

AFD: Civil: Inq: ARC_Alu & Glass_17-18

20th July 2017.

To,

Sub: - Inquiry for Annual Rate Contract For Aluminum & Glazing Work at AFD and PFP.

We are inviting your most competitive offer, quoting your lowest rate for above subjected work. Your offer must be sent in sealed reply envelope attached herewith by registered post / courier or by person. Mention “QUOTATION for ARC of Aluminum Work & Glazing work” on top of the offer reply envelope.

Detailed Technical Specification & Schedule of Rates as per enclosed Annexure: I & II

Last Date of Receipt of Quotation: 31st July 2017

➤ **General Terms & Conditions.**

1. Contractor has to quote rates considering work is to be carried out at AmulFed Dairy, Village: Bhat, as well as Packaging Film Plant at Sector – 25, Gandhinagar.
2. Your rates should be including of all material cost, labour cost, octroi, Transportation, loading, unloading at AmulFed Dairy.
3. Specify Tax Condition. GST, Service Tax, VAT, Work Contract Tax will be applicable or not. If tax condition is not specified your rates shall be considered as inclusive of all taxes.
4. If work is to be carried out in emergency basis or during Shutdown period, contractor should carry out work on emergency basis, night work shall be permitted under such intervention to meet production schedule.
5. Payment terms: 30 days after submission of bill based on JMS / JMR.
6. To the extent possible extra item shall be avoided. If however is necessary done as per site condition & is not envisaged in the current SOR we shall fix the rate base on competitive offers from the market which shall be binding to the contractor. Contractor should inform well in advance about the requirement of the extra item to us to get enough time to collect comparative offers.
7. All the legal/administrative records like muster roll, salary register, labour license, PF, ESI etc. to be maintained & submitted as and when required and contractor is responsible for labour laws and rules/regulations etc.
8. It is advisable to visit the site before quoting your rates.
9. Cleaning of site must be required after day-to-day work.

10. Your workmen should wear the identity card of your company while executing jobs at AFD, Gandhinagar.
11. In case, any of your workmen get injured due to Accident, while working within premises of AFD, or any damage to our equipment or property has taken place due to your workmen, you will repay the damages/losses.
12. We are ISO 9001:2004 QMS (Quality Management System), ISO 14001:2004 (Environmental Management System) ISO 22000:2005 FSS (Food & Safety System) certified unit. We expect you to follow eco-friendly process in your Company such as waste minimization, reduction in air pollution, waster pollution and soil Contamination etc.
13. Chewing pan masala, tobacco & smoking is strictly prohibited in AFD premises & Penalty is huge if any of your team is observed in duality in there action.
14. You shall be working in running factory and ensure that the day to day operations of the factory are not hampered in any way due to your activities. Any damages occurred by you shall be recovered. Proper barricading of the work area should be done to prevent dust dirt etc. in the environment.
15. Water and Electricity will be provided by AFD free of cost.
16. Safety is the utmost priority inside the premises & Contractor must ensure your team to follows all the safety norms (like use of PPE Personal Protective Equipments, fall protection, secured & safe staging, scaffolding etc.) A safety hand book shall be provided for ready reference if required.
17. Contractor shall indemnify AFD from any kind of losses due to the activities of the contractor.
18. Contractor shall take sufficient insurance, policy to safe guard himself from third party liability, workman compensation etc.

AmulFed Dairy shall not accept the offer, received later than the date mentioned above.

Yours faithfully,

For AmulFed Dairy

Annexure : I
Technical Specification and Schedule of Rates

Sr.No.	Item description	UOM	Material Supply Rate	Labour / Fitting Rate
1	Plain Glass of approved make like Saint-gobain, Modiguard of following types.			
a	4 mm Plain Glass	Sq.Ft.		
b	5 mm Plain Glass	Sq.Ft.		
c	6 mm Plain Glass	Sq.Ft.		
d	8 mm Plain Glass	Sq.Ft.		
e	12 mm Plain Glass	Sq.Ft.		
f	4mm Tinted figure Glass	Sq.Ft.		
2	4mm Bajari Glass	Sq.Ft.		
3	6mm Wire Glass of approved make like Saint-gobain, Modiguard or equivalent.	Sq.Ft.		
4	Approved quality stain free Mirror			
a	4 mm mirror	Sq.Ft.		
b	5 mm mirror	Sq.Ft.		
5	ISI make Floor Spring	Nos.		
5.a	P & F floor spring of Everite / Hardwin / Godrej make.	Nos.		
6	Approved ISI make Door Closer Everite / Hardwin / Godrej make.	Nos.		
7	P & F Aluminium Handle including necessary screws for following type.			
a	American type	Nos.		-----
b	Circular type	Nos.		-----
8	P & F SS bursh finish Handle of approved make like kitch or equivalent including necessary assessories of fixing etc. complete as directed.			
a	19mm dia 230mm - Long	Nos.		-----
b	19mm dia 250mm - Long	Nos.		-----
c	19mm dia 300mm - Long	Nos.		-----
d	19mm dia 400mm - Long	Nos.		-----
9	P & F Aluminium Stopper approved make like Dimond or equivalent including necessary screws.			
a	6" - Long	Nos.		-----
b	8" - Long	Nos.		-----
9.c	Providing & Fixing 12mm Dia & 12" long Heavy duty Aluminium aldrip including necessary drilling, fixing, hardware etc. complete as directed.	Nos.		-----
10	Providing & Fixing SS Hinges of standrad make including necessary screws for following sizes.			
a	4" - long	Nos.		-----
b	5" - long	Nos.		-----
11	Providing & Fixing Concelled type Door Lock of approved make like Godrej, Laxmi or equivalent.	Nos.		-----
12	P & F Hevy duty approved make Concealed window lock.	Nos.		-----
13	P & F Hevy duty approved make Concealed door stopper.	Nos.		-----
14	EPDM Rubber Gasket	Rft.		-----
15	Filling joints/ gaps with silicon Sealant.	Rft.		-----

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Sr.No.	Item description	UOM	Material Supply Rate	Labour / Fitting Rate
15a	Filling joint/gaps with silicon sealsant (180 ml cartage).	cartage		-----
16	Supply of plain aluminium sections & pipes of approved make like Jindal, Hindalco or equivalent.	Kg.		-----
17	P & F 2mm Aluminium Plates necessary screw etc.	Sq.Ft.		-----
18	Alluminium Glazing Clip.	Rft.		-----
19	Refixing of old glass with necs.cutting,edge grainding.	Sq.Ft.	-----	
20	Providing of Glass fixing Putti (Lapi).	Kg.		-----
21	4" X 2" wooden patti	Rft.		-----
22	12mm dia MS Rod			
a	2'-6" - Long	Nos.		-----
b	3'-0" - Long	Nos.		-----
c	3'-6" - Long	Nos.		-----
23	Providing & fixing SS Mosquito net in window, partition etc.	Sq.Ft.		-----
24	20 microne Powder coating of any colour / shed.	Sq.Ft.		-----
25	20 microne Colour anodise of any colour / shed.	Sq.Ft.		-----
26	Providing and fixing Sun control film of approved make like Garware and approved shed etc.	Sq.Ft.		-----
27	Removing & refixing of old Alu.section like partition, door and window including necessary modification,cutting etc. complete as direceted.	Sq.Ft.	-----	
28	Providing and Fixing Laminated MDF board - 12mm thick.	Sq.Ft.		-----
29	Providing and fixing Compact Sheet of approved make and colour shed etc.			
a	5 mm thick compect sheet	Sq.Ft.		-----
b	8 mm thick compect sheet	Sq.Ft.		-----
30	Providing and fixing aluminium 7mm Grill			
a	SAG 21 - 2"x2" hole	Sq.Ft.		-----
b	SAG 20 - 3"x3" hole	Sq.Ft.		-----
32	Providing and fixing partly paneled and partly glazed fixed partition with 20 microns SS finish anodizing. Aluminum frame of size - using heavy duty 2 mm thick section. With 5mm thick plain glass / wired glass, 5 mm thick both side pre laminated exterior grade compact sheet. Rate shall be inclusive of all accessories like glazing clip, rubber gasket, SS screw, wherever required for gap filling silicon sealant etc. complete as directed by engineer in charge.			
a	Do as above using 4" X 1.75" - 2mm thick aluminium sections.	Sq.Ft.		-----
b	Do as above using 2.5" X 1.5" - 2mm thick aluminium sections.	Sq.Ft.		-----

Annexure : I
Technical Specification and Schedule of Rates

Sr.No.	Item description	UOM	Material Supply Rate	Labour / Fitting Rate
33.a	Providing and fixing partly paneled and partly glazed door shutters with 20 microns SS finish anodizing. Aluminum frame of size - 100 x 44.5mm. Styles and rails as per the drg. With 5mm thick Plain / 6mm thick wired glass as top panel and 5 mm thick both side pre laminated exterior grade compact sheet as bottom panel. Rate shall be inclusive of weather strip / wool pile, SS heavy duty hinges, SS 304 handle of 19 mm dia. and 300 mm long of KICH or equivalent make, concealed dead lock, stopper of 200 mm. Rate shall be inclusive of all accessories like glazing clip, rubber gasket, SS screw, wherever required for gap filling by silicone sealant etc. complete as directed.	Sq.Ft.		-----
33.b	Providing and fixing three/two track sliding aluminum windows with aluminum frame and intermediate members with 20 micron SS finish anodizing with 5mm thick plain / 6mm thick wired glass and SS heavy duty mosquito net jali. All aluminum sections shall be of square section with size of 50 + 3 mm and having wall thickness of minimum 2 mm. Rate shall be inclusive of all accessories like concelead window lock, glazing clip, rubber gasket, SS screw, wherever required for gap filling by silicone sealant etc. complete as directed.	Sq.Ft.		-----
34	Supply of skilled fabricator	Nos.	-----	
35	Supply of un skilled helper	Nos.	-----	
36	Transportation / Local freight.	Trip	-----	

ALUMINIUM WORKS SPECIFICATIONS

SECTION `A' GENERAL

1. **DIMENSIONS:** Figured dimensions are in all cases to be accepted in preference to scaled sizes. Large scale details take precedence over small scale drawings. In case of discrepancy the Contractor shall ask for clarification before proceeding with the work.
2. **CONTRACTOR TO INCLUDE IN HIS RATES:** The Contractor shall include in his rates for all the items listed in this section.
3. **CONTRACTOR TO INSPECT SITE:** The Contractor shall visit and examine the construction Site and satisfy himself as to the nature of the existing means of communication the extent and magnitude of the work and facilities for obtaining materials and shall obtain generally his own information on all matters affecting the work. No extra charge made in consequence of any misunderstanding or incorrect information on any of these points or on the ground of Insufficient description will be allowed. All expense incurred by the Contractor in connection with obtaining information for submitting this tender including his visits to the Site or efforts in compiling the tender shall be borne by the Tenderer and no claims for reimbursement thereof shall be entertained.
4. **ACCESS FOR INSPECTION:** The Contractor is to provide at all times during the progress of the works and the maintenance period proper means of access, with ladders, gangways etc. and the necessary attendance to move and adapt as directed for the inspection or measurement of the works by the Architects or their representatives.
9. **MATERIALS, WORKMANSHIP & SAMPLES:** Materials shall be of approved quality and the best of their kind available and shall generally conform to I.S. specifications. The Contractor shall order all the materials required for the execution of work as early as necessary and ensure that such materials are on Site well ahead of requirement for use in the work. The work involved calls for high standard of workmanship combined with speed and to the entire satisfaction of the Architects or Engineer-in-charge.
10. **FOREMAN AND TRADESMAN:** All tradesman shall be experienced men properly equipped with suitable tools for carrying out the work in a first class manner and where the Architects deem necessary, the Contractor shall provide any such tools, special or ordinary, which are considered necessary for carrying out of the work in a proper manner.

All such tradesman shall work under an experienced and properly trained Foreman, who shall be capable of reading and understanding all drawings, pertaining to the work.
11. **PROTECTION:** The Contractor shall protect all doors, windows, curtain wall glazing, etc. work throughout the duration of work until completion.
12. **PREPARATION OF BUILDING FOR OCCUPATION AND USE ON COMPLETION:** The whole of the work shall be thoroughly inspected by the Contractor and all deficiencies and defects put right. On completion of such inspection, the Contractor shall inform the Architects or Engineer – in - charge in writing that he has finished the work and it is ready for the Architect's inspection.
13. **RATES TO INCLUDE:** The rates quoted shall be for all heights and depths and for finished work.
14. **TESTING OF WORK AND MATERIALS:** The Contractors shall if required by the Engineer – in - charge, arrange to test materials and or portions of the works at his own cost in order to prove their

Title – Aluminium Works

soundness and efficiency. If after any such test the work or portion of works is found in the opinion of the Architects to be defective / Unsound, the Contractor shall pull down and redo the same at his own cost. Defective materials shall immediately be removed from the Site.

Title – Aluminium Works

ALUMINIUM DOOR & WINDOWS**Preamble:**

The rate for various items shall include the following:

1. All Aluminium sections shall confirm to IS (India) Alloy Specification - 63400.
 2. Providing & Fixing at all heights / all floors with all leads 20 micron anodized aluminium sections for doors / windows / glazing manufactured from best extruded aluminium sections from Jindal confirming to IS, cut to length and joints mitered, corners grinded with joints, water proof the outer frame and shutter frame stiffened with corner angle cleats,
- (d) Approved make selected clear glass (clear / frosted) / wired glass of specified thickness (5 to 12mm) as mentioned in the drawings shall be used in doors. Wired glass / frosted glass louvers shall be provided wherever shown in the drawings after grinding the edges.
- (e) Necessary hardware like locking arrangement with pin cylinder locks, dead locks, mortised locks, SS baby latch (occupied / vacant) SS push / pull or mortised handle, heavy quality hinges / pivot, concealed tower bolts, etc., of approved make & design (by Architect) as per the drawings and as per SOQ. Floor springs and door closer shall be measured and paid as per mentioned in BOQ / SOQ.
- (f) All gaskets used shall be 100% EPDM / siliconised rubbers gaskets of approved colour for long life guarantee.
- (i) The rates shall also be inclusive of providing and applying neutral grade silicone sealant of approved make weather or structural with ordinary gun or compressed air operated gun as per the requirement and making the joints around aluminum doors, windows curtain wall glazing etc. watertight, on the external periphery of the building at the junction of two different materials as directed by the Architect and site engineer.
- (m) Double action hydraulic floor springs of approved make with minimum one year guarantee. The floor springs shall be of least possible thickness.
- (n) Details/arrangements for after sales/maintenance services shall be furnished.
- (o) Work shall be carried out in co-operation and in coordination with all other agencies working at Site.
- (p) The civil work as required for fixing of floor springs, hold fast or other works required for the erection and completion of doors/windows etc.
- (q) Any damage, if caused to the existing work done by other agencies, shall be reinstated by the Contractor to its original condition without any extra cost.
- (r) During the course of work, the Contractor shall pay due care to avoid any stains on the powder coating work and if required, the Contractors shall provide necessary protective arrangement as directed by the Architects for which no extra payments shall be made. After the installation is completed, if required by the Architects, the aluminum work shall be washed with mild solution of non alkali soap and water.
- (s) The Contractor shall be responsible for the windows/doors/curtain wall glazing/grills etc. being set straight, in plumb level and for their satisfactory operations after the fixing is completed.
- (t) Wherever required and as directed strengthening of members shall be done by providing steel/M.S. concealed members without extra cost.

Title – Aluminium Works

- (u) Hydraulic door closer of approved make with minimum one year guarantee as and where shown in the drawings and as directed.

The Contractor shall have to give a guarantee bond, for the Hydraulic door closer, on appropriate Stamp paper for a period of 1 year. In this period he shall attend to and rectify all complaints without causing any inconvenience to the Owners/Client. The form of Guarantee Bond shall be as prescribed below:

"I/We (Contractor) hereby guarantee that the hydraulic door closers shall remain unaffected and shall not be in any way damaged by normal usage, pulls and pushes, for a period of 1 year after the completion of the work of supplying & fixing the Hydraulic Door Closers to aluminium doors as per the terms and conditions of the contract and guarantees to redo the affected work without claiming any extra cost."

- (v) Work shall be measured in clear surface area of doors / windows/ glazing etc., in sq. mtrs and rates to include all cost of all the materials including wastages like aluminium sections, glass, compact sheet, wire mesh, hardware like handles, locks, hinges, aldrops, stoppers, EPDM rubber, silica gel, sealant etc., all complete as per the drawings, specifications & as per the direction of engineer-in-charge. Consolidated rate for materials, hardware & labour to be quoted. Only floor springs & hydraulic closer will be measured separately and paid in relevant tender item.