

SEALED OFFER DOCUMENT

FOR

**Supply & installation of tamper proof digital water flow meters with
telemetry at different Units of OMFED**



**THE ORISSA STATE CO-OPERATIVE MILK PRODUCERS' FEDERATION LTD.
BHUBANESWAR**

April 2023

**Paper Cost: Rs.1000/- + 18%GST
(or say Rs.1,180/-)**



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

TENDER NOTICE

OMFED invites sealed techno-commercial offers in separate envelope from bidders for **Supply & installation of tamper proof digital water flow meters with telemetry at different Units of OMFED.**

Tender document can be **downloaded from** website www.omfed.com from **dt.15.04.2023 to dt.02.05.2023** against payment of **Rs.1000/- + 18%GST (or Rs.1,180/)** in shape of Demand Draft drawn in favor OMFED drawn on any Nationalized bank payable at Bhubaneswar. The tender document should be duly filled & submitted on due date along with the cost of tender paper. Bids with EMD amounting **Rs.10,000/-** shall be received up to **14:00** hours on **dt.02.05.2023** & shall be opened on the same day at **15:30 Hrs** at Omfed Corporate Office, D/2, Saheed Nagar, Bhubaneswar – 751007 in presence of interested bidders. Bids without requisite EMD & paper cost shall not be considered.

Tenderers are requested to visit OMFED website regularly as any **corrigendum / addendum** may be published in OMFED website and not in any other media/ newspapers.

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

**Managing Director
OMFED**

Eligibility and Qualification requirements: -

- The bidder should have minimum two years' experience in execution of such work. Copy of purchase order and work completion certificate are to be provided.
- The bidder should be financially sound and equipped with required manpower and machineries to carry out the work within the scheduled time. Annual Sales turn over should not to be less than 5 lakh during the financial year 2019-20, 2020-21 and 2021-22.

Note: OMFED Management reserves the rights to relax the eligibility criteria if required for execution of work in time to comply the statutory requirement.

DOCUMENTS TO BE SUBMITTED IN THE TECHNICAL BID:

- Documents in support of credentials of the party.
- Work order copy and completion certificate from the clients where the party has executed such type of work in last two years.
- Audited profit & loss account statement for the year 2020-21 & 2021-22.
- Copy of IT return for the financial year 2020-21 & 2021-22.
- GST Number.
- Copy of GSTIN / PAN No.
- Cost of tender paper & EMD in shape of Demand draft in the name of OMFED payable at Bhubaneswar only. Bids without requisite EMD & paper cost shall be rejected.
- The original bidding document as downloaded by the bidder should be signed & sealed in each page by the bidder as a token of having read, understood & accepted the contents, therein.

DOCUMENTS TO BE SUBMITTED IN THE COMMERCIAL BID:

- The bidder shall submit their offer as per given format provided in this document. The rate shall be inclusive of freight, packing, forwarding, transit insurance, all taxes, duties & GST etc. as applicable.
- The rate shall include supply of tamper Proof Digital Flow Meters including and Installation, Testing, commissioning with all necessary accessories & stamping by the Legal Metrology Department.

SCOPE OF WORK

- Supply of flow meter with all accessories like pipe, fittings & valves etc.
- Installation of flow meter
- Training after installation
- Statutory application for installation to stamping and getting clearance from authority
- Getting permission from local Executive engineer and other authorities if required for abstraction of ground water

TERMS OF PAYMENT

- 80% payment after safe arrival of materials at site.
- 20% payment after installation, trial run & stamping of the flow meter.
- Performance Security Deposit @ 5% of the Order Value shall be deposited by the bidder during the time of order acceptance or the same shall be deducted from the running bill. PSD shall be released after 01 (one) year from date of completion of work subject to successful operation.
- All payments are subject to deduction of statutory dues like IT, TDS & as per taxes levied by Govt. as applicable.
- Penalty @0.5 % of order value shall be imposed per week in case of delay in execution work beyond the stipulated completion period.

PERIOD OF COMPLETION

- Two months from the date of issue of work order.

VALIDITY OF OFFER:

- Three month from the date of notification.

Name & Signature with address & seal
Contact no.
Email Id.

TECHNICAL SPECIFICATIONS:

Technical specifications of Tamper Proof Digital Flow Meters with telemetry for groundwater extraction monitoring

Metering Technology	Ultrasonic
Turndown ratio (R)	Minimum 40
Communication	Inbuilt dual SIM based 4G with fall back on 2G
Power Source	The meter and telemetry are operated with non-rechargeable batteries with minimum 3 years life with every 12 hours transmission .
Sealing	The meter and telemetry system will be provided with proper mechanical and electronic sealing arrangement.
Certification	ISO 4064: 2014
Ingress Protection	Meter along with the telemetry system is certified with IP68
Accuracy	Class 2, T50, as per ISO 4064:2014
Test Certificate	The meter manufacturer shall submit the latest test certificate of the meter, from FCRI / National Physical Laboratory (NPL) or any government NABL accredited laboratory, for at least one meter in a supply lot
Cloud	The Communication / telemetry data will be directly captured in a secure cloud. The cloud service provider is empaneled with MeitY.
Transmission frequency	Every 8/12/24 hours as per the requirement of the purchaser.
Integration with other dashboards	We will provide web APIs to integrate the flow meter data with any dashboard as desired by the purchaser.
Meter indicator	The meter shall display the following parameters on LCD <ol style="list-style-type: none">1) Instantaneous flow rate2) Cumulative flow volume3) Flow direction

Name & Location of the dairy Plants

Name of Dairy	Address	Distance from Bhubaneswar (in Km.)
Angul Dairy	Panchamahala, Po-Koradagadia, Dist-Angul, Pin-759132	150
Balasore Dairy	At/Po-Januganja, Via-Remuna, Dist:Balasore, Pin-756003	225
Berhampur Dairy	At/Po-Ankushpur, Near Kukudakhandi, Berhampur, Ganjam	171
Bhawanipatna Dairy	At-Bhangabadi, Po-Bhawanipatna, Dist:Kalahandi	430
Dhenkanal Dairy	At:Paikadahikora, Po-Baladia Bandha, Via-Govindpur, Dist:Dhenkanal	60
Jeypore Dairy	At/Po-Umari, Near Jeypore Railway Station, Via-Jeypore, Dist:Koraput	530
Keonjhar Dairy	At:Silisuan, Po-Raisuan, Dist:Keonjhar	220
Rourkela Dairy	At/Po-Luakera, Rourkela-9, Dist:Sundargarh	380
Sambalpur Dairy	At-Goshala, Kalamati Dist-Sambalpur, Pin-768025	350
Salapada Dairy	At/Po-Salapada, Dist:Keonjhar, Pin-758020	143
Sonepur Dairy	At/Po: Kalapathara, Dist.:Sonepur, Pin - 767017	275
Tangi Dairy	At - Chandeswar, Tangi, Dist-Khurda, Pin-752023	72
Cattle feed Plant, Radhadamoderpur	At/PO: Radhadamoderpur, Dist:Cuttack, Pin - 754029	47
Cattle feed Plant, Jagannathpur	At: Jagannathpur, PO:Balianta, Dist: Khurda, Pin - 752101	17
Corporate Office	D-2, Sahid Nagar, Bhubaneswar – 751007. Dist. -Khurda	

PRICE BID
(SUPPLY & INSTALLATION OF FLOW METER)

Sl. No.	Item	Qty	Total Amount (in Rs.)
1	Supply of Smart Ultrasonic Flow Meters with inbuilt dual SIM 2G/4G telemetry unit of 2-inch diameter fully battery operated complete as per the above technical specification including one year warranty	28 nos	
2	Installation, Testing and Commissioning for Smart Ultrasonic Flow Meter with all necessary accessories	28 nos	
3	AMC/yr and data Charges (for 1 Years)	28 nos	
	Sub-Total		
	Add: GST (as applicable)		
	Total		
In words: (.....)			

- N:B: 1. AMC shall be considered after expiry of warranty period.**
2. Any cutting / overwriting in price bid will lead to rejection.

Name & Signature with address & seal

Break up of prices supply & installation of digital flow meter at different dairies

SI No.	Name of Dairy	Quantity (nos)	nominal size of the pipe	Amount (in Rs.)			
				Supply	Installation	AMC/yr and data Charges for 1 Years	Total
1	Angul Dairy	1	1.5"				
		1	2.0"				
2	Balasore Dairy	2	1.5"				
		2	1.25"				
3	Berhampur Dairy	1	1.25"				
4	Bhawanipatna Dairy	1	1.5"				
5	Dhenkanal Dairy	2	1.5"				
6	Jeypore Dairy	1	1.5"				
7	Keonjhar Dairy	1	1.25"				
8	Rourkela Dairy	3	1.5"				
9	Sambalpur Dairy	2	1.25"				
		1	2"				
10	Salapada Dairy	2	1.5"				
11	Sonepur Dairy	2	1"				
12	Tangi Dairy	1	1 "				
13	Cattle feed Plant, Radhadamoderpur	2	1.5"				
14	Cattle feed Plant, Jagannathpur	1	1.5"				
		1	2.0"				
15	OMFED, Corporate Office	1	1.5"				
	Sub-Total	28					

Name & Signature with address & seal
