

Bid Identification No. MM/111/EQUIPMENT/24-25

e-TENDER CALL NOTICE

For

**PURCHASE OF SILAGE MACHINE, CHAFF CUTTER & PALLET
STRETCH FILM**



MM DIVISION, OMFED, BHUBANESWAR

**The Orissa State Cooperative, Milk Producers' Federation Ltd.
D-2, SAHID NAGAR, BHUBANESWAR-751 007.
Ph No- 2546030/2540273/2540417, Email – mmdivision@omfed.com**

INDEX

Sl. No.	CONTENTS	PAGES
1	e-TENDER CALL NOTICE	3-4
2	ELIGIBILITY CRITERIA	5
3	TECHNICAL SPECIFICATION	6-11
4	BIDDERS INFORMATION SHEET	12
5	SPECIFICATION & REBATE CONDITION	13-16

BOQ (AVAILABLE IN DESIGNATED CELL)

e-Procurement Notice for Purchase of SILAGE MACHINE, CHAFF CUTTER & PALLET STRETCH FILM

Bid Identification No. MM/111/EQUIPMENT/24-25

Details of the Tender Notice & Schedule

1. Omfed Invites Two Bid system e-tender from Manufacturer/ Authorised Distributor/Dealer & Supplier for supply of **Silage Baler, Chaff Cutter & Pallet Stretch Film for Mini and Micro** for Omfed Training Centre (OMTDC), Near Phulnakhara, Bhubaneswar. 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.

Name of work	Estimated Cost (Rs)	Availability of Tender for online bidding only at https://tendersodisha.gov.in		Opening date of Bid (Technical)	Period of Completion
		From	To		
Suppliers for supply of Silage Baler, Chaff Cutter & Pallet Film	31.00 Lakhs	17.07.2024 on 10.00A.M	31.07.2024 on 05.00P.M	01.08.2024 on 11.30 A.M	One calendar months

3. Cost of Tender Paper Rs 590/- 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 and will not be published again in the newspaper.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 **Bid documents will be available** on the website: <https://tendersorissa.gov.in> from **10.00 AM of 17.07.2024 to 05.00 PM of 31.07.2024** for online bidding.
6. 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> up to **05.00 PM of 31.07.2024**.

7. 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.
8. Bids shall be received only “online” on or before **05.00 PM of 31.07.2024**.
9. **Technical Bids received online shall be opened on 01.08.2024 at 11.30 A.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.
10. The bids of the technically qualified bidders will be opened for evaluation of the price bid.
11. Co-Operatives, Govt. bodies, NSIC and MSME registered firms are exempted from submitting required EMD.
12. 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.
13. The Managing Director, OMFED reserves the right to accept/reject any or all the bids without assigning any reason thereof.
14. 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.
15. Legal disputes if any concerning of supplied product subject to Jurisdiction of such court as exercising civil jurisdiction of Bhubaneswar.

(SIGNATURE OF THE BIDDER)

Eligibility Criteria

- 1) **Cost of tender document is Rs 590/-** including GST, must be submitted with Technical bid.
- 2) **EMD Rs 1,00,000/- submitted with Technical Bid, which will be refund. Successful bidders must be deposited Rs 1,00,000/- towards Security Deposit before placing of Order.**
- 3) Turnover: Annual turnover should not be less than Rs.20,00,000 for the last three years. Proof of sales Turn Over (Audited Profit & Loss Account) to be submitted for the year of 20-21, 21-22 & 22-23.
- 4) Income Tax return & GST return for the financial year 2022-23 must be attached in the tender document.
- 5) The bidder should have registered under GST and IT authority. The photocopy of GST registration & PAN certificate must be attached.
- 6) The material should conform to the technical specification of tender.
- 7) All the documents should be self-attested and sealed.
- 8) Client list and copy of orders to be provided (For credential).
- 9) On Top of **each separate sealed envelope** (both technical & commercial bid), Name of the item, Material & bid identification number should be super scribed & submitted with technical bid.

(SIGNATURE OF THE BIDDER)

Technical Specification

TECHNICAL SPECIFICATIONS OF MICRO SILAGE BALER		
	Parameters	Specifications
1	Length	2360 mm
2	Width	1200mm
3	Height	1960 mm
4	Purpose	Green Fodder and Different Varieties of forages
5	Recommended power sources	5 Hp Electric Motor, 3 phase, 415v
6	Type of Feed Conveyor system	Chain
7	Power Transmission of Conveyor System	Chain and Sprocket
8	Length of Conveyor, mm	2100
9	Width of Conveyor, mm	450
10	Size of Baling Chamber, mm	400
11	Method of opening Baling Chamber	Single Acting Cylinder
12	Number of Rollers in baling Chamber	16
13	Compaction Rate, Kg/m ³	693.28 to 721.58
14	Operating System	Hydraulic
15	Operating Mechanism	Hydraulic Pump and motors with control levers
16	Type of Wrapping Unit	Suitable to wrap the bale with polyethylene/ Polypropylenefilms of 25 - 40 microns
17	Type of Wrapping	2 Stages
18	Bale Size Length, mm	400mm
19	Bale size Diameter, mm	400mm
20	Average weight of the Bale, kg	30-35
21	Machine output, Bale /hr	30 to 33
22	Transport Wheel	Rubber wheels – 2 numbers with good loading carrying capacity suitable to machine weight
23	Tyre	Rubber Wheel with Cast Iron Body

24	Type of hitch and transport arrangement	Towing Hooks Provided
25	Machine weight (Dry), kg	820

TECHNICAL SPECIFICATIONS OF CHAFF CUTTER (ELECTRIC MOTOR)		
SL No	Parameters	TEZ C450
1	Length	1640
2	Width	810
3	Height	1270
4	Purpose	Chopping of Green Fodder and Different Varieties of forages
5	Recommended power sources	3 Hp Electric Motor, 3 phase, 1440 rpm, 415v
6	Type of Feed system	Feeding Chute
7	Length of Feeding Chute, mm	840
8	Width of Feeding Chute, mm	310
9	Dimensions of Fly Wheel, mm	450
10	Number of Blades in Fly Wheel	3
11	Size of Blades mm,(L x W x T)	279.4 x 76.2 x 6
12	Mass of Fly Wheel, kg	15
13	Number of feed rollers	2
14	Type of Feeding	Through feeding Chute
15	Quantity of Cut(kg/hr)	800 to 1000
16	Kerb Weight, kg	210

(SIGNATURE OF THE BIDDER)

Pallet Stretch Film for Micro Silage Baler

Product Description: 420MMx 15 Micron

Film Properties		Unit	Specification	
			Target	Range
Average profile thickness		μ	15	± 3
2 Sigma Range			<5%	± 3
Film Grammage		g/mm ²	12.62	± 3
Film Width		mm		± 2
Secant Modulus @ 2%	MD	MPa or N/mm ²	> 350	
	TD		> 450	
Tensile Stress @ Break	MD	MPa or N/mm ²	> 25	
	TD		> 20	
Elongation @ Break	MD	%	> 600	
	TD	%	> 750	
Stretchability		MD	%	
Elmendorf Tear resistance	MD	g		± 50
	TD	g		± 50
Dart Drop impact	50%	g		± 30
Peel Cling				
Haze		%	< 12	

(SIGNATURE OF THE BIDDER)

MINI SILAGE BALER (MSB 500AT PRO)

TECHNICAL SPECIFICATIONS OF MINI SILAGE BALER (MSB 500AT PRO)	
Parameters	Specifications
Length	6000 mm
Width	1660 mm
Height	2160 mm
Purpose	Green Fodder and Different Varieties of forages
Recommended power sources	5 Hp Electric Motor, 3 phase, 410v
Hopper Capacity, kg	300 - 400, kg
Type of Feed Conveyor system	Chain
Power Transmission of Conveyor System	Chain and Sprocket
Length of Conveyor (circumference), mm	5600
Width of Conveyor, mm	550
Size of Baling Chamber, mm	500
Method of opening Baling Chamber	Double Acting Cylinder
Number of Rollers in baling Chamber	21
Compaction Rate, Kg/m ³	650 to 675
Operating System	Hydraulic
Operating Mechanism	Hydraulic Pump and motors
Type of Wrapping Unit	Suitable to wrap the bale with polyethylene/ Polypropylene films of 25 - 40 microns
Type of Wrapping	2 Stages
Bale Size Length, mm	500
Bale size Diameter, mm	500
Average weight of the Bale, kg	50-70
Machine output, Bale /hr	30 to 35
Transport Wheel	Pneumatic wheels – 2 numbers with good loading carrying capacity suitable to machine weight
Tyre	6.0-16.0-10 PR
Type of hitch and transport arrangement	Single Point and Towing type
Machine weight (Dry), kg	1500

CHAFF CUTTER SPECIFICATIONS

TECHNICAL SPECIFICATIONS FOR TEZ - C950 CHAFF CUTTER	
Dimensions	
Working Position (L x W x H)	3506 mm x 1830 mm x 2744 mm
Transport Position (L x W x H)	2440 mm x 1830 mm x 1626 mm
Power	
Power Option	Tractor PTO or Electric Motor
Tractor Power	40 HP
Tractor PTO	540
Electric Motor	15 HP – 1450 RPM – 3 Phase
Chopping	
Output	6-8 Ton
Chopping Size	6 mm and above (adjustable)
Feeding	Self-feeding chain type conveyor belt
Cutting Syndicate / Flywheel Ø	960 mm
No. of Knives	3 Nos.
Knives Type	Semi Round/Rectangular
No. of Feeding Roller	3 Nos.
Discharge Chute	
Discharge Chute Length	9 Feet (Customizable to 12 feet)
Position Adjustment	Mechanical
Angle Adjustment	Mechanical
Fold-able	1-Fold
Other Feature	
Overload Protection	Standard Safety Bolts
Feeding Gear	Forward & Reverse
Trolley Hitch	Standard

(SIGNATURE OF THE BIDDER)

Pallet Stretch Film for Mini Silage Baler
Product Description: 250MMx 15 Micron

Film Properties		Unit	Specification	
			Target	Range
Average profile thickness		μ	25	± 3
2 Sigma Range			<5%	± 3
Film Gramm age		g/mm ²	21.62	± 3
Film Width		mm		± 2
Secant Modulus @ 2%	MD	MPa or N/mm ²	> 350	
	TD		> 450	
Tensile Stress @ Break	MD	MPa or N/mm ²	> 25	
	TD		> 20	
Elongation @ Break	MD	%	> 600	
	TD	%	> 750	
Stretch ability		MD	%	
Elmendorf Tear resistance	MD	g		± 50
	TD	g		± 50
Dart Drop impact		50%	g	± 30
Peel Cling				
Haze			%	< 12

(SIGNATURE OF THE BIDDER)

Bidder Information

The Bidder shall fill in this form in accordance with the instructions indicated below.

1	Bidder's Legal Name	
2	Bidder's Address	
3	Telephone No.(Mobile/Land)	
4	E-mail ID:	
5	Manufacturing License/Distributor Authorized License	
6	Annual Turnover Certificate of the firm be enclosed	
7	GST Registration No. (Certificate to be attached)	
8	PAN NO.(Photocopy to be attached)	
9	Earned Money Deposit(EMD) (DD No./Date/Bank Name/Amount to be mentioned)	
10	Tender Cost Rs.560/- (DD No./Date/Bank Name/Amount to be mentioned)	
11	Clients List (Copies to be attached)	

(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, loading charges etc. as applicable.

3.0 Bid Security (Earnest Money Deposit) /Security Deposit

- (1) Bidders are advised to deposit the EMD amount through online e-tender portal <https://tendersodisha.gov.in> , which will be refunded.
- (2) **Successful bidders shall be deposited Security Deposit Rs 1,00,000/- to Omfed account before issue of Purchase Order & to be refunded after completion of purchase order.**

4.0 Period of validity of bids

Bids shall remain valid for **60 days after the date of bid opening**, stated in the cover page/ tender notice for Cattle Feed Raw Materials.

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, Sify, TCS, and MTNL etc.

- 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) Bidder exempted from payment of EMD will be able to participate in the tender directly by uploading documentary evidence towards his eligibility for such exemption.
 - d) 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.
- 1.1. 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.
 - 1.2. 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.
 - 1.3. 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.
 - 1.4. The successful bidders will be kept as Security Deposit. The Security Deposit of the Supplier will be forfeited at any time when the supplier fails to meet the delivery schedule , quality parameters or service quality.
 - 1.5. The Security Deposit will be refunded to the Supplier on a written request after satisfactory completion of delivery of the materials.

(SIGNATURE OF THE BIDDER)

-
- 8.0 SPECIFICATIONS:** The specifications mentioned against each item required, should be strictly followed. Any deviation found from the specifications will be rejected.
- 9.0 DELIVERY OF MACHINE:** Purchase Order will be placed for required quantity to be delivered during the specified period.
- 10.0 PENALTY:** If failure to supply as per schedule 0.5% value of delayed, delivered quantity per week will or part thereof will be deducted.
- 11.0 PAYMENT:** (i) 90% payment of order value will be released after delivery of machines & successful installation.
(II) Balance 10% payment will be released on successful completion of One Year.
(III) Any other statutory deduction like TDS etc. as applicable.
- 12.0 INSPECTION:** OMFED reserves the right to depute either our representatives or representatives of our member-unions or of any independent body for inspection of materials while the same are under manufacturing, installation/commissioning etc. To facilitate inspections as and when necessary, you will be required to give prior intimation as to when you are likely to finish manufacturing of equipment. In case during such inspection the result is found unsatisfactory, we reserve the right to take whatever action is necessary to protect our interests. However; at our destination we may decide not to carry the inspection. But we may rely on the certificate of the supplier confirming that equipment manufactured as per the laid down specifications & standards.
- 13.0 INSURANCE FOR SUPPLY:** The manufacturer shall have to arrange all transit risk insurance warehouse to warehouse basis, including strike clauses, for an amount equal to 110 % of the FOR destination value of the Goods, valid for a period of not less than 3 months after the expected date of arrival of Goods at destination. In the event of any damage to/loss of consignment in transit, it will be your responsibility to lodge necessary claims with the carriers/ underwriters and pursue them till settlement. Since the insurance policy will be in our name, if required, we shall give you necessary authorisation letter authorizing you to lodge and pursue claims on our behalf with the carriers/ underwriters. Also you shall have to make good the losses/damages occurred in transit by making replacement /payment to us in the first instance and if claims are settled by the underwriters and any amounts are realized by us, the amounts thus realized in settlement of claims shall be reimbursed to you. In other words, the prima facie responsibility rests on you for getting compensation of the damage/losses incurred if any, due to all transit hazards.

(SIGNATURE OF THE BIDDER)

14.0 TRANSPORTATION: The contractor is required to deliver the Goods FOR Destination, by road. Transport of the goods to the destination shall be arranged through a reputed and Bank approved transporter having local offices at destination and Bhubaneswar, and shall be paid for by the contractor.

15.0 WARRANTEE: 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.

15.1 This warranty / guarantee shall remain valid for 12 months after the goods, or any portion thereof as the case may be.

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

15.3 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.

15.4 If the bidder, 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 bidder under the contract. This warranty/ guarantee shall not cover any damage/s resulting from normal wear and tear or improper handling by the OMFED or his authorized.

16.0 Termination for default

The OMFED may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the bidder, terminate the contract in whole or in part,

(a) If the bidder fails to delivery an or all the goods within the time period (s) specified in the contract, Or (b) If the bidder fails to perform any other obligation(s) under the contract.

(SIGNATURE OF THE BIDDER)