# UTTARAKHAND CO-OPERATIVE DAIRY FEDERATION LTD, MANGAL PARAO,HALDWANI(NAINITAL)

PH. NO. 05946-255867,255358. FAX NO. 05946-252050 Tender Notice No.: 26(1-12) /UCDF/2024-25, Date-09.01.2025



#### **Tender Document**

S. N.	Name of work	Tentative cost (Rs.)	EMD (Rs.)	Tender fee (Rs.)	Tender Rate validity	Work period
1	E T P Repairing /Upgradation workat Champawat DUSS Joop Patwa Champawat		54000.00	1770.00	75 days	120 Days
2	E T P Repairing /Upgradation workat Dehradun DUSS Raipur Road Dehradun	Rs 25.00 Lakhs	75000.00	2360.00	75 days	120 days

### Tender Document for :Machinery works-UttarakhandCo-operative Dairy Federation Ltd., Haldwani



### E-Tender Notice No.: 26(1-12) /UCDF/2024-25, Date-09.01.2025

Following E- tenders & Offline tenders are invited by the undersigned, from experienced, reputed and financially sound Manufacturers/Firms/Authorized Dealers for the following works so as to reach this office on or before 24.01.2025 up to 5.00 PM, which will be opened on 25.01.2025 at 11.00 AM.

S.N	Name of work		
A.	SIT&C of Milk Chiller, Cream Pasteurizer, Triple jacketed Cream Storage tank, Crate conveyor,		
1.	S.S. pipe line/ Valves & fittings/CIP pump, Electric panel & cables at DehradunDairy Plant		
2.	SIT&C of Ghee Boiler & Multi Purpose Milk Pasteurizer at Khatima dairy plant		
3.	SIT &C of AMCU at Various DUSS of Uttrakhand		
4.	S I T& C of Electronic Milk Adultration Testing Machine Ultrasonic/Hybrid/Ultrasonic with Ion Detection and FTIR		
В.	Offline Tender:-		
1	Renovation & Upgradation of ETP Champawat DUSS		
2	Renovation & Upgradation of ETP Dehradun DUSS		

On line tender -E-Tender documents may be seen and downloaded/uploaded from E-tender portal <a href="http://www.uktenders.gov.in">http://www.uktenders.gov.in</a> & offline tender may be seen and downloaded from our website www.ucdfaanchal.org

#### **Managing Director**

#### निविदा की शर्ते:-

- 1—उपरोक्त कार्य हेतु निविदा प्रपत्र दिनॉक 11.01.2025 से दिनॉक 24.01..2025तक कार्य दिवसों में प्रातः 10.00 बजे से 4.00 तक इस कार्यालय में निविदा प्रपत्र का मूल्य नकद धनराशि / डी०डी० जमाकर प्राप्त किया जा सकता हैं।
- 2—टेण्डर प्रपत्र का मूल्य कमांक 01 रु० 1770.00 व्यापार कर सिहत एवं कमांक 02 के लिए रु० 2360.00 व्यापार कर सिहत हैं।प्रत्येक कार्य हेतु अलग—अलग टेण्डर प्रपत्र क्रय किये जाने आवश्यक हैं।टेण्डर प्रपत्र डाक से मगाने पर रु० 100.00 मात्र व्यय अलग से देय होगा। निविदा प्रपत्र बेवसाइटwww.ucdfaanchal.org, से भी डाउनलोड किया जा सकता है।वैबसाइट से टेन्डर डाउनलोड करन पर टेन्डर मूल्य अलग से जमा करना होगा। टेन्डर मूल्य जमा किये बिना निविदा स्वीकार नहीं की जायेगी।
- 3—निविदा में दी गयी दरें ''फर्म'' होनी चाहिए तथा उनमें कोई अन्तर किया जाना / निगोशिएशन अनुमन्य नहीं होगा।
- 4— यू0सी0डी0एफ0 बिना कारण बताये एक या सभी टेण्डर निरस्त कर सकता हैं।
- 5—टेण्डर की अन्य शर्ते यू०सी०डी०एफ० लि०, मंगलपड़ाव, हल्द्वानी कार्यालय से प्राप्त की जा सकती हैं।

(Signed)

प्रबन्ध निदेशक

उत्तराखण्ड सहकारी डेरी फैडरशन लि0 हल्द्रानी

# OFFICE OF THE UTTARAKHAND CO-OPERATIVE DAIRY FEDERATION Ltd., Mangal Parao, Haldwani, Nainital

**Tender Schedule/Tender** 

: Copy to submit with all pages to the UCDF office.

**Comprehensive BID For** 

S.N	Name of work	Tentative cost (Rs.)	EMD (Rs.)	Tender fee (Rs.)	Tender Rate validity	Work period
1	E T P Repairing /Upgradation workat Champawat DUSS Joop Patwa Champawat	Rs. 18.00 Lakhs	54000. 00	1770.00	75 days	120 Days
2	E T P Repairing /Upgradation workat Dehradun DUSS Raipur Road Dehradun	Rs 25.00 Lakhs	75000. 00	2360.00	75 days	120 days

#### **Tender Schedule:**

1	Tender Notice no.	26(1-12)/UCDF//2024-25, Date 09.01.2025
2	Start of tender document sale from UCDF	11.01.2025, 10.00 AM
3	Last Date & Time for sale of Tender Bids	24.01.2025 up to 4.00 PM
4	Last Date & Time for Receipt of Tender Bids	24.01.2025 up to 5.00 PM
5	Time & Date of Opening of Tender- (a)Technical Bids	25.01.2025 at 11.00 AM
6	Time & Date of Opening of Tender- (a)Financial Bids	Will be notify after evaluated technical bid.
7	Place of Opening of Tender	OFFICE OF THE MANAGING DIRECTOR
	Bids	UTTARAKHAND CO-OPERATIVE DAIRY
	Dias	CITIMENTALLY CO OFFICIALLY E DIMEN
		FEDERATION Ltd., Mangal Parao, Haldwani, Nainital
8	Tender Sold to :	FEDERATION Ltd., Mangal Parao, Haldwani,

#### **Chapter- 1: General directions for Bidders**

#### **Documents Required in Technical bid-**

In Technical Bid, bidders scan copy of following documents at the time of bid submission on the successful completion of technical bid and become eligible for financial bid of tender.

The required documents shall be uploaded and arranged in the same order as mentioned below with the checklist being on the top of documents.

- 1- Registration Certificates of firm/manufacturer, In case of dealers/distributor Authorization letter from the original equipment manufacturer. Consortium of firms may also participate. In this case such letter/agreement should be uploaded.
- **2-** GST registration document.
- 3- PAN Card.
- 4- Earnest Money deposit DD/Deposit Receipt.
- 5- Tender document fee deposit DD/deposit Receipt
  - **6- Work Experience:** (Scanned Self attested Copy of Purchase orders & its satisfactory completion certificates). **Work/Purchase orders & satisfactory completion certificates** —The bidder, along with the manufacturer, should have executed works of same nature, mention in tender from the date of tender publishing, by the government/semi government/PSU/Autonomous bodies/co-operative dairies/Reputated Orgnisation/Reputated Private Dairy . In case of failure to upload these documents, bidder's technical bid will be considered as rejected.
- 7- Annual turnover: CA certificate with year wise declaration, for last 3 Year Annual turnover report, which should not be less than Rs. 50.00 Lakhs Annuallysince last 3 years. Balance sheet of previous 3 years may also be uploaded. Please don't uploadITR, it will not be considered.
- **8-** Tender Acceptance Letter (Annexure-A) should be filled, signed and stamped/certified properly.
- **9-** An affidavit regarding Non-blacklisting or otherwise as per ANNEXURE 'B' duly attested by the oath commissioner is required to be attached in support thereof.

#### **NOTE:** (Causes of rejection in the tender)

1. Short fall of any mandatory document form the above list could be Causes of rejection tender bid.

#### **Financial Bid:**

1. In Financial Bid, Bidder should quote rates, for all items on BOQ Excel File as per format, and submit offline. Quoted rates on BOQ file for each items should be inclusive of Base Unit Rate and all prevailing taxes and duties with FOR site.

### **Chapter- 2: Terms & conditions of the agreement**

#### UTTARAKHAND CO-OPERATIVE DAIRY FEDERATION Ltd.,

#### MangalParao, Haldwani, Nainital

#### (A) GENERAL TERMS & CONDITIONS

S.N.	Description			
1.0	The bidder should be a manufacture of quoted equipment. In case the bidder is not a manufacturer, he must be an authorized dealer for the quoted equipment and it will be necessary to upload a copy of valid authorization letter, issued by the original equipment manufacturer/fabricator, with the Technical Bid. Consortium of firms may also			
	participate. In this case such letter/agreement should be uploaded.			
2.0	ELIGIBILITY CRITERIA: For the purpose of this particulars contract bidder shall have to meet the following eligibility criteria as minimum. In case of failure to upload these documents tender may be rejected. These document are-  1. Registration: The bidder should be in such business (as required for the tendered work) at the time of bid opening in the same name and style.  (a) The Firm should have registered as a manufacturer or dealer at the time of bid opening in the same name and style. In case firm is a manufacturer upload the registration document ∈ case Dealer, upload dealership document.  Consortium of firms may also participate. In this case such letter/agreement should be			
	uploaded.  2- Work Experience: The Bidder, along with the manufacturer, should be experience enough to complete the work.mention in tender as specified item wise,of tendered jobs for Supply, Installation, Testing & Commissioning of the quoted equipment successfully preferably in the government/semi government/PSU/Autonomous bodies/co-operative dairies/Reputated Orgnisation/Reputated Private Dairy. The firm should submitted a copy of purchase orders issued by the purchasers and their respective completion/performance certificates along with the Technical Bid or as mentioned in the conditions for the particular item.  (3)Turn Over: The annual turnover of the firm should not be less than Rs. 50.00Lakhs annually since last 3 years.			
	(4)The bidder should not be <b>Black listed</b> by any Federation/organization/institution/government or semi government departments of states or GOI. Please submit Affidavit mentioning the same on Rs. 50.00 stamp paper.  (5) The Firm should have their regional office or service center in North India Region. Firms having their regional office or service center in Uttarakhand will be preferred for quick after sales services.			
2.2	The bidder should be registered under office of competent authority or under statuary bodies at the time of bid opening in the same name and style. In order to support this the bidder has to upload:-  Copy of the Registration Certificate issued by the Registration of firm in case of firms of proprietary nature.  Or  Copy of partnership deed in case of partnership firms.  Or  Copy of article of association in case of Pvt. Ltd. Companies.  Or  Copy of registration certificate for firms registered with NSIC/Central or State Govt.  Department / Local bodies for similar work.  Or			
	If the firm is a dealer of the equipment, please submit authorized Dealership letter for the current period. Consortium of firms may also participate. In this case such			

	letter/e are amount abound be unlessed a
2.2	letter/agreement should be uploaded.
2.3	Bidder's firm should be registered with GST. To support this bidder has to upload
	scanned copy of GST Registration Certificate duly renewed by the competent authority.
2.4	The bidder will post a supervisor at work site who is well qualified, trained and having
	sufficient experience on the job. The supervisor will be assisted by a team of skilled and
	semi skilled technicians. The team along with the supervisor must remain and work
	continuously on the site and report for the work on site within a week of the receipt of
	materials at site or the information regarding readiness of site by the DUSS, otherwise
	Federation will be at liberty to cancel the order, and assign the work to any other party at
	the cost and risk of the bidder.
2.6	The bidder may be allowed to work round the clock in the interest of work on written
	request.
3.0	The material must be dispatched within the given time after the receipt of work order in
	minimum number of lots.
4.0	The bidder will be responsible for timely payment of wages to his workmen latest by 7 <sup>th</sup>
100	of the following month. In case there is any delay, Federation would be at liberty to
	make payment of wages to these workmen on behalf of the bidder which will be
	adjusted form his bills. However this will be in no way reduce the responsibility of
	bidder for payment of wages as per the labor laws in the state to which the contractor
	will be solely responsible.
5.0	The bidder will submit fortnightly progress report in the prescribed Performa. The
2.0	measurement of work done would be jointly recorded by his supervisor and Federation
	site engineer and would be sent it along with the progress report.
6.0	The bidder shall give all necessary personal superintendence during the execution of the
0.0	work as long as Federation engineer may consider it necessary. Any directions,
	explanations, instructions or notice given by the Engineer-in- charge to the supervisor of
	the contractor shall be treated as there have been given to the bidder himself.
7.0	The Site engineer/Engineer in charge of the federation, with the approval of the
7.0	Managing Director, UCDF shall have power to make any alternations or addition to, or
	substitutions in the original specification and the contractor shall be bound carry out the
	work in accordance to the instructions which may be given to him in writing signed by
	the Site engineer/Engineer in charge.
8.0	If the bidder or its employee shall break, deface or injure or destroy any part of a
0.0	machine/building on which they are working or if any damage shall happen to the
	machine/building while the work is in progress, from any cause whatsoever, the bidder
	shall make the same good at his own expenses or in default, the Site engineer/Engineer
	in charge of the Federation, may get the same repaired at the cost of the bidder and
	deduct the expenses inured from his pending bills.
0.0	
9.0	The bidder shall be liable to the provisions of any acts, regulations may therein relating to the workman and the acts.
10.0	The bidder shall be responsible for all injury to persons or things and for all damages to
10.0	structural parts, of properties which may arises from the operations or neglect or him self
	or any of his sub-contractors employees. The bidder shall indemnify the federation and
	held them harmless in respect of all and any expenses arising from any such injury or
	damage to persons or property as foresaid and also in respect of any claim made in
	respect of injury or damage under any Acts of Government, or otherwise and also in
11 0	repeat of award of compensation of damage consequent upon such claim.
11.0	The bidder shall indemnify the management whether under the workman's
	compensation Act, or any other statute in force during the currency of the contract or
10.0	any common law in respect of any employee of the contractor or any sub-contractor.
12.0	The bidder may authorize in writing any employee of the bidder to exercise all or any of
	the powers vested in him under this contract with intimation to the management in

	writing.
13.0	The equipment repaired/supplied by the contractor should be guaranteed by him for
15.0	satisfactory performance for a period of 12 month from the date of repairs/supplies. You
	will undertake to repair/replace the defective parts-free of charge in case of
	defects/faulty operation during the guarantee period.
14.0	Bidder will submit the design and complete construction details with drawing or all
	equipments, etc, before undertaking their fabrication. Provision of future expansion
	would be kept in all electrical switch boards, control panels etc, you will also submit the
	layout of electrical cables, piping etc, to be laid in the plant.
15.0	In the event of awarding sub- contract to any of the parties by the bidder for the
	manufacture/supply/erection of any part/spares/components that will be used in the
	order equipment, the contractor mist furnish details about his sub-contractor their
	experience, specialization etc. The sub contract can be awarded by the contractor only
	after obtaining written approval by federation. In the event of sub-contract also, the
	prime fascia responsibility rests on the contractor regarding quality, quantity, guarantee
	and warranty of the materials supplied work done by the sub-contractor.
16.0	The federation may at any time, by notice in writing, summarily terminate the contract
	without compensation to the contractor is adjudge insolvent, in case of company is
	would up voluntarily by the order of court or a receiver or the contractor commits any
15.0	breach of contract herein specifically provided for.
17.0	<b>Force majeure clause:</b> The terms and conditions mutually agreed upon shall be subject to force majeure clause as noted as: "Neither the bidder nor the federation shall be
	considered in default in performance of its obligations hereunder, if such performance is
	prevented or delayed because of war, hostilities, revolution, civil commotion, strike,
	earthquake, epidemic, accident fire, wind, flood or because of any law, order
	proclamation, regulation or ordinance of any government or of any act. Of God or any
	other causes whether of similar or dissimilar nature, beyond the reasonable control of the
	party affected, should one or both the parties be prevented from fulfilling his, their
	contractual obligations by state of force Majeure lasting continuously for a period of six
	months the two parties should consult each other regarding the future implementation of
	contract.
18.0	All the Government orders, issued from time to time by the Uttarakahnd Government,
	will be binding on both the parties, ie. Bidder and federation.

Manager Director UCDF Ltd, Haldwani

## UTARAKHAND CO-OPERATIVE DAIRY FEDERATION Ltd., MangalParao, Haldwani, Nainital (B) SPECIAL TERMS AND CONDITIONS

S.N.	Description			
1.0	Work Experience: The bidder along with the manufacturer, should have executed			
	minimum 3 (three) in quantity, otherwise as specified item wise, in quantity of tendered			
	work, of the same nature & of equivalent amount in last 5 (five) years. Please upload			
•	purchase order and their work completion/performance certificate.			
2.0	For any work partly done, payment shall be made at proportionately reduced rate as per			
2.0	assessment of the engineer in-charge. <b>Price Escalation:</b> The prices are fixed and any price escalation in rate what - so-ever,			
3.0	shall not be demanded by you, except Govt. levies, which shall be permissible against			
	furnishing of documentary proof for the same by you. The bidder should take into			
	account all fluctuations of the market as no claim shall be entertained on this ground			
	during the acceptance of the tender and the currency of the contract.			
4.0	Basis of rate: The tendered rate shall be deemed for the complete item of work in all			
	respects and shall include all tools and plants, packing and forwarding, insurance,			
	freight, carriage of materials to site, stacking and removal charges of any rejected			
	materials, GST/ all prevailing taxes in force from time to time, iethe rates should be			
	FOR site inclusive of all.			
5.0	<b>Liquidated damages:</b> The work must be completely finished to the entire satisfaction			
	of the Site Engineer/Engineer-In-Charge UCDF, or his representative, within mentioned			
	time from the date of receipt of order failing for which penalty will be imposed at the			
	rate of 0.5% per week subject to a maximum of 10% of the total cost of work or part of			
	it (in case there are independent works). The date of commencement of work shall be such on which the date the purchase order is given to the bidder or it is mentioned in the			
	work order specifically. If there is any delay due to not availability of site by the DUSS			
	to the bidder, the bidder will not be responsible for such period of time. The availability			
	of work site/ arrangements by the DUSS required if any (necessary for completion of			
	work but not in the scope of contractor) will be provided by the DUSS on time as per			
	bidder's request.			
6.0	Arbitration: All disputes or differences, in respect of which the decision is not final			
	and conclusive, shall on the initiative of either party be referred to the arbitration order			
	of prevailing cooperative society Act to the Director Dairy VikasUttarakhand/Registrar			
	Dairy Co-operative Societies Uttarakhand.			
7.0	The original copy of EMD & Tender Fee, if not deposited online, are to be addressed to			
	" Uttarakhand Cooperative Dairy Federation Ltd, MangalParao, Haldwani (Nainital)"			
	and should be submitted in sealed cover with the name of the tender notice and name			
	of the work on the cover. The sealed cover should also bear the name and full address of the bidder. UCDF will not accept any excuse for non-receipt of EMD & Tender Fee, in			
	time, due to loss or delay in postal services.			
8.0	All the tenders should be Uploaded in two bid system i.e. Technical Bid and Financial			
0.0	Bid on tender portal.			
9.0	Incomplete, irrelevant or conditional tenders are liable to be rejected. Tenders not			
	submitted on proper forms i.e. BOQ form, will not be considered.			
10.0	<b>Agreement:</b> The successful bidder shall be required to enter into an agreement with the			
	Uttarakhand Cooperative Dairy Federation Ltd, MangalParao, Haldwani (Nainital), on			
	non-judicial stamp paper of Rs. 100.00 Value, for execution of the work for which the			

tender has been accepted.

In case of Partnership firms, the Agreement must be signed by the partners or by the person holding power of attorney on behalf of the firm. In the later case an attested copy of the power of attorney must be submitted to the UCDF. The partnership firms should enclose photocopy of the partnership deed and an attested copy of power of attorney for signing.

- **11.0 Earnest Money Deposit:** All bidders should deposit earnest money with the tender as per following details if not specified in tender notice.:
  - (a) For cost of work up to Rs. 25.00 Lakh @ 3%
  - (b) For cost of work above Rs. 25.00 Lakhs @ 2% (minimum 75000.00)

All tender bids should be accompanied by earnest money deposit either through NEFT/RTGS or in the form of a Demand Draft drawn on any Nationalized Indian Bank/Scheduled Bank/reputed private Indian bank or any first class Foreign bank operating in India, Term Deposit Receipt/ Fixed Deposit Receipt, Bankers Cheque issued by any Nationalized Indian Bank/Scheduled Bank/reputed private Indian bank or any first class Foreign bank operating in India in favor of Uttarakhand Cooperative Dairy Federation Ltd, MangalParao, Haldwani (Nainital) payable at Haldwani with the tender form. In general, the validity of EMD should be 90 days from the last date of validly of the tender, but the period may be extended as per requirements. All bidders may note that EMD submitted in the form of a cheque will not be considered. EMD may also be deposited in the form of cash with the account section of the UCDF and cash receipt should be attached with the tender. Any tender bid which is not accompanied with the Earnest Money Deposit will be summarily rejected and no exemption shall be granted to any of the bidders in this regard.

EMD of unsuccessful bidders would be returned within 120 clear days from the date of opening of the tender bids. However, no interest shall be paid on EMD for the period during which it lies with the UCDF. EMD of successful bidder will be kept as Work Completion Security for a period as mentioned in the Uttarakhand Procurement Rules 2017.

- **Rebate of Tender Fee & EMD:** The rebate or exemption of tender fee or EMD will be provided to the firms registered with Micro, Small & Medium Industries/Start-ups as per provisions of the Uttarakhand government order no: 1542/VII-3-19/143-industries/2003, dated- 20.08.2019 or any amendment issued by the Government of Uttarakhand only. Please attach a copy of the rule (issued by the government of Uttarakhand) under which such exemption is claimed as documentary proof.
- **Preference in Purchase Policy**: Preference in Purchase will be given to the bidders registered with Micro, Small & Medium Industries/Start-ups, Department of Industries Uttarakhand as per Uttarakhand government order no: 1542/VII-3-19/143-industries/2003, dated-20.08.2019.
- 14.0 16. Performance Security: (i) To ensure due performance of the contract, successful bidder shall be required to deposit and keep to be deposited with the UCDF a sum equivalent to 10% of total contract value as Performance Security. The performance security may be furnished in the form of account payee Demand Draft/ FDR/TDR/Bank Guarantee in an acceptable form safeguarding the organization's interest in all respects.

  (ii) Performance security should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the bidder, including guaranty obligations in the guaranty period, which is 1 (one) year from the date of successful trial & commissioning of the equipment.
  - (iii) EMD/Bid security should be refunded to the successful bidder on receipt of performance security.

	(IV) Performance Guaranty Period/Defect Liability Period: This period will be 1
	(one) year from the date of successful trial and commissioning of the equipment/plant.
	The bidder should be responsible for removal of any defects free of cost in this period.
	After this period, the bidder will be responsible for removal of defect on payment basis
	ie. After sales services will be provided by the bidder well in time. Or as mentioned in
	the special conditions for particular item.
	Work Security Deposit: The successful bidder shall be required to deposit and keep to
	be deposited with the UCDF a sum equivalent to 5% of total contract value as work
	security deposit within 15 days from the date of signing of the contract. The EMD
	deposited by the bidder will be adjusted in the security deposit. This security deposit
	shall be released to the contractor after supply of the Material as per specifications in
	good condition and its verification at the work site. However no interest shall be paid to
	the contractor on the security deposit. In case of any delay occurred, or in the event of
	cancelation of contract due to non-compliance with any terms & conditions of this
	contract by the contractor, the work security deposit is liable to be forfeited by UCDF.
	All work shall be executed strictly in accordance with the General Specifications of the
	equipments.
	The Uttarakhand Cooperative Dairy Federation Ltd, Mangal Parao, Haldwani shall not
	be responsible for supply of any material.
	When the tender is accepted, the contractor shall have to notify the names of two of his
	authorized representatives, of whom will have to be always available at the site of the
	work.
	For steam and water installations, the contractor will have to employ C.I.B.'s licensed
	persons if he is not a licensed repairer himself.
	Any claim during the periods of contract for extra items etc. will be submitted in writing
	within a week of such claim having arisen failing which the claim may not be entertained.
	All materials brought for use of the work shall have to get approved by the engineer in
	charge before actual use.
	Samples of all items of work to be executed will have to be got approved by the
	engineer in charge, before execution.
	The site will be cleared by the contractor of all surplus or waste material, dirt, debris
	etc. on completion of the work for which no extra payment will be made.
	The contractor will have to make his arrangements for tools and equipments for all
	works.
	The total value of the tender should be mentioned in the tender offer appended hereto
	which has to be submitted along with the tender.
	An attested copy of the latest trade tax registration, service tax registration should be
	enclosed with the tender.
	Charges for erection and commissioning should be indicated clearly & separately, if
	applicable.
28.0	Validity of Tender: The bidders are requested to keep their offer open for 75 (seventy
	five) days from the date of opening of the tenders. If any bidder withdraws his tender
	before the expiry of the said period, the UCDF may allow withdrawal but in such case
	the EMD deposit by the bidder may be forfeited. If the federation does not allow the
	withdrawal and accept the tender and the bidder fails to perform his part of the contract,
	the EMD deposited by the bidder shall be liable to be forfeited besides other
	consequences of breach of contract.

	materials, if applicable.			
30.0	If subsequent to the submission of the tender offer, the bidder alters or modifies			
	contents of his tender, which are not acceptable to the UCDF, the tender shall be			
	deemed to have been withdrawal by the bidder.			
31.0	Payment for supply, installation, testing and commissioning contract:			
	For AMCU:-			
	(i) 30% advance on acceptance of the order on signing of the agreement, against			
	submission of the Advance Bank Guarantee as per terms of the contract/ purchase order issued by any nationalized Indian bank/scheduled bank/reputed private Indian bank or first class foreign bank operating in India for 36% value of the contract/purchase order			
	value (30% advance payment and 20% interest on the advance amount), valid for a period of 3 months from the date of receiving the advance payment.			
	(ii) 50% payment of the contract/purchase order value after safe receipt of the good at site and material verification at site.			
	(iii) 10% payment of the contract/purchase order value on completion of the erection of the items.			
	(iv)10% balance payment on trial and commissioning of the plant against Performance Bank Guarantee (termed as Performance security) of 10% of the contract/purchase			
	order value, valid for a period of 12 months (Performance Guarantee Period) from the date of successful commissioning of the plant, issued by any nationalized Indian bank/Scheduled Bank/reputed private Indian bank or first class foreign bank operating			
	in India or Account payee Demand draft /FDR/TDR in favor of UCDF LTD Mangal parawHaldwani as per clause III(iv) otherwise final 10% payment will be held against PBG and will be released after defect liability period.			
	* If the site clearance is not given by the expiry date delivery-erection schedule as per			
	the contract/ purchase order, balance 25% payment may be made against a Bank			
	Guarantee of an equivalent amount issued by any nationalized Indian bank or first class			
	foreign bank operating in India valid for a period of 12 months.			
	II- For erection/service/overhaul component only:			
	(i) 30% advance on acceptance of the order on signing of the agreement, against submission of the Advance Bank Guarantee as per terms of the contract/ purchase order issued by any nationalized Indian bank/ Scheduled Bank/reputed private Indian bank or first class foreign bank operating in India for 12% value of the contract/purchase order			
	value (10% advance payment and 20% interest on the advance amount), valid for a period of 3 months from the date of receiving the advance payment.			
	(ii) 55% payment of the erection/service/overhaul of the equipment on group basis.			
	(iii) 15% balance payment on trial and commissioning of the plant.			
	III- For Supply Items only:			
	(i) 90% payment of the cost of the material will be paid to the party after safe receipt of			
	the materials in store at site and material verification.			
	(ii) 10% balance payment shall be made to the firm against submitting the performance			
	security/ security deposit which may be in the form of Performance Bank Guarantee of			
	10% of the contract/purchase order value, valid for a period of 12 months from the date			
	of supply of the material, issued by any nationalized Indian bank or first class foreign bank operating in India.			
32.0	Any statutory approval from the local government authority's viz. Chief Boiler			
34.0	Inspector, Electrical Inspector, Factory Inspector etc, shall be obtained by the			
	contractor. The biddershall have to attach with the tender certificates from competent			
	authorities of having similar works done, during previous years.			
33.0	Federation has the right to reject any or all the tenders without assigning any reason.			
34.0	The hidders are advised to see the site of work before tendering			

The bidders are advised to see the site of work before tendering.

34.0

	<b>Mode of payment:-</b> Payment for the work executed, in part or full, shall be made through Multi city cheques/RTGS/ DD by UCDF Ltd/DUSS for which bank charges will be borne by you. The bills should be issued in the name of "concerning DUSS Ltd", in A/C of U C D F, Ltd, Haldwani or as per instruction given in the Purchase Order.
35.0	General Membership: The successful bidder will have to deposit Rs. 100.00 as
	membership with the UCDF. This will be one time general membership fee. If any
	bidder has already deposited this amount once, he need not to deposit the money in
	future.
36.0	<b>Tender Fees:</b> The bidder will have to deposit the tender fees as mentioned in NIT.
37.0	<b>Technical Specification:</b> The technical specification of individual machine/equipment
	will be given in the NIT. Any other special conditions/eligibility criteria may also be
	mentioned in the Technical Specification for the particular machine/equipment. The
	successful bidder will have to follow the specifications.
38.0	Any Government order, issued by the Uttarakhand Government, from time to time, will
	be binding to both parties and similarly tender conditions will be amended.

Manager Director UCDF Ltd, Haldwani

### **Chapter- 3: Details of Materials/ Services required**

S.	Name of work	Tentative	Qty	Location
N.		cost (Rs.)		
1	E T P Renovation /Upgrade	Rs. 18.00	1	Champawat DUSS Joop Patwa
	workat Champawat DUSS Joop	Lakhs		Champawat
	Patwa Champawat			
2	E T P Renovation /Upgrade	Rs 25.00	1	Dehradun DUSS Raipur Road
	workat Dehradun DUSS Raipur	Lakhs		Dehradun
	Road Dehradun			

### **Chapter-4:**

# TECHNICAL SPECIFICATIONS

## AND

# SCOPE OF WORK

#### Item No:1

# Name of work- Upgradation of Effluent treatment Plant at Champawat DUSS Joop Patwa Champawat Qty- 1 Job

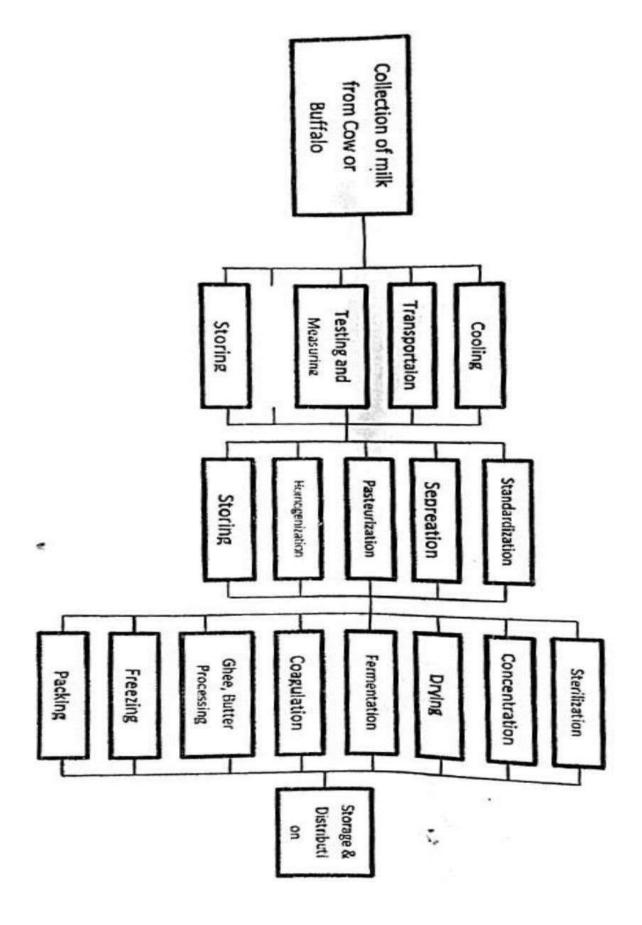
ChampawatDugdh Sangh is an affiliate unit of Uttarakhand Cooperative Diary Federation, having a milk processing plant which process Milk & Milk Products. The main products are Processed Milk, Ghee, Butter, Dahi, Cream. About 12 to 13,000tr/day milk is procured as rawmaterial from the milk growers of entire district of Champawat.

The following is the manufacturing processes:

#### **MANUFACTURINGPROCESS**

- Milk Reception: After procurement ofmilk, milk is cooledso that life span of the milk canbeincreased&it canbe usedforfurther processing.
- Milk Chilling: Chilling milk entails rapidly cooling raw milk to a temperature low enough toprevent the development of microorganisms found in the milk. The temperature of the milkshouldbedecreasedtolessthan10degreesCelsiusduringthecoolingprocess,preferably3to 4°C.
- Milk Pasteurization: Pasteurization ensures the milk is healthy to consume (by removingbacteria) and extends its shelf life. Pasteurization is the act of heating milk to 71.7°C for atleast 15 seconds (and no more than 25 seconds). Milk is often cooled to a minimum temperature (5 °C or lower) shortly after arrival at the dairy to avoid the development of microorganisms. The milk is then cooled to about 4 °C after pasteurization. The Energy(Steam) for Pasteurization is derived from hotwatergenerator installed in the unit.
- MilkStandardization:Theindustrialmodificationofmilkorcreamfatcontenttoaspecifically defined or expected value is known as standardization. Raw milk has a higherfat contentthanthefatcontentoftheotherdairyproductsthatwill beprocessed.
- Milk Homogenization: Homogenization is a mechanical procedure of milk fat globules that involves moving milk under high pressure through a tiny orifice, resulting in a reduction inaveragediameter and an increase in the amount and surface area of the fat globules.
- Milk Filling & Packaging: A modern fluid milk plant will not be complete without a pouch-fillingsystem. The pouches are made from a variety of plastic materials.

#### MANUFACTURINGFLOWDIAGRAM



#### WATERCONSUMPTIONANDWASTEWATERGENRATION

DUSS Champawat source its milk from the milk growers of entire district of Champawat whichis being supplied through Private tankers to the Diary. Following are the detail of Waterconsumptions:-

Waterconsumption 20KLD

WasteWatergeneration 19KLD

WaterLoss Verynegligible

Waste water is being treated in existing ETP based on old technology. The existing ETP consists of Bar Screen. Equalization Tank. Aeration Tanks. Clarifier and Filtration Tank. A11 thestructuresarehavingsufficientretentiontimetotreatthewastewaterup tothedesiredstandard. Main disadvantage of existing treatment facility that all the components requiresrepairing and modification. Existing ETP is sufficient to treat the waste water generated from Dairy Operation.

#### **TREATMENTSCHEME**

#### Theeffluentwillgenerateduringthefollowingoperation

The waste water generated from process will be transferred to Bar Screen and collected in oil& grease trap which is finally collected in equalization tank, where the effluent is mixed andretain for 8 to 10 hrs. From this tank the effluent is pumped to flash mixer cum tube settler forchemical reaction (coagulation and flocculation) which will be done through air agitation byadding the chemicals by metering pumps. Now the effluent gravitated to flocculator and finallysettled in tube settler. The gentle flocks will settle down in tube settler and the clear watercomes on the top of the launder and gravitated to raw water tank from where it is pumped todual media filter & activated carbon filter and finally treated water will used in irrigation ordischarged. The settled sludge will drained to sludge drying beds and the filtrate of the sludgewillagain collected in equalizationtankforfurther treatment.

#### **EFFLUENTTREATMENTPLANTCHAMPAWAT**

ETP at DUSS Champwat has been constructed long back ago, as such on inspection on 25.03.2023, it is being observed there are various leakages at different points and number of pumps and motors are not inoperation.

The existing ETP consisting of following components:

1. InletChannel

- 2. BarScreen
- 3. GritChamber
- 4. Equalization tank
- 5. AerobicLagoon
- 6. AerationTank −1
- 7. AerationTank –2
- 8. SedimentationTank
- 9. Clarifier
- 10. ClearWaterTank

A line diagram has been prepared that shows repairing and upgradation required in civil, mechanical and electrical components of ETP installed. The Line diagram is shown innext page.

#### **LINEDIAGR AMOFEXISTING ETPATDUSSCHAMPAWAT** ExistingOpenChanne 10"newP.C.C. 2"newP.C.C. 13m x0.3m x0.6m **GREASETR EQUALIZAT** GIPipe3"3.6m(New) AP IONTANK Repairing &cleaningo Repairing **fBARSCRE** &cleaning of **ProposedOpenChannel** Repairing EN Tank8mx1.8mx2 &cleaningofTan RepairingofPipelineGI3"x10m03 5m x0.3m x0.6m .1m k3m x2m x2.1m nosButterflyvalve(New) 1mx1mx1.2m RepairingofPipelineGI3" x4.5m **N¢w**03nosButterflyva**l**ve New05nosSocket New05nosElbow AerationTa nk -**AERATI** Repairing RepairingofPip 2Repairing **ONTAN** ofPipeline eline Repairing & K-Repairing &cleaning of GI3"x3m GI3"x3m &cleaningofTank2.4 1Repairi Tank3.3 x4.2 cleaningofTank6. x1.2 x1.2m ng x1.8mHeightof 0 x4.2 x1.5m CleaningofPipeline &cleanin walltobeCleanin New02 New02nos nos gofTank 90 PipelineGI3" TeeNew04 nos **BigElbow** 5.5 x5.5 x1.8m SocketNew04n x3.6m osElbow New Activated Carbon-300kg Clarifier nised from 12mto4 .8m SandMedia-500kg Repairing &

Cleaning of Tank

x3.0 depth

2.4

# RENOVATION OF EFFLUENT TREATMENT PLANT AT CHAMPAWAT MILK UNION, JOOP PATWA

#### Scope of work

Renovation, Supply, Fabrication, installation, testing and commissioning of existing Effluent treatment plant with sewage handling capacity 25 to 30m3 per day. The ETP shall be designed as water retaining structures, with necessary chemical dosing as required by the manufacturer's design. All the associated equipments, piping, pumps, air blowers and electrical panel to be housed in the ETP. The cost will also include G.I / S.S/UPVC pipe, puddle flange, inlet, outlet, overflow, moving ladders and making support for piping.

Dairy process effluent from chilling, paneer section, Chach, curd section etc. Design to take consideration of the same.

Daily average flow	:	$25-30 \text{ M}^3/\text{Day}$
Effluent Parameter a	t Inle	t to STP:-
PH	:	7.0 - 8.5
BOD	:	3000 - 5000 mg/l
S. Solids	:	600 - 1500 Mg/l
Oil & Grease	:	50- 100 mg/L
COD	:	5000 - 8000 mg/l
Effluent discharge sta	andar	d after treatment :-
PH	:	6.5 - 8.0
BOD	:	Less than 30 mg/l
S. Solids	:	Less than 100 mg/l
Oil & Grease	:	Less than 10 mg/l
COD	:	Less than 250 mg/l

All the treated water parameters should meet strictly the Central pollution control board/ Uttarakhand pollution control board norms.

#### BOO FORETPRenovation/Upgradation at Champawat Milk Union, Joop Patwa.

S.N.	Particular	Unit	Rate in Rs.	Amount
1.	Repairing/Upgradation andWaterproofingtreatmentforallthecivilstructure ofETP,itmay includesomemasonrywork andsome RCCwork also suitable for 20KLPD milk processing.	1Lot		
2.	RepairinginvariousElectrical,Mechanicaland piping work andotherrequiredmiscellaneous workrelevanttoproperfunctioningofETP suitable for 20KLPD milk processing.	1Lot		
3.	Construction of new sludge drying bed complete in all respect including brick wall, plastering, sludge drying bed, white washing walls etc. suitable for 20KLPD milk processing.	1 Job		
4	P/L of Twin Lob air blower, with 3 HP-3 ph motor, CFM 50 to 100ETP suitable for 20KLPD milk processing.	1		
5	P/L of Sludge pump, 1 hp, cap- 5000 lph	3 nos		
6	P/L 6 inch dia Air diffuser system with aeration grid made of ½ inch UPVC pipeETP suitable for 20KLPD milk processing.	1 Lot		
7	P/L of Clarifiers with sweep Agitator 05 HP with reduction gear. Or suitable tube settler, complete in all respectETP suitable for 20KLPD milk processing.	1 Job		
8	P/L/ suitable MCC powder coated Electric panelETP suitable for 20KLPD milk processing.	1 No		
9	P/L of dairy effluent pump, cap- 5000 lph	1 No		
10	P/L of all necessary electric cable,	1 Job		

#### Note-

- 1- It is a Turn-key-Job. So, any thing not mentioned but necessary for proper function/ running of the ETP plant will be supplied by the bidder free of cost.
- 2- The getting consent/approval from state pollution control department will be in bidders scope. However statutory fee will be deposited by the Champawat milk Union.

#### **Theactivities to be executed are:**

- (a) Entire Open Channel to be repaired, modified and requires water proof treatment. Insomeof theplaces, new channels are required to be constructed.
- (b) Entirepipelinehastoberepairedandmaintainedincludingsomenewpipe lineandsomeoldpipelinenotin goodconditionhasto bereplacedbynewpipeline.
- (c) All the Civil Structures has to be repaired and maintained including water

proofingtreatment.

- (d) PanelBoard maybereplacedbynewone, assuch repairing of old one may not be feasible.
- (e) Compressortobereplacedbyblower.
- (f) Allthefittingsshouldbeof standardquality/ISImark.
- (g) Approx. 100mternew electric cableisrequired.

Qualifying/ experience Criteria: The bidder should have completed minimum 3 (three) E.T.P., especially in Co-operative/government dairy or reputed private firms within last 5 years.

#### Item No:-2

Name of work- Upgradation and Repairing/Renovation of Effluent treatment Plant at Dehradun Milk Union, Raipur Road Dehradun

#### Quantity; - 1 Job

DehradunDugdh Sangh is an affiliate unit of Uttarakhand Cooperative Diary Federation,having a milk processing plant of capacity 30,000 LPD which process Milk & Milk Products. The main products areProcessed Milk, Ghee, Butter, Dahi, Cream. About 25000 L/day milk is procured as rawmaterialfromthemilkgrowers ofentiredistrict of Dehradun

The following is the manufacturing processes:

#### **MANUFACTURINGPROCESS**

- Milk Reception: After procurement ofmilk, milk is cooledso that life span of the milk canbeincreased&it canbe usedforfurther processing.
- Milk Chilling: Chilling milk entails rapidly cooling raw milk to a temperature low enough toprevent the development of microorganisms found in the milk. The temperature of the milkshouldbedecreasedtolessthan10degreesCelsiusduringthecoolingprocess,preferably3to 4°C.
- Milk Pasteurization: Pasteurization ensures the milk is healthy to consume (by removingbacteria) and extends its shelf life. Pasteurization is the act of heating milk to 71.7°C for atleast 15 seconds (and no more than 25 seconds). Milk is often cooled to a minimum temperature (5 °C or lower) shortly after arrival at the dairy to avoid the development of microorganisms. The milk is then cooled to about 4 °C after pasteurization. The Energy(Steam) for Pasteurization is derived from hotwater generator installed in the unit.
- MilkStandardization:Theindustrialmodificationofmilkorcreamfatcontenttoaspecifically defined or expected value is known as standardization. Raw milk has a higherfat contentthanthefatcontentoftheotherdairyproductsthatwill beprocessed.
- Milk Homogenization: Homogenization is a mechanical procedure of milk fat globules that involves moving milk under high pressure through a tiny orifice, resulting in a reduction inaveragediameter and an increase in the amount and surface area of the fat globules.

Milk Filling & Packaging: A modern fluid milk plant will not be complete without a pouch-fillingsystem. The pouches are made from a variety of plastic materials

#### EFFLUENT TREATMENT PLANT

Supply, Fabrication, installation, testing and commissioning of Effluent treatment plant based on MBBR process with sewage handling capacity 100m3 per day. The ETP shall be designed as water retaining structures, with necessary chemical dosing as required by the manufacturer's design. All the associated equipments, piping, pumps, air blowers and electrical panel to be housed in the ETP. The cost will also include G.I / S.S puddle flange, inlet, outlet, overflow, moving ladders and making support for piping. (The entire plant will be constructed in RCC(Existing)

Dairy process effluent from chilling, paneer section, Chach, curd section etc. Design to take consideration of the same.

Daily average flow	:	100 M <sup>3</sup> /Day		
Effluent Parameter a	at Inlet t	o STP:-		
PH	:	7.0 - 8.5		
BOD	:	3000 - 5000 mg/l		
S. Solids	:	600 - 1500 Mg/l		
Oil & Grease	:	50- 100 mg/L		
COD	:	5000 - 8000 mg/l		
Effluent discharge standard after treatment :-				

PH :	6.5 - 8.0
BOD :	Less than 30 mg/l
S. Solids :	Less than 100 mg/l
Oil & Grease :	Less than 10 mg/l
COD :	Less than 250 mg/l
	all include the following items:
Screen Chamber	
Oil & Grease Trap with oil s	kimmer
equalization tank/sump	
Aeration Tank cum MBBR F	
Tube Settler Tank with Medi	a & secondary Clarifier
Sludge Drying Bed	
Chlorination System	
Air Blowers, Pumps & equip	ment
Piping, valves etc	
Electrical Panel & Cabling	
The following list of civil un	nits shall be Client's Scope. EXISITING
Bar screen pit	
Oil & Grease Chamber	
Collection Tank	
Equalization Tank	
Reactor Tank	
Clarifier Tank	
Filter Feed Tank	
Main Drying Bed	
Foundations for all the units	

N	Name of work- Upgradation and Repairing/Renovation of Effluent treatment Plant at Dehradun Milk Union, Raipur Road Dehradun				
	Details of work& Bill of Quantity & S				
S.N.	Details of work	Unit	Qty	Rate	Amount
1.0	Pretreatment				
	Supply, installation, testing & commissioning of 2 Nos 304 Stainless Steel Perforated, Corrugated Bar Screen with suitable lifting arrangement of following sizes: (size 450 mm wide x 500 mm high approx).		1		
2.0	Secondary Treatment				
	MBBR reactors (2 compartments) with media, air diffuser and piping of adequate capacity. Fine air bubble jet diffuser with EPDM seat minimum number of diffusers to be provided existing in RCC Construction. (Tank in Owner's supply).	Lot	1		
3.0	Air diffuser system with 2 nos. triobe -type air blower of capacity suitable for 150m <sup>3</sup> /day at the pressure of 0.50 kg/cm2 each including fine bubble membrane type		1		

	diffusers complete with valves & air distribution grid, flexible pipe etc. complete as required. (One set consists of 2 nos. of blower (1 working+ 1 standby)			
4.0	Providing and fixing all piping (as described below) and isolation control valves, non return valves etc. for making the system complete.			
a)	UPVC/MS piping (10kg/sqcm) - For all submerged waste water piping.			
b)	MS (B Class) - For all exposed air piping and CPVC pipe for submerged air piping.	Set	1	
5.0	Providing and fixing all instrumentation eg. Pressure gauges for air, water etc. for making the system complete.	Set	1	
6.0	<b>EQUALIZED WASTE WATER TRANSFER PUMPS:</b>			
	Providing and fixing fully submersible sewage handling type pump for raw effluent transfer. The pump shall have complete CI construction, TEFC induction motor including pressure gauge, lifting arrangement for the pump, all necessary piping, valves, cable etc. and other accessories as required Solid handling shall be 38-50 mm.			
	Capacity: 6-8 M <sup>3</sup> /hr			
	Discharge Head 8-10 M head			
	Operation Time - 20 Hrs			
	Motor HP: As per Manufacture recommendation			
	Type of pump: Sludge handling type pump			
	1 Set - (2 Nos. 1 Working + 1 Standby)	Set	1	
7.0	FILTER FEED PUMPS:			
	Providing and fixing Horizontal centrifugal pumps for filtration. The pumps shall be made of CI stage casing, CI Impeller, MS shaft & sleeve, Mechanical Seal are connected to a TEFC induction motor mounted on a common channel base frame with coupling guard, 150 mm dia pressure gauge with GM isolation cock, suitable vibration eliminator pads of approved design. Motor to be suitable for 400/440 V, 3 Phase, 50 cycles AC power supply, including all necessary piping, valves and other accessories and concrete foundation complete as required.  Capacity - 8.0 M <sup>3</sup> /Hr.  Discharge Head - 30 - 35 M head  Operation Time - 16 Hrs  Motor HP: As per Manufacture recommendation  Type of pump: Horizontal centrifugal pump in CI			
	1 Set - (2 Nos. 1 Working + 1 Standby)	Set	1	
8.0	SLUDGE DISPOSAL PUMP:			
	Providing and fixing screw Sludge disposal pump for the disposal of sludge to Sludge drying bed. The pumps shall have CI casing, bronze Impeller & SS shaft & sleeve with mechanical rotary shaft seal connected by a flexible tier			

	the manager of the state of the				T
	type coupling to TEFC induction motor mounted on a				
	common channel base-plate with coupling guard, 150 mm dia pressure gauge with GM isolation cock, suitable				
	vibration eliminator pads of approved design. Motor to be				
	suitable for including all necessary piping, valves and other				
	accessories and concrete foundation complete as required.				
	(1 Working + 1				
	Stand-by)				
	Capacity - 1 - 2 M <sup>3</sup> /Hr.				
	Discharge Head - 10 M head				
	Motor HP : As per Manufacture recommendation				
	Type of pump: Horizontal centrifugal pump				
	1 Set - (2 Nos. 1 Working + 1 Standby)	Set	1		
9.0	PRESSURE SAND FILTER:				
	Installation, testing & commissioning of vertical self				
	supporting Dual Media Filter				
a)	Capacity : 6.0 M <sup>3</sup> /hr				
	Size(Dia) : 0.8m				
	Filtration rate : 12 M <sup>3</sup> /M2/hr				
<u>d)</u>	Max. operating pressure: 3.5 kg/sq.cm				
	Test pressure : 5.5 Kg/Sq.cm	Set	1		
	ACTIVATED CARBON FILTER:				
	Installation, testing & commissioning of vertical self-				
	supporting Activated Carbon Filter				
a)	Capacity : 6.0 M <sup>3</sup> /hr				
	Filtration rate : 10 M <sup>3</sup> /M2/hr				
c)	Max. operating pressure: 3.5 kg/sq.cm				
	Test pressure : 5.5 Kg/Sq.cm	Set	1		
	CHLORINE DOSING				
	Providing and fixing chemical dozing system with all				
	accessories, suitable to doze				
	System : Metering Type				
	Feed solution : Hypochlorite				
	Capacity : 0-10lph	Set	1		
12.0	TUBE SETTLER				
	supply, installation & commissioning shall be complete				
	MS Epoxy				
	prefabricated secondary settlement tank with required				
	plastic media				
	Size : 2.0m X 2.0m X 2.0m				
	Filled with : Tube deck PVC media				
	MOC : MS with Epoxy Paint	Set	1		
13.0	ELECTRICAL PANEL				
	Design, fabrication, assembling, wiring, supply, installation, testing and				
	Incoming			I	

	100 amps TPN MCCB with the following accessories:				
	a. 0-415 volts 96 x 96 mm square voltmeter with selector				
	switch shall be				
	b. 0-500 amps 96 x 96 mm square ammeter with selector				
	switch and 315/5				
	c. Phase indicating lamps shall be protected by 2 amp SP				
	MCB-3 Set				
	Bus Bar				
	200 amps TPN (15 KA) aluminium bus bar with heat				
	shrinkable insulation				
	Outgoings				
	9 No. suitable rating MPCB for direct on line starter and				
	outgoing feeder to air blowers, pumps, Scraper, etc. Each				
	compartment shall contain auto/manual selector switch &				
	Timer(for air blower) and indicating lamps with MCB's	set	1		
140	for 'ON/OFF status of motor.		1		
14.0	CLARIFIER SCRAPER REPAIRING	<b>G</b> .	1	1	
	Servicing & repairing of Motor, gear box, arms And blades	Set	1		
15.0	WATER FLOW METER				
	supply, installation & commissioning of digital flowmeter				
	Type : Electromechanical				
	Size : 50mm				
	Make : UPC/aster	Nos	1		
17.0	CABLING & CABLE TRAY				
	Type - 2-4 core Copper Flexible				
	Capacity - As per the control panel and machines to				
	connected.				
	Size of cable - 1Sqmm - 4 sq. mm				
	Make: Havells/Polycab or equivalent reputed make				
	b) Cable Tray				
	Qty - As required				
	Type - Slotted GI				
	Size - 2" x 4" x 6" or as required.				
	c) Cable Tray Support				
	Quantity - As per site requirement of approved quality.	Job	1		
18.0	INSTALLATION	Job	1		
	COMMISSIONING	Job	1		
	Total				
	GST (18 %)			1	
	TOTAL			1	
	late. All the pages should be seeled and signed by the b	• • • •	/· 1· /·	1	<u>I</u>

Note- All the pages should be sealed and signed by the bidder (indicating name, address and contact details of the bidder.)

Qualifying/ experience Criteria: The bidder should have completed minimum 3 (three) E.T.P., especially in Co-operative/government dairy or reputed private firms within last 5 years.

# TENDER ACCEPTANCE LETTER (To be given on Company Letter Head)

Date: To,	_ _			
	- - -			
Sub: A Tender Reference No:		c Conditions o	f Tender.	
Name of	Tender	/	Work:	<u>-</u> 
Dear Sir,  1. I/ We have download	ed / obtained the ten	der document(	s) for the above	e mentioned
	rom the	web	site(s)	namely:
as per your advertisement,	given in the above men	ntioned website	e(s).	
2. I / We hereby certify the documents from Page No schedule(s), etc.,), which by the terms / conditions /	form part of the contra	(including all act agreement a	documents like	annexure(s),
3. The corrigendum(s) issualso been taken into consider			•	ons too have
4. I / We hereby uncondidocument(s) / corrigendum			s of above ment	ioned tender
5. In case any provision organization shall without tender/bid including the fo Yours Faithfully,	prejudice to any other	right or reme	dy be at liberty	to reject this
romo rammany,	(Name &	Signature of tl	ne Bidder, with (	Official Seal)

#### (Affidavit of Non blacklisted firm )

#### (AFFIDAVIT ON A NON JUDICIAL STAMP PAPER OF RS. 100/ -)

I,	sole proprietor/partner/authorized signatory of
M/s	sole proprietorship/partnership firm/public/private
at	company having its principal place of business/ registered office(Full Address) do hereby solemnly and declare as under:-
allilli	and declare as under
I	That I hereby confirm and declare that my/our firm/company M/s is not blacklisted/delisted or debarred with any company of Private/Public Ltd. or Government Company/Semi Govt. deptt. from participating in the tender as on date.
I	That I hereby confirm and declare that my/our firm/company M/s is /are not involved in any illegal activity and/or not charge sheeted for any criminal act of theft and/or any other essential commodity during last five years.
2 t t t	That I further undertake that in case any of the facts sworn in as mentioned above and any particulars mentioned in our application is found other-wise or incorrect or false at any stage, my/our firm/ company shall stand debarred from the present and future tenders of the Uttarakhand Co-operative Dairy Federation Ltd. and its associates Milk Union. Besides, Uttarakhand Co-operative Dairy Federation Ltd shall be entitled to take all such actions as may be deemed fit including termination of contract, if awarded, without any claim for any compensation whatsoever on account of such premature closure of the contract.
	I know that to swear a false affidavit is crimes under the law and with such knowledge only I have swear this Affidavit. I shall be responsible for any false statement.  (Signature of the Proprietor/ Managing Partner/Director with Seal)
	DEPONENT
are true	d at

(Signature of the Proprietor/ Managing Partner/ Director with Seal)

DEPONENT

(Signature & Seal of Notary)

# (Contract Agreement) (ON NON JUDICIAL STAMP PAPER OF RS. 100/-)

(ON NON JUDICIAL STAMP PAPER OF RS. 100/-)
This agreement made theday of20 between Uttaranchal Co-operative Dairy
Federation Ltd, Mangal Parao, Haldwani (Nainital) there in after called 'Purchaser' on the
one part and M/s
(Hereinafter 'the Supplier') on the other part.
Whereas the purchaser is desirous that certain Goods and ancillary Services should be
provided by the supplier. Viz (Brief description of Goods and
services) and has accepted a bid submitted by the supplier in response to the purchaser's
Bidding Document Reference
Goods and Services in the sum of Rs.
(Rupees).
(Hereinafter "the Contract Price").
Now This Agreement Witnesses as Follows:
• In this agreement and expression shall have the same meaning as in the terms and
conditions and in section III & Section IV in the above referred Bidding Document.
<ul> <li>The following documents shall be deemed to form and be read constructed as part of</li> </ul>
this agreement. viz.
a. the offer and the price schedule submitted by the supplier;
b. the schedule of requirement/list of items and the technical specifications in
Sections V and VI in the above referred Bidding Document.
c. The terms and conditions in section III and IV in the above referred Bidding
Document.
d. The Purchaser's Purchase Order Nonono
date
• In consideration of the payments to be made by the purchaser to the supplier
as hereinafter mentioned, the supplier hereby covenants with the Purchaser to provide
the Goods and Services and to remedy defects there in conformity in all respects with
the provisions of the Purchaser's purchase order and Bidding Document.
• The purchaser hereby covenants to pay the supplier in considerations of the
provisions of the Goods and Services and the remedying of defects therein, the
Contract price or such other sum as may become payable under the provisions of the
purchase order at the times and in the manner prescribed in the purchase Order and
Bidding Document.
In Witness where of the ratios here to have caused this agreement to be
executed in accordance with their respective laws the day and year first above written. Signed, Sealed and Delivered by the said
•
(For the Purchaser) in the presence of
Signed, Sealed and Delivered by the
said
(For the Supplier) in the presence
of:

### (Form of Bank Guarantee against Advance Payment) (ON NON JUDICIAL STAMP PAPER OF RS. 100/-)

#### Bank Guarantee No.

1-	In consideration of the Uttaranchal Co-operative Dairy Federation Mangal Parao Haldwani there in after called the UCDF having agreed to grant an advance of
	Rs(Rupees
	only) to M/s terms and conditions of
	an contract/purchase order nodated made between the UCDF
	and M/s
	(hereinafter called the said contract/purchase order) on production of a bank guarantee for
	Rs( see note 2 below)
	(Rupeesonly)we
	(Hereinafter called the bank) do hereby undertake to pay the
	UCDF an amount not exceeding Rs.
	(Rupeesonly) against any loss/damage caused to or
	suffered would be caused or suffered by the UCDF by reason of any breach by the said
	supplier(s) of any of the terms and conditions contained in the said contract/purchase
	order.
2_	We, do hereby undertake to any the amounts due and payable
	under this guarantee without any demur merely on a demand from UCDF stating that the
	·
	amount claimed is due by way of loss or damage caused to or would be caused to suffered
	by the UCDF by reason of any breach by the said supplier (s) of any of the terms and
	conditions contained I in the contract/purchase order, or by reason of the supplier (S)
	failure to perform the said contract /purchase order any such demand made on the Bank
	shall be conclusive as regards the amount due and payable by the Bank under this
	guarantee shall be restricted to an amount not exceeding
	Rs(Rupeesonly).
3-	We,, further agree that bthe guarantee herein
	contained shall remain in full force and effect during the period that would be taken for
	the performance of the said contract/purchase order and that it shall continue to be
	enforceable till all the dues of the UCDF, under, or by virtue of the said
	contract/purchase order have been fully paid and its claims satisfied or discharged or till
	the UCDF certifies that the terms and conditions of the said contract/purchase order have
	<u>*</u>
	been fully and properly carried by the said supplier (s) and accordingly discharge the
	guarantee unless a demand or claim under this guarantee made an us in writing on or
	before, we shall be discharged from all liability under
	this guarantee therefore.
4-	We,,further agree with the UCDF that the UCDF shall
	have the fullest liberty without our consent and without affecting in any manner our
	obligation hereunder to vary any of the terms and conditions of the said contract/purchase
	order to extend time of performance by the said supplier from time to time or to postpone
	for any time or from time to time any of the power exercisable by the UCDF, against the
	said supplier and to forbear or enforce any of the terms and conditions relating from our
	liability by reason of any such variation, or extension or for any fore bearance, act of
	omission an the part of the UCDF, or any indulgence by the UCDF, to said supplier or by
	any such matter or thing whatsoever which under the law relating to sureties would but
	· ·
_	for this provisions have effect of so relieving us.
5-	Welastly undertake not to revoke this guarantee during its
	currency except with the previous consent of the UCDF in writing.

6-	iability of the Bank Guarantee is restricted				
	tpRs	(Rupees	only). The Guarantee shall		
	remain in forc	e till the	19 unless the guarantee is renowned or		
a claim is preferred against the bank within three months from the said date					
	the UCDF under the guarantee shall cease and the bank shall be released and discharged				
	from all liabili	ties hereunder.			
	Place:		(Signature)		
	Date:		CODE NO		
<b>.</b> .					

Note: -Suppliers should ensure that seal and code no. of the signatory is put by the bankers before submission bank guarantees. The value of Bank guarantee shall be 36% of the order value.

#### (Performance Bank Guarantee) ))

(= ==	()			
(ON NON-JUDI	CIAL STAMP PAPER OF RS. 100.00			
Bank Guarantee No.	Dates:			

thousand .....) by (Name and address of the Bank) (herein referred to as the Bank) which expression shall unless repugnant to the context or meaning thereof includes its legal representative, successors and assigns and the Uttaranchal Co-operative Dairy Federation Ltd, Mangal Parao, Haldwani (Nainital) (hereinafter referred to as the federation) which expression shall unless repugnant to the context or meaning thereof includes its legal representatives successors and assignees.

Whereas. Federation/DUSS has awarded a contract and purchase order bearing referred to as the "Supplier") for the supply/supply erection and commissioning of performance guarantee in the form of a Bank guarantee to the Federations in terms and conditions of the Bidding Documents and the Contract which will be kept veiled up to period should be till end of warranty period). And whereas, the bank guarantee (The constituted agent and officer has already read and understand the contract made between the Board and the Supplier.

In consideration of the Federation having agreed to award the contract/purchase order guarantee, undertake, promise and agree to with the Federations its legal representatives, successors and assignees that the within named (name of the supplier their legal representatives and assignees will faithfully perform and fulfill everything within the Bidding Document and the contract/purchase order on their part to be performed or fulfilled, at the time (time being the essence of the contract) and in the manner there in provided, do all obligations there under and we further undertake and guarantee to make payment to the Federations .....( Rupees ..... only) being the 10% of the contract value in case the supplier, their legal representatives and assignees do not faithfully perform and fulfill everything within the Bidding Documents and the contract/Purchase order on their part to be performed or fulfilled, at the time and in the manner therein provided and do not willfully and promptly do all obligations there under.

In case the supplier fails to perform or fulfill the contract/Purchase Order as per the terms and conditions agreed upon the Federation is entitled to demand an amount equal to 10% of the Control value from the supplier and the demand made by the Federation by itself will be conclusive evidence and proof that the Supplier has failed to perform or fulfill his obligations and neither the Supplier nor the Bank will be entitled to raise any dispute regarding the reason for the failure of performance or fulfillment, on any ground.

We, (name of the Bank), do hereby undertake to pay an amount equal to 10 % of the Order value, being the amount due and payable under this guarantee without any demur, merely on a demand from the Federation stating that the amount claimed is due by way of non-performance of the contractual obligations as aforesaid by the supplier or by reason of the Supplier's failure to perform the said contractual commitments/Purchase order, any such demand made on the Bank shall be conclusive as regards the amount due any payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs...... (Rs.....