/2008 dated 13.03.2009 & Notification No. 38-CRC/2M-61/2008 dated 20.04.2009 shall not be applicable for the job included in this NIT.
58. If more than one Bidder quoted same rate and which are found lowest at the time of opening, such similar multiple rates will not be entertained / accepted. Lowest offer will be ascertained by sealed bid amongst the lowest bidder.
59. The Earnest Money may be forfeited if :-
 - a) If the Bidder withdraws the Bid during the period of Bid validity.
 - b) In case of successful Bidder, if the Bidder fails to execute formal agreement within the stipulated time period.
 - c) During scrutiny, if it is come to the notice of tender inviting authority that the credential or any other document which were uploaded & digitally signed by the Bidder are incorrect / manufactured / fabricated.
 - d) Earnest Money converted to Security Deposit will be forfeited as per rules stated above.
60. All intending bidders should be appointed one Mechanical / Specialized Engineer during execution of work as the case may be.



16.01.26

Managing Director

Ichhamati Co-operative Milk Producers' Union Ltd.

THE ICHHAMATI CO-OPERATIVE MILK PRODUCERS' UNION LIMITED

[A Govt. of West Bengal Project]

HATIPUKUR ROAD, BARASAT-700124, NORTH 24-PARGANAS

Regd. No. 3/IMU (N-24 Pgs.) of 1997

email : ichhamati123@gmail.com / mdichhamati@gmail.com

Website: www.ichhamatimu.com

NIT No- IMUL/e TENDER /92/25-26 / 42

Date: 16.01.2026

Scope of Work (Job Schedule) -Annexure-A

BOQ OF MACHINERY ITEMS & LABORATORY SETUP		
SL NO	DESCRIPTON	QTY
1	MILK CHILLER 5000 LPH	1 NO.
2	MILK PASTEURIZER 5000 LPH	1 NO.
3	HOMOGENIZER 5000 LPH	1 NO.
4	MILK FEED PUMP 5000 LPH	1 NO.
5	ON LINE CREAM SEPARATOR 5000 LPH	1 NO.
6	CURD PASTEURIZER 1000 KG/H	1 NO.
7	CULTURE TANK 500 LIT	2 NOS.
8	LASSI/ DAHI PACKING MACHINE DOUBLE HEAD 2400 POUCH/H	1 NO.
9	OVER HEAD TANK FOR FILLING MACHINE 200 LIT	1 NO.
10	LASSI CHILLER 5000 LPH	1 NO.
11	BLAST FREEZER – 18°C	1 NO.
12	GHEE CLARIFIER 500 LPH	2 NOS.
13	PANEER COAGULATING VAT 1000 LIT	1 NO.
14	PANEER HOOPS 10 KG EACH 3MM SHEET	10 NOS.
15	PNEUMATIC PANEER PRESS DOUBLE HEAD	2 NOS.
16	AIR COMPRESSOR FOR PANEER PRESS 6KG/CM2	1 NO.
17	DOUBLE HEAD VACUUM PACKING MACHINE FOR PANEER & PEDDA	1 NO.
18	AIR COMPRESSOR FOR PEDDA STAMPING MACHINE 6 KG/CM	1 NO.
19	AIR COMPRESSOR FOR OPERATION OF OVERALL PROCESSING 60 CFM	1 NO.
20	DIESEL FIRED BOILER 1000 KG/H	1 NO.
21	GHEE FILLING AND SEALING IN PLASTIC CONTAINER MACHINE AUTOMATIC TYPE	1 NO.
22	EFFLUENT TREATMENT PLANT (ETP) 30KL	1 NO.
23	R O WATER TREATMENT PLANT & WATER SOFTENING PLANT	1 NO.(Standard)
24	ERECTION , TESTING & COMMISSIONING	1 LOT
25	PACKING, TRANSPORT & INSURANCE	1 LOT
26	LABORATORY SET UP CHEMICAL& MICROBIOLOGICAL :AS MENTIONED IN THE SCOPE OF SUPPLY.	
TOTAL AMOUNT(18%GST INCLUSIVE) : 2,42,54,900.00		

SCOPE OF SUPPLY

LIST OF ITEMS

Sl.No.	Description.	Capacity	Quantity
1	Milk Chiller	5000 LPH	1No.
2	Milk Pasteurizer	5000 LPH	1No.
3	Homogenizer	5000 LPH	1No.
4	Milk Feed Pump	5000 LPH	1No.
5	On-Line Cream Separator	5000 LPH	1No.
6	Curd Pasteurizer	1000Kg/Hr	1No.
7	Culture Tank	500 L	2Nos.
8	Lassi /Dahi Packing Machine double head	2400 pouch/h	1No.
9	Over head tank for Filling Machine	200L	1No.
10	Lassi Chiller	5000 LPH	1No.
11	Blast Freezer(-18°C)		1No.
12	Ghee Clarifier	500 LPH	1No.
13	Paneer Coagulating Vat	1000 L	1No.
14	Paneer Hoops	10 kg each	10Nos.
15	Pneumatic Paneer Press Double Head		2Nos.
16	Air Compressor for Paneer Press	6kg/cm ²	1No.
17	Double head vacuum machine for Paneer & Peda		1No.
18	Air Compressor for Peda Stamping Machine	6 kg/cm ²	1Lot
19	Air Compressor for operation of overall processing	60 cfm	1No.
20	Diesel Fired Boiler	1000 kg/h	1No.
21	Ghee Filling and Scaling in plastic container machine automatic type		1No.
22	Effluent Treatment Plant(ETP)	30KL	1No.
23	R.O water Treatment & Water Softening Plant		Standard
24	Erection, Testing & Commissioning		1Lot
25	Packing, Transport & Insurance		1Lot
26	Laboratory setup chemical & microbiological		1No.

Raw Milk Chiller :

Quantity : 1 No.

Capacity : 5KLPH

Chilling milk : 35°C to 4°C Chilled water:
2°C

MAKE : IDMC/TETRAPAK/KELVION/ Similar (to be mentioned in Annexure-VI)

Functional requirement: The single section plate heat exchanger would be used for chilling raw milk with chilled water.

Scope of supply:

Plates: The plates would be made from SS 316 and will be sanitary design. All milk contact and exterior, surfaces will be easily accessible or readily removable for cleaning inspection.

Gaskets: The sealing gaskets will ensure complete sealing and prevent any cross leakage between product and service liquids. Gaskets will be of sanitary type. It will be continuously bonded to the heat transfer surface. The gasket material will be of food grade rubber and will withstand a water sterilization temperature of 100°C and 2% caustic solution at 80°C. Gasket material will be non-toxic, heat resistant, and nonabsorbent and will have smooth surface.

Supporting frame:

The supporting frame for the plate pack will be of a self-supporting design made of MS clad with SS sheet with a manually operated tightening device.

Finish: All welding joints will be ground smoothly. All SS surfaces will be polished.

Accessories:

Inlet / outlets: The inlets and outlets for chilled water and products will be provided with complete SS304 SMS unions.

Thermo well: 3/4" SS pockets for the thermometer on all the inlets and outlets. Digital thermometers with temperature displays should be supplied.

Ball feet: The frame will be provided with adjustable SS ball feet with provision for height adjustment of 50mm - 4 Nos.

Tools: Essential special tools will be supplied.

1. Milk Pasteurization Plant

Capacity	:	5 KLPH
Quantity	:	1 No.

Design Parameters:

Raw milk feed temperature	:	04/06 °C
Milk Take-Off Temperature to Centrifuge	:	50- 55 °C
Milk Take-Off Temperature to Homogenizer	:	60- 65 °C
Milk Pasteurization Temperature	:	Up to 80 °C
Holding time for pasteurization.	:	20 s.
Finished milk discharge temp.	:	04°C
Heat regeneration	:	90 %
Chilled water feed temp.	:	01°C
Chilled water flow rate	:	3 times the milk flow Rate.

Pasteurizer will be equipped with:

1.1 Balance Tank:

Capacity	:	100 L
Quantity	:	1 No.
MOC	:	SS 304

The float balance tank will be fabricated from 2mm thick SS sheet and provided with cover, sanitary type SS float valve with milk inlet, outlet, return milk inlet and adjustable ball feet.

1.2 Milk Pump

Capacity	:	5 KLPH
Quantity	:	1 No.
MOC	:	SS 304
Type	:	Centrifugal

Functional requirement: The pump would be used for transfer of milk from balance tank to PHE.

The pump will be of sanitary design as per dairy standard. It will be provided with mechanical seal. The pump will have TEFC motor fitted with SS shroud with air louvers for cooling and suitable arrangement for cable connections.

It is equipped with VFD for controlling the feed rate.

1.3 Plate Heat Exchanger:

Make : Plate pack shall be from IDMC/KELVION/TETRAPAK/Similar (to be mentioned in Annexure-VI)

Capacity : 5KLPH

Quantity : 1No.

The plates will be made from SS conforming to SS 316 and will be of sanitary design. All the milk contact and exterior surfaces will be easily accessible for cleaning and inspection. All PHE plates will be fitted with Nitrile /EPDMCLIP-on food quality gasket and will ensure no cross leakage between product and service liquids.

The supporting frame for plate pack will be of self-supporting design made of SS clad MS with manually operated tightening device. The tightening device will be able to exert uniform pressure on all the parts of heat exchanger plates and inlet/outlet connection for product and cooling/heating media. The frame will be provided with adjustable SS ball feet with provision for 50mm height adjustment.

2.4 Holding Tube:

MOC : SS 304, (20 seconds holding)

Holding tube will be designed for the specified holding time considering the CIP clean ability and fastest particle velocity.

2.5 Heating Device:

Final stage of heating will be done with hot water. The hot water generation systems will be of plate type heat exchanger.

The plates will be made from SS conforming to SS 304 and will be of sanitary design. All the milk contact and exterior surfaces will be easily accessible for cleaning and inspection. All PHE plates will be fitted with food quality gasket and will ensure no cross leakage between product and service liquids.

The supporting frame for plate pack will be of self-supporting design made of SS clad MS with manually operated tightening device. The tightening device will be able to exert uniform pressure on all the parts of heat exchanger plates and inlet/outlet connection for product and cooling/heating media. The frame will be provided with adjustable SS ball feet with provision for 50mm height adjustment.

2.6 Automatic Flow Diversion Valve (FDV):

Flow diversion will be provided to divert the milk from the heating section of the heat exchanger to the balance tank if the temperature of the milk is not reached to the set temperature. Automatic steam control valve(4-20 MA)

MAKE: IDMC/INOXPA/GEA/LKM/Similar (to be mentioned in Annexure-VI)

2.7 Instrumentation and Control Panel: 1Set

The instrumentation and control panel shall be made in standard execution built to dust and vermin proof design. The control panel shall be leg supported and house the following components all pre-wired to terminal strip:

- PLC controller for temperature of pasteurized product with display of set temperature and actual product temperature. The controller has a facility to automatically tune to the requirement of set temperature.
- **Chartless recorders shall be provided.**
- Audio alarm with hooter and acknowledge and reset push button.
- Auto manual selection switches and forced forward flow provision

- I/P convertor for steam control valve operation and electrically operated solenoid valve for air supply to flow diversion valve.
- Air pressure regulator cum moisture separator with isolating valve cum air filter to ensure proper air supply to the i/p convertor and solenoid valves.
- Incoming on/off switch for control supply.
- Six sets of 'on' and 'off' push buttons with indicating lamps and suitable inscriptions shall be provided for operation of motors of various modules. (two numbers spare push buttons are included)
- Indication lamp for showing the position of flow diversion valve (forward/diverted mode)

Pipes and fittings (SS 304): all inter connecting pipes with necessary fittings for product as well as service shall be supplied within the specified battery limits and exclusions

Product: the supply shall include all the necessary SS 304 pipes and fittings from float balance tank to the finished pasteurized product outlet as required interconnecting the above equipment.

Hot water: the supply shall also include necessary SS 304 pipes and fittings for pumping hot water to the heating section of the pasteurizer and return to the hot water set.

Tools: essential special tools shall be provided along with 20% spares gasket and 2 nos. each type of plate.

PID Controller with

2.8 Interconnecting SS pipes & Fittings:

All the necessary SS pipes & Fittings required for integration of all components of HTST Milk Pasteurization plant will be provided.

The above components would be installed in SS304Skid Frame in compact modular construction.

3 Homogenizer:

MAKE:	:	GOMA/ MICRON/IDMC/Similar (to be mentioned in Annexure-VI)
Quantity	:	1No.
Capacity	:	5 KLPH
MOC	:	Product contact part SS 304, Valve stellite
Stage	:	Two stages (200bar+50bar)

One homogenizer for homogenizing the liquid milk at a pressure of up to 200 bars. The pressure is controlled by a hydro-pneumatic system.

Technical Specification:

Material of Construction: All parts in contact with product are of stainless steel. The machine will have dust and vermin proof design in epoxy painted stainless steel enclosure.

No of stage: 2(Two)

1ststage operating pressure: 200 bar

2ndstage homogenizing operating pressure: 50 bar

Pressure gauge: Two pressure gauges to indicate the two stage homogenizing pressure

Type of homogenizing valve: Liquid whirl (LW) universal homogenizing valve

Valve housing:

Mono block poppet valves housing with removable valve seats, interchangeable poppet valves configuration.

The machine will be designed considering the CIP clean ability specifically for dairy applications & compliance with following standard.

Main switch and starter provided separately and external to the machine along with all the auto switches and Relays.

Blower should be provided to remove hot air inside the cabinet.

Remote control Panel should be provided near the Homogenizer with the indicators as given below.

- Indication Lamp for Water / Air Failure. (OPTIONAL)
- Indication Lamp for Irregular Lubrication Oil Pressure.
- Indication Lamp for Protection Intervention (For any electrical Problem)

- (iv) Indication Lamp for Product Failure (OPTIONAL)
- (v) Start and Stop Push Buttons with indication lamp.
- (vi) Pressure adjusting knob for 1st& 2nd with Push Locking arrangement.
- (vii) Emergency Stop
- (viii) Reset Push Button with indication lamp.
- (ix) 1st and 2nd Stage selector switches with indication lamp.
- (x) Hour meter to note the total running hours, which will help to follow the maintenance schedule.

Sanitary design Diaphragm type Pressure Gauge on 1st Stage having range of 0 – 200 Bar.

Oil level indicator and Lubrication oil pressure gauge on front side of the Homogenizer.

Air pressure gauge on front side to indicate the pressure on 1st and 2nd Stage.

- (a) Easily removable type SS enclosure along with bolting arrangement and handles.

4 Milk Feed Pump:

Capacity	:	5 KLPH
Quantity	:	1No.
MOC	:	SS 304
Type	:	Centrifugal

Functional requirement: The pump would be used for transfer of milk from balance tank to PHE.

The pump will be of sanitary design as per dairy standard. It will be provided with mechanical seal.

The pump will have TEFC motor fitted with SS shroud with air louvers for cooling and suitable arrangement for cable connections.

1. Cream Separator:

MAKE	:	TETRAPAK/GEA/SPX/Similar (to be mentioned in Annexure-VI)
Capacity	:	5KLPH
Quantity	:	1No
Input Compression	:	1.5–2 bar
Working Temperature	:	45-51°C
Type	:	Solidbowlmanual cleaning

Function: Separation, Clarification at the optimum temperature of 40-50°C.

Design: Centrifugal Cream Separator has two main assemblies, that is, bowl assembly and drive assembly.

Bowl assembly consists of a lower bowl part, distributor, separator discs, and upper bowl part and a locking ring between upper and lower bowl parts. All the contact parts are manufactured from stainless steel conforming to AISI-304 grade.

Drive assembly is underneath the bowl assembly with clutch and gears. A horizontal shaft is driven by the electric motor which in turn gives rotation to the vertical shaft held between high speed precision bearings. Whole drive assembly is submerged in an oil bath for lubrication. Lower part of the bowl is tightened over the upper thread ended of vertical shaft and held in place by a bowl nut with left hand (anticlockwise) threads which keeps it tightened as the bowl rotates clockwise.

Finish: All weld joints are ground smooth. All Stainless Steel surfaces are polished to 150grits.

Accessories:

- Lubrication System is splash type
- 2 No. Diaphragm type pressure gauges in stainless steel dial for monitoring milk and cream pressure.
- Bowl Gasket: From food grade material which is non-toxic, fat resistant and non-absorbent from PTFE (Teflon) Also gasket with centripetal pump for discharge of milk is from PTFE
- Electric Motor: 440V, 3-Phase, 50/60 Hz, 2hp provided with stainless steel protection cover.

Connections: Motor:

Bowl Speed: Sludge Space: Inlet Pressure: Outlet Pressure:

Separation of hot milk 5000 l/h Standardisation/ Clarification 7500 l/h
Inlet 38mm, Skimmilk outlet 38mm, Cream outlet 25mm

5.5 KW flange motor for 440 V, 50 HZ 3-Phase AC Motor drives bowl via friction clutch.
5900 r/min. (approx)

4.61 litres

0.5 kg/cm² min.

As required for downstream equipment and determined by impeller sizes, etc.

Tools: Essential special tools are supplied with the machine.

2. Curd Pasteurizer:

Capacity : 1000 LPH

Quantity : 1No.

Product : Cow milk, (4% milk fat)

Capacity : 1000 LPH

Temp Program : 4-28-90-45 °C

Holding time : 10 min.

Process Operation:

Pasteurization temperature control (by advanced PID controller) and flow rate (by mechanical flow controller in case of pasteurizer) will be automatic. Flow will be diverted automatically with alarm if temp is below the past temp. Sequencing of production, sanitization and CIP will be manual. Detergent addition in the balance tank and concentration monitoring will be manual.

6.1. Balance tank:

Capacity : 100 L

Quantity : 1No.

MOC : SS 304

The float balance tank will be fabricated from 2mm thick SS sheet and provided with cover, sanitary type SS float valve with curd inlet, outlet, return curd inlet and adjustable ball feet.

6.2. FeedPump&BoosterPump:

Capacity : 1 KLPH

Quantity : 1No.

MOC : SS 304

Type : Centrifugal

Functional requirement: The pump would be used for transfer of curd from balance tank to PHE. The pump will be of sanitary design as per dairy standard. It will be provided with mechanical seal. The pump will have TEFC motor fitted with SS shroud with air louvers for cooling and suitable arrangement for cable connections. It is equipped with VFD for controlling the feed rate.

6.3. Plate Heat Exchanger:

MAKE : TERAPAK/IDMC/KELVION/Similar (to be mentioned in Annexure-VI)

Capacity : 1KLPH

Quantity : 1No.

The plates will be made from SS conforming to SS 316 and will be of sanitary design. All the curd contact and exterior surfaces will be easily accessible for cleaning and inspection. All PHE plates

will be fitted with Nitrile/ EPDM glue free food quality gasket and will ensure no cross leakage between product and service liquids. The supporting frame for plate pack will be of self-supporting design made of SS clad MS with manually operated tightening device. The tightening device will be able to exert uniform pressure on all the parts of heat exchanger plates and inlet/outlet connection for product and cooling/heating media. The frame will be provided with adjustable SS ball feet with provision for 50 mm height adjustment.

Holding tube:

Holding tube will be designed for the specified holding time of 10 min considering the CIP clean ability and fastest particle velocity. MOC is SS304. Holding tube will be made up of pipes and fittings to match the internal surfaces get the best hygienic construction.

Manual Flow diversion valve for CIP, diaphragm valve, with wetted parts in SS 304.

Pasteurization temp recorder:

The temp indicating and controller is micro processor based.

6.4. Holding tube:

MOC	:	SS304
Holding time	:	Suitable for Dahi / culture

Holding tube will be designed for the specified holding time considering the CIP clean ability and fastest particle velocity.

6.5. Heating Device:

Final stage of heating will be done with hot water. The hot water generation system will be of plate type heat exchanger.

The plates will be made from SS conforming to SS304 and will be of sanitary design. All the curd contact and exterior surfaces will be easily accessible for cleaning and inspection. All PHE plates will be fitted with food quality gasket and will ensure no cross leakage between product and service liquids.

The supporting frame for plate pack will be of self-supporting design made of SS clad MS with manually operated tightening device. The tightening device will be able to exert uniform pressure on all the parts of heat exchanger plates and inlet/outlet connection for product and cooling/heating media. The frame will be provided with adjustable SS ball feet with provision for 50mm height adjustment.

6.6. Automatic Flow diversion valve (FDV):

Flow diversion will be provided to divert the curd from the heating section of the heat exchanger to the balance tank if the temperature of the curd is not reached to the set temperature.

6.7. Instrumentation and Control Panel: 1Set

Control panel:

- MOC: SS 304, Duly pre-wired and tested, & consists of the following Instruments and Controls:
- PID Temperature Indicating Controller, for heating application with data logger.
- Alarm/Hooter with 'reset' switch to announce diversion of milk
- Manual/Auto switches for operating flow diversion valve.
- Modulating steam control valve with positioner
- Start/stop push buttons with indicating lamps for process pump (milk pump, hot water pump etc.)
- 1 No On/Off lockable switch with indicating lamp for incoming supply from 'Mains'

6.8. Interconnecting SS pipes & Fittings:

All the necessary SS pipes & Fittings required for integration of all components of HTST Curd Pasteurization plant will be provided. The above components would be installed in SS304Skid Frame in compact modular construction.

3. Culture tank

Capacity	:	500L
Type	:	Cylindrical/ vertical, triple jacketed
Quantity	:	2Nos.
MOC	:	SS304

Functional Requirement: This will be used to prepare the curd milk for inoculation.

Functional Requirement:

The equipment shall be used for curd making and further mixing different ingredients in the curd for making Lassi.

Design Requirement:

Capacity: 500 L

Constructional features: The equipment shall be triple walled. The inner shell and the dished bottom shall be made from 2 mm thick stainless steel conforming to AISI 304.

The outer shell and outer bottom shall be fabricated from 2 mm thick stainless steel conforming to AISI 304.

The space between the shell and the outer jacket shall be insulated with Rock wool or equivalent insulation to withstand steam temperature.

Legs: The whole unit shall be mounted on 4 nos. of SS 304 clad MS legs with adjustable SS ball feet.

Finish: -All surfaces coming in contact with the product shall be polished to 180 grits dull finish.

Markings: - Calibration in the inner jacket shall be made with 100 litres interval.

Accessories:

Hand hole/ Manway at the top

Inlet/1 no. 51 mm dia. Outlet fitted with SMS butterfly valve having SS flange at one end and SMS 51mm union at the other end.

1 No. Thermowell

1 no. vertical top hung type agitator complete with mounting geared motor 440 v, 3 Ph, of suitable capacity having R.P.M. of 100 and propeller type impeller, with VFD

1 no. rotating type spray ball assembly.

The vat shall be completed with inlet and outlet with Non-return and GM valve in the jacket portion, jacket drain cock, and safety valve.(Optional)

All SS pipes and fittings shall conform to AISI 304 SMS standards.

Provision for digital temperature indicator.

4. Lassi/Dahi Packing Machine- Double Head

MAKE :RMC/SAMARPAN/NICHROME/Similar (to be mentioned in Annexure-VI)

Product	:	Lassi/ Dahi
Feeding System	:	Gravity Filler
Average Output	:	2400 Pouches/h.
Packaging Material	:	Virgin Film
Type of Seal	:	Overlap/Impulse seal
Vertical Seal	:	The film will be overlapped and sealed into a tube by vertical electrode. The jaw will be mechanical cam operated and is water-cooled.

Down ward Feed: Downward movement of film tube will be controlled by a tube in the pouches is continuous, and these a ling takes place through the product.

Horizontal Seal: The Horizontal Sealing and Cutting takes place at the same time by horizontal electrode mounted on fixed horizontal jaw. The fixed horizontal jaw is water-cooled.

CIP Cleaning of Machine : The machine should be built suitable for in line cleaning- in-place from a central system. The float balance tank should be capable of withstanding the average pressure of 3.5 bar–85°C of the CIP solution. The filling nozzle will have a CIP solution collection cup.

Scope of Supply:

S.S. Float Balance Tank: Balance tank of at least 50 Litres capacity should be provided on the top of the pouch filling machine. Separate balance tank for each filling head.

Machine shall have following inbuilt feature / arrangement:

Equipped with PLC controller and HMI panel.

The machine shall be provided with photocell on each head with all mounting arrangement to control the length of pouch.

Film guard device to stop the machine when film gets exhausted.

Liquid level controller.

Fill Quantity adjustment through HMI.

Bag length can be controlled either through Eye Mark as well as through PLC i.e. both features.

Independent head operation facility.

Digital heat control system.

Pouch counter.

Apportioning device for 200 ml, 500 ml and 1000 ml pouch packing.

Each head of the machine shall have CIP hoses with adaptors for CIP of the machines.

Glass panelled door with handle lock and adjustable legs.

Electrical and electronic system of respective head shall be housed in cabinet.

Emergency switch to stop the machine is to be provided on front side of machine.

Servo Voltage Stabilizer:

KVA rating - 10 KVA.

Voltage output -440 volts 50 Hz.

No. of phase – 3 ph.

Suitable 4 core Armoured Al. conductor PVC insulated cable of standard make to connect voltage stabilizer output to machine - 10 Meters.

Batch Coding Machine: Online Batch Coding Machine, TTO type shall be installed on each head for MRP, Date & Time and batch no. printing on the milk pouch and controlled by PLC.

SS Pouch Milk Collection Tray with stand: For each head of the packing machine 01 no. of suitable size SS tray with stand are to be provided for collection of packed pouch milk coming out of from the packing machine.

Tools & Instruction manual: Essential special tools and instruction manual with spare part list shall be supplied along with each machine without charging any extra cost.

5. Overhead Tank for Filling Machine:

Capacity	:	200L
Quantity	:	1No.
MOC	:	SS304

It will be used to store the product before feeding to filling machine.

Design Requirement:

Capacity: 200 L

Constructional features: The equipment shall be double walled. The inner shell and the bottom shall be made from 2 mm thick stainless steel conforming to AISI 304.

The outer shell and outer bottom shall be fabricated from 2 mm thick stainless steel conforming to AISI 304.

The space between the shell and the outer jacket shall be insulated with liquid PUF for insulation.

Legs: The whole unit shall be mounted on 4 nos. of SS 304 clad MS legs with adjustable SS ball feet.

Finish:-All surfaces coming in contact with the product shall be polished to 180 grits dull finish.

Accessories:

Inlet/1 no. 51 mm dia. Outlet fitted with SMS butterfly valve having SS flange at one end and SMS 51mm union at the other end.

1 No. Thermowell

1 no. stationary type spray ball assembly.

The vat shall be completed with inlet and outlet

All SS pipes and fittings shall conform to AISI 304 SMS standards.

Lassi Chiller

10.

Capacity : 5,000LPH
Quantity : 1No.
Type : PHE (Single Section)

Design Requirements:

Milk feed temperature - 42°C
Milk discharge temperature - 4 °C
Chilled water feed temperature - 1.5 °C
Maximum permissible chilled - 3 times the milk flow rate
Water flow rate Maximum pressure drop on - 1.0 Kg/mm²

Functional Requirement: The single section pate heat exchanger would be used for chilling Lassi milk with chilled water.

Design parameters:

Feed temperature : 20°C
Discharge temperature : 5°C
Chilled water feed temperature : 2°C

Scope of supply:

Plates: The plates would be made from SS304 and will be sanitary design. All milk contact and exterior, surfaces will be easily accessible or readily removable for cleaning inspection.

Gaskets: The sealing gaskets will ensure complete sealing and prevent any cross leakage between product and service liquids. Gaskets will be of sanitary type Nitrile EPDM glue free. It will be continuously bonded to the heat transfer surface.

The gasket material will be of food grade rubber and will withstand a water sterilization temperature of 100°C and 2% caustic solution at 80°C. Gasket material will be non-toxic, fat resistant, and non-absorbent and will have smooth surface.

Supporting frame: The supporting frame for the plate pack will be of a self-supporting design made of MS clad with SS sheet with a manually operated tightening device. The frame and tightening device will prevent the plates from deflecting under pressure differential will be minimum of 4kg/cm².

Finish: All welding joints will be ground smoothly. All SS surfaces will be polished.

Accessories:

Inlet/outlets: The inlets and outlets for chilled water and products will be provided with complete SS304 SMS unions.

Thermo-well: 3/4" SS pockets for thermometer on all the inlets and outlets. Digital temperature indicators should be supplied.

Ball feet: The frame will be provided with adjustable SS ball feet with provision for height adjustment of 50 mm -4Nos.

Tools: Essential special tools will be supplied.

Blast Freezer:

Quantity : 1No.
Temperature : (-)18°C

Make: Blue Star/ Rinac/ Carrier/Similar (to be mentioned in Annexure-VI)

Inside Temperature:(-)18°C
Type: Walk-in -type, PUF panels
Capacity: 5000 L

Walk-In-Type with suitable anteroom, air cooled condensing unit to maintain room temp of -18 deg C.
Shall have 2 nos of compressor units and 2 nos of evaporators.
Pull down time of the product inside shall be 6 hours from 45 to 15 deg C for dahi pouches/cups.
It is equipped all necessary equipment and accessories.

11. **Ghee Clarifier:**

Quantity : 1 No.
Capacity : 500LPH
MOC : SS304

Application:

Ghee from the settling tank is fed through the inlet placed at the top of Ghee clarifier. Separation takes place in a solid wall bowl where the Ghee residue, under the influence of centrifugal force, separates from Ghee and is collected in the sludge space of the bowl. The clear Ghee comes out through an outlet connection. All parts coming in contact with Ghee such as bowl hood, disc, and distributor are made of stainless steel. The bowl body is lined with stainless steel. The machine frame is cast iron.

Capacity: Rated hydraulic capacity 500 LPH. Through put for clarification of Ghee will depend on viscosity, density, and temperature and solids percentage.

Motor: A standard electric motor of suitable capacity for operation on 440 volts 50 Hz, 3 phases, AC supply.

12. **Paneer Coagulating Vat**

Capacity : 1000 L
Quantity : 1 No.
MOC : SS304

Paneer vat would be used for coagulating milk solids for production of paneer. The vat will be welded and jacketed in construction having rectangular cross section with semi circular ends.

Functional Requirements:

The paneer vat would be used for coagulating milk solids for production of paneer.

Design Requirements:

Capacity: 1000 L of milk intake

The volume of the vat shall be such that after filling the vat to rated capacity, the level of the milk remains 50 mm below the top of the vat.

Constructional Features: triple walled and welded construction having rectangular cross section.

Slope: The inner vat bottom and the jacket shall have slope of 1:25 slope towards the central line from sides(two direction slope).

Finish: All the inside weld joints of inner shell and outside welding joints of outer shell shall be ground flush and finished to 150 grits. Inside of the inner shell shall be finished to 150 grits and outer shell to 150 grits.

SCOPE OF SUPPLY

Inner vat: The inner rectangular vat with rounded ends shall be fabricated from 5 mm thick AISI 304 SS sheets.

Inner jacket: SS 304 4 mm thick

Outer vat: The outer rectangular vat with rounded ends shall be fabricated from 2 mm MS sheets.

ACCESSORIES

Agitator: 1 HP agitator with specially designed blades for complete mixing of milk and coagulant, 30 RPM.

Whey outlet: SS cup type outlet with 3" SMS valve. The outlet discharge shall be 200 mm from the floor level. A sliding type strainer manufactured from SS perforated sheet shall be provided if asked for.

Steam Distribution: Steam distribution system shall comprise of 1 no perforated steam distribution pipes of suitable size provided in the bottom jacket, 1 no. steam header and 1 no. steam inlet pipe ending in flange and counter flange.

Legs: Mild steel legs with stainless steel AISI 304 pipe cladding having SS ball feet assembly.

Overflow: 1 no. overflow pipes for the jacket ending near the floor level shall be provided.

Drain: A 38 mm diameter SS drain with SS ball valve shall be provided.
Water inlet: 38 mm diameter water inlet with GM valve shall be provided.

Painting: All mild steel pipes shall be coated with two coats of corrosion resistant epoxy primer.

Temperature probe: A temperature probe of SS 304 with suitable length and having digital thermometer.

Scope of supply-

- Inner vat: SS 304
- Outer vat: SS 304
- Steam jacket
- Steam distribution system would be also be provided

13. Paneer Hoops:

Capacity : 10kg each
Quantity : 10Nos.

Functional Requirements:

The hoop shall be used to make the coagulated curd into rectangular block and drain out the excess moisture.

Design Requirements:

Size: 300 mm x 300 mm x 110 mm.

MOC: Stainless Steel AISI 304 of 3 mm thick

Finish: All the inside weld joints shall be ground flush and finished to 150 grits.

MOC : SS 304

SS hoops, each of 10kg wet paneer holding capacity consist of a top, separator and a bottom tub.

The bottom of the mould will have 5 mm holes provided for insertion of 2 nos. SS pins to allow the forming of the mould prior to the filling of green paneer. The separator would inside the bottom and rest on the two SS pins. When filling operation of the mold is complete, the pins are pulled out of the bottom and the top lid is put on the separator. The top lid would be of as certain height to ensure proper closure of the paneer mold. 5mm holes would be drilled on the bottom, and the top to ensure proper removal of whey from green paneer.

14. PaneerPress(Pneumatictype)

Quantity : 2Nos.
MOC : SS304
Type : Double Head

It would be used to expel part of the moisture from paneer by pneumatically by compressed air.

15. Air Compressor for Paneer Press:

Capacity : 6 kg/cm²
Quantity : 1Set

Make: Ingersoll rand/ Elgi/Kaeser/Anest Iwata

- Capacity : Minimum 30 CFM at 7 bar free air delivery.
- Type : Reciprocal
- Controls : Suitable for automatic operation
- Accessories : Pre-filter, after cooler and control panel

(b) Air receiver complete with accessories:

Capacity: 200 L as per requirement
Material : Mild Steel
Type : Horizontal Cylinder Mounting

Supporting Ports, Fittings& accessories: Standard such as inlet & outlet nozzles, Auto drain valves Pressure transmitter, etc.

Refrigerated Air dryer complete with accessories: (Optional)

Capacity : Suitable as per requirement
Material : Mild Steel
Type : Refrigerated
Refrigerant : R 134 A
Pressure Dew Point: 2 to 4°C
Pressure Drop: 0.2 Bar.

Ports, Fittings& accessories: The system shall be complete with necessary filters and auto drain valve & moisture separator etc.

This air compressor will be comprised of:

- Tank Mounted Compressor with Motor & Starter(415 volt motor).
- Air and oil filter.
- Auto cut off

16. Double Head Vacuum Packing Machine for Paneer &Peda:

Quantity: 1 No.

This is used for packing of pre-filled pouches of various products in a wide range of consumer packs with first creating vacuum inside the pouch to pack pouches. Sealing Length((mm) 400 mm

Phase | Single Phase/Three phase
Automation Grade | Automatic.

Sealing Length 10 inch

Sealing jaw: There shall be arrangement of double seal bar of length 830 mm. There shall be seal pressure arrangement pneumatic operated sealing jaws and diaphragm block valve.

Chamber Size (LXBXH) mm 440x420x75mm

Voltage 220V/415 V AC

Power 1.5 kW

Weight(Kg) 150Kg

Frequency 50 Hz

Power source Electric

Sealing Speed 1-4times/min.

17. Air Compressor for Stamping Machine:

Capacity : 6 kg/cm²

Quantity : 1Set

This air compressor will be comprised of:

- Tank Mounted Compressor with Motor & Starter.(415 volt motor)
- Air and oil filter
- Auto cut off controller.

18. Air Compressor with accessories:

Capacity : 60 cfm

Quantity : 1Set

This air compressor will be comprised of:

- Tank Mounted Compressor with Motor & Starter.(415 volt motor)
- Air and oil filter.
- Auto cut off controller.

19. Boiler (Steam Generated):

MAKE : ROSS/THERMAX/THERMODYNE/Similar (to be mentioned in Annexure-VI)

Capacity : 1 ton per hour (1000 kg/h)

Quantity : 1 No.

Type of fuel : Diesel

BOILERSPECIFICATION:

1. One Pressure part assembly consisting of closely wound helical/ vertical membrane coil fabricated out of high temperature resistant ERW tubes and flats.
2. One double jacketed air casing with an aluminum radiator to enclose the pressure parts and serve as an integral combustion air Pre-heater.

AUXILIARIES:

3. One pressure atomized, forced draft, down firing burner assembly suitable for LDO-HSD firing.
4. One Blower coupled with motor, mounted on bottom chassis, duly connected to the jacket
5. One Fuel pump coupled with motor, mounted on pumping module.
6. One water pump, with surgesuppressor and relief valve, mounted on pumping module.
7. One atmospheric economizer and heat optimizer to pre-heat feedwater.
8. One dust protected pre-wired control panel with necessary switch gear, power and control circuitry.
9. One Set of toolkit.

PIPING:

One feed water line between optimizer, economizer, feed pump and boiler.
One Fuel oil line between Fuel pump, Y-strainer, burner.

Mountings & Fittings:

One Set of isolating needle valves for indicating instruments.

A. Steam:

- One main steam stop valve.
- One auxiliary steam stop valve.
- One Single port spring loaded safety valve.

B. Water:

- One Y- Strainer
- One drain valve for economizer.
- One relief valve on feed water pump.
- One non-return valve on feed water line.
- One ball valve for coil blow-down.

C. Fuel:

- One strainer, "Y" type on fuel oil line.
- One main fuel filter.

Instruments, Controls & Safeties:

- One burner programmer with matching flame detector.
- One set audio-visual alarms for abnormal conditions.

A. Steam:

- One Steam pressure switches for burner On-Off control.
- One steam pressure gauge.
- One steam temperature indicator-cum-switch for high alarm.

B. Water:

- One low water level alarm switch on economizer.
- One blow-down valve limit switch.

C. Fuel:

- One Fuel Pressure indicator.

Feed Water Parameter:

Parameters:	Quantity
Appearance	Clear
Suspended matter ,oil, greases	Nil
Total hardness (as CaCO ₃)	Max.2 to 5 ppm.
PH	8.5 to 9.5
Oxygen, free CO ₂ , Free chlorine	Nil
Total alkalinity (as CaCO ₃)	140 mg/l
Caustic alkalinity (as CaCO ₃)	70 mg/l
Phosphates	70 mg/l
Total dissolved solids (TDS)	600 ppm

20. Ghee Filling & Sealing Machine:

Quantity : 1 no.

Necessary system for filling of ghee and sealing of containers.

21. ETP Section (Electro-Mechanical Parts):

Capacity : 30 kl/day

Quantity : 1 No.

Raw Effluent Parameters (at the Inlet of Inlet Channel & Screen Chamber) Treated Effluent

Characteristics-(Tentative):

Parameter	Value
Flow,m ³ /day	50
PH	5.0–11.0
BOD, mg/l	2500
COD, mg/l	4000
TSS, mg/l	1000
TDS ,mg/l	<2100
Temperature, °C	30–40
FOG, mg/l	50–100

Treated Effluent parameters after Tertiary Process shall be as indicatedfigure:

Parameter	Value
PH	7.0–8.5
BOD, mg/l	<30
COD, mg/l	<250
TSS, mg/l	<50
FOG, mg/l	<10
TDS, mg/l	<2100

(Above figure may vary depends upon quality of raw effluent)

22. R.O water Treatment & Water Softening Plant:

23.1 Water Softener:

Capacity : 2000 liter/h
Quantity : 1 No.

Multi grade sand filter:

One: FRP pressure vessel fitted with plastic internal fitting.

One: Set of plastic frontal piping, linking multi-port valve plastic ball valve to FRP vessel.

One: One complete charges of suitable filter media with supporting under bed media.

One: Pressure gauge.

Activated Carbon Filter:

One: FRP pressure vessel fitted with plastic internal fitting.

One: Set of plastic frontal piping, linking multi- port valve plastic ball valve to FRP vessel.

One: One complete charges of suitable filter media with supporting under bed media.

One: Pressure gauge.

23.2 RO Plant:

Capacity : 1000 liter/h.
Quantity : 1 No.

23.3 RO Water storage Tank:

Capacity : 5000 liter
Quantity : 1 No.

23.4 RO Water Transfer Pump:

Capacity : 500 liter/h
Quantity : 1 No.

23. Erection and commissioning of the plant: 1Lot

Necessary pipelines (SS/MS/GI) along with all fittings (2 way and 3 way valve, insulated with electrical cable and panel) to be installed in the plant for successful running.

24. Packing, Transport and Insurance: 1Lot

**26- LABOTAORY
EQUIPMENTS(CHEMICAL&MICROBIOLOGICAL)**

Sl. No.	ITEM DESCRIPTION	QTY
1	Auto Clave, 18*24 mm(95 Ltr) vertical type, Size: 18*24, all SS with presure gauge septi valve Steam release cock, Digital temp indicator cum controler with pressure control switch, central locking, Make : Reputed	1
2	Double Distillation unit, Cap:1.5ltr/Hr, make: Reputed .	1
3	Gerber Centrifuge , 8test with timer ,break , speed indicator, Make: Reputed	1
4	Water bath for NDRT all SS 304 Grade with PID temp controler, with motorized stirrer celulogicaltype , temp ambient to 100deg C ,Size : 15"*11"*8", Make : Reputed	1
5	Water bath 6 whole all SS 304 Grade PID temp indicator cum controler temp range ambient to 100 deg C ,Make : Reputed	1
6	Hot Air Oven Size: 24"*24"*24", Circulating fan for uniform temp inside the chamber , inner body made pf SS 304 grade , outer body made of M.S powder coared with PID temp indicator cum controller , temp range ambient to 250 Deg C , with +1/-1 degree Accuracy , double wall high class wool insulation to resist heat loss , high class rubber gasket on door to stop heat loss, with J type sensor , Make: Reputed	1
7	Hot Air Oven Size: 24"*24"*24", Circulating fan for uniform temp inside the chamber , inner body made pf SS 304 grade , outer body made of M.S powder coared with PID temp indicator cum controller , temp range ambient to 250 Deg C , with +1/-1 degree Accuracy , double wall high class wool insulation to resist heat loss , high class rubber gasket on door to stop heat loss, with J type sensor , Make: Reputed	1
8	Hot Plate with top body SS 304, Range _ 50-300 deg C , ss top plate,thermostat	1
9	Incubator Size 15"*15"*18" digital temp indicator cum controller, Temp range ambient to 100 deg C, inner chamber SS, outer body M. S powder Coated ,Make : Reputed	1
10	B.O.D incubator : Size 6 cft , inner body made of S.S 304 grade, outer body made of M.S powder coated temp range 5 degC to 60 deg C ,accuarcy +/-1 deg C throught out the chamber , double wall glass wollchamber , with 8mm inner acrylic door. Make: Reputed	2
11	Sodium PotasssiumAnalyserthemo fisher scientific	1
12	Ph Meter, Bench top PH meter, Range 1-14 with temp probe, Make Reputed	1
13	Refractormeter, Digital ,Make: Reputed	1
14	Remi Centrifuge , Swing bowl head 50ml rotor tube capacity	1

15	Analytical weighing balance 220g, Max cap: 220g, Readability 0.0001g , Make: Reputed,	1
16	Laminar Air Flow size working size 2ft*2ft*3ft with all SS,1 no hepa filter with digitally controll UV lamp and illumination , Make: Reputed	1
17	TDS meter table top , Make: Labtronics	1
18	Remi Stirrer with hotplate,	1
19	Induction	1
20	Automatic Measure (Tilt) 10ml, Reputed	6
21	Autimatic Measure (Tilt) 1 ml , Reputed	6
22	Bottle Brush, Nylon	6
23	Burner, AI	2
24	Butter Butyrometer 0-100% Fat, Reputed	3
25	Butyrometer Brush, Nylon	6
26	Butyrometer Stand PVC	3
27	Conical Flask 50ml, , Reputed	2
28	Conical Flask 100ml, , Reputed	2
29	Conical Flask 250ml, , Reputed	2
30	Conical Flask 500ml, , Reputed	2
31	Conical Flask 1000ml, , Reputed	1
32	Digital Thermometer	1
33	Filter Paper	1
34	Glass Beaker 50ml, , Reputed	2
35	Glass Beaker 100ml , Reputed	2
36	Glass Beaker 250ml , Reputed	2
37	Glass Beaker 500ml , Reputed	2
38	Glass rod	1
39	Lactometer ISI star 25-35,	
40	Lactometer jar PVC /AI	1
41	Lactometer Tary PVC	1
42	Lock Stopper Brass Cap, Reputed	6
43	Lock Stopper Brass Key Aluminium	2
44	MBR tube cork, Rubber	24

45	Measuring Cylinder 10ml , Reputed	2
46	Measuring Cylinder 25ml , Reputed	2
47	Measuring Cylinder 50ml Reputed	2
48	Measuring Cylinder 100ml Reputed	2
49	Measuring Cylinder 250ml Reputed	2
50	Measuring Cylinder 500ml, Reputed	2
51	Measuring Cylinder 1000ml , Reputed	1
52	Measuring Jug/Jar PVC 1000ml Reputed	2
53	Mico Pipette 0.1ml ,Reputed	1
54	Milk Butyrometer 0-10% Fat, Reputed	10
55	Milk Pipette 10.75ml Reputed	10
56	Petri Dish - Glass , Reputed	10
57	Petri Dish PVC 100mm Reputed	10
58	Pipette 1ml , Reputed	5
59	Pipette 1.1ml , Reputed	5
60	Pipette 2.0ml, Reputed	5
61	Pipette 2.2ml , Reputed	5
62	Pipette 5.0ml , Reputed	5
63	Pipette 10.0ml , Reputed	5
64	Pipette Brush	5
65	Pipette Stand Horizontal, Reputed	2
66	Pipette Stand Vertical Reputed	2
67	PVC Beaker 100ml Reputed	2
68	PVC Beaker 250ml Reputed	2
69	PVC Beaker 500ml Reputed	2
70	Reagent Bottle 500ml Reputed	4
71	Reagent Bottle 1000ml , Reputed	4
72	Reagent Bottle 125ml , Reputed	4
73	Reagent Bottle Amber Colour 1000ml , Reputed	2
74	Raegent Bottle Amber Colur 500ml Reputed	2
75	Sample Bottle Brush	10

76	Sample Bottle PVC	12
77	Spatulla round mouth	4
78	Spirit Lamp	1
79	Test Tube 15*125mm, , Reputed	10
80	Test Tube 15*150mm, , Reputed	10
81	Test Tube Brush, Nylon	10
82	Test Tube Stand Vertical 15*18, Reputed	2
83	Ts Box Aluminium	6
84	Ts Dish- Aluminium, poreclain , Silica, SS, Nickle	10
85	Wash Bottle LDPE 500ml, Reputed	1
86	Whatman Filter Paper No. 42, 12.5ml	1
87	Wide mouth Bottle 500ml, , Reputed	2
88	Wide mouth Bottle 1000ml, , Reputed	2
89	WMP Butyrometer 20-40% Fat , Reputed	2
90	Funnel 25mm , Reputed	2
91	Funnel 50mm Reputed	2
92	Funnel 75mm , Reputed	2
93	Funnel 100mm , Reputed	2
94	Absorbent Cotton	2
95	Adhesive Gum	1
96	Aluminium foil wrap	1
97	Duster Cloth	6
98	Glass Marker Pencil	3
99	Hand Gloves	6
100	Measuring Scale	1
101	Non absorbent Cotton	6
102	Rubber Gloves	6
103	Tissue Paper	2
104	Tongs	1
105	Glacial Acetic Acid 100%, Cap: 500ml, Reputed	1
106	Sodium Hydroxide Pallet, Cap: 500g, Reputed	1

107	Absolute Ethanol (99.9%), Cap: 500ml, Reputed	4
108	Ammonium Hydroxide solution (28%), Cap: 500ml, Reputed	1
109	Ammonium Hepatamolybdate, Cap: 100ml, Reputed	1
110	Anhydrous Sodium Sulphate, Cap: 500g, Reputed	1
111	Cane Sugar , Dextrose Anhydrous, Cap: 500g, Reputed	1
112	Conc. Hcl, Cap: 500ml, Reputed	1
113	Conc.Nitric Acid, Cap: 500ml, Reputed	1
114	Concentrated sulphuric Acid, cap: 5ltr, Reputed	1
115	Concentrated Ammonia Soluton (sp gr .88), cap: 500ml , Reputed	1
116	Ferric Chloride , cap: 500g , Reputed	1
117	Formaldehyde 500ml , Reputed	1
118	Glycerol (98% w/w) AR, 500ml	2
119	Hydrogen Peroxide solution 50% , cap: 500ml, Reputed	1
120	Silver Nitrate 25g, Reputed	1
121	N/10 Sodium Hydroxide Solution 500ml, Reputed	6
122	Oxalic Acid Crystals (Dihydrate) 500g, Reputed	1
123	Paraphenylene diamine 250g , Reputed	1
124	Phenolphthalein Indicator 125ml , Reputed	3
125	PottassiumdiChromate GR 500gm, Reputed	3
126	Pottassium Iodide Crystals 500gm , Reputed	1
127	Pottassium Oxalate 500gm, Reputed	3
128	Pottassium Permanganate 500gm, Reputed	1
129	Resorcinol Powder, Reputed	1
130	Rosalic Acid Powder 25g,Reputed	1
131	Silica (dry) gel self indi coarse 500gm	1
132	Sodium Bicarbonate 500gm, Reputed	1
133	Sodium Carbonate Anhydrous 500gm, Reputed	1
134	Sodium Chloride (AR) 500gm, Reputed	1
135	Sodium Dichromate dihydrate 500gm, Reputed	1
136	Sucrose (pure and Anhydrous), 500gm,Reputed	1
137	Mecuric Chloride 50g, Reputed	1

138	Starch 500gm, Reputed	1
139	Potassium Chromate 500gm, Reputed	1
140	Sodium Citarte 500gm, Reputed	1
141	Dipotassium hydrogen phosphate 500gm, Reputed	1
142	Saturated Boarx 500gm, Reputed	1
143	Methylene blue tablets for milk testing 50gm, Make: Reputed	1
144	EDTA (N/50) solution 500ml , Reputed	1
145	Silicon Antifoaming agent 100ml, Reputed	1
146	Iso Amyl Alcohol 500ml, Reputed	4
147	EithyalAlcohol 500ml, Reputed	4
148	Automatic Measure (Tilt) 10ml, Reputed	4
149	Autimatic Measure (Tilt) 1 ml , Reputed	4
150	Bottle Brush, Nylon	4
151	Burner, AI	2
152	Butter Butyrometer 0-100% Fat, Reputed	2
153	Butyrometer Brush, Nylon	2
154	Butyrometer Stand PVC	3
155	Desktop, UPS & Printer with Scanner	1

**APPLICATION FORMAT
(FORM – I)**

(To be furnished in the Company's Official Letter Head Pad with full Address with Contact No., Telephone No., FAX No., e-mail address, Website etc.)

To
The Managing Director
Ichhamati Co-operative Milk Producers' Union Ltd.
Hatipukur Road, Barasat, North 24 Parganas

Sub: NIT for Installation and commissioning of Dairy Plant Equipment along with necessary pipelines etc at the milk processing unit of Berachampa Plant at Deganga, in West Bengal.

Ref. no. IMUL/e TENDER /92/25-26 / 42

Date: 16.01.2026

Dear Sir,

With reference to your NIT under reference, I am/we are furnishing my/our rates tendered for as per your specification, terms & conditions.

Should this tender be accepted, the work shall be completed within stipulated period from the date of work order.

I/We further declare that I/we have inspected the site and are fully conversant with all aspects of the site and appraised the condition of the site in regards to the execution of this contract.

I / We understand that: -

- a) Tender Inviting and Accepting Authority can amend the scope & value of the contract bid under this NIT.
- b) Tender Inviting and Accepting Authority reserve the right to reject any tender without assigning any reason.

I/We also agree that the decision of the Managing Director, *Ichhamati Co-operative Milk Producers' Union Ltd. (TIA) Ltd.* in all matters in respect of this tender will be final & binding on me.

Yours faithfully,

Date:

Signature & office seal:

Name of the Firm:

Address with PIN:

(FORM – I, PART-A)
A. STRUCTURE AND ORGANISATION

A..1. Name of applicant :: _____

A. 2. Office Address :: _____

Telephone
No. :: _____

e-Mail ID. :: _____

A.3. Name & address of Bankers :: _____

A.4. Attach an organization chart showing the structure of the company with names of Key personnel and technical staff with Bio-data

Separate Sheet of the same must be uploaded.

Note: Application covers Proprietary Firm, Partnership, Limited Company or Corporation,

Date :

Signature of applicant
including title and capacity in which application is made

DECLARATION BY THE TENDERER
(FORM-II)

(Mandatory to be uploaded in e-NIT)

Name of the Job : Installation and commissioning of Dairy Plant Equipment along with necessary pipelines etc at the milk processing unit of Berachampa Plant at Deganga, in West Bengal

NIT No. : Ref. no. IMUL/e TENDER /92/25-26 / 42

Date: 16.01.2026

(To be uploaded under Company letter head with full address, phone no., mail id etc., duly signed & sealed)

I/We have inspected the site of work and have made myself/ourselves fully acquainted with local conditions in and around the site of work. I/We have carefully gone through the Notice Inviting e-Tender and other tender documents mentioned therein along with the scope of work as describe in Site Visit as well as during Prebid meeting . I/We have also carefully gone through the 'Priced schedule of Probable Items and Quantities'.

I/We must have a licensed electrical contractor with having supervisor SCC relevant parts, readily present at work site during the execution of electrical works and down arrangement in time for all equipment's' related to move / Lift the machineries including different types of heavy equipment commonly used in the construction (Installation Works) after accepting the Award of Contract (AOC)

My/Our tender is offered taking due consideration of all factors regarding the local site conditions stated in this Detailed Notice Inviting e-Tender to complete the proposed construction as per drawings referred to above in all respects.

I/We promise to abide by all the stipulations of the contract documents and to carry out and complete the work in due time as mentioned in Award of Contract to the full satisfaction of the Engineer-In-Charge, Otherwise necessary Clauses as per rules will be imposed on me/us .

I/We also agree to procure tools and plants, at my/our own cost required for the work.

Signature & Seal of the Bidder

with Date

.....
Signature of the Officer In-Charge / Representative of TIA present during Site Visit

(FORM – III)
FINANCIAL STATEMENT

Certificate from Chartered Firm

(To be furnished in the Chartered Firm Official Letter Head Pad with full Address with Contact No., Telephone No., FAX No., e-mail address, Website etc.)

This is to certify that I/We have examined the audited Balance Sheet & P/L accounts and other records of M/S having its official address at It is also certified that Annual Turnover of the firm for the Financial years 2022-2023 & 2023-2024, 2024-2025 are Rs.....lakh.,Rs.....lakh. Rs.....lakh.,respectively (as per P/L accounts & Balance Sheet of the firm submitted)

Signature of the Chartered Firm with Registration No

Countersigned

Signature of the authorized signatory (bidder)

Affidavit Proforma
(On Non Judicial Paper worth Rs. 100/-)
(FORM – IV)

(Sworn before the Notary Public / Judicial Magistrate/Executive Magistrate on or after the date of publication of the Quotation Notice)

I, Sri/Smt. the Managing Director/Proprietor (etc.) of the Firm. (Name of the firm)

At (address).....

P.O... ..

P.S.....Dist.....

do hereby solemnly affirm and declare as follows:

1. That I have not ever been convicted of any offence making myself liable to be disqualified for any work of Govt. or Govt. undertaking Organization /Institution in the State of West Bengal or other State or States.
2. That no case is pending against me or against my firm in any criminal court of law in the State of West Bengal or other State or States .
3. That my firm is not debarred/blacklisted as a whole or part thereof at present by any Govt. or Govt. undertaking Organization / Institution in the State of West Bengal or other State or States of India.
4. That, I also declare that if any information subsequently found incorrect or false will it automatically render the quotation submitted by me cancelled and make me liable for penal/legal action as per law of the country.
5. That I do further affirm that the statements made by me in this quotation are true to the best of my knowledge and belief and all the documents attached are genuine & correct.
6. That I promise to abide by all the stipulations of the contract documents and to carry out and complete the work in due time as mentioned in Award of Contract to the full satisfaction of the Engineer-In-Charge, ***Otherwise necessary Clauses as per rules will be imposed on me/us***

Signature of the Deponent(s).
Name in Block letters :
Designation :

(FORM-V)

(To be furnished in the Official Letter Head of Firm/Bidder with full Address with Contact No., Telephone No., FAX No., e-mail address, Website etc.)

WORKING (CREDENTIAL)/ BID ACCEPTING DETAIL
(Mandatory)

1. Name of Applicant:

2. List of similar type of work completed / ongoing:

Description of Work	Place & State	Contract No & date	Name of Address of employer	Value of contract (Rs. In Lakh)	Stipulated period of completion	Value of works remaining to be completed (Rs. Lakhs)*	Anticipated date of Completion
1	2	3	4	5	6	7	8

N.B :Suppression of any fact regarding work-in-hand will be liable for non-responsive of bid

Note :Copy of Work Order or Completion Certificate from the employer to be attached.

Signature of applicant including title and capacity in which applicant is made

CHECK LIST (FORM – VII)

Information about Bidders under Company Letter-Head (To be uploaded with the Technical Bid)

Sl.	Description	Particulars
1	Name of the Firm	
2	Registered Address with PIN, Phone No, Fax No. E-mail address etc. Sole owner or Partnership Firm/Company	
3	Name of the Person authorized to enter into & execute contractual agreement	
4	Earnest Money Transaction slip, whether uploaded, if not, Exemption Certificate to be uploaded	
5	Application Form as per FORM-I whether uploaded.	
6	Self-declaration as per FORM-II whether uploaded.	
7	Original PAN Card whether uploaded.	
8	Original Prof. Tax Clearance Cert./Paid Challan (valid up to 31/03/2026) whether uploaded	
9	Original GST registration Certificate whether uploaded.	
10	IT returns of 2023 – 2024 Financial year whether uploaded.	
11	Trade License / Certificate of Incorporation valid up to 31/03/2026 whether uploaded	
12	Credential of similar nature of work whether uploaded.(FORM-V)	
13	AUTHORIZATION / OEM / Declaration OFMAKE (ANNEXURE-VI) whether uploaded.	
14	Certificate from Chartered Firm in the official pad whether uploaded. (The agency / company should have minimum annual turnover of Rs. 4.0Crore) (FORM-III)	
15	Audited balance sheet for the last 3 years whether uploaded.	
16	The Bidder shall not be under a Declaration of Ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government Agency whether uploaded. (FORM-IV)	

Signature & Seal of the Bidder with Date

(BANK GUARANTEE SAMPLE FORMAT)

To
The Managing Director
Ichhamati Co-operative Milk Producers' Union Ltd.
Hatipukur Road, Barasat, North 24 Parganas

Sub:Installation and commissioning of Dairy Plant Equipment along with necessary pipelines etc at the milk processing unit of Berachampa Plant at Deganga, in West Bengal.

Ref. no. IMUL/e TENDER /92/25-26 / 42

Date: 16.01.2026

At request of our Client _____ having its Registered Office at _____ (hereinafter called the supplier) who has accepted the tender, for "e -Tender on Installation and commissioning of Dairy Plant Equipment along with necessary pipelines etc at the milk processing unit of Berachampa Plant at Deganga, in West Bengal with reference to the Offer letter (Memo No.: _____ ; Dated: _____). The supplier has requested us for a performance guarantee of Rs. _____ (Rupees _____) only (Including Tax, Insurance and Packing).

We _____ **BANK** having its branch office _____ situated at _____, hereby agree as follows:

In the event of the supplier failing to perform their obligations under the contract for any reason what-so-ever we shall pay without any demur a sum of Rs. _____ only. Your receipts for the sum claimed accompanied by your statement that the contractor failed comply with contract terms notwithstanding any contestations by the supplier or any other party.

Unless a demand or claim is made in writing by you to us under this guarantee and reaches us on or before due date, all our obligations hereunder shall cease and we shall not entertain any claim after the due date _____.

In issuance of said Bank Guarantee our guarantee is unconditional and valid in your favor until _____ including the mailing period. We indemnify you against any loss or damage whatsoever and the same will be remitted as per your advices.

Notwithstanding anything contained hereinabove, our liability under this guarantee is restricted to _____ and will remain in full force up to _____. All your rights under the said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities hereunder unless a written claim for payment under this guarantee is lodged on us within zero months from the date of expiry of the guarantee i.e. on or before _____, irrespective of whether or not the original guarantee is returned to us.

Notwithstanding anything contained under the said BG

1. Our liability under this Bank Guarantee shall not exceed Rs. _____ (Rupees _____) only.
2. This Bank Guarantee shall be valid up to _____ 2027.
3. We are liable to pay to guarantee amount or part thereof under this Bank Guarantee only if you serve upon us a written claim or demand on or before _____, 2027.

Place: _____

Date: _____

PROFORMA FOR AGREEMENT OF CONTRACTUAL CONTRACT

Agreement for [as per
specification mentioned in N.I.e-T. Ref. No.....& Tender ID No.

This Agreement is signed and executed on this day of....., 2026 At Barasat .

BY AND BETWEEN

Ichhamati Co-operative Milk Producers' Union Ltd., having its registered office at *Hatipukur Road, Barasat, North 24 Parganas* represented by its Managing Director unless his rights and obligation relating to the objects and purports of these presents are delegated, to any other officer(s) of WBLDCL hereinafter referred to as the **First Party** (which expression shall, unless excluded by or repugnant to the context, means and includes his successors, representatives, permitted assignees, liquidators and administrators) of the **ONE PART.**

A N D

....., a company registered under the Company's Act/a partnership firm/Proprietorship Firm (delete whichever is not applicable) having its Registered Office at represented by its unless his rights and obligation relating to the objects and purports of these presents are delegated, to any other officer(s) of..... hereinafter referred to as the **Second Party** (which expression shall, unless excluded by or repugnant to the context, means and includes his successors, representatives, permitted assignees, liquidators and administrators) of the **OTHER PART.**

WHEREAS the **First Party** is desirous that the work of "e -Tender on

....."wanted to execute the said work and for the purpose floated open Tender on line.

A N D

WHEREAS the **Second Party** offered his price against the said Tender and being eligible, his Tender having been accepted agreed to execute and complete the said work as detailed in the tender document along with bill of quantities and all other conditions.

Now, therefore, this agreement witnessed as follows:-

That the word and expression shall have same meanings as are respectively assigned to them in the general condition of the contract hereinafter referred to.

That the **Second Party** shall abide by all statutory obligations and payment statutory dues as are obligatory on the part of the **Second Party** and that any failure on his part if attracts any liability on the **First Party** the **Second Party** will, on intimation from the **First Party**, immediately compensate the same.

If any dispute or question arises any time between the parties about the rights and liabilities of each of them relating to the terms and conditions stated hereinabove shall unless and otherwise mutually resolved between the parties, the aggrieved party may refer the matter to the sole Arbitrator as may be appointed by the Govt. of West Bengal, ARD Department on reference from either Party for arbitration and the decision of the Arbitrator shall be final and binding on both the parties.

In witnesseth whereof:

The parties have set and subscribed their hands on this Agreement on the day, month and year first written.

Contractor
Seal

Managing Director, IMU
Seal

Witness and address: –

1.

2.

Witness and address: –

1.

2.

Annexure-I(For QCCBS Evaluation)
(to be uploaded in Letter Head)

List of Technical Man Power exist with their appointment letter and pass certificate as per requirement :-

Sl No.	Name of the Technical Staff	Qualification	Reference uploaded documents searching index			
			Appointment Letters		Pass Certificate	
			Document Name	Page No	Document Name	Page No
1.						
2.						
3.						
4.						

Annexure-II(For QCCBS Evaluation)

Organization Chart / Tree (Mandatory) : as per requirement for scoring method (as per Scoring Method)

Signature of Bidder with seal

Annexure-III (For QCCBS Evaluation)

List of Key Clients Govt./ Semi Govt./ Private :-

Sl No.	Name of the Clients	Type of client	Year	Remarks
1.				
2.				
3.				
4.				

Annexure-III(For QCCBS Evaluation)

Experience regarding similar nature of works(Dairy Plant Development like wise) :-

Sl No.	Tender ID	Specify Nature of Work	Billing Amount (Rs.)	Reference uploaded documents searching index	
				Document Name	Page No
1.					
2.					
3.					
4.					

Annexure-V (For QCCBS Evaluation)

List of last 3 Years Credentials (To be Highlighted the Highest Value of similar works only) :-

Sl No.	Tender ID	Year of completion	Billing Amount (Rs.)	Reference uploaded documents searching index	
				Document Name	Page No
1.					
2.					
Summation of last 3 Years Credentials					

Signature of Bidder with seal

APPROVED FORMAT FOR BANK GUARANTEE FOR ADVANCE PAYMENT

To

_____ [name of Employer]
_____ [address of Employer]
_____ [name of Contractor]

Gentlemen :

In accordance with the provisions of the Conditions of Contract, ("Advance payment") of the above-mentioned Contract, _____ [name and address of Contractor] (hereinafter called "the Contractor") shall deposit with _____ [name of Employer] a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of _____ [amount of Guarantee]* _____ [in words].

We, the _____ [bank of financial institution], as instructed by the Contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to _____ [name of Employer] on his first demand without whatsoever right of obligation on our part and without his first claim to the Contractor, in the amount not exceeding _____ [amount of guarantee]* _____ [in words].

We further agree that no change or addition to or other modification of the terms of the Contractor or Works to be performed there under or any of the Contract documents which may be made between _____ [name of Employer] and the Contractor, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ [name of Employer] receives full repayment of the same amount from the Contractor.

Yours truly,

Signature and Seal : _____
Name of Bank /Financial Institution _____
Address : _____
Date : _____

* *An amount shall be inserted by the Bank or Financial Institution representing the amount of the Advance Payment, and denominated in Indian Rupees.*

