

TENDER DOCUMENT

FOR

**SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND
TRIAL RUN OF DG SETS & SERVO VOLTAGE STABILIZER AT
DIFFERENT MILKUNION OF OMFED.**



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

Phone : (0674) – 2540273 / 2546030 ,2540417, Tele Fax : (0674)-2540974

E-mail : omfed @ yahoo.com

March 2024

Cost Rs. 1000/- +18% GST



The Odisha State Cooperative, Milk Producers' Federation Ltd.

D-2, SAHID NAGAR, BHUBANESWAR-751 007.

Ph No- 2546030/2540273/2540417, Fax No (0674)2540974

Bid Identification No. 513/CSS/NPDD /SUPPORT TO MILK UNION

Estimated Cost (Rs.)	Cost of Tender paper. (Rs)	Availability of tender paper in Omfed website		Date of opening	Bid Security (Rs.), (EMD)	Period of completion
		From	To			
45,00,000.00	1000 +18 % GST	14.03.2024 From 10.00 A.M Onwards	30.3.204 To 2.00 PM	30.3.2024 at 3.00 PM	2% of the Estimated Cost	60 days
10,00,000.00	1000 +18 % GST				2% of the Estimated Cost	60 days

1.OMFED invites Techno-commercial offer from original equipment manufacturer or their authorized distributor for supply of installation , Commissioning ,testing & running of DG Sets & Servo Stabilizer of reputed brand having ISI/BIS certification for supply, installation, testing, commissioning and trial run for indicative requirement of 12no, at different milk unions.).

2.Bid documents consisting of specifications, the schedule of quantities and the set of terms and conditions of contract and other necessary documents can be seen in the website www.omfed.com The corrigendum/amendment to this notice if required shall be published only in the OMFED web site www.omfed.com and will not be published again in news paper.

3.The **Bid documents will be available** in the website: from of **14.03.2024 to 30.03.2024**.

4 (i) The tender paper cost (in shape of D/D) & EMD (i.e 2% of estimated cost) in the form of D/D in original, to be submitted

(ii) Photo Copy of GST, PAN, Registration Certificate of firm, Experience Certificate, other documents as per detail tender call notice(DTCN) with duly signed by the bidder. (Only Papers relating to Technical Bid)

(iii) Financial Bid in separate closed envelope captioned as **Financial Bid** on the envelope.

As mentioned **4 (i) & (ii)** shall have to be deposited in two different sealed envelopes within 14.03.2024, **10.00 A.M.** from **30.03.2024 to 02:00PM** at the OMFED Corporate office, Bhubaneswar.

Non submission of cost of bid document and bid security within the period shall debar from participating.

5. Bids shall be received only **on or before 3.00 PM of 30.03.2024**

6. Bids received shall be opened (technical) **on 30.3.2024 (time as mentioned)** at OMFED Corporate office in the presence of the bidders. 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.

7. The cost of bid documents & EMD in demand draft issued from any **Nationalized Scheduled Bank may be prepared in favour of OMFED, payable at Bhubaneswar.**
8. The Co-operatives, Govt. bodies, NSIC and MSME registered firms are exempted from submitting required EMD.
9. Other details can be seen in the bidding documents.
10. The Financial bid will be opened among the technically qualified bidders & it will be intimated in due time
11. The management reserves the right to cancel any or all bids without assigning any reason thereof.
12. Any corrigendum / addendum will be displayed only in the OMFED web site (www.omfed.com)
13. Defaulters in earlier supply to Omfed or Black listed anywhere in the country are not allowed to participate in the tender.
14. Jurisdiction – The court at Bhubaneswar alone will have jurisdictions for any legal dispute which may arise out of this tender

Sd/-

Managing Director,

OMFED

General Terms & condition

Eligibility Criteria

1. The bidder should have after sale service center inside the State of Odisha.
2. The average annual sales turnover of the bidder detailed out below.

SI no	Item Description	Minimum Average Annual sales turn over (Rs) for the year 2020-21 to 2022-2023
1	DG Sets	Rs 200.00 Lakhs
2	Stabilizers	Rs.30.00 Lakhs

3. The bidder should have supplied above Machineries to different Milk Union/ Milk Federation/ Dairy Plants for the year 2020-21 to 2022-23 and should submit the proof along with copy of purchase order.
4. The bidder should have DG & Servo Voltage Stabilizers of ISI/BIS mark & certification.
5. Specification Each supply of these material must confirm to the Technical Specification enclosed as Annexure I & II
6. Quantity requirement : Attached separately
7. The quantity Requirement : Attached separately
8. The quantity may vary and will be as per rate that will be finalized & at the discretion of OMFED.
9. Offer price / Rate: Quoted price should be FOR inclusive of all taxes, transport & insurance charge installation, commissioning & training etc.
10. In case there is any increase/reduction in Government taxes, excise, levis, the same will be made effective immediately.
11. **Delivery Time:** Supply, commissioning, testing & running within **60 days** from the date of acceptance of the order, directly at site.
12. The default penalties during deliveries of goods at all destination/site shall be in your accounts and no any extra charges paid for the same.
13. The goods to be supplied, shall be fully insured by supplier against loss/ damage incidental to manufacturer or acquisition, transportation, storage and delivery in the manner specified in the condition.
14. If any loss/damage occurs, the supplier shall make arrangement for repair and replacement of the same within the stipulated time.

15 EMD/Security deposit:

You are required to pay EMD/security deposit by demand draft drawn in favour of OMFED, payable at Bhubaneswar as per the terms of the business.

16. This EMD/Security Deposit will carry no interest & shall be refunded only after completion of orders/contract satisfactorily and after obtaining clearance certificate from member unions that there are no outstanding dues to be recovered from you.

17 .**Change in terms, conditions & specifications:** In case of any midyear change in terms, conditions & specifications decided by OMFED management, we reserve the right to cancel the contract with you in part or in full. However, in such instance, we shall provide you with adequate notice period.

Delivery Time.

Supply: Within 60 days from the date of acceptance of the order. The delivery sites will be given in the Purchase order.

Installation: Installation, Commissioning and trial run within 15 days from the date of Delivery of materials at site.

Terms of payment

- Bills in triplicate shall be submitted along with a copy of P.O 75 % on safe arrival of material at site.
- 15% after successful commissioning.
- PSD @ 10 % of billed value 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 TDS as applicable.

Penalty

- Penalty @ 0.5 % of the order value per week or part of the week shall be imposed for delay in execution beyond the time frame. The penalty amount will be Limited to 10% of the order value.

Document to be submitted in technical bid.

- Certificate from the client with detail contact address to establish supply of the items which are functional.
- Proof of sales turn over.
- Undertaking by the bidder that the bidder is not black listed by any Co-operative Milk Union/ State Milk Federation.

- Audited profit and loss account for the year 2020-21 to 2022-23, IT returns for the financial year 2022-23
- Credentials in support of supply and installation of stabilizer set.
- Completion and performance certificate issued by the clients are to be furnished.
- Demand Draft towards tender paper cost and EMD as applicable.
- Printed technical literature / catalogue of the offered model (s) of the equipment.
- Duly filled in Manufacturers' authorization letter (for authorized channel partner)
- Xerox copies of PAN / GST.
- Demand Draft towards EMD.
- Valid NSIC/MSME certificate holders are exempted from the EMD (subject to submit the copy of said certificate for verification).
- Valid ISI/BIS certificate.

18. Terms and Condition

- Bidders are advised to visit site prior to tender.
- The Stabilizer should have BIS/ISI mark/certification of reputed brand
- The offered price should be uniform for all site of different Milk Union inside the State of Odisha irrespective of distance.
- The DG Sets /servo Stabilizer shall be covered under one year guarantee period from the date of installation and one year free service after expiry of guarantee period.
- 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.
- The quantity mentioned here is likely to vary subject to availability of fund.
- 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 falling which the offer shall not be considered.

VALIDITY OF OFFER:

02 years from the date of notification.

TECHNICAL BID FORMAT FOR DG SETS

SL NO	Description	Details
1	Name of the Company	
2	Office address	
3	Phone no Fax No.	
4	Corporate Head Quarter address & Contact no .	
5	Local office address & Contact no in Odisha .	
6	Web site Address.	
7	Nature of the Ownership.	
8	Firm Registration No with date	
9	Details of Statuary Certificate / License/ Clearance.	
10	GST Registration No	
11	PAN no	
12	DD for EMD	
13	DD for Tender Cost.	
14	ISO Certification no/ Validity	

Signature with seal:

Date:

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 2020-21 to 2022-23		
04	I.T return for last 03 Years i.e. FY 2020-21 to 2022-23		
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 April 2023 to December 2023.		
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		

REQUIREMENT OF DG SETS

SI No	Name of Item	Details of Electrical Phase	Quantity
1	16 KVA	Single Phase	10
2	25KVA	Three Phase	2

Signature:

Seal:

Date:

DIESEL GENERATOR

TECHNICAL SPECIFICATION OF D.G.SET

Sl no.	Description	Specifications Required
1.	General Operating and Design conditions	<p>The DG set shall be of capacity:</p> <ul style="list-style-type: none"> • 15 KVA single/three phase, air or water cooled for 1 KL / 2 KL BMC & • 25 KVA three Phase, air or water cooled for 5 KL BMC. <p>The DG set should be heavy duty design , industrial type, rated for continuous operation for the refrigeration system, milk tank agitator & milk dispatch pump, hot water geyser (approx. 2,0 kW), AMCU, Lightings, Ceiling fan.</p> <p>The diesel engine and alternator should be mounted on specially designed combination base plate and MS structure of extremely rigid fabrication. The base frame should be suitable for mounting the set on AVM pads over the foundation.</p>
2.	Confirmation to regulatory norms for environment and Approval from Local authorities	<ul style="list-style-type: none"> • DG set should carry a valid approval certificate issued as per CPCB norms complying with the provision of the Environment (Protection) second Amendment Rules 2002, vide notification no G. S. R. 371 (E), dated 17th May 2002& amended by GSR 448 (E) dt.12/07/2004. • Also compliant with new CPCB II norms applicable from April 1, 2014. • The exhaust pipe with exhaust muffler with insertion loss of minimum 25 dB (A) is connected to the exhaust manifold preferably with flexible bellows. • In case the DG Set is located within the BMC building, the exhaust pipe with insulation & cladding of adequate length be provided extending the original pipe over the roof of the building to avoid pollution in and around the location. • Supplier to obtain the approval of Local authorities in case it is required by the rules.
3.	Diesel Engine	<ul style="list-style-type: none"> • The diesel engine should be suitable for Power Generation application type air or water cooled and capable of developing required BHP when running at 1500 rpm under NTP conditions. • The engine should be built to IS 10000/ISO 3046/BS 5514/649 and rated for continuous running of 24 hours with an overload capacity of 10 % for a period not exceeding 1 hour in any 12 hours running. Diesel engine up to 20 kW should have valid BIS license and certificate clearly mentioning use for 'General purpose application as per IS 10001 norms. • Engine ratings should be for operation at full load condition and should be suitable to take 100% block load.

		<ul style="list-style-type: none"> • Self-starting arrangement with 12V suitable rated heavy-duty Lead Acid accumulator type battery with Solid-state battery charging arrangement and cables. • Standard set of tools. First fill of Lubricating oil, First fill of coolant, Lubricating oil pressure & temp. gauge, • Standard set of tools. First fill of Lubricating oil, First fill of coolant, Lubricating oil pressure & temp. gauge, • Control panel for engine with engine safety temperature, V-belt failure, low lub oil pressure, low water level in radiator auxiliary failure, air cleaner choke indicator. • Steel Diesel Storage barrel of 200 lit capacity with manual pump
4.	Engine Instrument Panel (Mechanical and/or electronic gauges)	Consist of Ignition key, Starting push button, Lubricating oil pressure gauge, Temperature gauge for cooling water, Temperature gauge for lubricating oil, RPM meter (Analog type), Battery charging ammeter
6.	Alternator	The engine should be closely / flexible coupled to suitable selfexcited, self regulated (through an AVR) alternator developing required KVA at 0.8 power factor, 1 phase/3 phase, 50 cycle/sec, 230 volts AC power supply under NTP conditions when running at 1500 RPM. The alternator should be brushless type, screen protected and fitted with end shield and ball roller bearings. The alternator shall have 'H' class of insulation. It shall conform to IS13364 (Part 1) 1992 up to 20 KVA, IS 13364 (part II) 1992 or IS 4722 of 1992 above 20 KVA.
5	Control Panel	<p>The diesel generating set to have suitable control panel duly prewired with the following instruments:</p> <p>One ammeter with selector switch, One energy meter with selector switch, Hour meter, One suitable capacity MCCB with overload and short circuit protection to disconnect power supply in case load of generating set increases beyond permitted limits. The rupturing capacity of the MCCB should not be less than 25 kA. One set of indicating lamps and control fuses.</p>

Signature:

Seal:

COMMERCIAL BID FOR DG Sets

SI No	Name of Item	Quantity	Unit	Unit price	Total GST Amount for All Quantity	Total Amount with taxes	Total Amount without taxes
1	16 KVA- Single Phase	10					
2	25KVA- Three phase	2					

TECHNICAL BID FORMAT FOR SERVO STABILIZER

SL NO	Description	Details
1	Name of the Company	
2	Office address	
3	Phone no Fax No.	
4	Corporate Head Quarter address & Contact no .	
5	Local office address & Contact no in Odisha .	
6	Web site Address.	
7	Nature of the Ownership.	
8	Firm Registration No with date	
9	Details of Statuary Certificate / License/ Clearance.	
10	GST Registration No	
11	PAN no	
12	DD for EMD	
13	DD for Tender Cost.	
14	ISO Certification no/ Validity	

Signature with seal:

Date:

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 2020-21 to 2022-23		
04	I.T return for last 03 Years i.e. FY 2020-21 to 2022-23		
05	PAN No(Photo Copy To Be Attached)		
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10	Authorization letter from Original Manufacturers		
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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		

REQUIREMENT OF SERVO VOLTAGE STABILIZER

Capacity (KVA)	Details of electrical phase	Quantity (NOS)
16 KVA	Single phase	10
25	Three phase	2
Total	--	12

TECHNICAL SPECIFICATION FOR STABILIZER

Sl no.	Particulars	Technical Specifications
1.	Servo Voltage Stabilizer	Required for stabilizing the power supply to BMC from grid or DG set. 16 KVA - 1 Phase for 1 KL / 2 KL BMC 25 KVA - 3 Phase for 5 KL BMC
2.	Voltage range	90 to 260 V for 1phase and 260 to 500 for 3 phase BMC
	Voltage Out Put	230 V +/- 1% for Single Phase 415 V +/- 1% for 3 Phase
	Voltage correction	35V/Sec
3.	Rating	16 KVA- 1 Phase Air Cool 25 KVA - 3 Phase Oil Cool
4.	MOC, thickness & type of structure	MS powder coated , 1.6 mm & pipe structure
5.	Accessories for 1 phase stabilizer	63A MCCB for incoming , 63 A phase selector, changeover and bypass switch, LED lamps, Servo controlled correction transformer, Digital V,I,F indicator for input & output, 63 A terminal blocks, OV/UV trip with delay time, single phase preventer, static type energy meter with 10-60 A capacity, Brass metal glands, MCB's (DP 63 A-2nos, DP 32 A-1 no, Dp 16A-1 no), Metallic pump socket, Servo Motor.

6.	Accessories for 3 Phase stabilizer	40 A MCCB for incoming , 40A phase selector, change-over and bypass switch, LED lamps, Servo controlled correction transformer, Digital V,I,F indicator for input & output, 63A terminal blocks, OV,UV trip with delay time, single phase preventer, static type energy meter with 10-60A capacity. Brass metal glands, MCB's (TPN 40A – 2 nos , TPN 32 A-1no, TPN 16 A-1no), Metallic pump socket, Servo Motor.
7.	Operating features	Cable entry from top, response time -5 milliseconds, should withstand 150% load on surge duty, capacity of terminals should be 150% of rated current, Dimmer with CRGO core, Separate Auto/manual facility, plug in type control card for each phase, correction speed-105 v/s, Efficiency-99.5%.

COMMERCIAL BID FOR SERVO STABILIZER

SI No	Name of Item	Quantity	Unit	Unit price	Total GST Amount for All Quantity	Total Amount with taxes	Total Amount without taxes
1	16 KVA- single phase	10					
2	25 KVA Three phase	2					

