

TENDER DOCUMENT
FOR
SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND TRIAL
RUNOF (1)- AUTO Matic MILK COLLECTION UNIT (INCLUDING SOFTWARE) (2)-
ELECTRONIC MILKCO TESTER/ MILK CAN 5 LTR CAPACITY(SS-304) FOR
The Bolangir- Kalahandi- Nuapada Regional Co-Operative
Milk Producer's Union Ltd Under wocd funds

Inside Veterinary Hospital Campus.

Hatisalapada, Bolangir

Dist.- Bolangir-767001, Odisha

Bolangir-767001, Odisha.

Tel:06652 230334

E-mail :omfedbknmul@yahoo.com.

Website:- www.bknmilkunion.com

**DATE OF COMMENCEMENT OF
SALE OF TENDER DOCUMENT :**

21-07-2022

**LAST DATE FOR SALE OF
TENDER DOCUMENT :**

16-08-2022 at 1.P.M

**LAST DATE AND TIME FOR
RECEIPT OF TENDERS :**

16-08-2022 at 1 P.M


**TIME AND DATE OF OPENING
OF TENDERS :**

**16-08-2022 at 3.0 pm (Technical Bid)
17-08-2022 at 3.0 pm (price Bid)**

PLACE OF OPENING OF TENDERS : Head Office BKN Milk Union. Bolangir

**ADDRESS FOR COMMUNICATION : General Manager,
Balangir Kalahandi Nuapada
Regional Milk Producer's
Union Ltd, Bolangir**

Cost of Tender paper Rs. 1120/- (GST Included)


20/07/2022

The Bolangir- Kalahandi- Nuapada Regional Co-Operative

Milk Producer's Union Ltd.

Inside Veterinary Hospital Campus.

Hatisalapada, Bolangir

Sealed Tender in single cover system are invited from reputed Manufacturer/authorized distributor in separate envelopes i.e. technical & financial for Supply, installation and commissioning of **1- AUTO MATIC MILK COLLECTION UNIT (Including Soft ware)**

2. ELECTRONIC MILKCO TESTER

3. MILK CAN 5 LTR CAPACITY (SS-304)

Installation, testing Commissioning and trail run of the Saintala, Deogaon & Tushura route, for the period of 12 months from the date of finalization of tender. The tender documents shall be downloaded from website www.bknmilkunion.com from 21.07.2022 to 16.08.2022 at 1 P.M during office hour on payment of Rs.-1120.00(Rupees One thousand one hundred twenty) only in shape of DD drawn from any Nationalised bank in favour of Balangir-kalahandi-nuapada regional co-operative milk producer union ltd payable at Balangir from 21-07-22 to 16-08-2022 at 1 P.M The DD must be accompanied with technical bid of the tender which shall be received up to 1 p.m. on dtd.16.08.2022 and shall be opened on the same day i.e. 16-08-2022 at 3 p.m. at O/o-General manager BKN milk union. Bolangir inside veterinary Hospital Campus ,Hatisala pada, Bolangir.

in presence of concerned bidders or their authorised representatives. Any addendum, corrigendum or update shall be posted only on district website. The authority reserves the right to cancel any or all the offers without assigning any reason thereof. For details please visit our website www.bknmilkunion.com

A. for Participation in the tender

1. The tenderer should be a MANUFACTURER or Authorised Distributor having valid GST registration.
2. The **1.AUTO MATIC MILK COLLECTION UNIT (including software) / 2.ELECTRONIC MILKCO TESTER / MILK CAN 5 LTR CAPACITY(SS-304)** shall be supplied by the firm within the stipulated time as will be intimated in the purchase order ensuring specification as per the tender. Failing which the EMD by the approved firm will be forfeited and performance of the firm shall be considered unsatisfactory and the tender of the firm will not be entertained in future.
3. The documents attached to the tender shall be verified by the Technical Committee of BKN Milk union Balangir along with the original documents who will report in details on the eligibility of the tenderer on the day of opening of Technical Bid.
4. The tenderers are required to provide literature of the product along with Tender paper and attach copy of recent test certificate from authorised Test Centres of GOI as well as details of quality assurance systems as proof thereof.
- 5-The participant of the tender must have not been blacklisted by any Govt. office /Govt.Undertakings/ organizations. In case it is detected later on that the participant firm is a blacklisted one, the tender submitted by such tenderer would be rejected forthwith the earnest money and or security deposit will be forfeited. In addition to this, legal action as deemed proper may be initiated against such tenderer.
- 6-The annual business turnover preferably not below Rs.1 cr. in last financial year 2021-22.
- 7-Manufacturer Should Have Valid ISO Certification.

B. For submission of Tender (Technical Bid)

There shall be two bids system to be submitted in separate envelopes. One is technical bid and another is price bid. Both envelopes shall be put in a single large envelop for submission.

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2. The tenderer should mention clearly the details of the manufacturing address of each item separately to satisfy the requirement of exact location of the manufacturer for further correspondence by the Authority. Where ever required.
3. The tenderer should mention the status of the manufacturer such as ISO Certificate.
4. The annual business turnover preferably not below Rs.1 cr. in last financial year 2021-22 for the satisfaction of committee constituted for the purpose.
5. All the supporting documents as required in the terms and conditions of this tender shall be enclosed with the technical bid by the Tenderer.
6. The **1.AUTO MATIC MILK COLLECTION UNIT (including software) & 2.ELECTRONIC MILKO TESTER/ MILK CAN 5 LTR CAPACITY (SS-304)** – Rs-25,000.00 EMD in shape of Bank DemandDraft (D.D.) from any Nationalised Bank is to be payable in favour of "Balangir-kalahandi-nuapada Regional co-operative milk producer union ltd", payable at Balangir along with technical bid.
7. It is for the information of all concerned, that EMD is binding for all bidder, except valid NSIC & MSME certificate holder.
8. The manufacturer should have valid latest ISO certification.

Price Bid

The tenderer should quote the price of each item in the prescribed format as annexed writing the serial number of the item and its name. If the tenderer does not qualify himself in the technical bid, the price bid offered will not be entertained. In case of unsuccessful bidders for the technical bid, price bid will be returned as received in the sealed cover without being opened. The tenderer should submit the price bid in Annexure II.

Deposit of Earnest Money

- 1-The tender shall not be entitled to any interest on the earnest money.
- 2-The earnest money deposited by unsuccessful tenderers will be refunded without bank interest as early as possible after the tenders are finalized.
- 3- Earnest money deposited by the successful tenders shall be retained & will be returned after expiry of the approved list or completion of supply.
- 4-The EMD will be forfeited if the tenderer withdraws the tender or does not accept the Approved list Or does not supply the items within the stipulated time as per the terms & conditions of tender or the product supplied is proved to be of substandard quality.
5. Copy of EMD exemption in case of MSME Certificate/NSIC/Co-Operative as per rule.

Delivery Time.

The items shall be supplied within 30 days from the date of acceptance of the order.

Warranty

The product should be covering a warranty of three year from the date of delivery.

Payment Terms

100 % payment against supply and installation and successful trial run of the supplied quantity.

RIGHT OF ACCEPTANCE/REJECTION OF TENDER

The following documents shall be submitted by the tenderer as a MUST along with Tender papers.

- 1-Original tender paper with proper sign and stamp and numbering of the pages with date in each page.
- 2-Tender Paper Cost in Shape of DD in respect of purchase of tender papers.
- 3- EMD (earnest money deposit) except MSME/NSIC/Co-operative.
- 4 Self Attested Photocopy of the up-to-date manufacturing license of the manufacturer.
- 5- Self Attested photo copy of up to date Income Tax return of the year (2020-21).
- 6-Self attested copy of PAN card.
- 7- Attested Photocopy of latest Sale tax /GST return.
- 8- Attested photocopy of GST Registration Certificate.
- 9- Detail name, Address, telephone no., Fax, E-mail of the firm & of the Director / Managing Partner / Proprietor of the firm.
- 10- Photocopy of original authorization certificate from the manufacturer for supply of items to authorized distributor.

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11- Annual Turnover of Rs.1cr. in last financial year 2021-22 disclosed in Balance Sheet of the audited Account of the Firm.

12- Declaration regarding not blacklisted by any Govt. Offices/ Govt undertakings/Organisations / UNO agencies/ PSUs etc.

12. Documentary evidence in support of supply experience to Government/semi Government organizations/ UNO agencies / PSUs etc.

13. Copy of ISO certificate of manufacturer.

14. Undertaking of after sale service warranty in letter head.

15-Annexure • I, IV duly filled in and check list in Annexure "III" No tender shall be accepted if the same is not supported with the above documents mentioned at Sl.No 1 to 14.

16- The right of acceptance of tender and/ or award of contract rests with the Authority who does not bind himself to accept the lowest tender and also reserves himself the right to reject any or all the tender(s) received without assigning any reason whatsoever. Any dispute arises in future will be finalized by General Manager BKN milk union , Balangir, The legal dispute is subject to Balangir jurisdiction only.

VALIDITY OF TENDERS

The rate so approved will remain valid till Twelve month (12) months from the date of approval or as decided by the competent authority.

Tenderer's understanding the tender documents

The tenderers shall carefully go through the tender documents and fully inform himself to all the terms and conditions contained therein before submission of the tender. If the tenderer find discrepancies or omission or should be in doubt as to their meaning relating to tender documents, he should at once inform the General Manager BKN Milk union, Balangir and obtain clarification in writing prior to submission of the tender. Verbal clarification or information given by General Manager BKN Milk union, Balangir or the authorized representative working under shall not be binding in any way.

TERM AND CONDITIONS FOR SUBMISSION OF TENDER

A. Instructions to tenderer towards purchasing

Each set of tender papers shall be downloaded from website.

The tenderer who downloaded tender documents from website should furnish the Bank DD towards cost of tender paper along with tender.

B. Instructions to tenderer while submitted the tender paper

1. All papers submitted with the tender and the tender itself should be self attested and bear the dated signature & si number of the pages of the tenderer in every page.

2. Capital letters should be used in filling up of the tender form and should be neatly typed computerized.

3. Rates should be quoted on the prescribed tender form (Annexure •II Price Bid). The rates offered should be written both in figures and in words and no erasing or over writing shall be entertained and **price should be mentioned separately i.e it should be mentioned items wise in price bid.**

4. All information in these tender documents shall be in English only.

5. The Tenderer may quote the rates for all the items contained in the Tender or a part thereof. The rate to be quoted should be FOR destination i.e. Saintala, Deogaon & Tushura Veterinary Dispensary Campus inclusive of packing, and forwarding charges. The rate should be quoted in Indian currency only. It is necessary that specific brand make etc. should be clearly mentioned on the tender paper for each item furnished to compare the specification and the rate against multiple offers.

6. The tenderer must quote the rates of the items for which they have been specifically asked for as per tender. Tenderer quoting the rates or units different from those mentioned in the tender liable to be rejected.

7. Tender containing clerical error/typographical error/ arithmetical mistake(s) may be liable to be rejected

8. One rate shall be offered for one item. In case there are really different specification or brands to be offered against one item and all of them confirming to the standard and specification of the

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required item more than one rate can be offered for consideration. But the tenderer in all such cases shall clearly mention the make, brand, specification and shall furnish literature/ sample for each item

9. The tenderer is required to submit product detail brochures & leaflets in respect of the items

1. AUTO MATIC MILK COLLECTION UNIT (including software) 2. ELECTRONIC MILK CO
TESTER / MILK CAN 5 LTR CAPACITY (SS-304) as offered in the Tender along with the technical bid for scrutiny by the technical committee Whenever it is required and further consideration by the committee to analyse the price bid, failing which the items so offered will not be considered.

10. Submission of more than one Tender by a particular tenderer under different names is strictly prohibited. In case it is found later on that this condition has been violated, all the tenders submitted by such tenderer will be rejected or cancelled and earnest money shall be forfeited. In addition to such, legal action may be initiated as deemed proper against such tenderer.

11. EACH PAGE OF TENDER PAPERS BESIDES THE PLACES SPECIFIED SHALL BE SIGNED BY THE TENDERER WITH HIS SEAL AND SIGNATURE & sl numbering of the pages.

12. All offers shall be addressed to THE Bolangir-Kalahandi-Nuapada Regional Co-operative milk producer union Ltd , Balangir in double sealed cover clearly marked outside "Tender for supply of

1. AUTO MATIC MILK COLLECTION UNIT (including software) 2. ELECTRONIC MILK CO
TESTER/ MILK CAN 5 LTR CAPACITY (SS-304) "as well as their name should be super scribed by the tenderer on the envelope containing the Tender paper. If the due date so mentioned above is declared as holiday, the last date and time for submission and opening of tenders shall respectively be the time as aforesaid on next working day.

13. Tenders sealed and super scribed will be received only sent through Speed Post , Registered Post/Courier Service Delivery addressed to the above authority so as to reach by the due date and time. The tenders delivered or sent otherwise as stated above will be at the risk of the Tenderer. The tender which is received after the time and date specified above will not be entertained and is liable to be rejected.

14. The rate so approved will remain valid for Twelve (12) Months from the date of Publication or as decided by the competent authority.

15. THE TENDER COMMITTEE/ TENDERING AUTHORITY/ UNDER SIGNED RESERVE THE RIGHT

a. To reject any/ or all the Tenders at any stage without assigning any reason thereof To purchase

1. AUTO MATIC MILK COLLECTION UNIT (including software) 2. ELECTRONIC MILK CO

TESTER / MILK CAN 5 LTR CAPACITY (SS-304) "at the approved rate of the catalogue from any outsider during the Tender/ Contract Period in case of emergency, if the Tenderers fail to supply such items on short notice observing financial formalities.

b. To withdraw any item from the tender at any stage. In such contingency the selection of such item already made in favour of any Tenderer shall be treated as cancelled.

c. To make additions to or deletion from the list of consuming units/ delivery points to anytime during the period of validity of the tender or of the contract in pursuance of the Tender.

16. The period of firmness of the approved rates is 12 months. However, if at any time during the period of contract, the price of any tendered item is reduced or brought down by any law or act of the Central or State Government or the tenderer, the tenderer shall be morally and statutorily bound to inform General Manager BKN Milk union, Balangir immediately about such reduction in the contract price. The General Manager BKN Milk union, Balangir is empowered to unilaterally effect such reduction as is necessary in rate, in case the tenderer fails to notify or fails to agree for such reduction or rate.

17. No payment will be made before completion of supply. Payment will not be made against shipping. Payment should be completed only after the receiving officer has taken delivery of Store and found them to be satisfactory in every respect.

18. If the performance of the approved firm is found to be not satisfactory for irregular supply of approved items against indents placed during the validity period of the tender, the earnest deposited by the approved firm will not be released and will be forfeited. The tender of the firm will not be entertained in future.

19. The Earnest money deposit furnished by the Tenderer will be liable to be forfeited, if the Tenderer Withdraws his tender as a whole or for any particular item at any stage after the submission of the tender or fails / refuses to enter into written agreement for any/ or all other items of his accepted

tender within the time specified when requested to do so. The earnest money deposit furnished by a tenderer and even the tenderer is liable for forfeiture and cancellation without prejudice to any other action in the event of failure / refusal to supply order and or according to contract specification and/ or quantity.

20. **PACKAGING:** All the packaging should be primary (New). The supplier shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination. The packaging shall be sufficient to withstand without limitation rough handling during transit & open storage. The manufacturing date, batch no, etc. must be disclosed in the body of the packages.

21. All the supplies should invariably display the particulars on its label and / or cartoon in a distinct manner.

22. Abnormally low price of an item quoted by the tenderer in the Tender with some malafide intention will not be accepted, if detected and his offer will be rejected.

23. **TENDERS ARE TO BE ACCOMPANIED WITH THE FOLLOWING DOCUMENTS** and also should furnish a certificate at Annexure-III of the tender paper, list the documents submitted should be self attested and bear with initial/ signature with their seal and the tenderer shall furnish the details of firm with the status in Annexure - I.

a) Covering letter in the letter head pad of the Tenderer.

b) The Original money receipt obtained towards purchase of tender papers should be carefully preserved and should be enclosed in original at the time of submission of tender papers. The tenderer who downloaded tender documents from website should furnish the Bank DD towards cost of tender paper along with tender.

c) Complete tender papers with initial / signature of the tenderer with rubber seal in each page and in the enclosing documents.

d) Copy of Income Tax Return for the Assessment year-2020-21.

e) Copy of latest Sales Tax Return for the Assessment year-2021-22

f) E.M.D. as prescribed in the Tender Notice.

g) Literature of information Brochures indicating detailed specification.

h) Documentary evidence in support of minimum annual turnover not below Rs. 1cr. of year 21-22.

i) Rates should be quoted in model format enclosed along with tender paper (Annexure. II(Price Bid).

j) List of enclosures to be furnished as per Annexure-III enclosed.

k) Details of the requirement for technical bid as mentioned in Para B under "Submission of tender in Annexure- IV.

L) Tender form neatly typed in a separate paper as format attached and submitted with stamp and sign with date.

m) Copy of MSME /NSIC/CO-OPERATIVE Certificate.

N) Bidder should give an undertaking for product warranty in letter head with technical bid.(Format attached)

O) Bidder should submit a Technical specification of their product separately with tender documents.

24. After testing of **AUTO MATIC MILK COLLECTION UNIT(including software) , ELECTRONIC**

MILKO TESTER / MILK CAN 5 LTR CAPACITY (SS-304) in any adverse report on any item is

received, the supplier/ Tenderer will have to refund the entire cost of **AUTO MATIC MILK**

COLLECTION UNIT (including software) , ELECTRONIC MILKO TESTER / MILK CAN 5 LTR

CAPACITY (SS-304) supplied along with forfeiture of EMD. In case where payment is not required

to be released the same shall be forfeited. Besides the above, action will be initiated for black listing

Firm/ Supplier/ Tenderer on the report of the competent authority.


25. Any dispute arising out of the contract shall be settled amicably. However the decision of the General Manager BKN milk union , Balangir in this regard shall be treated as final.

26. Any legal dispute is subject to Balangir jurisdiction only

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Specification of Electronic Milko Tester

1	EMT	Auto EMT
1.1	Automatic voltage stabiliser for milko Tester	Capacity: 500VA Input: 60V-260V Out put: 200v-240v AC with high/Low cut off & Delay on The provision of Embossed must be in stabiliser
1.2	Measurement Range	0-13% Fat
1.3	Test Capacity (Samples/Hour)	Manual EMT : Minimum 120 Auto EMT : Minimum 150
1.4	Accuracy	0.10% for 0-5% Fat 0.15% for 5-8% Fat 0.20% for 8-13% Fat
1.5	Repeatability	0.04% for 0-5% Fat 0.06% for 5-8% Fat 0.08% for 8-13% Fat
1.6	Display	Easy to read digital LED display (Fat)
1.7	Sample Volume	0.5ml/test
1.8	Diluent Volume	6.5 ml/test
1.9	Power Supply	AC: 220/ 240V (Max + 10%, Min -15%) DC: 12V, 6A; (Max 16V, Min 10.5V) A fully charged 120AH battery shall last for at least 10 hours of operation
1.10	Ambient Temperature	5-450 C
1.11	Net Weight	Max 20Kg
1.12	Power Consumption	Max 400 Watts
1.13	Dimension (H*W*D)	Suitable Dimension
1.14	Loose Accessories	Holding bottom tray for spillage-1 No. RS 232 Serial Cable -1 No AC Power cable with plug top-1 No Daily cleaning solution for minimum 6 months requirement
1.15	Manual	Operation Manual each in English & preferably Local language per EMT supply
1.16	Additional Features	1 Easy to operate and clean 2 Auto zero facility 3 Built in battery charger 4 Automatic switch over to battery in case of power failure 5. RS 232 communication facility 6. Temper proof auto calibration (Password protection for calibration) 7. Compatible with computer/ Data Processor and other required devices
1.17	Battery	90 A.H , 12 Volt


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STAINLESS STEEL MILK CAN OF 5 LTRS CAPACITY

1-SHAPE AND DIMENSIONS - The cans shall be manufactured in accordance with the shape and dimensions as given below.

LEGENDS: 5 liter stainless Steel Milk Can

Height with lid	: 248 MM +/- 4 MM
Inside Dia of Body	: 176mm+-3mm
Inside Dia of Neck	: 130mm+-1mm
Thickness	: 0.8+-0.05 (mm)
Weight of Milk can with lid	: 815 grm +/- 10 grm

2-The Minimum Thickness of different parts of the cans(in millimetre) Part

- Body 0.5 mm ☐
- Bottom 0.6mm ☐
- neck 0.4mm ☐
- Lid(saucer/Outer) 0.5mm ☐

Cans are made from SS 304 grade of stainless steel material only.

SS Bucket type mono block design without having any welding joint.

CAPACITY – The can should be designed to accommodate at least 5.2ltr /10.2ltrs of water.

SCOPE - This standard prescribes the requirement for stainless steel milk cans used for collection and distribution of fluid milk.

BODY -Cans shall be formed in a single piece construction made in SS 304 grade.

LID –The lid should be single piece construction without any welding joint, made out of AISI 304 grade (IS:5522) only. The can lid should be single PCS dome shape should be in such that water is not logged or Dust particular during its transportation or storage of Milk Cans. The lid should have collapsible handle.

WELDING- The can shall be welded by TIG or MIG process with argon as inert gas medium and only, AWS ER 308 L filler wire shall be used. 5.6.6 Finish On visual examination there shall be no cracks, notching or porous patches in the welded surfaces and the surface adjacent to the weld. The weld surface shall be regular and even. All welded joints, inside surface and outside surface shall be finished smooth to minimum 220 grit or maximum Ra value 0.48 μ m to provide a sanitary finish.

Common condition for SS Can :

Sample: Sample should be furnished along with the tender at the cost of bidder. The tenders without sample will be summarily rejected. The Milk Union is not liable to pay any cost for samples.

Signature of the Tender
with seal & date

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Technical specification of AMCU

Sr.No	Particulars	Specification
1.0	Basic Operations at Society	<p>All operations are manual or semi-automated at society level. No regular power supply is available and fluctuation in power supply is very high. Clean and dust free environment cannot be guaranteed. The operators may not be IT savvy.</p> <p>Major Activities at Society.</p> <ul style="list-style-type: none"> . Purchase of Milk . Payments to producers for milk poured, government subsidies, incentives for quality etc. . Purchase of Cattle feed. . Purchase of Ghee . Other Purchases . Expenditure for Services . Other Expenditures . Local Sale of Milk . Supply/Sale of Milk to the Union . Sale of Cattle Feed . Sale of Ghee . Support of AH, AI etc . Income from Services . Other Income
2.0	AMCU-Functional Requirements	<ul style="list-style-type: none"> . The Unit should be suitable for instant weighing of milk, measuring record fat content, calculating the amount payable to the member based on fat & weight, printing the amount calculated thereof with member identification details. . This unit should also be used for maintaining the complete record of the collection centre as above together with the details of all transactions of the producers/MCC. . Recommended to incorporate capability for online data transfer to Milk Union and designated local Banks for transfer of payments to milk producers in their bank accounts directly.
3.0	Computer Hardware and Software	Models of PC offered should be of Enterprises/Business Class Desktop PC (OEM).Home/SMB Class Desktop PC shall not be accepted.
3.1	Processor	. 9 th Generation or 10 th Generation Intel Core,64 Bit, 4 Core Processor with Turbo Boost Technology
3.2	Form Factor	. Tower Model
3.3	Chipset	. Intel Chipset supporting the above processor
3.4	Memory	. 4 GB DDR3 1333 MHz SDRAM expandable to 8 GB
3.5	Internal Storage	. 1 TB Sata II Hard Disk 240 GB SSD
3.6	Removable Media	. DVD+/- RW Writer
3.7	Graphics	. Integrated Intel HD Graphics supporting 1600x1200 Resolutions
3.8	Audio	. Integrated high definition audio
3.9	Network	. 10/100/1000 Mbps Gigabit Ethernet
3.10	Display Monitor	. 18.5" wide screen LCD/LED Backlit TFT Color HD Monitor with 1366x 768 native resolutions.
3.11	Input Devices	. USB Standard Keyboard and USB Optical button Scroll Mouse with Pad.
3.12	Ports & Connectors	. 3 Serial Port, 1 Parallel Port, 1 VGA Port, 1 Microphone/ Headphone Jack, 1 RJ45 Port
3.13	USB Ports	. 6 USB 2.0 Ports (Min. two on front and two on rear side)
3.14	PCI Slots	. Minimum 1 free PCI Slots
3.15	Compatibility	. Window 10/ Window 11
3.16	Operating System	. Licensed Windows, 10 professional 64 bit Preloaded with OS Recovery Media Driver CD.

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Sr.No	Particulars	Specification
3.17	Anti Virus	<ul style="list-style-type: none"> Norton, Symantec, etruat, Macfee, Trend Micro, Quick Heal Latest version with three (3) years license.
3.18	Warrantee obligation	<ul style="list-style-type: none"> call should be attended by next business day. problem resolved within 48 hours of attending the call. within 48 hours in case any part is to be replaced.
3.19	Scope of work	<ul style="list-style-type: none"> Installation and configuration
3.20	Application Software	<ul style="list-style-type: none"> Supplier to develop and provide Integrated AMCU Software for all functions & requirements of Milk collection centre. Supplier to finalize requirements from EIA for all Milk Collection centers, develop/modify a software and install in each AMCU with a testing period of software for 6 months from the date of installation of software and subsequent one time modifications in the software based on feedback /request from EIA/Milk Collection centers to be done without extra charges. Software should be Bi-Lingual (English Language) Data generated from the new system should be compatible with the format in which the data is accepted by the existing system. The Software should be user friendly, menu driven and provide help facility in local language. The data input forms, reports, menus etc. should be in English. The application software, if felt essential by the user may be modified/upgraded to meet the need of the milk collection centre. The software should have provision of connectivity of such milk collection center with milk collection agencies head office in the future. The supplier should also make necessary changes on case-to-case basis, wherever required. The application package should contain legal copy of the database used.
4.0	DOT MATRIX PRINTER	
4.1	Print Method	Impact dot Matrix external printer
4.2	Pins in head	24 pins
4.3	Print Direction	Bi-direction parallel interface USB 2.0 (Full speed)
4.4	Print Speed	300 cps high speed draft, LQ and other features
4.5	Printable column	80 (10 cpi)
4.6	Paper Handling	Pull tractor unit
4.7	Paper path	Manual insertion front or rear in top out: Push Tractor front or rear in top out –front or rear or bottom in and top out.
4.8	MTBF (Hrs at 25% duty cycle)	10000 POH (25% Duty)
4.9	Copy Capability	Original 3 copies
4.10	Cartridge	Ribbon cartridge Black with 2.5 million characters
4.11	Compatible OS with Drivers	MS Windows 8/7/Vista/XP(32bit/64 bit), Windows Server 2003/2008/2012 (32 bit/64 bit)
4.12	Accessories	Roll Stand
5.0	Electronic Weigh Scale	
5.1	Functional Requirement	To Electronically weigh & digital display of milk quantity in litre in a container
5.2	Capacity	200 kg
5.3	Least Count	20 gm
5.4	Weight Accuracy	20 gm as per Standards of W & M Rules 1987 medium accuracy Class III

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Sr.No	Particulars	Specification
5.5	Certification & Stamping	Duly Certified and stamped by W&M Dept. and confirming to IS:9281(pt 1&2) 1979, IS:9281 and IS:9281 (pt.4) 1983 as amended up-to-date.
5.6	Display Resolution	1/10,000 (accuracy, Class-III)
5.7	Load Cell	300kg S/S ADI
5.8	Over Load & shock Load Protection	300% to take impact of loading with audio (beep) visual indication
5.9	Platform Size	600 mm X 600 mm
5.10	Platform Moc	AISI SS 304, 1.6 mm thick, 150 grit top plate
5.11	Platform under frame material/design	<ul style="list-style-type: none"> • Cold rolled mild steel box of adequate size, Hot dip galvanized after fabrication • All screw/bolts/nuts to be of SS.
5.12	Indication in display EWS Unit	Quantity-7 segment RED LED, 6 digits, minimum 1.3 mm height, display for mode of operation zero, tare, kg/litre, by default KG.
5.13	Display Unit Mounting	<ul style="list-style-type: none"> • Pole mounted type with sturdy base and SS 304, 38 mm dia, pipe 1.2 m high. • SS 304 Body IP 55, Tactile Switch keys with feedback response, auto calibration & auto span with drift correction • RS 232 Serial port with protocol to meet requirement of IBM compatible.
5.14	Calibration protection & Sealing Arrangement	<ul style="list-style-type: none"> • Special arrangement to house PCB & Sealing arrangement
5.15	Load Cell Cable	Load Cell cable from platform to display unit with reinforced heavy duty PVC conduit.
5.16	Battery for working on power failure	In built, 6 V capacity minimum for 6 hrs.
5.17	Power Supply	As given above with minimum 1 m power cable with plug top AC/SC
5.18	Model Approval Certificate	Manufacturer to have model approval certificate of regulatory authority/ Govt of India (Weight & Measure Unit)
5.19	Stamping at Site	Supplier to arrange stamping of each scale at site from local weights & measure inspector before installation. Supplier should include the cost of stamping in the unit of AMCU for the 1 st year only. Stamping of each weighing scale from 2 nd year onwards will be in the scope of EIA.
6.0	Milk Analyzer	
6.1	Functional Requirement	To test & display FAT, SNF & Added water sample Milk
6.2	Type	<p>Ultrasonic principle based milk analyser for testing fat, SNF & added water</p> <ul style="list-style-type: none"> • Measuring parameters: <ol style="list-style-type: none"> 1) Fat – 0.5% to 12% , with accuracy +/- 0.1%, with Resolution: 0.01% and Repeatability: +/-0.05 % 2) SNF – 6% to 12% , with accuracy +/- 0.2, with Resolution: 0.01% and Repeatability: +/-0.05 % 3) Added water – 0% to 60% , with accuracy +/- 5%, with Resolution: 1% and Repeatability 0.5% • Measuring cycle-40 Sec per sample • Average testing speed - 70 samples/ hr
6.3	Operational abilities	Mode selection for type of milk – (1) Cow, Buffalo, Mixed / Single Curve with Cleaning, Calibration, System error list etc
6.4	MoC for enclosure	AISI 304 0.75 mm thick minimum

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Sr.No	Particulars	Specification
6.5	Loose Accessories	Holding bottom tray for spillage- 1 No. •RS 232 Serial Cable- 1 No • A C Power cable with plug top- 1 No. • Measuring mugs-2 No • Daily cleaning solution – No. of Bottle 3 (Quantity minimum 200 ml or equivalent). • Weekly cleaning solution - No. of Bottle 2 (Quantity minimum 200 ml or equivalent) or • Monthly cleaning solution - No. of Bottle 1 (Quantity minimum 200 ml or equivalent)
6.6	Manual	Operating Manual each in English & Local language per AMCU supply
7.0	Ultrasonic Milk Sample Stirrer	
7.1	Functional Requirement	To remove air from fresh milk sample by vibrations created in the milk before testing of milk.
7.2	Type	Table Top, Ultrasonic Stirrer
7.3	Stirrer for Ultrasonic Stirrer	SS Ball Type
7.4	Ultrasonic Frequency	20-25 KHz (Variable)
7.5	Timer	1-99 Sec selectable
7.6	Environment	Suitable for dusty/humid village environment, operating temperature -5 to 50 Degree C
7.7	Connecting Cables	Minimum 1.5 m Power cable with plug top
7.8	Complete Ready to Use	Item complete in all respect with required electric/electronic parts, ready for use at site.
7.9	MoC For body	AISI 304, 1.2 mm thick minimum
7.10	Operating Voltage	230 Volts +/-10, AC, 50 Hz and 12 Volts DC
8.0	REMOTE DISPLAY UNIT (RDU)	
8.1	Functional Requirement	To display pourer members milk collected & milk testing and other selected parameters in English/ Local Language
8.2	Type	Wall mounted type
8.3	Display Parameters -8 No	7 Bright segments, Red LED,
8.4	Labels for display	Screen Printed
8.5	Environment	Dusty, Humid, preferably housing to be with IP 55 or equivalent protection, rust proof powder coated metallic.
8.6	Connecting Cables	Minimum 5 m Power cable with plug top with connector at both ends, Minimum 5 m Data cable with connector at both ends
9.0	UPS	
9.1	Functional Requirement	To give regulated AC power to AMCU from mains or attached battery
9.2	Type	Line-Interactive type
9.3	Capacity	1500 VA minimum
9.4	Back up time (Full Load)	3-hrs minimum (in one shift)
9.5	Output Wave Form	Sine Wave/Quasi Sine wave
9.6	Voltage at input	160-280 V (+10%)
9.7	D C Voltage Bus	24 V
9.8	Voltage at output (With Mains as well as with Battery)with in-built AVR	220V +/- 10%
9.9	Full protection	Inbuilt protection - Under / Over voltage, Short-circuit, Overload Cut off, Low Battery Cut-off , Spikes cut-off
9.10	Warning (LED+ Sound)	Low Battery & Overloads
9.11	Input/ Output Frequency	50Hz +/- 3Hz, No Correction

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Sr.No	Particulars	Specification
9.12	Battery switch over	Battery switch over in 3-10 milli seconds
9.13	Battery Charging	Preferably to take place even at 130& 300 V with SMPS charger <ul style="list-style-type: none"> • Boost charging at minimum 7A • Battery overcharge protection
9.14	Battery No and Type	2 No 90 AH Tubular, Acid filled, low maintenance battery with level indicator (Maintenance free Battery desirable)
9.15	Charging Indicator	Battery charging indicator plus low battery/ fault indicator to be provided
9.16	Battery Steel Rack	Required
9.17	Leads between UPS & Battery	Flexible, Cu conductor PVC, Minimum 1 m with lugs at both ends.
9.18	Warranty of Battery	3 years against manufacturing defect.
9.19	Steel rack for UPS	Required to place UPS above floor
9.20	No load loss at 24 Volt when UPS is ON	Minimum
10.0	Earthling - Earth Electrode (Gel type) (Optional)	
10.1	Technology	Earth Electrode (Gel type) maintenance free earthing. Mineral Filling Compound (MFC), surrounded to earth electrode creates low resistance zone so that output is constant for longer life.
10.2	Pipe Material	Galvanized Pipe as per IS : 1239
10.3	Class of Pipe	Class-B
10.4	Diameter (Outer Dia.)	48 mm
10.5	Length	2 Meter
10.6	Wall Thickness	2.5 mm
10.7	Primary Electrode	Mild Steel Strip
10.8	Mild Steel Strip	2.12 m long, 32 mm wide and 6 mm thick
10.9	MS Strip hot dip Galvanized thickness	110 micron
10.10	Gel Filled	Highly non-corrosive compound
10.11	Earth wire to connect Electrode with Power Supply.	Copper 8 m long & 8 mm dia suitable for interconnection
10.12	Filling compound	Adequate
10.13	Civil works	chamber to secure the earthling

✓
20/07/2022

TENDER FORM

From

M/s.
.....
.....

To

The General Manager
BKN milk union
Balangir-767001
Odisha.

Sub. : Tender Notice No..... Dated

Dear Sir,

In response to your advertisement in the..... Dated..... for supply of

1.AUTO Matic MILK COLLECTION UNIT(including software) , 2.ELECTRONIC MILKCO TESTER , MILK CAN 5 LTR
CAPACITY (SS-304)

I/We, a Company / a Partnership / Firm / an Association / Sole proprietor in the case of a firm, an
association of a syndicate (please set out here full name of all partners
ormembers).....

..... carrying on business
at.....

..... Hereby offer tender to supply the
items including all accessories and attachments complete in all respects at the firm rates quoted in
the schedule attached.

1- I/We agree that this offer shall remain valid for a period of 12 months from the date of issue of the
approved list.

2- I/We hereby agree to abide by and fulfil the terms & conditions set out in the INVITATION TO
TENDER INSTRUCTIONS TO TENDERERS CONDITIONS OF THE TENDER SCHEDULE AND
ANNEXURES HERETO, which shall be deemed to form a part of this tender & I/We return herewith
all these documents attested on each page in token of my/our acceptance thereof.

3- I/We hereby further agree to notify the General Manager BKN milk union , Balangir at any time
whether before or after acceptance of my/our tender any change in the address and or constitution of
my/our firm/association/syndicate either by death or retirement of any partner or by the admission of
a new partner of member or otherwise (this clause shall apply where tenderer is a firm/association or
syndicate)

4- I/We do hereby certify that, I am/we are real manufacturer/stockist/importers / authorized agents of
the overseas suppliers and my/our financial position is quite sound to fulfil the contract.

5- I/We hereby declare that this Tender and your acceptance to be notified by you shall constitute a
valid and binding contract between us.

Signature of the Tenderer
Seal of Tenderer

Handwritten signature and date:
20/07/2022

ANNEXURE – I

1. Status of the Firm (proprietorship, partnership, (P) Ltd., limited company)
2. Name of the Tenderer
3. Whether a limited firm or public or private undertaking
4. The name and address of proprietor/ partners/ managing director / manager / principal officer
5. Financial condition of the firm whether solvent or not with details thereof
6. Whether manufacturer or/ distributor or/ sole selling agent (in the case of mixed business, the items for each should be indicated)
7. Varieties of articles dealt with and names of the items
 - a) Is it a Registered Firm under the partnership Act ? If so, Regd. No. & date & office of Registration should be given (Please furnish and attested true copy of certificate of registration).
 - b) If it is a company incorporated under the companies act, please furnish an attested true copy of certificate of incorporation.
8. Name of the authorized person who can hold discussion on your behalf at the time of necessity.
9. The names of the proprietors / partners or Managing Directors / Principal Officer with address or Addresses as the case may be who is authorized to receive payment in case of endorsed bill on behalf of the firm from the General Manager/Indenting Officer and their specimen signatures in duplicate for each.
10. Are you an income tax assessee? Please furnish the current income tax return / non-assessment certificate.
11. Indicate in detail about the previous experience of supply of items tendered for (attach additional sheets)

CERTIFICATE:

Certified that the information furnished above are true and correct to the best of our / my knowledge and belief. In case any or all the information given above or the tender documents is or are found to be incorrect at any time. I undertake the liability to be proceeded within any manner. Any change or changes in regard to the information furnished will be intimated by us/me as and when such changes occur.

Signature

Prop/Partner/Managing Director /Manager/

Principal Officer / Authorised Signatory

(Strike out which ever not applicable)

Handwritten signature and date: 20/07/2022

Signature of the Tenderer
Seal of Tenderer

**ANNEXURE-II
PRICE QUOTE**

To
The General Manager
BKN milk union
Balangir-767001
Odisha.

Sub: Supply of
Ref: Tender Notification No: , dated .
Sir,

With reference, I/We herewith submitting my/our Tender "ON F.O.R DESTINATION BASIS, for the items indicated below:


SL. No.	SI.No. of the tender item as per tender schedule.	Item Description as per tender schedule	Make/Brand	Quoted Price including F.O.R.	PRICE TO WORDS INSTALLE TION/CO MISSIONI NG AND TRIEL RUN(INCL UDING ALL ASSOSEER IES)	TOTAL PRICE	GST	Total	In words for Quoted price(Including GST)
1	2	3	4	5	6	7	8	9(7+8)	10

The bidder have to quote the prices as per the format mentioned above only.

I/We, hereby once again confirm that, I/ we have thoroughly studied the Tender Document and understood the tender conditions, tender specification, details of goods required, I/ we fully understand the nature of item I/We quoted for the quantity and specification of the same. My/Our offer to supply the stocks is strictly in accordance with these requirements. I / We hereby agree that, the decision of The General Manager BKN milk union Balangir-767001 Odisha. shall be final in any disputes regarding the supply, terms & conditions of this tender.

Date:


Signature of the Tender
with seal & date


20/07/2022

ANNEXURE – III

List of enclosures attached to the Tender Documents:

1-


20/07/2022

Signature of the Tender
with seal & date

ANNEXURE – IV

Sl. No.	Sl.No. of the Tender Item	Experience in AUTO Matic MILK COLLECTION UNIT , ELECTRONIC MILKCO TESTER , MILK CAN 5 LTR CAPACITY (SS-304) reputed manufacturers of National and International level		The make and brand be specifically stated for each item/for which the rate is quoted		Specification of each item notified in the tender for which the rate is quoted by the tenderer	State the ISO Certification 9001-2000 for each items notified for which the rate is quoted by the tenderer
		Name of the Items	Name of the Manufacturer	Make	Brand		
1	2	3	4	5	6	7	8

Signature
24/07/2022

**Signature of the Tender
with seal & date**

DECLARATION

(To be filled in party's letter pad)

I / WE DECLARE THAT, I / WE HAVE GONE THROUGH THE ABOVE MENTIONED CONDITIONS IN DETAIL BEFORE FILLING UP OUR RATES AND SUBMISSION OF THE TENDER PAPER. I / WE ARE AGREEING TO ABIDE WITH THESE CONDITIONS UNTIL THE FINALISATION OF THE TENDER.

Enclosures:

Signature:


Name of Firm:

GST No.

Address:

Date:

Telephone No:


20/07/2022