

Bid identification No 514/ CSS/ TENDER/Vol-III / 2026-27

E- TENDER CALL NOTICE

FOR

Supply, Installation, Commissioning & Testing of **Milk Analysers with DPU**, solar Panel, external lithium Battery with weighing Machine at Milk Union level



Estimated Tender value Rs 16,20,00,000/-

CSS DIVISION, OMFED, Bhubaneswar
The Odisha State Cooperative Milk Producers Federation Ltd
D-2 SAHIDNAGRA, BHUBANESWAR V-751007
PHONE 2546030/2540273/ Email cssomfed@omfed.com

e-Procurement Notice for Supply, Installation, Commissioning & Testing of Milk Analysers with DPU, solar Panel, external lithium Battery with weighing Machine etc at Milk Union Levels.

Bid Identification No. 514/CSS/TENDER/ Vol-III/2026-2027

1. OMFED invites e- Tender from reputed Manufacturers/ Distributors for supply, installation, commissioning, testing and running of Supply, Installation, Commissioning & Testing of Milk Analysers with DPU, weighing Machine etc at Milk Union Levels. e- Tender is invited online through 'e'-procurement of Govt. of Odisha web Portal <https://tendersodisha.gov.in>. The bidders should have the necessary portal enrolment with his own Digital Signature Certificate.

2. The bidders are required to submit bids for the following items.

Sl no	Items	Unit	Quantity	Estimated total cost (in lakhs)	Cost of tender Paper (Rs.10000/- + GST (18%))	Availability of Tender Document For online bidding (Date)		Date of Opening	Period of Completion
						From	To		
01	Milk Analyser with DPU Solar panel external lithium battery with weighing machine 100 Kg ,with thermal printer & external key board.	One unit	3000	1620.00	11,800.00	23.01.2026 26 At 10.00 AM	11.02.2026 At 03.00 PM	12.02.2026 At 4.00 PM	60 days

OMFED invites Technical & Commercial offer from original equipment manufacturer or their

3. Cost of Tender Paper Rs 11,800/- inclusive of GST 18% & EMD as specified in (Technical Bid Part-I) deposit through online portal at <https://tendersodisha.gov.in>.

4. Bid documents consisting of specifications, the schedule of quantities and the set of terms and conditions of contract and other necessary documents are available on Portal: <https://tendersodisha.gov.in>. The corrigendum/amendment to this notice if required shall be published only in the OMFED web site <https://www.omfed.com> and will not be published again in the newspaper.

5. The tender paper cost / EMD and Photo Copy of **GST, PAN, Registration Certificate, Turnover Certificate, IT return & other documents as per DTCN** shall have to be attached on Portal: <https://tendersodisha.gov.in> within **10.00 AM of 23.01.2026 to 03.00 PM of 11.02.2026**. The pre-bid meeting on dt. 04.02.2026 at 04.00 PM

through VC. A pre-bid meeting shall be organized by OMFED; the date and time of the pre-bid meeting is indicated in the Schedule for the Tender. Bidders wishing to attend the pre-bid meeting should inform OMFED by email (Refer Data Sheet), along with the names and email ids of the officials/ representatives of the Bidder who would be attending the meeting, at least 1 (one) working days before the pre-bid meeting. OMFED shall then send the invite for the pre-bid meeting to the email-ids that OMFED would be receiving.

However, attendance of the Bidders at the pre-bid meeting is not mandatory. A maximum of two officials/ representatives from each Bidder may attend the pre-bid meeting. All costs of the Bidder related to attending the pre-bid meeting shall be borne by the Bidder.

6. Non submission of tender cost of bid document and EMD within the period shall debar the party from participating in the online bidding system and his portal registration shall be cancelled.

7. Techno- Commercial Bids received online shall be opened on 12.02.2026 at 04.00 P.M. in OMFED Corporate office in the presence of the bidders. Bidders who participated in the bid can witness the opening of bids after logging on to the site through their DSC. If the office happens to be closed on the last date of opening of the bids as specified, the bids will be opened on the next working day at the same time and venue.

8. Co-Operatives, Govt. bodies, NSIC and MSME registered firms are exempted from submitting required EMD.

9. OMFED in its own interest may opt for any other procurement mode/system simultaneously along with this e-Tender process if required without assigning any reason thereof.

10. The Managing Director, OMFED reserves the right to accept/reject any or all the bids without assigning any reason thereof.

11. OMFED reserves the right to increase or decrease the quantity of the tendered items or period of delivery as per the requirement of the Federation.

12. Legal disputes if any concerning the required goods supplied & matters related thereto shall be subject to Jurisdiction of such court as exercising civil jurisdiction of Bhubaneswar only.

13 Any corrigendum / addendum will be displayed only in the OMFED web site (www.omfed.com)

14. Defaulters in earlier supply order of Omfed or suppliers black listed anywhere in the country are not eligible to participate in the bidding process of the present tender

Managing Director

OMFED



www.omfed.com

**The Odisha State Cooperative Milk Producers' Federation Ltd.
D-2, Sahid Nagar, Bhubaneswar-751 007.
Ph No- (0674) 2546030/2540273/2540417,
Fax No (0674) 2540974**

E-TENDER NOTICE

OMFED invites sealed techno-commercial offer in separate envelope from experienced manufacturers / authorized distributors for “ **Supply Installation commissioning & Testing of MilkAnalyzer with solar panel, external lithium Battery with weighing machine at Milk Union level**

Interested bidders may download the Tender Document from The OMFED web site www.omfed.com only for reference. Bid document will be available in the <https://tendersodisha.gov.in> from **10.00 AM of 23.01.2026 to 3.00 PM of 11.02.2026** for bidding. **Tender cost of Rs.10,000/-+18%-GST along with E.M.D. shall be deposited through online portal at https://tendersodisha.gov.in** The technical Bid shall be opened online at **04.00 PM on 12.02.2026** at the OMFED Corporate Office in the presence of the interested bidders at Omfed Corporate Office, D/2, Sahid Nagar, Bhubaneswar – 751007. Bids without requisite EMD shall not be considered.

The **corrigendum/amendment** to this notice if required shall be published only in the OMFED web site and will not be published again in newspaper.

OMFED reserves the right to accept or reject any or all the tenders or part thereof without assigning any reason.

MANAGING DIRECTOR

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ELIGIBILITY CRITERIA

Bidders enclosed the followings below required documents in the Portal: <https://tendersodisha.gov.in> of Technical Bid.

- 1) Tender Document Cost: The Tender Document Cost is fixed at Rs 11,800/- including GST.
- 2) EMD amount of each material for each Milk analyser with Accessories as specified in (Technical Bid Part-I) & deposit through online portal at <https://tendersodisha.gov.in>. The EMD amount to be returned after completion of tender finalization from Govt. of Odisha e-portal.
- 3) **Successful bidders shall deposit a Security Amount as mentioned at tender Technical bid format) to the Omfed Account within 7 days of placing the purchase order, failing which the purchase order will be cancelled.**
- 4) Turnover; as specified in the table (Part-I: Technical bid). Turnover certificate from Chartered Accountant and latest Audited Financial result must be submitted in support of required turnover for the year of 2023-24.2024-2025
- 5) Income Tax Return Acknowledgement for the Financial year 2023-24,2024-2025
- 6) GST Return for the three month end. July to September -2025
- 7) The copy of Firm/ Company GST Registration
- 8) The copy of Firm/ Company PAN Card.
- 9) Client list and copy of orders to be provided (For credential).
- 10) Performance Certificate issued by client are to be furnished.
- 11) Sign with Seal: The complete tender documents i.e. each page of the Tender document including all annexure (necessary required documents) should be duly signed with sealed.
- 12) Printed technical literature / catalogue
- 13) Duly filled in Manufacturer authorization letter(for authorized channel partner)
 - The bidder cannot stipulate any terms and condition of his own beyond the tender requirements.
 - The bid shall be rejected if not completed with tender requirement.
 - All statutory approval is within the scope of the bidder.
 - It is mandatory on the part of bidder to quote for the entire item as mentioned in the BOQ failing which the offer shall not be considered.
 - All the required documents relating to Technical bid must be submitted.

14) VALIDITY OF OFFER:

02 years from the date of notification.

Signature of the bidder
Seal:

TECHNICAL BID (PART-I)

Tenders are invited from Manufacturing Units/ Traders/ Suppliers having minimum turnover as mentioned in the table below, for Supply, Installation, Commissioning & Testing of Milk Analyzers with Accessories at different Milk Union Levels.

Sl. No	Item Description	Quantity	EMD amount (Rs) Lakhs	Minimum Average Annual sales turn over (Rs) for the year 2023-24 & 2024-25
1	Milk Analyzer with DPU Solar panel external lithium battery with Weighing balance 100Kg weighing Machine with thermal Printer & external key Board	3000	30.00	2.00 crore

The OMFED reserves the right to increase or decrease the quantity of material & delivery period specified in the schedule of requirements without any change in unit price or other terms and conditions.

(Signature of the Bidder)

TERMS & CONDITIONS

1.0 Eligibility and Qualification requirements: -

This invitation to bid is open to all eligible bidders.

2.0 FOR basis:

The quoted prices for the material shall be on FOR destination basis, inclusive of all taxes & duties, packing & forwarding charges, transportation, insurance and other incidental charges, unloading charges etc. as applicable.

3.0 Bid Security (Earnest Money Deposit) & Security Deposit (SD)

- (a) Bidders are to deposit the EMD amount in the e-tender portal <https://tendersodisha.gov.in>.
- (b) After completion of e-tender process, the bidders get their EMD amount from Govt. of Odisha e-tender portal.
- (c) **Successful bidders shall deposit a Security Amount as mentioned in Technical Bid to the Omfed Account within 7 days of placing the purchase order, failing which the purchase order will be cancelled.**
- (d) The SD deposited shall not carry any interest and it will be refunded after successful execution of Purchase order and issue of “No Dues Certificate” from the concerned General manager.

4.0 Period of validity of bids

Bids shall remain valid for **2Years days after the date of bid opening**,

5.0 AWARD CRITERIA

The OMFED will consider awarding the contract to the successful bidder whose bid have been determined to be substantially responsive and have been determined as the lowest quoted bid, who is determined to be qualified for satisfactory performance of the contract.

6.0 OMFED RIGHT TO VARY QUANTITIES AT TIME OF AWARD.

The OMFED reserves the right to increase or decrease the quantity of material specified in the schedule of requirements without any change in unit price or other terms and conditions. After issuing order OMFED may also cancel the whole or part thereof depending on requirement of the material during the contract period.

7.0 PARTICIPATING IN THE BID IN THE E-PROCUREMENT PORTAL:

The Bidder intending to participate in the bid is required to register in the Portal with some information about the firm. This is a one-time activity for registering in Portal. During registration, the contractor has to attach a Digital Signature Certificate (DSC) to his / her unique user ID. The DSC used must be of appropriate class (Class II or Class III) issued from a registered Certifying Authority such as n-Code, TCS, and MTNL etc.

(Signature of the Bidder)

- a) To log on to the portal the Bidder is required to type his/her username and password. The system will again ask to select the DSC and confirm it with the password of DSC. For each login, a user's DSC will be validated against its date of validity and also against the Certificate Revocation List (CRL) of respective CAs stored in the system database. The system checks the unique ID, password and DSC combination and authenticates the login process for use of the portal.
- b) The tender documents uploaded by the Tender Inviting Officer in the website www.tendersorissa.gov.in will appear in the section of "Upcoming Tender" before the due date of tender sale. Once the due date has arrived, the tender will move to the "Active Tender" Section of the homepage. Only a small notification will be published in the newspaper specifying the work details along with mention of the specific website for details. The publication of the tender will be for a specific period of time till the last date of submission of bids as mentioned in the 'Invitation for Bid' after which the same will be removed from the list of Active tenders. Any bidder can view or download the bid documents from the web site.
- c) If the software application has the provision of payment of cost of tender document through payment gateways of authorized bankers by directly debiting the account of the bidders, bidders will be required to avail on-line payment.

7.1. The bidder intending to participate in the bid on-line shall prepare the demand draft towards cost of bid as per IFB (except for exempted bidders) and upload the scanned copy of the draft to the portal against the bid where he is participating and the original shall be deposited to the tender inviting officer within the period specified in the "Invitation For Bid". If the Bidder fails to deposit the original demand draft towards cost of bid within the stipulated time his bid shall be rejected and action as per prevailing rule shall be taken.

7.2. In the case of any failure, malfunction, or breakdown of the electronic system used during the e-procurement process, the tender inviting officer shall not accept any responsibility for failures or breakdowns other than in those systems strictly within their own control.

7.3. Any third party/company/person under a service contract for operation of the e-procurement system in the State or his/their subsidiaries or their parent companies shall be ineligible to participate in the procurement processes that are undertaken through the e-procurement system irrespective of who operates the system.

8.0 QUALITY

Goods/Materials should be ISI marked, will be approved from OMFED. **If the materials supplied by the bidders found reject then the supplier will be blacklisted to participate in further tender process.**

8.1. Sample should be furnished along with the tender. The tenders without sample will be summarily rejected. The Federation is not liable to pay any cost for samples.

9.0 **DELIVERY PERIOD:** Delivery period 60 days from the date of acceptance of purchase order. If the supplier fails to execute the tender quantity, OMFED will purchase the same from any other suppliers and the differential amount will be recovered from your pending bills.

10.0 **PENALTY:** On failure to supply as per schedule 0.5% value of delivered quantity per week or part thereof will be deducted from the bill as penalty.

11.0 PAYMENT:

Bills in triplicate shall be submitted along with a copy of P.O.

- 75 % on safe receipt of material at site in good condition.
- 15 % after successful commissioning/testing & running/report of equipment supplied.
- PSD @ 10 % of billed value excluding GST shall be retained by ordering authority for a period of 02 years from the date of successful commissioning and shall be released subject to satisfactory performance.
- Any other statutory deduction like Incometax, TDS, GSTTDS etc. as applicable

12. Penalty:

Penalty @ 0.5 % of the order value per week / or part thereof shall be imposed for delay in execution beyond the time frame. However, the penalty amount will be limited to 10% of the order value.

12.1 75 % payment will be made within 60 days from the date of delivery & received of CMR From Milk Union

13. WARRANTEE:

13.1 The contractor warrants that the goods supplied under the contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the contract. The contractor further warrants that the goods supplied under this contract shall have no defect arising from design, material of workmanship or from any act or omission of the contractor that may develop under normal use of the supplied goods in the conditions. The contractor also guarantees that the goods supplied shall perform satisfactorily as per the designed/rated/ installed capacity as provided for in the contract.

13.2 This warranty / guarantee shall remain valid for 12 months after the goods, or any portion thereof as the case may be, have been delivered & handed over to the OMFED after the performance of 30 days trial run period.

13.3 The OMFED shall promptly notify the contractor in writing of any claims arising under this warranty.

13.4 Upon receipt of such notice, the contractor shall, with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the OMFED.

13.5 If the contractor, having been notified, fails to remedy the defects(s) within a period of 30 days, the OMFED may proceed to take such remedial action as may be necessary, at the contractor's risk and expense and without prejudice to any other rights which the OMFED may have against the contractor under the contract.

This warranty/ guarantee shall not cover any damage/s resulting from normal wear and tear or improper handing by the OMFED or his authorized.

14. .0 LEGAL DISPUTE

Legal disputes if any concerning the required goods supplied & matters related thereto shall be subject to jurisdiction of such court as exercising civil jurisdiction of Bhubaneswar only.

(Signature of the Bidder)

Documents to be submitted along with Technical Bid should be tick marked

Sl. No	List of Documents required for Technical Bid	Information	Tick Mark
01	Tender cost (Non- refundable)		
02	EMD		
03	Audited Financial statement for 2023-24 to 2024-25		
04	I.T return for last 02 Years i.e. FY 2023-24 to 2024-25		
05	PAN No(Photo Copy To Be Attached)		
06	GST Registration Certificate		
07	Banker's detail of bidders along with a cancelled cheque		
08	GST return (GSTR – I & GSTR – 3B) from July 2025 to September 2025 .		
09	Registration certificate of the Company/ Firm		
10	Authorization letter from Original Manufacturers		
11	Client list		
12	Performance certificate given by the existing clients during last five years		
13	Experience during last five years		
14.	Service/Maintenance/replacement capability		
15	Sale and Support service capability		
16	Compliance Sheet of the Technical specification of the item		
17	Printed literature of the Item for which Tender being offered		
18	Previous Purchase order of other organization		
19	Self declaration of not black-listed any where in India		
20	Whether all the documents are properly signed with seal		
21	Whether Envelope 'Technical bid' and 'commercial bid" properly written.		
22	Whether the main envelope containing 'Technical bid ' & " Commercial bid ' properly sealed /signed and properly super scribed.		
23	Certificate by the farm that they have quoted the lowest rate		

ANALYZER & STIRRER WITH BATTERY BACKUP CHARGING BY SOLAR ELECTRITY

A. 1.0	Milk Analyser	Analyzer with external Lithium Battery Backup Stand by -5 – 6 hours, virtual charging by Electric / Solar panel Cap-50watt. Stirrer Runs with Same power supply to Analyzer with Wi-Fi/ Blue tooth enabled
1.1	Functional Requirement	To test & display FAT, SNF & Added water/ Lactose/ Protein/ Salts, /Temp/Density sample Milk.
1.2	Type	<p>Direct FAT:0.5% to 12% accuracy+/-0.1%</p> <p>Measuring 12% to 15% accuracy+/-0.2%</p> <p>Parameters: SNF: 6% to 15% accuracy: +/-0.15%</p> <p>Temperature: 1°C to 40°C</p> <p>Calculated: CLR:15 to 40 accuracy : +/-1</p> <p>Parameters: Protein :2% to 7% accuracy+/-0.1</p> <p>Lactose: 0.01% to 6% accuracy+/-0.2</p> <p>Resolution: Added Water in Milk 0% to 99%</p> <p>Accuracy: +/-3% FAT, SNF , Lactose,Protein, Salts: 0.01%</p> <p>Temperature: 1°C</p> <p>CLR:0.5, Added Water:1%</p> <p>Repeatability: FAT: +/-0.07% SNF: +/-0.1%, CLR+/0</p> <p>Milk Testing time</p> <p>(Measurement -25 sec to 40 Sec</p> <p>Milk price Per Liter on Display</p>
1.3	Technical	<p>Milk Temperature: 1 to 40°C</p> <p>Measurement Time: 25 Sec to 40</p> <p>Sample Volume: 15 ml</p> <p>Average Speed: 90-120 samples/hr</p> <p>Number of Calibration: 3 Operation Time Limit: Continuous</p> <p>Display: High contrast blue / green backlight 4 line</p> <p>20-character LCD Display.</p> <p>Average Speed: 90 to 120/hr</p> <p>Environmental: Ambient</p> <p>Temperature 10°C to 40°C</p> <p>Conditions: Relative</p> <p>Humidity 30 to 80%</p>

1.4	Connectivity	Should have provision for serial communication (RS232/USB) / wire less/ IoT Integration/ Application Programming Interface(API) for integration with ERP.
1.5	Test & Cleaning Log	Can save test & Cleaning count
1.6	Storage data on analyser	30 days minimum
1.7	Electricals	1. In Put Voltage 100-264V 50Hz 2. Battery 12V12ah Li-Fe P04 3. Output 2 out put (1 for analyzer and 1 for Stirrer) 4. Backup > 250 sample 5. solar input 50W solar panel 6. Solar charging: MPPT charge controlling 7. Charging source Mains + solar 8. Output voltage supply sequence Mains (Priority 1) (battery priority)
1.8	Manual	Operating Manual each in English & Local language per AMCU supply
2.0	Cleaning	Auto Buzzer Required,
B. 2.1	Ultrasonic Milk sample Stirrer	Detachable
2.2	Functional Requirement	To remove air from fresh milk sample by vibrations created in the milk before testing of milk.
2.3	Operational Abilities	Mode selection for Type of Milk ; (1) cow, Buffalo ,Mixed / single Curve with Cleaning calibration, system error list etc.
2.4	Type	Table Top, Ultrasonic Stirrer
2.5	Stirrer for Ultrasonic stirrer	Frequency and Time Setting
2.6	Ultrasonic Frequency	20-25 KHz (Variable)
2.7	Timer	1-99 Sec selectable
2.8	Environment	Suitable for dusty/humid village environment, operating temperature -5 to 50 Degree C
2.9	Complete Ready to use	Item complete in all respect with required electric/electronic parts, ready for use at site.
3.10	MoC For body	AISI 304, 1.2 mm thick minimum
3.11	Operating Voltage & power supply for Milk Analyzers	230 Volts +/-10, AC,50 Hz and 12 Volts DC

3.12	Loose accessories	Holding bottom tray for spillage -1 No. Connectivity through Bluetooth AC Power cable with plug top -1 No. Measuring mugs -2 No Daily cleaning solution - No. of Bottle 3 (Quantity minimum m200 ml or equivalent). Weekly cleaning solution No. of Bottle 2 (Quantity minimum m200 ml or equivalent) <u>OR</u> Monthly Cleaning solution - No of bottle 2 Minimum 200 ml or equivalent
3.13	Certificate	Milk Analyzer must be CE Certified
3.14	Performance Certificate	Performance certificate should be approved from NDDB calf
3.15	Secured Calibration	Milk-Analyzer should be Bluetooth/WIFI enabled device and secured calibration is possible through mobile. Only authorized person can operate through secured mobile app, hence error free calibration without any manual intervention. All the historical data of calibration is stored on the cloud
3.16	Preventive	The system should be capable of recording Cleaning data and Error Log, which is stored on the cloud. This data may provide actionable alerts for preventive maintenance
3.17	Mobile Application	Blue tooth enabled Mobile application
3.18	Warranty	3 Years
3.19	MOC	AISI 304 0.75 mm thick minimum
3.20	Operational abilities	Mode selection for type of milk - (1) Cow, Buffalo, Mixed/Single curve with cleaning, calibration, system error list etc.

SPECIFICATION OF MICROPROCESSOR BASED DATA PROCESSOR UNIT

WITH IN BUILT THERMAL PRINTER may be considered.

4.0	DPU Within built printer & 4G GSM Modem with external antenna with wi-fi, Bluetooth enabled	<ul style="list-style-type: none"> - Microprocessor: 32-bit or higher, 1.5Ghz or higher - Operating System: AOSP/Linux Kernel - RAM: 128MB DDR2 or higher - Memory: 256MB Flash - Storage: In Built SD card (8GB or higher) - Clock: Built-in RTC (Realtime clock) with Battery - Display: 3.2" or higher TFT/ Touch Screen Color LCD/Graphic LCD - Printer: Inbuilt Thermal Printer
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4.1	Main Components	DPU
4.2		<ul style="list-style-type: none"> - Modem: 4G Modem with slot for external antenna - Ports: 2 x USB, 4x RS232 (Wired/wireless) - Keyboard: USB PC Keyboard - Battery Backup: Inbuilt - Wi-Fi: Wi-Fi Hotspot to transfer data when GSM network is not available. - Bluetooth: Bluetooth communication capability with Ultrasonic milk analyser, Electronic weighing scale, Remote digital display.
4.3	Remote Display	<ul style="list-style-type: none"> - LED height - 12.5 mm, 7 Segment, - RS232 interface, along with 5- meter power and data cable
		Cabinet: ABS/GPSP powder coated rust free cabinet

4.4 C. Printer Specification – Thermal Printer detachable

1. Printing Paper Size – 53-58 mm
2. Operating voltage – 12v
3. Interface – RS 232.
4. Printing Parameters – FAT, SNF, CLR, PROTINE, LACTOSE, SALT, ADDED WATER, RATE
5. MOC – GI- COATED

4.5 D. External Key Board

- 4.6 The supplier should also provide Annual Maintenance Contract after warranty period on chargeable basis, if felt necessary by the purchaser.
- 4.7 Training – The supplier shall ensure proper and accurate functioning of all the components of the Milk Analyzer and impart training to the operating staff in operation, maintenance and routine check till the operating staffs are confident in operation and routine maintenance.
- 4.8 Operational & Cleaning SOPs (including leaflet on troubleshooting) - Provide laminated wall chart indicating important steps involved in operation & cleaning of the Milk Analyser for displaying in DCS.

SPECIFICATION OF WEIGHING MACHINE**ANNEXURE-III**

Sr.No	Particulars	Specification
10	Electronic Weight Scale	100 KG KG / LTR FACILIT
1.1	Functional Requirement	To Electronically weigh & digital display of milk quantity in litre in a container
1.2	Capacity	100k
1.3	Least Count	10 m
1.4	Weight Accuracy	10 gm as per Standards of W & M Rules 1987 medium accuracy Class III
1.5	Certification & Stamping	Duly Certified and stamped by W&M Dept. and confirming to IS:9281(pt 1&2) 1979, 199281 and 199281 (pt.4) 1983 as amended up-to-date.
1.6	Display Resolution	1/10,000 accuracy , Class-III
1.7	Load Cell	200k S/S ADI
1.8	Over Load & shock Load Protection	300% to take impact of loading with audio (beep) visual indication
1.9	Platform Size	400 mm X 400 mm
1.10	Platform Material	MS Structure with SS Top Platter of SS-304
1.11	Platform under frame material/design	Cold rolled mild steel box of adequate size, Hot dip galvanized after fabrication . All screw/bolts/nuts to be of SS.
1.12	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.
1.13	Display Unit Mounting	Pole mounted type with sturdy base 38mm dia pipe 1.2 m height Display unit to be made of ABS cover with 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 computer compatible
1.14	Calibration protection & Sealing Arrangement	Special arrangement to house PCB & Sealing arrangement
1.15	Load Cell Cable	Load Cell cable from platform to display unit with reinforced heavy PVC conduit.
1.16	Battery for working on power failure	In built, 6 V capacity minimum for 6 hrs.
1.17	Power Supply	As given above with minimum 1 m power cable with plug top AC/SC
1.18	Model Approval Certificate	Manufacturer to have model approval certificate of regulatory authority / Govt of India Weights & Measure Unit
1.19	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.
1.20	Legal Metrology	Party having State Legal Metrology License for both dealer / repair should be produced in tender document.

COMMERCIAL BID FORMAT FOR REFERENCE ONLY

Validate	Print	Help	Wise BoQ								
Tender Inviting Authority: OMFED											
Name of Work: Supply, Installation, Commissioning & Testing of Milk Analysers with DPU, solar Pannel, external lithium Battery with weighing Machine at Milk Union level											
Contract No: 7684818686											
Name of the Bidder/ Bidding Firm / Company :											
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)											
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE (F.O.R BASIS) including installation & Commissioning In Figures To be entered by the Bidder in Rs. P	GST (If applicable in Percentage)	GST Amount in Rs. P	Make/Manufacture Name	TOTAL AMOUNT excluding taxes in Rs. P	TOTAL AMOUNT including taxes in Rs. P	TOTAL AMOUNT In Words	
1	2	4	5	6	7	8	9	10	11	12	
1	Milk Analysers with DPU, solar Pannel, external lithium Battery with weighing Machine										
2	Milk Analyser with DPU Solar panel external lithium battery with Weighing balance 100Kg thermal printer & external key board as per specification mention in the DTCN.	3000.00	Nos			0.00		0.000	0.000	INR Zero Only	
Total in Figures								0.000	0.000	INR Zero Only	
Quoted Rate in Words				INR Zero Only							

Bidder shall be filled the Commercial bid through E- procurement site.