

**milma**

THIRUVANANTHAPURAM DAIRY

[ISO 9001:2015 & ISO 22000;2005 certified]

P.B. No 4, Ambalathara, Poonthura P.O, Thiruvananthapuram – 695 026

Fax : 0471 – 2382192, E-mail :

milmatd@gmail.com, trcmpud@milma.com

GST.No.32AAAAT9795J3ZV Web : www.milmatrcmpu.com

No: 103/TVD/ENGG/2026-27

03.06.2026

TENDER NOTICE

Sealed/Email competitive tenders are invited from reputed and experienced firms/agencies for carrying out Non Comprehensive Maintenance Contract (MC) for Plant Automation System for 6 months at Milk Processing Plant Automation & Electrical Systems at Thiruvananthapuram Dairy.

Scope of Work

Service Support on

- PLCs, Related modules and electronic fittings and connectors
 - Siemens S7-400 PLC system
 - ET 200 distributed I/O modules
 - Allen-Bradley PLC (20 KLPH)
 - WinCC SCADA system (Atman Solutions)
- Mixproof Valves
- Pneumatic Valves
- Raw Milk Receiving Dock (RMRD)
- CIP Automation Systems
- 20 KLPH Pasteuriser Automation System
- 10 KLPH Pasteuriser Automation System
- Valve Clusters related to:
 - HMST
 - Raw Milk Silos
 - Processed Milk Silos
- Automation-related Personal Computers

- PLC Communication Systems
- Industrial Networking Systems and Accessories
- Troubleshooting, Preventive Maintenance, Breakdown Maintenance, Calibration Support, and Software/Hardware Support for the complete automation system.
- Breakdown support services:
 - Scheduled preventive visits
 - Emergency breakdown visits
 - 24x7 remote technical support

The Maintenance Contract (MC) for automation systems at the dairy plant shall be carried out as per the following preventive and breakdown maintenance schedule to ensure uninterrupted operation of process automation equipment including PLC, SCADA, Mixproof Valves, Pneumatic Valves, CIP Systems, Pasteurisers, Valve Clusters, HMST, Raw Milk Silos, and Process Milk Silos.

Planned Preventive Maintenance Visits

The service provider shall conduct **2 planned preventive maintenance visits** preferably once in every quarter.

Sl. No	Schedule	Tentative Month	Scope
1	1st Visit	June	System health check, PLC/SCADA diagnostics, backup verification. Calibration check, valve operation testing, communication checks, Preventive inspection, firmware/software verification, troubleshooting, Complete system audit, performance evaluation, preventive servicing
2	2nd Visit	September	System health check, PLC/SCADA diagnostics, backup verification. Calibration check, valve operation testing, communication checks, Preventive inspection, firmware/software verification, troubleshooting, Complete system audit, performance evaluation, preventive servicing

Emergency / Breakdown Visits

- Emergency breakdown support shall be provided on call basis throughout the MC period.

- Maximum response time shall be within **24-48 hours** from reporting of complaint.
- Breakdown visits shall include fault identification, troubleshooting, software restoration, and system stabilization.

Activities During Preventive Visits

The following activities shall be carried out during each scheduled visit:

- Checking PLC, SCADA, HMI, and communication modules
- Verification of I/O status and diagnostics
- Inspection of Mixproof and Pneumatic Valve operations
- Checking CIP automation sequences
- Backup of PLC and SCADA programs
- Verification of interlocks and alarms
- Checking field instruments and signal integrity
- Inspection of control panels and power supply modules
- System performance evaluation and recommendations
- Submission of service report after completion of visit

Support Services

- Telephonic and remote support shall be available during the MC period.
- Minor software modifications and troubleshooting support shall be included.
- Spare parts replacement (Spare supply – Milma scope), if required, shall be arranged.

Eligibility Criteria

Interested bidders should have:

- Minimum 3 years' experience in industrial automation/PLC/SCADA maintenance.
- Experience in dairy/food processing automation preferred.
- Reputed channel partner of Siemens
- Valid GST registration and PAN.

Tender Details

- **Tender document available from: 05.06.2026**
- **Pre Bid Meeting : 10.06.2026**
- **Last date for submission: 16.06.2026 up to 02:00 PM**
- **Date of opening: 16.06.2026 up to 02:30 PM**
- **General Conditions**

1. Rates shall be quoted inclusive of all charges except GST.
2. The contract shall be only for 6 months.
3. The undersigned reserves the right to accept or reject any or all tenders without assigning any reason.
4. The Bidder should participate the Pre Bid meeting to aware the present status/type of installation.

For detailed specifications and tender conditions, interested parties may contact the Engineering Section, Thiruvananthapuram Dairy during office hours.

Contact Person : Sanil R T
Dairy Engineer
9656800640

JESSY R S
Unit Head