

	INVITATION OF PRICE BID	
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Ref No: NDS/ALM/JHARKHAND/CONTAINER/204-25/JULY/01 Date: 12 July 2024

SUB: REQUEST FOR INVITATION OF QUOTATIONS FOR THE SUPPLY OF VARIOUS LN CONTAINER AT JHARKHAND PROJECT

1. You are invited to submit your most competitive quotation for the following items:-

	LN2 Container (35 Ltrs.)	Semen Storage Container (47 Ltrs.)	Month wise supply	Specification
Detailed description of supply	100	00	Aug-24	LN2 Container (35 Ltrs.) annexure A
	50	00	Sep-24	
	80	10	Oct-24	
	80	00	Nov-24	
	80	00	Dec-24	Semen Storage Container (47 Ltrs.) Annexure B
	80	00	Jan-25	
	70	00	Feb-25	
Total	540	10		

Event Start Date	12 July 2024
Event end date & Time	01 August, 2:00 pm
Technical Bid Opening Date & Time	01 August, 2:30 pm
Price Bid opening Date & time	After completely evaluation of technical bid of all bidders
Mode of submission of bids	Only hard copies (Price Bid & Technical bid in different envelopes)
Address for submission of Quotation	Purchase Department NDDB Dairy Services Near Kamal Cinema, Jhandu Singh Marg Safdarjung Enclave, New Delhi 110029 Mob 8853491248

About the project and budget: National Dairy Development Board through its subsidiary NDDB Dairy Services (NDS) is implementing the project in Jharkhand The Administrative approvals for implementation of Productivity Enhancement Project in this state are received



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under Rashtriya Gokul Mission Rate contract and payment to the recommended bidder will be done by Alaamdhi Semen station

1. **BID PRICE**

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
- b) The price bid shall be submitted in the format enclosed at Price bid
- c) The rates quoted by the bidder shall be fixed and shall not be subject to adjustment on any account.
- d) The prices shall be quoted in Indian Rupees only.

2. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.

3. **Validity of Quotation**

Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.

4. **Evaluation of Quotation**

Bidder have to submit two (02) envelope one is **price bid** & and other will be **technical bid, must consists the Performance certificate from previous vendors not more than 1 year old** on specified date Technical bid will be open & evaluated then price bid will be open only of those who would have qualified in technical bids

The Purchase Committee of NDDB DAIRY SERVICES, NEW DELHI will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed; and
- (b) Conform to the terms and conditions, and specifications.

GST, Packing, Forwarding, Freight & Insurance charges in connection with sale of goods shall be taken into account in evaluation.

Evaluation of bids will be carried out one-line item basis as per location

Decision taken by NDDB DAIRY SERVICES would be final and bidders have to abide by that.

5. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive.

6. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7. The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.

8. **TERMS OF PAYMENT:** Payment would be done within 30 days after successfully installation of equipment.

9. **Warranty:** 2 Years



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- 10. Warranty bank guarantee** will be applicable in this procurement of value of 10% of Purchase order value .Validity period of Bank Guarantee should be 2 year from the date of delivery and will release to within 60 days of after warranty period over.
- 11. Inspections and Tests:** Stage-wise inspection and pre dispatch inspection (to check compliance to technical specifications defined in RFQ) may be carried out by the Purchaser or an agency appointed and paid by Purchaser for this purpose.
- 12. Delays in the Supplier's Performance:** Delivery of the Goods shall be made by the Supplier in accordance with the time schedule prescribed by the Purchaser in the Purchase Orders. If at any time during performance of the Purchase Order, the Supplier should encounter conditions impeding timely delivery of the Goods the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, it's likely duration, and its cause(s). As soon as practicable after receipt of the Supplier 's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier 's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Purchase Order.
- 13. Liquidated Damages for Delay:** Subject to Clause 12, if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Purchase Order, the Purchaser shall deduct from the Purchase Order Price, as liquidated damages, a sum equivalent to 0.5% of price of the delayed Goods for each week or part thereof of delay until actual delivery up to a maximum deduction of the 10% of the Purchase Order price. Once the maximum is reached, the Purchaser may consider termination of the Agreement or the Purchase Order.
- 14. Taxes and Duties:** The Supplier shall be entirely responsible for all taxes, duties, etc. incurred until delivery of the contracted Goods to the Purchaser. However, the local taxes such as Octroi/entry tax etc. at the time of supply, if any, will be paid by the supplier & the same shall be reimbursed by the Semen Station against the submission of original documents as evidence of payment.
- 15. Mandatory documents:**
Performance certificates from previous customers along with submit their documents as per annexure I.
- 16.** We look forward to receiving your quotations and thank you for your interest in this project.
Thanking you!

NDDB Dairy Services shall not be responsible for the quotation received later than the time and date mentioned in the above schedule due to postal or any other type of delay at any stage.

Thanking you,

Yours faithfully,
For NDDB Dairy Services

Sr. Analyst (Purchase)



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ANNEXURE A

LIQUID NITROGEN-FROZEN SEMEN STORAGE CONTAINER - CAPACITY: 35 LITRES

1. FUNCTIONAL REQUIREMENTS

1.1. The container filled with liquid nitrogen would be used to preserve frozen semen doses in canisters/goblets at NTP for field use.

2. DESIGN REQUIREMENTS

2.1. The design parameters for a Liquid Nitrogen container shall be as under :

Net capacity	33.4litres +/- 5%
Neck diameter	50mm+/- 1mm
Straw holding capacity	Single level Double level 0.25 ml -1560 nos. 3120 nos. 0.50 ml- 720 nos. 1440 nos.
No. of canister/goblets	6
Max. allowable static evaporation rate	0.118 Litres/ day
Minimum required static holding time	282 days
Field working duration @ 1.6 safety factor	176 days
Material of construction: Container body Cap	Alu. Alloy Grade IS 737- 1974 (52000). Polycarbonate
Insulation	Multi-layer Super Insulation (MLSI)
Canister outside diameter	38mm
Container OD	450mm +/- 20mm
Container height	670mm +/- 25mm

It should be high vacuum multi-layer super insulated. The supplier should indicate the degree of vacuum (absolute pressure) in 'Torr'- warm sealing vacuum of 5×10^{-3} torr or better and the material of insulation- imported paper and Al foil is required.

2.2 The cap of the container must be suitable for convenient use; outer lid made of SS 304/Polycarbonate and inner neck plug with insulating material like fishery foam suitable to withstand a temperature range of -200 to + 50 deg C. The inner plug should be grooved to match with canisters. The cap should have provision for locking during transit.

2.3 The container should be provided with a set of 6 canisters made of stainless steel AISI 304 tube/cup, with easy displacement facility for removal of frozen semen straws.

2.4 The canister should be sturdy to withstand regular use. The joint with fiberglass and SS rod must be glued to withstand regular removal and insertion of canister should be suitable to withstand a temperature range of -200 to + 50 Deg C. The canister should have minimum height of 120 mm and provided with a hole of 2 mm approx dia. at 20 mm approx from bottom of the canister. Each canister should accommodate one goblet of 35 mm dia. in one level. Facility must be available for double level canister fitting also as an alternative.



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2.5 The canister should fit into slots of the indexing ring of the container neck and to be held firmly in place by container cap. The canister should have smooth surface and all the weld joints should be smooth without causing any damage to container or persons handling.

2.6 The inner and outer comers of the container should be well radiused.

2.7 Lifting handle/handles should be provided for easy handling of the container.

2.8 The container shall be protected from external shock by gluing suitable rubber padding of trapezoidal/ rectangular cross section (one bottom and two side ring)

3. INSPECTION:

3.1 Purchaser reserves the right to inspect the Liquid Nitrogen Containers during manufacturing stages and witness the performance test.

4. GENERAL

4.1 The container should be warranted for two years from the date of dispatch against defects in design workmanship or substandard material.

4.2 Each container should be provided with a test certificate and warrantee card.

4.3 Containers should be packed separately with proper packing material to avoid damage during transit.

4.4 Container to be certified to BIS standard IS:11552

5.0 Manufacturer to conduct in-house QA stages and Inspection Test reports for each batch to consist of the following:

Raw material (Aluminium) physical and chemical test report copy

- Incoming MLSI check
- Dimensional check report
- Welding soundness – MSLD
- Warm vacuum-sealing
- Painting
- Final assembly

Warranty: Normal commercial warranty of 24 months applicable on supplied goods.



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Annexure B

LIQUID NITROGEN CONTAINER FOR BULK STORAGE AND TRANSPORT OF FROZEN SEMEN CAPACITY: 47 LITRES

1. FUNCTIONAL REQUIREMENTS.

1.1. The container filled with liquid nitrogen would be used .to preserve frozen semen doses in canisters/goblets at NTP for field use.

2. DESIGN REQUIREMENTS

2.1 The design parameters for a Liquid Nitrogen container shall be as under:

Net capacity	47.4litres +/-5%
Neck diameter	120mm +/- 2mm
Straw holding capacity	Double level 0.25 ml- 24000 nos.
No. of canister/goblets	11
Max. allowable static evaporation rate	0.38 Litres/ day
Minimum required static holding time	124 days
Field working duration @ 1.6 safety	78 days
Material of construction: Container body	Alu. Alloy Grade IS 737- 1974 (52000). Polycarbonate I SS304
Insulation	Multi-layer Super Insulation (MLSI)
Canister outside diameter height	72mm/280 mm
Container OD	450mm +/-15mm
Container height	700mm +/- 25mm

2.2 It should be high vacuum multi-layer super insulated.The supplier should indicate the degree of vacuum (absolute pressure) in 'Torr' -warm sealing vacuum of 5×10^{-3} torr or better and the material of insulation- imported paper and AI foil is required.

2.3 The cap of the container must be suitable for convenient use; outer lid made of SS 304/Polycarbonate and inner neck plug with insulating material like fishery foam suitable to withstand a temperature range of -200 to + 50 deg C. The inner plug should be grooved to match with canisters. The cap should have provision for locking during transit.

2.4 The container should be provided with a set of 11 canisters made of stainless steel AISI 304 tube/cup, with easy displacement facility for removal of frozen semen straws.

2.5 The canister should be sturdy to withstand-regular use. The joints with fiberglass tube and SS rod must be glued to withstand regular removal & insertion of canister should be suitable to withstand a temperature range of -200 to + 50 deg C



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The canister should have minimum height of 280 mm (double level) and provided with a hole of 2 mm approx dia at 20 mm approx from bottom of the canister. Each canister should accommodate one goblet of 65 mm dia. in one level. Provision for second layer of goblet also must be available.

2.6 The canister should fit into slots of the indexing ring of the container neck and to be held firmly in place by container cap. The canister should have smooth surface and all the weld joints should be smooth without causing any damage to container or persons handling.

2.7 The inner and outer comers of the container should be well radiused.

2.8 Lifting handle/handles should be provided for easy handling of the container.

2.9 The container shall be protected from external shock by gluing suitable rubber padding of trapezoidal/ rectangular cross section(one bottom and two side ring)

3 INSPECTION:

3.1 Purchaser reserves the right to inspect the Liquid Nitrogen Containers during manufacturing stages and witness the performance test.

4 GENERAL

4.1 The container should be warranted for two years from the date of dispatch against defects in design workmanship or substandard material.

4.2 Each container should be provided with a test certificate and warrantee card.

4.3 Containers should be packed separately with proper packing material to avoid damage during transit.

4.4 Container to be certified to BIS standard IS:11552

5.0 Manufacturer to conduct in-house QA stages and Inspection Test reports for each batch to consist of the following:

- Raw material (Aluminium) physical and chemical test report copy
- Incoming MLSI check
- Dimensional check report
- Welding soundness - MSLD -
- Warm vacuum-sealing
- Painting
- Final assembly

Warranty: Normal commercial warranty of 24 months applicable on supplied goods.



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PRICE SCHEDULE

Bid reference: NDS/ALM/JHARKHAND/ CONTAINER /204-25/JULY/01

S N	Item Description	UO M	Qty (A)	FOR Unit Price (B)	FOR Unit Price Taxes (C)	FOR Total amount D= A x (B+C)	Make	Model
1	LN2 Container (35 Ltrs.)	Nos .	540					
2	Semen Storage Container (47 Ltrs.)	Nos .	10					

Delivery Address: Ranchi 834009

Complete delivery address will be communicate at the time PO issue.

Total Value.....

Company Seal.....



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Annexure I

External Vendor Verification Form			
GENERAL INFORMATION OF EXTERNALVENDOR			
External Vendor Name			
Registered Address			
GST Number			
Mob Number			
Contact Person name			
Email - Address			
Material/Service supply description	Estimated Annual Qty	Estimated Value in Rs	
Attached separate product if required			
ADDITIONAL INFORMATION			
Nature of Business (Public Ltd, Pvt Ltd, etc.)			
Number of years in business			
Number of Employees			
factory Licence Number			
C.S.T / L.S.T No			
Aadhar No			
PAN / Tan No			
GST No			
MSME No			
Banker			
Bank Account Details		Name- Acc No.- IFSC- Branch-	
Checklist - Please Tick Are you related in any manner to any external customer associated with NDDB Dairy Services - YES / NO Are all the Licences related your firm are upto date / renewed - YES / NO			
Other Business Details	Status	Nature of Business	
_____ Company Seal & Signature			