



## **KOLHAPUR ZILLA SAHAKARI DUDH UTPADAK SANGH LTD., KOLHAPUR**

### **GENERAL TERMS & CONDITIONS OF TENDER**

1. The Bidder should have design back up to carry out such jobs on Turn Key basis and must have executed in the last five years at least 3 contracts of similar nature having equivalent or more value.
2. The job should be treated as 'TURN KEY' excluding civil work. Details as regards scope of work, technical details of required equipment are given in the Annexure – I given herewith.
3. The Bidder should submit the offer in a prescribed format on their letterhead. Commercial bid (price details) and Technical bid (Technical details, ) are to be given in separate envelops & both envelops are to be submitted in a sealed envelope marked as "**TENDER FOR PLC REDUDANCY SYSTEM**".
4. The offer should be valid at least for 90 days from the date of submission.
5. The bid must be accompanied by Earnest Money Deposit of Rs. 5,00,000/- in the form of demand draft issued in favor of Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd. OR RTGS. Bids not accompanied with EMD will be summarily rejected . EMD amount may be forfeited if bidder withdraws it's bid during period of bid validity or if successful bidder fails to sign the contract. A tender without Earnest money deposit will not be considered

#### **RTGS details**

Name of Project Authority	Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., Kolhapur
Address of Project Authority	B-1, MIDC, Gokul Shirgaon, Tal Karvir, Dist. Kolhapur, State Maharashtra Pin Code 416 234
Name of Bank	Bank of Maharashtra
Bank A/c No.	60182028384
IFSC Code	MAHB0001575
Branch Name & Address	B-1, MIDC, Gokul Shirgaon, Tal Karvir, Dist. Kolhapur, State Maharashtra Pin Code 416 234

6. No escalation in the price will be given once the order is finalized.
7. The earnest money of the successful Contractor will be transferred to security deposit.
8. Work is to be carried out without hampering routine work of our Milk Plant.
9. Interested Bidder should visit the work place to know the exact working condition , working scope and verify the specification before submitting their offer. This visit is mandatory.

**10. Payment Terms-**

- a. 30% advance of total contract value (Excluding GST) will be given as an advance after getting order acceptance and on submission of Bank Guarantee of equivalent amount of nationalized bank.
- b. Next 40% payment of supply items along with GST will be released on safe receipt of equipment / material at site.
- c. Next 20% payment of supply items will be released after satisfactory installation, commissioning and one month successful trial of system.
- d. Final 10% amount of total contract value (excluding GST) will be released after satisfactory completion of job on submission of Performance Bank Guarantee for equivalent amount valid for a period of 1 year

11. Sealed Tender offer should reach our office at B-1, MIDC, Gokul Shirgaon, Kolhapur on or before **01/08/2024**.

12. We reserve the right to accept or reject any bid and rejection of all bids at any time prior to award of contract

13. Subject to Kolhapur Jurisdiction.

14. We reserve right to accept or rejects any bid, postpone bidding process and reject all bids at anytime prior to award of contract.

15. All the Tender documents should be signed as acceptance of Bidder.

**16. The bidder has to submit the following documents**

- a. Valid GST registration certificate.
- b. Proof regarding payment of E.M.D.
- c. Experience Certificate
- d. **Valid Documentation of Rockwell Automation Partner Network Certifications as a "GOLD SYSTEM INTEGRATOR"**

17. The right to ignore any tender which fails to comply with the above instructions is reserved with the Managing Director, Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd..

18. The bidder or his authorized representative must be present at the time of opening the tender.

19. The price quoted for the items should be F.O.R. at Gokul Dairy Plant ,Gokul Shirgaon unit inclusive of all charges for packing, forwarding, transportation, loading, unloading, shifting to location, transit insurance, assembling, erection, installation, commissioning, trial run, training etc. complete on TURN KEY BASIS.

20. Warranty - One year comprehensive after successful commissioning.

21. The offer should be inclusive of all the taxes, duties, levies & GST as applicable.

22. The party should furnish necessary details about Income tax clearance (for the last three financial years), along with details of turnover. The party should furnish client's list where such type of works are completed satisfactorily along with certificates. The party should furnish client's report regarding satisfactory performance of the machines. The party should also furnish necessary details about R & D facilities, Quality Control facilities, number of persons employed, after sales service network etc.

23. Bidder should have turnover of Rs. 5,00,00,000/- per Year for Last 3 year and should submitted necessary balance sheet for validation.

24. Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd. reserves the right to reject the item either in full or in part, if at the time of delivery, the items supplied do not confirm to the quality and technical specification as stipulated in the tender.
25. The conditional, incomplete, defective or ambiguous tenders, as decided by the Managing Director, Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., shall be rejected.
26. Party should also visit Gokul Dairy Plant, Gokul Shirgaon from 10.00 am to 17.30 pm. & have discussions for clarifications if any. Party should visit the site & inspect the space availability in the Dairy for suitability of accommodation of material. **This visit is mandatory for the bidder** before submission of the tender.
27. If the bidder fails to complete the supply/complete the work within the period prescribed, the Managing Director, Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., shall be entitled, at his option, to recover from the bidder, as penalty a sum equivalent to 0.25% of the total cost for delay of each week or part thereof during which supply/installation is delayed, subject to the maximum of 3% of the tendered cost of the contract.
28. **REJECTION OF DEFECTIVE MATERIAL** : The supply of material, as well as their installation and commissioning shall have to be carried out by the bidder to the entire satisfaction of Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd.. If the plant, machinery and equipment is found to be defective or found to have failed to fulfill the requirements of the contract or develop defects after commissioning within a period of 12 months from the date of satisfactory trials, the Managing Director, Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., shall be entitled to give a notice to the bidder indicating details of such defects or failure and the bidder shall forthwith make the defective plant good or alter the same to make it comply with the requirements of the contract at his own cost. Further, if in the opinion of the Managing Director, Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., the defects of such nature, cannot be made good or repaired without impairing the efficiency of workability of the plant, the bidder shall replace the same with the plant, machinery and equipment- conforming to the stipulated specifications in all respects at the cost and risk of the contractor. Should the contractor fail to do so, within a reasonable time, the Managing Director, Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., may reject and replace it at the cost and risk of the bidder.
29. **FINAL TEST AND TRIAL RUN**: Each machine/equipment shall first be tried out and satisfactorily commissioned by the bidder. After satisfactory commissioning, a joint trial shall be conducted by the bidder and the representative of Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., for a period of consecutive 8 days without interruption.
30. During the erection, commissioning and trial runs, the bidder shall train the staff of the Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., for operation and maintenance of the machinery and equipment.
31. The bidder shall supply:-
- a) Three sets of hard copy of service and maintenance manual for each machine / equipments.
  - b) Three sets of hard copy of operating instructions for each machine/equipment.
  - c) Any other technical literature/drawing (Electrical, P & ID, PLC Panel Drawing, Networking Drawing, equipment drawings) required by Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd. in three sets of hard copies.

32. Soft copy of all above.
33. Bidder should submit the working drawing to Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd. before executing the work..
34. The bidder shall arrange for insurance etc. of his people employed for erection and installation work as per ESIS ACT, WORKMEN COMPENSATION ACT, and any other provision to meet statutory requirements of various Labour Acts/Rules. In case of accident to any of his person in his employment or agents during the period of installation & commissioning, the office of the Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd. shall not bear any liability whatsoever. The entire responsibility primary and final in this respect will be that of bidder. No any type of accommodation, food & travel expenses will not be provided by us to your employees or workers. The safety equipments should be used at the time of work by your employees & workers.
35. The minor modifications in layout to suit the site requirements / conditions shall be undertaken by the party within the cost of the tender.
36. RESPONSIBILITY FOR COMPLETING THE CONTRACT :
- i. The responsibility for completing the contract and commissioning the plant, machinery and equipment rests with the bidder. Any items which may not be specifically mentioned in the tender specifications, but which are necessary to be provided to complete the installation, commissioning work, the bidders should bring out such items in the tender separately and their charges/value should be included in the tender offer by giving specific details.
  - ii. It shall be the responsibility of the successful bidder to have comprehensively insured the goods against any risk i.e. against the damages that may be caused during the stage of transition, execution, trials, fire, theft etc. till final handing over of the entire equipment to Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd. after satisfactory trials.
  - iii. The bidder should furnish details of relevant past experience, along with the list of clients and with details of orders for similar jobs executed.
37. Contacting the purchaser (Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd.): - From the time of tender opening to the time of contract award, if any bidder wishes to contact Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd. on any matter related to the tender, it should do so in writing. Any effort by a bidder to influence the Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd. in its decision on evaluation, tender comparison or contract award may result in the rejection of the tender.
38. Clarifications: -
- i. During evaluation, Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd. may, at its discretion, ask the bidder for the clarification of its tender. The request for clarification and the response shall be in writing and no change in the prices or the substance of the tender shall be sought, offered or permitted.
39. For disputes, if any, the decision of the Chairman, Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., shall be final.
40. The total charges mentioned in the Tender are inclusive of all the Taxes and

Duties, any change in the same after submitting the offer shall be a responsibility of the bidder.

41. The successful bidder has to enter into the 'Contract Agreement', if required, for completion of the job, performance guarantee, etc., before disbursement of any payment.

42. The successful bidder shall maintain a register to maintain record of daily progress of the project

- i. work and shall take the signature of the concerned person in that register, on the same day.
- ii. This register shall be produced before the project authority, as and when asked, during the progress of the project / work and shall be submitted after the completion of the project / work.

43. The Contractor shall not sublet the contract without our written permission.

Managing Director

**KOLHAPUR ZILLA SAHAKARI DUDH UTAPADAK SANGH LTD., KOLAHAPUR**

**GENERAL:**

**Preamble:**

We propose state of the art energy efficient, safe, sustainable, and easy to operate /maintain design, supply, and installation & commissioning of PLC Redundancy System at Gokul Plant , Gokul Shirgaon

We have the pleasure to approach you for submission of offer for the Design, Supply, Installation, Testing and Commissioning of the PLC Redundancy System as per following Specifications.

**Prices:** The Price quoted shall be all inclusive till site basis covering below:

GST: To be quoted separately

Transit and Site Insurance: To be included in Price

Packing and Forwarding: To be included in Price.

Freight: To be included in price.

Completion Period: Total 4 Month from the date receipt of purchase order

ANNEXURE - I

**Technical Specifications of PLC Redudancy System**

**Scope of Supply**

**Supply of Allen Bradley Make Integrated Control System**

Considering 1NO 1756 series 40 MB controller

Considering 1 no 13 slot rack

Considering 5 no Dual port Ethernet module (1756-EN2TR)

Considering 4 no single port Ethernet module (1756-EN2T)

Considering 2 No redundant Module (1756-RM2)

Considering 2 no 8 Port Lightly Managed Switch

Considering Ethernet Patch cord , Ethernet cable and Ethernet cable extender as needed

**Supply of SS 304 Control Panel**

Considering 1 Nos. SS304 Local Make Control Panel

**Considering Off-Line Application Development**

Considering PLC Logics Development – As per Process Philosophy

Considering SCADA Software Development – As per Process Philosophy

Control Panel Installation & field connection termination

**ANNEXURE: 1.**

S/N.	Item Code	Part Description	Qty.
1	1756-A13	13 Slot ControlLogix Chassis	1Nos.
2	1756-PAR2	ControlLogix, 85-265 VAC Redundant Power Supply Assembly	1Nos.
3	1756-L85E	ControlLogix 5580 Controller with 40 MB User Memory, USB Port, 1 gigabit (Gb) Ethernet port, 300 EtherNet/IP Devices, 4 Character Alpha/Numeric Display.	1Nos.
4	1756-EN2TR	EtherNet/IP communication module, dual port, 10/100M twisted pair, 128 TCP connections	5Nos.
5	1756-EN2T	EtherNet/IP communication module, 10/100M twisted pair, 128 TCP connections	4Nos.
6	1756-RM2	Redundancy Module	2Nos.
7	1756-RMC10	Fiber Cable, 10 Meter	2Nos.



8	1756-N2	Slot Filler module for standard ControlLogix chassis	4Nos.
9	1783-LMS8	Stratix 2500 Switch, Lightly Managed with 8x10/100BaseT	2Nos.

**ANNEXURE: 2.**

S/N.	Description / Specifications	Make	Qty.
1	SS304 PLC panel: 1800 x 1400 x 400 mm (H x W x D) + 100 and Thickness	Rittal	1
2	10 AMP Power Supply with Redudancy	Allen bradly	2
3	Tube light	Bajaj	2
4	Door Limit switch	KAYCEE	2
5	4" Fan + filter + Louver		2
6	Utility socket	Anchor	1
7	Indicating lamp 230 VAC	Siemens	1
8	Indicating lamp 24 VDC	Siemens	1
9	Indicating lamp 24 VAC	Siemens	1
11	MCB 32AMP 2 Pole for Main Incomer	Siemens	1
12	MCB 6AMP 2 Pole for Utility Socket	Siemens	2
13	MCB 2A 2P (PLC P/S,)	Siemens	2
14	MCB 2A SP (Ethernet Switch, FAN,)	Siemens	2
15	Power Terminals CTS 4U Sq.mm	Connectwell	1L
16	Fuse terminals 4Sq mm <sup>2</sup> Without Indication	Connectwell	1L
17	Non fuse terminals 2.5 Sq. mm <sup>2</sup> Without Indication	Connectwell	1L
18	Earthing Strip	reputed	1L
19	Earthing Bolt	reputed	1L

20	PVC Cable Channel: 60 x 100	Salzer	1L
21	PVC Cable Channel: 80 x 100	Salzer	1L
22	PVC Cable Channel: 25 x 100	Salzer	1L
23	Din Rail	reputed	1L
24	Wires 0.5Sq MM for IO Modules	Polycab	1L
25	Wires 1.5 Sq. MM	Polycab	1L
26	Wire 10.0 Sq. MM	Polycab	1L
27	Lugs, Printed ferrules	Braco/Reputed	1L
28	Gasket, hardware	reputed	1L
29	Name plate / Legends		1L

**ANNEXURE: 3.**

<b>S/N.</b>	<b>Part Description</b>	<b>Qty.</b>
1	Ethernet Cable extender	As needed
2	Patch cord	As needed
3	Ethernet Cable	As needed

**Proposed Architecture :**

You should be submit Architecture Diagram

FORMAT

Technical offer

The Managing Director,  
Kolhapur Zilla Sah.Dudh Utpadak Sangh Ltd.  
B-1, M.I.D.C., Gokul Shirgaon,  
Kolhapur - 416 234

Sub - Technical offer for PLC REDUNDANCY SYSTEM

Dear Sir,

With reference to the Tender Notice published in Daily \_\_\_\_\_ on \_\_\_\_\_, I/ we submit the Technical offer as for design, supply, and installation & commissioning of PLC Redundancy System. We also agree upon Terms conditions

Yours faithfully

Seal & Signature of Tenderer

Encl -

1. D D towards EMD
2. Company Profile

FORMAT

COMPANY PROFILE

Name of the Tenderers	-	
Address	-	
Tel. Nos.	-	
web site	-	
E - mail	-	
GST Registration No.	-	
Name of Authorised Signatory	-	
Designation of the authorised Signatory	-	

Seal & Signature of Tenderer

Format

Commercial offer

To,  
The Managing Director  
Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd.  
B-1, M.I.D.C., Gokul Shirgaon,  
Tal. Karveer, Dist. Kolhapur

**Sub - Commercial offer for PLC Redundancy System.**

Dear Sir,

In continuation to your Tender Notice in Daily \_\_\_\_\_ dtd. \_\_\_\_\_, I/we submit  
our Tender offer for PLC Redundancy System,.

We have gone through Terms & conditions of the Tender . We agree upon the terms &  
conditions.

Our Total price for design, supply, and installation & commissioning of PLC Redundancy  
System,.

Rs. \_\_\_\_\_ + GST

In words Rs. \_\_\_\_\_

Date :

Seal & Signature of Tenderer.

Format

**Price Breakup**

1	Basic Price ( Inclusive of Supply, P & F, Transport, Transit Insurance )	
2	Installation & commissioning Charges	
3	GST	
	<b>Total Price Rs. (1+2+3)</b>	

Date :

Seal & Signature of Tenderer.