



(Previously Known as Mother Dairy, Gandhinagar)

Request for Quotation (RFQ)

MDG: PUR: HSG: Servo PLC

02 March, 2021

To,

Dear Sir,

Sub: **Request for Quotation (RFQ)** for "Servo system for puller IS-6-SFL" as mentioned in annexure.

We invite your most competitive offer for Servo PLC system as per detailed specifications. Your offer should be based on following considerations:

1. The offer should reach:-AmulFed Dairy (Previously known as Mother Dairy-A Unit Of GCMMF Ltd) Plot No-35, Nr. Indira Bridge, Ahmedabad - Gandhinagar Highway. Village Bhat, Dist - Gandhinagar. Pin - 382 424.

2. Due Date: March, **14 2022, Before 17:00 hours**

3. The offer should be submitted in sealed cover super scribing on the top left hand corner offer for AFD: PUR: HSG: "Servo system for puller IS-6-SFL "If it is not super scribed it can be liable for rejection.

4. Offer received after due date for whatsoever reason may be rejected. We will not be responsible for postal delays.

5. Offer should valid for acceptance for 60 days from date for submission of offer.

6. The price should be quoted with all details.

7. **Specify your tax condition.** Non indication of above levies will mean that prices are inclusive of all taxes and above levies.

8. Realistic and earliest completion period should be indicated in offer.

9. It will not be binding on us to accept the lowest offer.

10. Right to accept/reject any/all offers without assigning reason is reserved by us.

11. Offers which are incomplete or not meeting the conditions are liable for rejection.

12. Payment terms against successful installation & trial run within 20-30 days. If the payment term is document through bank, all banking charges shall be borne by the suppliers.

13. **Herewith this we are attaching vendor registration form please fill it up & provide along with offer, without vendor form offer must not consider.**

AmulFed Dairy

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

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We are an ISO 9001: 2008, ISO 14001:2004 and ISO 22000:2005 company; we follow sustainable eco-friendly processes in our organization and expect the same to be followed at your end. We emphasis on energy efficient system and utilization of renewable energy systems in a eco friendly and sustainable way.

Note: If required please visit premises with prior confirmation before quote. Please arrange visit between 2:00 P.M. to 5:00 P.M. in working day. In reverse auction only technical eligible vendors will be invited to participate and result/outcome of reverse auction shall be considered as final & binding to all.

Mail id as mentioned below.

Shri Hardik Gajjar : hardik.gajjar@amul.coop

Shri Sunil Sharma : sunil@amul.coop

Shri Chandrakant Trivedi : chandrakant.trivedi@amul.coop

Yours Faithfully,

For AmulFed Dairy,

Purchase Depart.

ANNEXURE - DETAILED SCOPE OF WORK FOR SERVO SYSTEM IN IS-6 FFS M/C

- 1) Puller System should operate through Servo, PLC & HMI with eye mark sensing system on different operation mode like Photo-Off- Plain.
- 2) Production data should be available on HMI
- 3) HMI should operate & data should reset through password only
- 4) Batch counter & volume size should be set through HMI
- 5) Each electrical components of servo system should install inside FFS machine panel
- 6) Photo mark system with tripping relay during error (Milk filling should OFF During photo cell Error)
- 7) Performance report of machine should be available on HMI
- 8) Separate PLC required for each head, i.e. two PLC per machine. PLC also having a facility of further expansion in future.
- 9) One HMI required for Controlling operation of both the Heads (Make :Delta)
- 10) Supplier Should Provide and Fit HMI Cover – Front Side Acrylic &Rear Side –SS304 (As per AFD sample)
- 11) Make of Gear Box –Bonfinglioli. Make of Servo Motor (400Watt) – Delta. Make of Servo Drive (0.4KW)-Delta. Servo Coupler – Transco Make or Equivalent to it.
- 12) Complete operation of machine should operate with the PLC. For that one proximity required for HOME Position.
- 13) We will Provide Existing Electrical Panel Plate of FFS MC to supplier for Fitments of PLC, SERVO DRIVE, Power Supply,SSR, Relaycard and other Electrical Accessories with necessary wiring work. Supplier should attend necessary all wiring on Site with Proper Color code of Cables and ferrules.
- 14) Pouch Counting system should cover in System
- 15) Automatic Homing system should require
- 16) Last pouch length should display on HMI
- 17) Each spares of system should replace with other machine or head (Standardization of spares)
- 18) Minimum two years repairing as well as replacement guaranty require from the supplier for this system.
- 19) Supplier should provide Program & Software Installed in System
- 20) Fitting of Servo Motor and Gear Box on “ C shape” SS Plate (6MM Thick) with proper strength. Also ensure to cover all holes machine side(Dummy Plate-SS).
- 21) Operation should be easy and operator friendly like as below
 - a. Photo mark, plain and Off option should be available thro’ selector Switch (3 Positional Selector switch)

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- b. Tripping relay for photo mark error should operate whenever filling switch ON.

If supplier wish, visit AFD and understand the work related to Servo System for Puller& Panel Modifications.

Material List for 1 MC-2 Head

Sr. No	Item	Make	Model	Qty				
1	PLC	Delta	PLC-DVP28SV	2				
2	EXPANSION UNIT	Delta	DVP-16SP	2				
3	EXPANSION UNIT	Delta	DVP-08SM	2				
4	HMI	Delta	DOP-B07S411 / DOP107CV	1				
5	Servo Drive(It Should Be Inter changeable with Existing Servo Drive-Provide cables if required)	Delta	400W,ASD-B0421-A	2				
6	Servo Motor	Delta	ECMA-E30604ES,0.4KW	2				
7	Power Supply	Delta	10A	1				
8	MCB & RCCB	L&T	<table border="1" style="width: 100%;"> <tr> <td>DP, 2 AMP</td> <td style="text-align: center;">3</td> </tr> <tr> <td>DP, 6 AMP</td> <td style="text-align: center;">7</td> </tr> </table>	DP, 2 AMP	3	DP, 6 AMP	7	Total-10NOS
DP, 2 AMP	3							
DP, 6 AMP	7							
9	SSR (With 1year replacement Guarantee)	Unison	<table border="1" style="width: 100%;"> <tr> <td>24V DC TO 230V AC</td> <td style="text-align: center;">6</td> </tr> <tr> <td>24v dc to 24 v dc-25A</td> <td style="text-align: center;">4</td> </tr> </table>	24V DC TO 230V AC	6	24v dc to 24 v dc-25A	4	TOTAL-10NOS
24V DC TO 230V AC	6							
24v dc to 24 v dc-25A	4							
10	Relay Card	Phoenix	8-channel(1 NO/1 NC) 4-channel(1 NO/1 NC)	4 NOS 2 NOS				
11	1) Gear Box with Shaft and Mounting Plate-SS-304 (6MM Thick ness). 2)Dummy Plate-SS-304-4mm thickness, 3) Shaft-SS304, Collar-4Nos. With SS Grub Screw	Bonfinglioli	VF-44 V 7P71 B5 B3 MOUNT POS-B3 l=7	2				
12	Isolation Transformer		1.5KVA	1				
13	Proxy Stand –SS-304-40*180mm*2mm thickness-capsule hole-18.5mm*160 (As per our Sample)	Fabricated		4nos.				
14	Cable	Finolex/RR /Polycab	1)0.75sq mm for Control Wiring with Lugs and Ferrules 2) 1.5 sq mm for Power Wiring with Lugs and Ferrules	As per Actual				



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VENDOR REGISTRATION FORM

(FOR AUTHORIZED, DISTRIBUTORS/DEALERS/STOCKISTS, TRADERS, SERVICE PROVIDERS)

1. Category Item/Service
for : which registration is sought
2. Name of Firm :
3. Address of Reg. Office : E-mail :
Phone (with STD Code) :
4. (a) Name of Contact Person :
(b) Status of the firm : (Outside Gujarat, If any)
5. In case, Partnership firm :
(a)
(b)
(c)
6. If Proprietary Concern – Name :
7. If Private/Public Ltd. Co. :
(Memorandum of Association to be enclosed)
8. Year of Establishment of the firm :
9. Category of items handled by you and their details :

Item catg.	Size	Make	Manufacturer	Name
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of Agency (Enclose a copy of Dealership/Agency approval letter from manufacturers)

10. Name and address of the dealer / depot from where you get delivery of item offered to us :
11. Please enclose details of Manufacturer of the products offered to us :
12. GST No. :
13. PAN No :
14. Excise Reg. No. :

(Please enclosed Photocopies of above registration certificates)

15. Last 03 Years Sales (Business) of your firm (Avg. in Rs. Lacs):
I (From to) Rs.
II (From to) Rs.
III (From to) Rs.

16. List of leading buyers from you for the products (services) offered to us
17. Item Category Name and address of buyer Annual business (Rs. Lacs)
18. Name of Bankers
19. IT Clearance certificate no. and date (Enclose a copy)
20. Latest annual report/ Auditor's Certificate
21. In case you are/were a supplier / service provider to co-op. dairies in Gujarat, please mention (If yes then attach purchase order copy with this form)
(a) Name of dairy
(b) Item supplied

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- (c) Quantities supplied per year
22. If the business is discontinued with any of the reasons :
23. Whether any of your relatives are working with us or with our member dairies, if so, details
24. Please enclose product catalogs, specification, standard price list etc. for the item category being offered to us.
25. FSSAI No (If applicable) - _____ Valid From _____ Valid Upto _____

Kindly attach a copy of the same.

26. Any other information you would like to furnish to us.

THE ABOVE INFORMATION IS TRUE IN ALL RESPECTS AND WE UNDERTAKE TO INFIRM YOU IF ANY CHANGE IN THE ABOVE PARTICULARS REGARDING OUR BUSINESS FROM TIME TO TIME.

PLACE :

SIGNATURE OF AUTHORISED REPRESENTATIVE

DATE :

OF THE FIRM UNDER PROPER SEAL

FOR OFFICE USE

VENDOR NO:

★ INFORMATION RECEIVED IS FOUND TO BE SATISFACTORY

ENDORSED BY

RECOMMENDED

APPROVED

PURCHASE EXECUTIVE

TEAM LEADER

GENERAL MANAGER

PURCHASE

CHECKLIST OF DOCUMENTS TO BE SUBMITTED

- COPY OF PAN CARD
- COPY OF GST REGISTRATION
- COPY OF BALANCE SHEET OF LAST THREE YEARS
- COPY OF TIN REGISTRATION
- COPY OF MSMED REGISTRATION

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- COPY OF INCOME TAX RETURN OF LAST THREE YEARS
- COPY OF ISO CERTIFICATIONS (IF ANY)
- COPY OF SERVICE TAX REGISTRATION

PLEASE SEND THE FILLED FORM ALONG WITH ALL DOCUMENTS AS MENTIONED ABOVE TO THE FOLLOWING ADDRESS:

GENERAL MANAGER

AMULFED DAIRY, (A UNIT OF GCMMF LTD)

PLOT NO 35, Nr. INDIRA BRIDGE,

AHMEDABAD-GANDHINAGAR HIGHWAY,

P.O. BHAT- 382428 GANDHINAGAR