



# AmulFed Dairy

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

(PREVIOUSLY KNOWN AS MOTHER DAIRY, GANDHINAGAR)

## **PURCHASE ENQUIRY FOR ARC OF INSULATION WORK**

AFD/PUR/YKV/ENQ/INSULATION: 2021

DATES: 20.07.2021

### **SUBJECT: PURCHASE ENQUIRY FOR ANNUAL RATE CONTRACT (ARC) FOR INSULATION WORK AT AMULFED DAIRY, GANDHINAGAR (AFD) AND PACKAGING FILM PLANT (PFP)**

Dear Sir,

With refer to above subject we invite your most competitive offer for insulation work. Your offer should be based on following considerations & as per enclosed annexure:

- 1) The offer should reach,  
AmulFed dairy (A Unit of G.C.M.M.F. LTD.)  
Plot no: 35, Nr. Indira Bridge, Ahmedabad Gandhinagar highway,  
Village Bhat, Dist: Gandhinagar, Pin: 382428.
- 2) **Due Date: 02.08.2021 before 6 PM**
- 3) The offer should be send in sealed cover super scribing on the top left-hand corner offer for Inquiry No: **AFD/PUR/YKV/ENQ/INSULATION 2021**. If it is not super scribed, it is liable for rejection.
- 4) Offer received after due date for whatsoever reason may be rejected. We are not responsible for postal delays. Offer should be valid for acceptance for one year.
- 5) The Rates / price should be for F.O.R. destination basis inclusive of packing & forwarding and freight. However it should be clearly mentioned in the quotation.
- 6) F.O.R. Destination is:  
AmulFed Dairy, Plot no: 35, Village: Bhat, Dist: Gandhinagar, Pin: 382428.  
AND Packaging Film Plant, Sector 25, Gandhinagar, Pin 382010.
- 7) Your Rates should be excluding of all applicable GST (mention GST %). Any rate rise will not be given to you during the contract period.
- 8) It is not required to depute the team continuously during the contract period at our premises. We shall call for the job as and when required only. As far as possible, work shall be planned at least one week in advance. However, in case of emergency, work will be started in 24 hours of intimation.
- 9) It will not be binding on us to accept lowest offer. Right to accept/ reject any or all the offers without assigning any reason is reserved by AmulFed Dairy Management. We may also allocate the quantity. Offers which are incomplete, not meeting the required conditions is liable for rejection. We may allocate contract to multiple vendors also. Any dispute between the contractor and the AmulFed Dairy will be settled by mutual discussion only and the decision of the General Manger of AmulFed Dairy shall be final

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Plot No. 35, Nr. India Bridge, Ahmedabad – Gandhinagar Highway, Village: Bhat, Dist.: Gandhinagar, PIN 382 428

Tel. No.: (079) 23969055 – 58, Fax No.: (079) 23969059

Website: www.amul.com



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and binding on both the parties. In case of a legal dispute between both parties, court at Ahmedabad shall have Jurisdiction.

- 10) Payment Terms with 30 days credit will only be accepted only after satisfactory work done.
- 11) All the machinery (sheet bending, grooving machines), Tools, Tackles & Consumables required for Insulation work should be born by you.
- 12) Detailed technical specifications are as per attached annexure.
- 13) Insurance of your workers is in your scope. AmulFed dairy is not responsible if any accident occurred to your worker.
- 14) No Price hike will be given during the rate contract period.
- 15) Good Engineering Practice, with proper supervision should be followed during execution of work.
- 16) You shall use proper personal protective equipments like safety shoes, safety helmets, safety belt, and hand gloves while carrying out any work in the dairy premises and ensure that no employee of yours shall work in unsafe condition or not create unsafe condition
- 17) We are an ISO 9001:2015, ISO 14001:2015 and FSSC 22000 V4.1-ISO TS 22002-1:2009(Food) certified unit. We follow eco-friendly processes, which helps in sustainable & safe up keeping of an environment. We expect same procedure to be followed in your unit. Please ensure maximum recycling of material lifted from AmulFed Dairy and PFP. We are also committed for food safety and human safety on highest basis.
- 18) You shall provide insurance copy of your employees to purchase department
- 19) **You have to submit vendor registration form (VRF) along with your offer.** The VRF is available on our website [www.amul.com](http://www.amul.com). You can find the same under B2B – Suppliers- Enquiry option.

Thanking you,

For AmulFed Dairy, Gandhinagar

Purchase Department



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## General SAFETY REQUIREMENTS & GUIDELINES

### SAFETY REQUIREMENTS & GUIDELINES FOR ARC / AMC CONTRACTORS FOR (HOIST , LIFT, FORK LIFT)

#### A. GENERAL REQUIREMENT:-

1. Contractor must submit Medical Fitness certificates for all the workers after award of contract and before commencement of any work.
2. Contractor Owner / supervisor / in-charge must brief these safety guidelines-requirements and other work related safety precautions to all their workers at least once, And record of the same is maintained and submitted to Safety Officer AmulFed Dairy.
3. Contractor has to brief and made aware all their workers that they understand the importance of House Keeping and always maintain good housekeeping while work and after work.
4. Contractor must follow work permit system / risk assessment authorized by AmulFed Dairy in-charge every time before work for all the activities at site.
5. For any critical work contractor has to plan properly with in-charge (AmulFed Dairy) and Safety Officer- AmulFed Dairy before work.
6. For any controversy or immediate threat to safety of person and plant the decision of Safety Officer – AmulFed Dairy is final.

#### B. DOCUMENTS:-

1. Medical fitness certificates of all workers (One Time)
2. Equipment's testing and validation record wherever required.
3. Form no. 10 for lifting tackles and tools like Crane, Hydra, Hoist, Chain Pulley, Sling, Belt.

All the documents must be maintained at site and shown to AmulFed Dairy officials on demand 2

#### C. PPES:-

1. Contractor has to ensure sufficient quantity of following PPEs provided for their workers all the time at workplace and made arrangement for it's upkeepment with effect from first day of contract.
  - a. Safety Shoes
  - b. Safety Helmet
  - c. Cut Resistance Hand Gloves
  - d. Cotton Hand Gloves
  - e. Goggles
  - f. Safety Belt - Full Body, Double Lanyard, Scaffold Latch Hook

#### D. EQUIPMENTS:-

All the following mentioned equipments must be ISI marked and tested / calibrated by Third Party and contractor has to submit testing / calibration certificate before commencement of work.

##### 1. Hand Grinder:-

- a. Grinding m/c must be in good condition having no defects
- b. Having identification and testing labels on it
- c. Guard must be there always on the grinding wheel
- d. Body earthing if metal body
- e. Having given body earthing and always connected with ELCB
- f. Having intact supply cable with top plug and no joints allowed

##### 2. Hand Drill and other portable tools:-

- a. Hand Drill and other portable tools must be in good condition having no defects
- b. Having identification and testing labels on it



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- c. Guard/lock must be there always on the machine
- d. Body earthing if metal body
- e. Having given body earthing and always connected with ELCB
- f. Having intact supply cable with top plug and no joints allowed

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### 3. Extension Board:-

- a. Sufficient Number of Portable Extension provided by contractor
- b. All the extension board have proper fiber cover
- c. All the extension must have 1 female plug of industrial type 3-phase, 1 female plug of industrial type 1-phase, 1 female plug of three-pin
- d. Extension boards having provision of earthing wire
- e. Extension board must have ELCB on it
- f. Having intact supply cable with top plug and no joints allowed

### 4. Portable-Extension Ladder:-

- a. Only Certified ladder is to be procured and certificate to be shown by contractors
- b. MOC:- Aluminum
- c. With antiskid steps/rungs
- d. Single width
- e. Extension slot having proper rope and hooks for resting / sliding

### 5. Life-Lines Ropes :-

- a. Sufficient number of life lines to be keep available
- b. It is the rope for anchorage of safety belt
- c. Make:- KARAM / UDYOGI
- d. Fray-Proof, dope-dyed polyester webbing
- e. Length- 20 mtr, Strength – 15 kN
- f. Equipped with ratchet tensioner for quick and easy tensioning of the life line between two supports
- g. Built in shock absorber in it

### 6. Lifting Equipments, Tools & Tackles (Chain Pulley Block / Hoist / Wire Rope Sling / Lifting Belt / Lifting Chain/ Winch Machine / Hydra / Crane /Fork Lifts etc.):-

- a. Testing Certificate is must in Form No. 10 by Competent Person for all the lifting Equipments, Tools & Tackles used at AmulFed Dairy by contractor.
- b. The equipment must be in good conditions without any defect and with all the required accessories and reverse horn.

## E. SAFETY GUIDELINES FOR WORK:-

### 1. Hot Work (Welding, Cutting, Grinding etc.) & Other Maintenance Work:-

- a. Use of Safety Shoes, Safety Helmet, Cotton hand gloves, Goggles is must for all the workers at work
- b. Use of Welding Helmet, Welding Gloves and Welding Blanket is must while welding work
- c. Use of Cut resistance hand gloves and face shield is must while grinding and cutting
- d. Use of Cut resistance hand gloves, face shield and welding blanket is must while Gas Cutting
- e. Ensure proper electrical, mechanical and pneumatic isolation and purging of the equipment/pipe line/ if working on any running plant/process or inside any department
- f. If required apply dummy on incoming & out going lines
- g. Take Work Permit from concern AmulFed Dairy in-charge when working on any running plant/process or inside any department
- h. Remove all the flammable material from the area and barricade the area properly
- i. Use Fire blankets or made arrangement such that the spark fall in safe zone.
- j. Ensure availability of Fire Extinguisher / Water nearby
- k. Make proper housekeeping after work and never kept any flame unattended.



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- l. If the area is congested and having flammable material check the nearby area after work
- m. For hot work on gas & oil line ensure gas/LEL level is checked by AmulFed Dairy in-charge and it is not exceeded
- n. No loose connection and joints are allowed in cables (All the cables connected with plug top)
- o. Never perform ant hot work near painting work
- p. Never perform any hot work nearer to any gas line or oil line
- q. Never perform any hot work inside any tanks, drainage etc. confined place

## 2. Height Work (Above 2 meter of Height):-

- a. Use of Safety Shoes, Safety Helmet, Cotton hand gloves, Goggles and Safety Belt is must for all the workers working at height
- b. Ensure that there must be proper platform and approach to work at height with hand railing and ladder at height
- c. If there is no platform then must use scaffold which is made to approach height

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- a. Scaffold must have made with Base Plate, upright, putlog, diagonal braces, handrail, jhali-khapeda for platform
- b. All the persons are going to work at height are advised to make proper scaffold as describe above
- d. Portable aluminum ladders must be used for climbing height of scaffold / platform and it is to be fixed on scaffold
- e. Ladders are used only for ascending-descending height not for any work at height.
- f. When ladder is used for ascending-descending height it must be fixed with firm structure or hold properly at base
- g. Use of Safety Belt is must while working at height above 2 meter
- h. Use Life lines for anchoring of Safety Belt where no other means is required
- i. Use intact rope for shifting tools and equipments at height
- j. Do not carry anything while climbing the ladder
- k. Cordon the below area

## 3. Material Lifting/Shifting Activity:-

- a. Use of Safety Shoes, Safety Helmet, Cut Resistance Hand Gloves, Goggles, Safety Belt and ladder is must for all the workers involved in Material Lifting / Shifting Activity working at height
- b. Lifting equipment (Crane, Hydra, Chain Pulley, Man Lift, Fork Lift) must be in good condition, no leakages and defects should be there provided with latch lock in hook.
- c. Submit a copy of Form No. 10 and Valid operator license to AmulFed Dairy in-charge.
- d. Lifting tackles i.e. wire rope Sling must be with cladding, Belts, D-shackles must be intact and no defects in it, Submit Form No. 10 for it.
- e. Equipments like hand trolley and rollers are in good conditions.
- f. Equipment must be selected based on load capacity considering material to be lifted /shifted.
- g. Lifted material must be tied with 3 meter or more length rope for guiding it.
- h. Cordon the surrounding area.
- i. Never left suspended load unattended.

## F. PENALTY:-

1. For Not following General Requirements, Penalty of Rs. 5000 for each violation / per day will be imposed.
2. For non availability and fulfillment of above listed documents penalty of Rs. 2000 for each violation / per day will be imposed.
3. For not using required PPEs at work, Penalty of Rs. 2000 for each violation will be imposed
4. For not using required safety equipments other than PPEs like welding blanket, Scaffold etc, Penalty of Rs. 2000 for each violation will be imposed.
5. For using Equipments other than specified make/standard/description (where specified) Penalty of Rs. 1000 per day will be imposed
6. For not following any Safety Guidelines while work for relevant work, Penalty of Rs. 5000 will be imposed.



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## Annexure

Sr. No	Description	SIZE	UNIT	Insulation thickness			
				Rate 25mm thk..	Rate 50mm thk..	Rate 75 mm thk..	Rate 100mm thk..
1	<b>Hot Insulation ( A )</b>	<b>N.B. PIPE</b>					
	Insulation Material : L.R.B. Matress,	1/2 "	Run. Mtr.				
	#. Density : 120 kg/m <sup>3</sup>	3/4 "	run. Mtr.				
	# Insulation thickness : 50 mm /25 mm thk.	1 "	run. Mtr.				
	# G.I.Wiremess : 3/4" * 24 gauge	1.5 "	run. Mtr.				
	# Sheet metal screw : 13 / 8.	2 "	run. Mtr.				
	# Measurement : As per IS 14164 : 1994.	2.5 "	run. Mtr.				
	# Cladding : Aluminium sheet 24 gauge.( IS : 737)	3 "	run. Mtr.				
	# LRB Matress of make Rockwool / Minwool rock fiber	4 "	run. Mtr.				
		6 "	run. Mtr.				
		8"	run. Mtr.				
		10"	run. Mtr.				
	<b>( B )</b>	<b>O.D. PIPE, SS</b>					



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	All items as above (As per scope given in cat A)	25.4 mm	run. Mtr.				
	Aluminium foil 46 gauge thk. Only on SS pipe surface	38.1 mm	run. Mtr.				
		50.8 mm	run. Mtr.				
		63.5 mm	run. Mtr.				
		76.2 mm	run. Mtr.				
		101.6 mm	run. Mtr.				
		125 mm	run. Mtr.				
		150 mm	run. Mtr.				
		200 mm	run. Mtr.				
	( C ) Tank & any surface area Insulation like boiler outlet etc. As per thk(25,50,75,100,150 mm).		Sq. mtr.				
<b>Sr. No</b>	<b>Description</b>	<b>SIZE</b>	<b>UNIT</b>				
2	Only Aluminium cladding charge with material aluminium :24 swg thk.		Sq. mtr.				
3	Removing old insulation ( Disposal of removed insulation material LRB, PUF, Themocoal, Nitrile in scope of Vendor)		Sq. mtr.				
4	Cold insulation PUF with density 40 kg/m3	<b>N.B. PIPE</b>					



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		1/2 "	run. Mtr.				
		3/4 "	run. Mtr.				
		1 "	run. Mtr.				
		1.5 "	run. Mtr.				
		2 "	run. Mtr.				
		2.5 "	run. Mtr.				
		3 "	run. Mtr.				
		4 "	run. Mtr.				
		6 "	run. Mtr.				
		8"	run. Mtr.				
		10"	run. Mtr.				
5	<b>Nitrile Rubber</b>		UOM	<b>Rate 13 mm thk.</b>	<b>Rate 19 mm thk.</b>	<b>Rate 25 mm thk.</b>	<b>Rate 38 mm thk.</b>
	<b>Armacel/ armaflax rubber 40-50 kg/m3 (without cladding)</b>		Sq. mtr.				
	<b>Armacel/ armaflax rubber 40-50 kg/m3, 1 Side Silver Coating (without Cladding)</b>		Sq. mtr.				

**\*GST 18% extra on above rate.**