

NDDB DAIRY SERVICES
Tender Invitation for Supply of Manure Solution

**Under Rashtriya Gokul Mission (RGM) at Central Cattle Breeding Farm,
Andeshnagar, Lakhpur, Uttar Pradesh**

Bid Start Date: 14 May 2025

Bid Submission Last date: 3 June 2025

EMD: Rs 1,00,000 (Rupees One Lakh)

1. Background

The Department of Animal Husbandry and Dairying (DAHD), Government of India, through its sanction vide F.No.N-04003/41/2022-Cattle Div. dated 31.10.2023, has approved a grant for the strengthening of the Central Cattle Breeding Farm (CCBF), Andeshnagar, Lakhpur, Uttar Pradesh, under the Rashtriya Gokul Mission (RGM).

NDDB Dairy Services (NDDB DS), invites quotations for the supply of **Manure Solutions** as per the specifications and terms outlined below.

2. Submission of Quotation

- Each bidder is permitted to submit **only one quotation**.
 - Bidders must refrain from contacting other bidders concerning this Request for Quotation (RFQ).
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3. Earnest Money Deposit (EMD)

All quotations must be accompanied by an Earnest Money Deposit (EMD) in the form of **NEFT/RTGS** to the following account:

- **Beneficiary Name:** National Co-operative Dairy Federation of India Ltd.
- **Bank Name:** Union Bank
- **Branch:** Anand Branch (Amul Dairy Road), Anand – 388001
- **Account No.:** 520141000774940
- **IFSC Code:** UBIN0905208

Note:

- The bidding is processed through the **NCDFI e-portal**.

- **Transaction Fees:** 0.40% of the contract value (plus applicable GST) for the successful bidder.
 - **TDS u/s 194/O:** 0.10% of the contract value.
 - Adjustments, if any, must be settled promptly into the same NCDFI account post-award.
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4. Eligibility Criteria

- The bidder must have installed at least **one similar machine** in the last **three years**.
 - A **performance certificate** from the client is mandatory and must be submitted along with the quotation.
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5. Validity of Quotation

- The submitted quotation shall remain valid for a period of **at least 120 days** from the last date of submission.
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6. Evaluation Criteria

Quotations will be evaluated by the Purchase Committee based on the following parameters:

- Adherence to terms, conditions, and technical specifications.
 - Inclusion of all applicable charges including GST, packing, forwarding, freight, and insurance.
 - Evaluation will be done **on an overall basis**.
 - The decision of **NDDB Dairy Services** will be final and binding on all bidders.
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7. Award of Contract

- The contract will be awarded to the **lowest (L1)** bidder who meets the technical requirements approved by the user department.
 - NDDB DS reserves the right to **accept or reject** any or all quotations or to cancel the bidding process without prior notice.
 - The selected bidder shall be notified before the expiry of the quotation validity period.
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8. Terms of Payment

- Payment will be released **within 30 days** after successful setup and satisfactory rollout of the equipment, subject to verification.

9. Inspection and Testing

- NDDB DS, or an agency appointed by it, may carry out **stage-wise and pre-dispatch inspections** to ensure conformity to technical specifications.

10. Supplier Performance and Delivery Timelines

- The supplier must strictly adhere to the **delivery schedule** mentioned in the Purchase Order.
- Any delay must be communicated in writing, with a justification and expected delivery date.
- NDDB DS reserves the right to **extend the delivery period** at its discretion and may impose penalties through a formal amendment.

11. Liquidated Damages

- A penalty of **0.5% of the delayed goods' value per week**, subject to a maximum of **10% of the total order value**, will be levied for delays.
- In case the delay exceeds this limit, NDDB DS reserves the right to **terminate the contract**.

12. Taxes and Duties

- The supplier shall bear all applicable taxes and duties **up to the point of delivery**.

13. Transaction Fees and TDS (Post Award)

- Upon award, the successful vendor must make the following payments:
 - **Transaction Fee:** 0.40% of contract value + GST
 - **TDS under Section 194/O:** 0.10% of contract value
- Payment must be completed within **two working days** of contract award.

Payment Details for Transaction Fee and TDS:

- **Beneficiary Name:** National Co-operative Dairy Federation of India Ltd.
- **Bank Name:** Union Bank
- **Branch:** Anand Branch (Amul Dairy Road), Anand – 388001
- **Account Number:** 520141000774940
- **IFSC Code:** UBIN0905208

14. Contact Information

For further information or clarifications, kindly contact:

Samar Rehman

Purchase Manager

8853491248

NDDB Dairy Services

PR Number: 5100004

Description	Specification	Compliance	Remarks
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Manure Solution	<p>Manure Solution:</p> <p>1. Slurry Pump EP300 with 18 Kw Motor (Qty –1 No)</p> <p>The Pump should be equipped with suitable electric motor of 18 KW to provide maximum pumping efficiency and performance. The pump should be able to function with agitation below ground liquid manure reception and storage pits with vertical walls. The agitation capacity should be around 370 m3/hr & maximum capacity at the outlet should be around 435 m3/hr. It can be used to transfer manure from dung channel to storage facility with flushing Mechanism. Manure should be recirculated under pressure to blend the solid, liquid, and crusted portions of the pit into a homogeneous and pumpable slurry. Pumps should be built suitable for 10 feet deep pit. The Pump should be fitted with suitable wall attachment. The Pump should be provided with all the required starter as required along with gate valves for smooth operation for flushing, Loading and further pumping to grey water tank.</p> <p>Note: All kinds of civil work for making the pit alongwith 600 mm x 600 mm drains or 600 mm DWC pipe of suitable size with pressure pipe of 225 mm with 10 Kg/cm2 will be provided by us. Necessary stabilized LT power supply as per load will be provided at one place near manure pit with suitable circuit breaker installed with cabinet after which the supplier shall take all the wiring and safety switches up to the equipment as per standards for suitable operation of slurry pump.</p> <p>2. Grey water Submersible Pump (Qty – 1 No)</p> <p>The Submersible pump must pump liquid manure in all kinds of applications with capacity of around 95 m3/hr including use in a Feeding to Separator, transferring to a main store, recirculation and loading slurry tankers. The pump should have 5.5 KW motor with sufficient head pressure up to 7 meters and capacity for long distance transportation with submersible installation and double chopping system with 2 blades of chrome steel and shear cutting plate of special high cast iron with working efficiency. The Pump should have double thermal probes in the stator, preventing overheating and preserving operational life span of the motor.</p> <p>Note: All kinds of civil work for making the pit alongwith 600 mm x 600 mm drains or 600 mm DWC pipe of suitable size with pressure pipe of 225 mm with 10 Kg/cm2 will be provided by us. Necessary stabilized LT power supply as per load will be provided at one place near manure pit with suitable circuit breaker installed with cabinet after which the supplier shall take all the wiring and safety switches up to the equipment as per standards for suitable operation of submersible pump.</p> <p>3. Grey water Submersible Pump with Agitator (Qty – 1 No each)</p> <p>The Submersible pump must pump liquid manure in all kinds of applications with capacity of around 100 m3/hr including use in a Feeding to Separator, transferring to a main store, recirculation and loading slurry tankers. The pump should have 5.5 KW motor with sufficient head pressure up to 7 meters and capacity for long distance transportation with</p>	Yes	

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	<p>submersible installation and double chopping system with 2 blades of chrome steel and shear cutting plate of special high cast iron with working efficiency. The Pump should have double thermal probes in the stator, preventing overheating and preserving operational life span of the motor.</p> <p>The Submersible Agitator should be designed for Agitating liquid manure in any size of manure Pit. The Agitator should have 5.5 Kw with high agitation capacity of 2300 m3/hr for suitable manure pits with submersible installation with rails and lifting system. The Agitator should be equipped with Planetary Gearbox with blades in stainless Steel with self-cleaning profile with RPM of 320-940 along with 50 Hz.</p> <p>Note: All kinds of civil work for making the pit alongwith 600 mm x 600 mm drains or 600 mm DWC pipe of suitable size with pressure pipe of 225 mm with 10 Kg/cm² will be provided by us. Necessary stabilized LT power supply as per load will be provided at one place near manure pit with suitable circuit breaker installed with cabinet after which the supplier shall take all the wiring and safety switches up to the equipment as per standards for suitable operation of submersible pump with agitator.</p> <p>4. The manure separator (Qty – 1 No)</p> <p>Solid Liquid Manure Separator should be able to separate the solids from the manure collected from the cow sheds with high capacity with average of 15-30 m3/hr with Motor capacity of 4 KW and 33 rpm resulting solids up to 30 % and consistence quality with screw type treatment with SS innovative coating treatment with a mixture of tungsten carbide and metallic matrix that ensures very high hardness and low brittleness. There should be top Screen inspection window for quick and easy checking that the screen is clean. The separator should have screen of 0.5-0.75 mm made from AISI 316 Stainless steel with strength and chemical composition of materials specifically designed for each application. Sealing system, System of three lip seals with grease for a secure seal between the screw press separator and the gearbox. Side supported screw front: A front bearing structure should provide a perfect guide for the screw, reducing wear on the screen.</p> <p>Note: All kinds of civil and fabrication work of platform will be provided by us. Necessary stabilized LT power supply as per load will be provided at single pint on the manure separator platform with suitable circuit breaker installed with cabinet after which the supplier shall take all the wiring and safety switches up to the equipment as per standards for suitable operation of manure separator.</p> <p>5. Slurry Tank (Qty – 1 No)</p> <p>The slurry Tank should be able to handling of slurry of 5KL in one time. Slurry tank should be having tractor attachment with following specifications:</p> <p>Technical Specification for Slurry Tank: Design - Cylindrical type with rear side stone trap, Capacity - 5KL, Vacuum pump capacity - 9KL, Suction hose - approx. 9000x150 mm (LxD) having quick coupled hook,</p>		

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	<p>Breaking System - Hydraulic, Valves - Rear Hydraulic, Having min 3 flange outlet on sides & rear side with galvanized finish quick attach hose fitting Axle - Single axle with pneumatic tyres, Pump capacity - 14 to 18 mm solid particle</p> <p>Wheel Size - 15-22.5 /(385/65-22.5) 20 PR</p> <p>Training: For the successful running of the equipment should be provided by the supplying firm. Original catalogue and specification sheet should be submitted to the buyer.</p> <p>After Sales service: The supplying firm should have well established service, repair & maintenance network in Uttar Pradesh with service engineers and service back up. The points of presence with contact details are required to be submitted along with the technical bids. The Standard equipment along with accessories should be guaranteed for period of 1 year. Supplier should be able to provide comprehensive after sales services at an additional cost, during and after the guarantee/ warrantee period of the equipment.</p> <p>Conditions of eligibility: The supplying firm should have supplied, installed & commissioned similar nature of minimum 10 projects; wherein Manure Handling solutions are working satisfactorily, and the company should provide the list of the farms/customers along with installation certificates.</p> <p>Demonstration: Each bidding firm should be able to demonstrate similar type of equipment in full at any farm or facility as part of technical bid for these items if required.</p>		