

Uttarakhand Livestock Development Board

Pashudhan Bhawan, Ist Floor, Mothrowala Road, P.O. Mothrowala, Dehradun-248001,

Telefax: 0135-2532619

Email: ceo_uldb@rediffmail.com Website: www.uldb.org

GSTIN: 05AABFU8674M1ZK

E-PROCUREMENT NOTICE

INVITATION FOR BID IN TWO BID SYSTEM (TECHNICAL BID AND FINANCIAL BID) FOR PROCUREMENT OF LIQUID NITROGEN CONTAINER, RATE CONTRACT FOR ROUND THE YEAR SUPPLY OF LIQUID NITROGEN, UNIVERSAL A.I. SHEATH, DISPOSABLE PVC SLEEVES, EMPTY STERILIZED FRENCH MINI DEEP FROZEN SEMEN STRAWS, EAR TAG, EAR TAG APPLICATOR AND ANIMAL HEALTH CARD

Bid Reference No.	••	4039/ULDB/PROC./Vol.XV/2018-19 Dated: 05 th February 2019					
		Schedule No. One: ₹590.00 Schedule No. Seven: ₹590.00 Schedule No. Two: ₹1180.00 Schedule No. Eight: ₹590.00					
Duice of hidding decomposit (non		Schedule No. Three: ₹590.00 Schedule No. Nine: ₹1180.00					
Price of bidding document (non refundable) inclusive of VAT	:	Schedule No. Four: ₹590.00 Schedule No. Ten: ₹1180.00					
retundable) inclusive of VAT		Schedule No. Five: ₹590.00 Schedule No. Eleven: ₹1180.00					
		Schedule No. Six: ₹1180.00					
Date of Release of Invitation for Bids in https://uktenders.gov.in	:	06.02.2019					
Availability of Bid Document and Mode of Submission	••	The bid document is available online on https://uktenders.gov.in. The bidder would be required to register in the web site which is free of cost. The bidders are required to have Digital Signature Certificate (DSC) for online submission of bids. The DSC will be obtained from any one of the authorized certifying authorities. Details of subsequent addendum/corrigendum/ cancellation etc. may be obtained from https://uktenders.gov.in The bidder are required to submit (a) Original Demand Draft towards the cost of bid document (b) Original Bid Security (c) Original Declaration regarding correctness of information furnished with bid documents & validity of bid till the prescribed validity period duly signed in ₹100.00 Non judicial Stamp Paper and (d) Sample for Schedule No. Seven, Eight, Nine, Ten and Eleven to the office of Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun- 248001, Uttarakhand, India on or before dated 26.02.2019 till 11.00 AM either by registered post or by hand.					
Last date and time for Receipt of Bids in https://uktenders.gov.in	••	26.02.2019 up to 11.00 AM					
Time and date of Opening of Technical Bids	:	26.02.2019 at 11.30 AM					
Time and date of Opening of Financial Bids of Technically	:	Will be intimated through https://uktenders.gov.in					
qualified bidders		The se managed an ough neeps. / uncondensigoran					
Place of Opening of Bids	:	Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun- 248001, Uttarakhand, India					
Address of Communication	:	Same as above					

The cost of bid document to be submitted in the form of Demand Draft or Bankers Cheque of any nationalized/ Scheduled Bank. The Demand Draft or Bankers Cheque will be made in favor of "Uttarakhand Livestock Development Board" payable at "Dehradun, Uttarakhand".

Chief Executive Officer, Uttarakhand Livestock Development Board



Uttarakhand Livestock Development Board

Pashudhan Bhawan, Ist Floor,

P.O. Mothrowala, Dehradun-248001, Uttarakhand, India

[TIN: 05001011250] Telefax: 0135-2532619

Email: ceo_uldb@rediffmail.com Website: www.uldb.org

SECTION 1: INVITATION FOR BID

- 1. The Uttarakhand Livestock Development Board is State Implementing Agency for implementation of National Programme for Bovine Breeding (NPBB) and Rashtriya Gokul Mission (RGM) in Uttarakhand State. Uttarakhand Livestock Development Board is inviting bids in two bidding system (Technical Bid and Financial Bid) through e-procurement portal https://uktenders.gov.in from the eligible bidders for Semen Storage and Transport Type Liquid Nitrogen Containers; Rate Contract for Liquid Nitrogen; Universal A.I. Sheath; Disposable PVC Sleeves; Empty Sterilized French Mini Deep Frozen Semen Straws, Ear Tag, Ear Tag Applicator and Animal Health Cards.
- 2. The Chief Executive Officer, Uttarakhand Livestock Development Board is inviting from all eligible bidders for the supply of following goods:

Schedule No.	Brief Description of Item	Qty.		
One	3 Liter Semen Storage Type Non Pressurized LN2 Container	160 No.		
Two	35 Liter Semen Storage Type Non Pressurized LN2 Container	150 No.		
Three	47 Liter Semen Storage Type Non Pressurized LN2 Container	20 No.		
Four	55 Liter Transportation Type Non Pressurized LN2 Container	45 No.		
Five	300 Lit. Wide Mouth Semen Storage type Non-pressurized Liquid Nitrogen Container	02 No.		
Six Part A, B, C	Rate Contract for Round the Year supply of Liquid Nitrogen for Artificial Insemination Program	Approx. 7,00,000 Liter		
Seven	Universal AI Sheath	15,00,000 No.		
Eight	Disposable PVC Sleeves	15,00,000 No.		
Nine	Empty Sterilized French Mini Deep Frozen Semen Straws	35,00,000 No.		
Ten	Ear Tag and Ear Tag Applicator	9,12,000 No. and 145 No.		
Eleven	Printing of Animal Health Card (Nakul Swasthya Patra)	7,55,000 No.		

3. TECHNICAL BID: should contain scanned copy of following documents:

- i. Proof of Cost of Bid Document (Original Cost of Bid Document for the amount as specified in bid document must reach to Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun- 248001, Uttarakhand, India on or before the date & time as stipulated in bid document). Bidders are required to submit Price of bidding document in accordance to the Schedules for which the bid is quoted, failing which bid submitted will be treated as Non-responsive.
- ii. Proof of Bid Security (Original Cost of Bid Security for the amount as specified in bid document must reach to Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun- 248001, Uttarakhand, India on or before the date & time as stipulated in bid document).
- iii. Proof of Declaration (Original Declaration regarding correctness of information furnished with bid documents & validity of bid till the prescribed validity period duly signed in ₹100.00 Non judicial Stamp Paper must reach to Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun- 248001, Uttarakhand, India on or before the date & time as stipulated in bid document).
- iv. Bidder's Profile along with proof of certification having details of registration; PAN No; GSTIN No. etc.
- v. Latest Sales Tax Clearance Certificate.
- vi. Summary of Latest Audited Balance Sheet.
- vii. Documentary proof of BIS &/or ISO certification or any other relevant document
- viii. Technical Details of the items conforming to the bid along with relevant documents
- ix. Sample of offered Item wherever required.
- x. Experience of the bidder conforming to the qualification criteria as specified in Section VI A of bid document & any other relevant documents establishing bidders eligibility & qualification

4. FINANCIAL BID:

Financial Bid must be submitted online in https://uktenders.gov.in.

Financial Bid should contain: Bill of Quantity (BOQ) QUOTE IN: Bidders Name and Column No. 13, 16 and 17.

(BIDDERS ARE REQUIRED TO QUOTE UNIT RATE AT COLUMN NO. 13, 16 and 17)

BOQ WILL BE CONSIDERED ONLY IF SUBMITTED ONLINE AND IN THE FORMAT UPLOADED IN WEBSITE. BOQ SUBMITTED IN OTHER FORMATS/ HARD COPY WILL NOT BE CONSIDERED.

5. Technical Bids will be opened in the presence of Bidders representatives who choose to attend on the specified date and time.

- 6. The Financial Bids of only Technically Qualified Bidders will be opened in the stipulated date & time. The list of Technically Qualified Bidders and date of opening of financial bids of technically qualified bidders will be intimated on https://uktenders.gov.in.
- 7. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.

Chief Executive Officer
Uttarakhand Livestock Development Board

SECTION II: INSTRUCTIONS TO BIDDERS (ITB)

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INSTRUCTIONS TO BIDDERS (ITB) A. INTRODUCTION

1. Source of Funds:

1.1 The Uttarakhand Livestock Development Board (ULDB) is State Implementing Agency for implementation of National Program for Bovine Breeding (NPBB) in Uttarakhand State. The Uttarakhand Livestock Development Board is inviting bids in two parts from the eligible bidders for the procurement of items for functioning of ULDB. The total estimated cost of the bid is approximately ₹290.00 Lakh for which this Invitation for Bids is issued.

2. Eligible Bidders:

- 2.1 The Invitation for Bids is open for all eligible bidders.
- 2.2 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation for Bids.
- 2.3 Government-owned enterprises in the Purchaser's country may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency of the Purchaser.
- 2.4 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices in accordance with ITB Clause 31.

3. Eligible Goods and Services:

- 3.1 All goods and related services be supplied under the Contract shall have their origin in eligible source countries.
- 3.2 For purposes of this clause, "origin" means the place where the goods are mined, grown, or produced or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of goods and services may be distinct from the nationality of the Bidder.

4. Cost of Bidding:

4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and Chief Executive Officer, Uttarakhand Livestock Development Board, hereinafter referred to as "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process. All the Demand Draft/ FDR/ Bank Guarantee/ Pay Order/ Bankers Cheque shall be in favor of/ pledged to "Uttarakhand Livestock Development Board" payable at "Dehradun, Uttarakhand, India"

B. THE BIDDING DOCUMENTS

5. Content of Bidding Documents:

- 5.1 The goods required, bidding procedures and contract terms as prescribed in the biding documents. In addition to the Invitation of Bids, the bidding documents include:
 - (a) Instructions to Bidders (ITB);
 - (b) General Conditions of Contract (GCC);
 - (c) Special Conditions of Contract (SCC);
 - (d) Schedule of Requirements;
 - (e) Technical Specifications;
 - (f) Qualification Criteria
 - (g) Declaration;
 - (h) Bid Security Form;
 - (i) Contract Form;
 - (j) Performance Security Form;
 - (k) Performance Statement Form;
 - (1) Manufacturer's Authorization Form:
 - (m) Equipment and Quality Control;
 - (n) Checklist for Submission of Technical Bid
- 5.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid at the time of evaluation of technical bid.

6. Clarification of Bidding Documents:

6.1 A prospective Bidder requiring any clarification of the bidding document may contact in person or may make telephonic contact to the office of Chief Executive Officer, Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun at any working day before the dead line of the submission of bid document.

7. Amendment of Bidding Documents:

- 7.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.
- 7.2 Details of subsequent addendum/corrigendum/ cancellation etc. may be obtained from https://uktenders.gov.in.
- 7.3 In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids.

C. PREPARATION OF BIDS

8. Language of Bid:

8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser shall be written in English or Hindi language. Supporting documents and printed literature furnished by

the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in English or Hindi in which case, for purposes of interpretation of the Bid, the translation shall govern.

9. Documents Comprising / Constituting the Bid:

9.1 The bid prepared by the Bidder shall comprise the following components:

A] TECHNICAL BID: shall comprise scanned copy of all documents, cost of bid document, sample where ever required & bid security as specified in bid document.

B] FINANCIAL BID: shall comprise the following components:

(a) Bill of Quantity (BOQ) completed in accordance with ITB Clauses 11 and 12

10. Declaration:

Declaration regarding correctness of information furnished with bid documents & validity of bid till the prescribed validity period duly signed in ₹100.00 Non judicial Stamp Paper.

11. Bid Prices:

- 11.1 The Bidder shall indicate on the Price Schedule the unit prices of the goods it proposes to supply under the Contract.
- 11.2 Prices indicated on the Bill of Quantity (BOQ) shall be entered on FOR basis.

11.3 **Fixed Price:**

Prices quoted by the Bidder shall be fixed during the Bidder's performance of Contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.

12. Bid Currencies:

- 12.1 Prices shall be quoted in Indian Rupees only.
- 12.2 Rates quoted shall be in figures only.

13. Bid security:

13.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its technical bid, a bid security in the amount as mentioned below:

Schedule No.	Schedule No. Particulars		
One	3 Liter Semen Storage Type Non Pressurized LN2 Container	₹25000.00	
Two	35 Liter Semen Storage Type Non Pressurized LN2 Container	₹70000.00	
Three	47 Liter Semen Storage Type Non Pressurized LN2 Container	₹12000.00	
Four	55 Liter Transportation Type Non Pressurized LN2 Container	₹18000.00	
Five	300 Lit. Wide Mouth Semen Storage type Non-pressurized Liquid	₹32000.00	
rive	Nitrogen Container	X32000.00	
Six Part A, B, C	Rate Contract for Round the Year supply of Liquid Nitrogen for	₹50000.00	
Six Part A, B, C	Artificial Insemination Program	X30000.00	
Seven	Universal AI Sheath	₹32000.00	
Eight	Disposable PVC Sleeves ₹45000.		
Nine Empty Sterilized French Mini Deep Frozen Semen Straws		₹90000.00	
Ten	Ten Ear Tag and Ear Tag Applicator		
Eleven	Animal Health Card	₹55000.00	

- * Bidders are required to furnish the Bid Security in accordance to the above details failing which bid submitted will be treated as Non-responsive.
- 13.2 The bid security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the security's forfeiture, pursuant to ITB Clause 13.7.
- 13.3 The bid security shall be denominated in Indian Rupees and shall:
 - (a) at the bidder's option, be in the form of either a demand draft or a bank guarantee or FDR or Bankers Cheque from a nationalized/Scheduled bank located in India;
 - (b) be substantially in accordance with one of the form of bid security included in Section VIII or other form approved by the Purchaser prior to bid submission;
 - be payable promptly upon written demand by the purchaser in case any of the conditions listed in ITB Clause 13.8 are invoked;
 - (d) be submitted in its original form; copies will not be accepted; and
 - remain valid for a period of 90 days beyond the original validity period of bids, or beyond any period of extension subsequently requested under ITB Clause 14;
- 13.4 Any bid not secured in accordance with ITB Clauses 13.3 will be rejected by the Purchaser.
- Unsuccessful bidder's bid securities will be discharged or returned as promptly as possible but not later than 60 days after the expiration of the period of bid validity prescribed by the Purchaser, pursuant to ITB Clause 14.
- 13.6 The successful Bidder's bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 29, and furnishing the performance security, pursuant to ITB Clause 30.
- 13.7 Where the Bidder has quoted for more than one Schedule, if the bid security furnished is inadequate for all the Schedules for which bid is submitted, the Purchaser shall take the price bid into account only to the extent the bid is secured. For this purpose, the extent to which the bid is secured shall be determined by evaluating the requirement of bid security to be furnished for the Schedules included in the bid (offer) in the serial order of the Schedule of Requirements of the Bidding document.
- 13.8 The bid security may be forfeited:
 - (a) if a Bidder (i) withdraws its bids during the period of bid validity specified in the bid documents; or

- (b) in case of a successful Bidder, if the Bidder fails:
 - (i) to sign the Contract in accordance with ITB Clause 29: or
 - (ii) to furnish performance security in accordance with ITB Clause 30.

14. Period of Validity of Bids:

- 14.1 Bids shall remain valid for 90 days after the deadline for submission of bids prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser considering it as non-responsive.
- 14.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable). The bid security shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid, except as provided in ITB Clause 14.3 hereinafter.
- 14.3 In case of fixed prices contract, in the event that the Purchaser requests and the Bidder agrees to an extension of the validity period, the contract price, if the Bidder is selected for award shall be the bid price corrected as follows:

 The price shall be increased by the factor [Country's Projected Inflation for the period in question] for each week that has elapsed from the expiration of the initial bid validity to the date of notification of award to the successful bidder.
- 14.4 Bid evaluation will be based on the bid prices including all taxes, levies & all other incidentals without taking into consideration the above corrections.

15. Format for submitting Bid:

- 15.1 The Bidder shall submit scanned copy of all documents establishing Bidders qualifications for considering the bidder eligibility for performing the contract. Please note that prices should not be indicated in the technical bid. Bids submitted without following the two bid system procedure will be summarily rejected.
- 15.2 Financial bids should be submitted in the Bill of Quantity (BOQ). The lowest offered price of Technically Qualified bid will be selected for award of contract.

D. SUBMISSION OF BIDS

16. Submission of Bids:

- 16.2 All envelopes shall be addressed to the Purchaser at the following address:

Chief Executive Officer, Uttarakhand Livestock Development Board,

Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun-248001, Uttarakhand, India

- 16.3 All envelopes shall also indicate the name and address of the Bidder.
- 16.4 If the outer envelope is not sealed and marked as required as per ITB Clause 16.1; 16.2 & 16.3, the Purchaser will assume no responsibility for the misplacement.
- 16.5 Bids without Cost of Bid Document, Bid Security, Declaration and Sample will be rejected.
- 16.6 Technical Bid and Financial Bid (BOQ) must be submitted online on https://uktenders.gov.in and Technical Bid shall comprise scanned copies of all the documents as stipulated in invitation for bid document. Those bidders who could not submit all required technical documents Online and have submitted Technical Document in Physical Form on or before the date & time as stipulated in bid document will also be considered for Technical Evaluation.

17. Deadline for Submission of Bids:

- 17.1 The Cost of bid document, Bid Security, Declaration and Sample for Schedule No. Seven, Eight, Nine, Ten and Eleven must be received by the Purchaser at the address specified under ITB Clause 16.2 no later than the time and date specified in the bid document. In the event of the specified date for the submission being declared a holiday for the Purchaser, the same will be received up to the appointed time on the next working day.
- 17.2 The Purchaser may, at its discretion, extend this deadline for the submission of bids by amending the bid documents in accordance with ITB Clause 7, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

18. Late Bids:

Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser, pursuant to ITB Clause 17, will be rejected and returned unopened to the Bidder.

19. Modification and Withdrawal of Bids:

- 19.1 NA.
- 19.2 NA
- 19.3 Bid shall not be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Declaration. Withdrawal of a bid during, this interval may result in the Bidder's forfeiture of its bid security, pursuant to the ITB Clause 13.

E. BID OPENING AND EVALUATION OF BIDS

20. Opening of Bids by the Purchaser:

The Purchaser will open Technical Bids of only those bidders whose Cost of Bid Document, Bid security, Declaration and Sample (for Schedule No. Seven, Eight, Nine, Ten and Eleven) will reach to Uttarakhand Livestock Development Board

by or before the date and time as specified in bid document, in the presence of Bidder's representatives who choose to attend, at specified date & time on the following location:

Office of the Chief Executive Officer, Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun-248001, Uttarakhand, India

The Bidders representative who are present shall sign a register evidencing their attendance. In event of the specified date of Bid opening being declared a holiday for the Purchaser, the Bids shall be opened at the appointed time and location on the next working day.

Financial bids of Technically Qualified Bidders will only be opened. The decision of the committee on technical suitability shall be final and shall not be open for discussion.

- 20.2 The bidders names, bid modifications or withdrawals and the presence or absence of requisite bid security and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced at the opening.
- 20.3 The Purchaser will prepare minutes of the bid opening.

21. Clarification of Bids

During evaluation of bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered and permitted.

22. Evaluation and Comparison of Bids:

Technical Bid Evaluation: Technical Bid shall be evaluated by the Committee on the basis of documents submitted in Technical Bids and other requirements establishing bidders eligibility & qualification. The list of Technically Qualified Bidders and date of opening of financial bids of technically qualified bidders will be intimated on https://uktenders.gov.in. The decision of the committee on technical suitability of bids shall be final and shall not be open for discussion.

Apart from the above mentioned criteria Samples (in case of Schedule No. Seven, Eight, Nine, Ten and Eleven) shall be evaluated by the committee including Quality Control Officer of Deep Frozen Semen Production Center. The samples shall be considered as Qualified or Non-qualified. The Financial bid of the bidder whose sample is not considered Qualified shall not be opened. The decision of the committee on technical suitability of sample shall be final and shall not be open for discussion.

22.2 Evaluation of Financial bids: Financial Bid shall be evaluated on each Schedule/ part of Schedule basis.

- All the taxes and other levies indicated in the Financial Bid will be taken for the Financial Bid evaluation.
- Bid should be evaluated separately on Schedule/ Part of Schedule basis.
- The Bidder quoting the lowest price (L1) including all incidentals, taxes etc. will be selected for the award of contract
- However, ULDB does not bind itself in any way to select the bidder(s) offering the lowest price.
- **23. Domestic Preference:** The domestic preference should be given to the Bidders in accordance to the Uttarakhand Procurement Rules 2008 only upon submission of relevant documentary proofs.

24. Contacting the Purchaser:

- 24.1 Subject to ITB Clause 21, no Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the purchaser, it should do so in writing.
- 24.2 Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the bid.

F. AWARD OF CONTRACT

25. Award Criteria:

25.1 Subject to ITB Clause 27, the Purchaser will award the Contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

26. Purchaser's right to vary Quantities at Time of Award:

26.1 The Purchaser reserves the right to increase or decrease by up to 25 percentage of the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

27. Purchaser's Right to accept any bid and to reject any or all bids:

27.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or bidders.

28. Notification of Award:

- 28.1 Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder.
- 28.2 The notification of award will constitute the formation of the Contract.
- 28.3 Upon the successful Bidder's furnishing of performance security pursuant to ITB Clause 30, the Purchaser will discharge its bid security, pursuant to ITB Clause 13.
- 28.4 If, after notification of award, a Bidder wishes to ascertain the grounds on which its bid was not selected, it should address it's request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Bidder.

29. Signing of Contract:

- At the same time as Purchaser notifies the successful bidder that its bid has been accepted, the Purchaser will send the bidder the Contract Form, incorporating the agreement to be signed between parties.
- Within thirty (30) days of receipt of the Contract Form, the successful bidder shall sign and date the Contract on ₹100.00 Non Judicial Stamp Paper and return it to the Purchaser.

30 Performance Security:

Within thirty (30) days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents or in another form acceptable to the Purchaser.

30.2 Failure of the successful bidder to comply with requirement of ITB Clause 29.2 or ITB Clause 30.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next lowest evaluated bidder or call for new bids.

31 Corrupt or Fraudulent Practices

- 31.1 The board requires that Bidders/ Suppliers/ Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Board:
 - (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution; and
 - (ii) "fraudulent practices" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition
 - (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - (c) will declare a firm ineligible, either indefinitely or for a stated period of time,

$\frac{\textbf{SECTION III: GENERAL CONDITIONS OF CONTRACT (GCC)}}{\textbf{TABLE OF CLAUSES}}$

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GENERAL CONDITIONS OF CONTRACT (GCC)

1. Definitions:

- 1.1 In this Contract, the following terms shall be interpreted as indicated:
 - (a) "The Contract" means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;
 - (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;
 - © "The Goods" means all the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract;
 - (d) "The Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the Supplier in case of equipment, machinery covered under the Contract;
 - (e) "GCC" means the General Conditions of Contract contained in this section.
 - (f) "SCC" means the Special Conditions of Contract.
 - (g) "The Purchaser" means the organization purchasing the Goods, as named in SCC.
 - (h) "The Supplier" means the individual or firm supplying the Goods and Services under this Contract
 - (i) "Board" means Uttarakhand Livestock Development Board, Dehradun.
 - (j) "The Project Site", where applicable, means the place or places mentioned in bid document.
 - (k) "Day" means calendar days.
 - (l) "NA" means Not applicable

2. Application:

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3. Country of Origin:

- 3.1 All Goods and Services supplied under the Contract shall have their origin in the member countries and territories eligible under the rules of GoI.
- 3.2 For purposes of this Clause "origin" means the place where the Goods are mined, grown and produced, or from which the Services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembling of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of Goods and Services may be distinct from the nationality of the Supplier.

4. Standards:

4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specification, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods country of origin and such standards shall be the latest issued by the concerned institution.

5. Use of Contract Documents and Information; Inspection and Audit by the Board:

- 5.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.
- 5.3 Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.
- 5.4 The supplier shall permit the Board to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Board, if so required by the Board.

6. Patent Rights:

6.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in the Purchaser's country.

7. Performance Security:

- 7.1 Within thirty (30) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Purchaser the performance security in the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 7.3 The Performance Security shall be denominated in Indian Rupees and shall be in one of the following forms:
 - (a) A bank guarantee or FDR issued by a nationalized/scheduled bank located in India or a bank located abroad acceptable to the Purchaser, in the form provided in the bidding documents or another form acceptable to the Purchaser; or
 - (b) A demand draft.
- 7.4 The performance security will be discharged by the Purchaser and returned to the Supplier on written request of the supplier after completion of the Supplier's performance obligations, under the Contract, including any warranty obligations.
- 8. Inspection and Tests: NA

9. Packing:

- 9.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, tough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser.

10. Delivery and Documents:

Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the schedule of Requirements. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.

11. Insurance:

11.1 The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in SCC.

12. Transportation:

12.1 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within India defined as Project site, transport to such place of destination in India including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier and the related cost shall be included in the Contract Price.

13. Incidental Services:

NA

14. Spare Parts

NA

15. Warranty:

- 15.1 The Supplier warrants that the Goods supplied under this Contract are as per the prevailing Guidelines of Government of India
- 15.2 This warranty shall remain valid for 24 months after the Goods or any portion thereof as the case may be, have been delivered & accepted at the final destination indicated in the Contract.
- 15.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.
- Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, replace the Goods, without cost to the Purchaser other than, where applicable & agreed by the Purchaser. The cost of inland delivery of the replaced Goods from ex-works or ex-factory or ex-showroom to the final destination shall be borne by the Supplier.

16. Payment:

- 16.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in the SCC.
- The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the contract.
- 16.3 Payments shall be made with in sixty (60) days after submission of the invoice or claim by the Supplier & verification by the user regarding satisfactory supply.
- 16.4 Payment will be made in Indian Rupees.

17. Prices:

17.1 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in SCC or in the Purchaser's request for bid validity extension, as the case may be.

18. Change Orders:

- 18.1 The Purchaser may at any time, by written notice given to the Supplier, make changes within the general scope of the Contract in any one or more of the following;
 - (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
 - (b) the method of shipping or packing;
 - © the place of delivery; and/or
 - (d) the Services to be provided by the Supplier;
- 18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of Supplier's receipt of the Purchaser's change order.

19. Contract Amendments:

19.1 Subject to GCC Clause 18, no variations in or modifications of the terms of the Contract shall be made except by written amendment signed by the parties.

20. Assignment:

20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

21. Subcontracts:

- 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in his original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract
- 21.2 Subcontracts must comply with the provisions of GCC Clause 3.

22. Delays in the Supplier's Performance:

- 22.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified in the Schedule of Requirements
- 22.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impending timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its 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 written notices & contract amendment.
- 22.3 Except as provided under GCC Clause 25, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of liquidated damages.

23. Liquidated Damages:

Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the Percentage specified in SCC. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 24.

24. Termination for Default:

- 24.1 The Purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the Contract in whole or part.
 - (a) if the supplier fails to deliver any or all of the Goods within the period (s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 22; or
 - (b) if the supplier fails to perform any other obligation(s) under the Contract.
 - © if the supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this Clause:

"corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.

"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Board, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Board of the benefits of free and open competition.

24.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

25. Force Majeure:

- 25.1 Notwithstanding the provisions of GCC Clauses 22, 23, 24, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 25.2 For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolution, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 25.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

26. Termination for Insolvency:

26.1 The purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

27. Termination for Convenience:

27.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

- 27.2 The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
 - (a) to have any portion completed and delivered at the Contract terms and prices; and/or
 - (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

28. Settlement/ Resolution of Disputes:

- 28.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract.
- 28.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as per Indian Laws, as to the matter of dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.
 - 28.2.1 Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with the Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.
 - 28.2.2 Arbitration proceedings shall be conducted in accordance with the Indian Laws
 - 28.2.3 Only local court (Dehradun) shall have jurisdiction of dispute
- 28.3 Notwithstanding any reference to arbitration herein;
 - (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
 - (b) the Purchaser shall pay the Supplier any money due the Supplier.

29. Limitation of Liability:

- 29.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement
 - (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and
 - (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

30. Governing Language:

30.1 The contract shall be written in English language. Subject to GCC Clause 30, English / Hindi language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

31. Applicable Law:

31.1 The Contract shall be interpreted in accordance with the laws of the Union of India.

32. Notices:

- Any notice given by the one party to the other pursuant to this Contract shall be sent to other party in writing or by cable, telex or facsimile and confirmed in writing to the other Party's address specified in SCC.
- 32.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

33. Taxes and Duties:

33.1 The Suppliers shall be entirely responsible for all taxes, duties, octroi & other requirements etc., incurred until delivery of the contracted Goods to the Purchaser.

SECTION IV: SPECIAL CONDITIONS OF CONTRACT (SCC)

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SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the General Conditions is indicated in parentheses.

1. **Definitions (GCC Clause 1):**

- (a) The Purchaser is Chief Executive Officer, ULDB, Dehradun
- (b) The Supplier is

2. Country of Origin (GCC Clause 3):

All countries and territories eligible & approved by Government of India.

3. Performance Security (GCC Clause 7):

3.1 Within 30 days after the Supplier's receipt for Notification of Award, the Supplier shall furnish Performance Security to the Purchaser for an amount as detailed below, valid up to 60 days after the date of completion of performance obligations including warranty obligations:

Schedule No./ Part No.	Schedule No.	Performance Security
One	3 Liter Semen Storage Type Non Pressurized LN2 Container	6% of Net Quoted Price
Two	35 Liter Semen Storage Type Non Pressurized LN2 Container	5% of Net Quoted Price
Three	47 Liter Semen Storage Type Non Pressurized LN2 Container	6% of Net Quoted Price
Four	55 Liter Transportation Type Non Pressurized LN2 Container	6% of Net Quoted Price
Five	300 Lit. Wide Mouth Semen Storage type Non-pressurized Liquid Nitrogen Container	6% of Net Quoted Price
Six Part A, B, C	Rate Contract for Round the Year supply of Liquid Nitrogen for Artificial Insemination Program	₹100000.00
Seven	Universal AI Sheath	6% of Net Quoted Price
Eight	Disposable PVC Sleeves	6% of Net Quoted Price
Nine	Empty Sterilized French Mini Deep Frozen Semen Straws	5% of Net Quoted Price
Ten	Ear Tag and Ear Tag Applicator	5% of Net Quoted Price
Eleven	Animal Health Card	5% of Net Quoted Price

In the event of any corrected of defects or replacement of defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of 24 month

3.2 Substitute Clause 7.3(b) of the GCC by the following:

A crossed demand draft or pay order drawn in favour of ULDB, payable at Dehradun.

3.3 Substitute Clause 7.4 of the GCC by the following:

The Performance Security will be discharged by the Purchaser and returned to the Supplier on written notice of the Supplier 60 days following the date of completion of the Supplier's performance obligations, including the warranty obligation, under the contract.

3.4 Add as Clause 7.5 to the GCC the following:

In the event of any contract amendment, the Supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract, as amended for 60 days after the completion of performance obligations including warranty obligations.

4. Inspection and Tests (GCC Clause 8):

NA

5. **Packing (GCC Clause 9):**

Add as Clause 9.3 of the GCC the following:

<u>Packing Instructions</u>: The Supplier will be required to make separate packages for each Consignee. Each package will be marked on three sides with proper paint/indelible ink, the following:

i) Project ii) Contract No. iii) Country of Origin of Goods iv) Supplier's Name, and v) Packing list reference number.

6. Delivery and Documents (GCC Clause 10):

(a) For Goods supplied from abroad:

Upon delivery of the Goods, the supplier shall notify the purchaser and the insurance company by cable/telex/fax the full details of the shipment including contract number, railway/ airway receipt number and date, description of goods, quantity, name of the consignee etc. The supplier shall mail the following documents to the purchaser with a copy to the insurance company:

- (i) 4 Copies of the Supplier invoice showing contract number, goods' description, quantity, unit price, total amount;
- (ii) Railway/ Airway receipt/acknowledgment of receipt of goods from the consignee(s);
- (iii) 4 Copies of packing list identifying the contents of each package;
- (iv) Insurance Certificate;
- (v) Manufacturer's/Supplier's warranty certificate; Certificate narrating that Semen and embryos supplied are as per the Guideline laid down by Government of India and the embryos are meeting the IETS Manual (4th Edition) standard
- (vi) Certificate of Origin;

The above document shall be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.

7. Insurance (GCC Clause 11):

The insurance shall be in an amount equal to 110 percent of the CIF or CIP value of the Goods from "Warehouse to warehouse (final destination)" on "All Risks" basic including War Risks and Strikes.

8. Incidental Services (GCC Clause 13):

No additional services other then covered under Clause 13 of GCC.

9. **Spare Parts (GCC Clause 14):**

Add as Clause 14 to the GCC the following: NA

10. Warranty (GCC Clause 15):

(i) G.C.C. Clause 15.2

The warranty period shall be 24 months from date of acceptance of goods. The Supplier shall, in addition, comply with the performance &/or consumption guarantees specified under the contract. If for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall at its discretion either;

- (a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 4;
- (b) Substitute Clause 15.4 of the GCC by the following:

"Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, free of cost at the ultimate destination. The Supplier shall take over the replaced parts /goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter.

In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/ replaced material shall be extended to a further period of 24 months."

(ii) GCC Clauses 15.4 and 15.5:

The period for correction of defects in the warranty period is 15 days.

11. Payment (GCC Clause 16):

The price of the goods purchased will be paid in the Currency in which the price has been stated in the successful bid.

(i) Advance Payment: NA

12. **Prices (GCC Clause 17):**

Prices payable to the supplier as stated in the contract shall be firm during the performance of the contract.

13. Sub-contracts (GCC Clause 21):

Add at the end of GCC sub-clause 21.1 the following:

Sub-contract shall be only for bought-out item and sub-assemblies

14. Liquidated Damages (GCC Clause 23):

14.1 For delays:

GCC Clause 23.1 -- The applicable rate is 0.5% per week and the maximum deduction is 10% of the contract price after that the contract shall be treated as cancelled & the performance security deposited by the supplier will be forfeited.

15. Notices (Clause 32):

For the purpose of all notices, the following shall be the address of the Purchaser and Supplier.

Purchaser: Chief Executive Officer, Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun-248011, Uttarakhand, India

Supplier: (To be filled in at the time of Contract signature)

16. Supplier shall regularly intimate progress of supply, in writing, to the purchaser as under:

- Quantity dispatched /delivered to consignees and date;
- Date of completion of entire Contract including incidental services, if any; and
- Date of receipt of entire payments under the Contract

SECTION V: SCHEDULE OF REQUIREMENTS

Note:

- 1. The date of delivery means the dates when goods are delivered to the consignee
- The supplier shall be responsible for safe delivery of the goods up to consignee's store.
- 2. 3. The delivery schedule will start from the date of placement of order.

Schedule No.	Brief Description of Item	Qty.	Delivery schedule
One	3 Liter Semen Storage Type Non Pressurized LN2 Container	160 No.	Within One month from the date of Order
Two	35 Liter Semen Storage Type Non Pressurized LN2 Container	150 No.	Within One month from the date of Order
Three	47 Liter Semen Storage Type Non Pressurized LN2 Container	20 No.	Within One month from the date of Order
Four	55 Liter Transportation Type Non Pressurized LN2 Container	45 No.	Within One month from the date of Order
Five	300 Lit. Wide Mouth Semen Storage type Non-pressurized Liquid Nitrogen Container	02 No.	Within One month from the date of Order
Six Part A, B, C	Rate Contract for Round the Year supply of Liquid Nitrogen for Artificial Insemination Program	Approx. 7,00,000 Liter	Within 24 hrs. of placement of Demand
Seven	Universal AI Sheath	15,00,000 No.	Within One month from the date of Order
Eight	Disposable PVC Sleeves	15,00,000 No.	Within One month from the date of Order
Nine	Empty Sterilized French Mini Deep Frozen Semen Straws	35,00,000 No.	Within One month from the date of Order
Ten	Ear Tag and Ear Tag Applicator	9,12,000 No. and 145 No.	Within One month from the date of Order
Eleven	Printing of Animal Health Card	7,55,000 No.	Within One month from the date of Order

Address of Consignee:

- Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh, District-Dehradun 1.
- Deputy Manager (Inputs), ULDB Semen Bank, Campus of Govt. Veterinary Hospital, Lalkuan, Nainital.

SECTION VI: TECHNICAL SPECIFICATIONS

Notes for Preparing the Technical Specifications

In the specifications of standards for equipment, materials, and workmanship, recognized national & international standards are used. The specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable.

Sample Clause: Equivalency of Standards and Codes

Where reference is made in the Technical Specification to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest current edition or revision of the relevant standards or codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number is avoided as far as possible; where unavoidable they should be followed by the words " or at least equivalent".

Where appropriate, drawings including site plans as required may be furnished by the Purchaser with the bidding documents. Similarly the Supplier may be requested to provide drawings with its bid for prior review by the Purchaser during contract execution.

SCHEDULE: ONE, TWO, THREE AND FOUR:

TECHNICAL SPECIFICATION OF NON PRESSURIZED LIQUID NITROGEN CONTAINERS:

[N.B. Equipment under this schedule should conform to BIS Certification Standards, a proof of which shall have to be submitted along with the Technical Bid]

Technical Literature, brochures and all other relevant information supporting the bid must accompany the Technical Bid.

- i. The liquid nitrogen containers as mentioned in hereinafter are required for the storage of LN2 & deep frozen semen.
- ii. The containers offered should be new.
- iii. The liquid nitrogen containers should be suitable for cryogenic application. For the selection of the material, process of manufacturing, testing, sampling should conform to IS:11552-1986/ BIS & ISO certification with latest amendments or any other equivalent internationally accepted codes.

CAPACITY OF CONTAINERS:

S. No.	Type of Container	Capacity
i.	Semen Storage Type Non Pressurized LN2 Container	03 liter
ii.	Semen Storage Type Non Pressurized LN2 Container	35 liter
iii.	Semen Storage Type Non Pressurized LN2 Container	47 liter
iv.	LN2 Transportation Type Non– Pressurized Container	55 liter

Following tolerance in the capacity of containers shall be acceptable:

S. No.	Type of Containers & capacity	Minimum	Maximum
i	03 liter Semen Storage Type Non Pressurized LN2	2.5 liter	4.2 liter
	Container		
ii.	35 liters Semen Storage Type Non Pressurized LN2	32 liter	36 liter
	Container		
iii.	47 liters Semen Storage Type Non Pressurized LN2	46 liter	48 liter
	Container		
iv.	55 liters LN2 Transportation Type Non– Pressurized	50 liter	55 liter
	Container		

MATERIAL OF CONSTRUCTION

- 1. For the 03, 35, 47 & 55 liter containers (inner and outer containers) shall be manufactured out of austenitic stainless steel conforming to AISI-304 or any other equivalent code or out of aluminum alloys conforming to AISI-5052 or IS:737 or any other equivalent code suitable for cryogenic application.
- 2. Containers shall be insulated by using multi layer super insulation technique and the insulation material used shall have resistance against conductive and radioactive heat transfer.
- 3. The annular space should be provided with suitable type and adequate quantity of absorber material to ensure maintenance of quality vacuum. After evacuating the annular space to the desired vacuum level, the pump out port on the outer shell shall be provided with suitable vacuum seal and a protective cap.

OTHER FEATURES:

- 1. HANDLE: The containers should be provided with lifting handle of suitable design.
- 2. **TOP LID:** The containers should be provided with neck plug of stainless steel/ polycarbonate cap. The lids must not be fixed with bolts to the neck plug but fixed with non conducting adhesive material. The internal cork of lid should be of adequate length & should bear same no. of grooves as the no. of canisters for 3, 35 & 47 liter capacity. The top lid for 55 lit container should not have any grooves..
- **3. CANISTERS:** Each canister shall have a suitable handle popping up for getting accommodated on the stopper grooves. The material of the canister shall be AISI 304 for cryogenic application.

Details of canisters & capacities should be as under*:

S. No.	Particulars	Unit	03 Liter	35 Liter	47 Liter	55 Liter
i.	Number of Canister	No.	6	6	11	-
ii.	Outer Diameter	mm.	35-38	35-38	70-74	-
iii.	Height	mm.	120	120	280	-
iv.	Straw Holding Capacity 0.25 ml Straw	No.	1560	1560	More than 17000	-

Note: Variations of 2% is permissible in the above parameters

4. RUBBER PROTECTION RING: 35, 47 & 55 liter containers will be protected with 2 No. of rubber protection rings and a bottom pad. The containers should be supplied with prefixed bottom rings & pad. A separate consignment of rings & pads will not be entertained.

^{*} or as per BIS certification standards, Proof of BIS certification standard duly attested by competent authority must be submitted along with technical bid

- 5. CONTAINER PROTECTION JACKET: The 03 Liter Vessels are required to be supplied with container protection jacket of good durable material with suitable & adequate cushioning material as lining both from the bottom as well as the sides
- 6. All containers offered must be BIS certified and the proof of BIS certification must be submitted along with Technical Bid.

TESTING:

i. EVAPORATION LOSS TEST AND STATIC HOLDING TIME:

Containers shall be put to evaporation loss test as per the procedure prescribed in the Indian Standard IS:11552-1986 with latest amendments.

ii. PRESSURE TEST

Internal pressure test shall be conducted on the containers as per the norms prescribed in the standards followed.

iii. Mass Spectrophotometer Leak Detection (MSLD) test on 100% containers shall be conducted to ensure leak proof ness of the vessel.

NOTE: Test certificates in respect of the above shall be furnished by the manufacturer along with each supply.

7. MARKING:

Each container shall have the following markings at the appropriate place:

- (a) IS 11552 to show that the vessel is in conformity to this standard;
- (b) Identification of cryogenic fluids for which the vessel is manufactured;
- (c) Volume of inner vessel (in litres);
- (d) Serial number of vessel;
- (e) Month and year of manufacture;
- (f) Name and address or other means of identification of manufacturers
- (g) Logo & Name of ULDB painted with polyurethane paint/ printed on each container.

8. Each Container shall be supplied with warrantee card along with the following information:

- (a) Empty Weight
- (b) Full Weight.
- (c) Date of Test
- (d) Static Evaporation rate test report.

9. PACKING:

- Each container shall be suitably packed to withstand the transport hazards and should protect the container from any sort of dent/damage etc.
- ii. Each packaging box should bear the exact identification & model no. of the container packed in the box
- iii. Each container should be supplied with calibration chart for measurement of liquid nitrogen of the container

Address of Consignee:

Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh, District-Dehradun, Uttarakhand

Deliver Schedule: Within one month from the date of Order.

Note: The quoted rate will be valid for one Year.

QUESTIONNAIRE TO BE FILLED BY THE BIDDERS

Information to be given for all types of LN2 containers quoted: [03 liter; 35 liter; 47 liter & 55 liter]

- 1 Name/ Manufacturer's Name
- 2 Model No.
- 3 Ref. of Standard/ Code followed in Selection of
- i Material
- ii. Fabrication
- iii. Testing
- 4 a. Material of construction of
- i. Inner Vessel
- ii. Outer Vessel
- 4 b. Code/ Standard to which these Material Types adheres to
- 5 Insulation Material Type
- a Vacuum Level of Annular Space at ambient temperature
- b Is Vacuum Port provided on the outer shell?
- c Is Protective Cap provided on the top?
- d Are the lifters provided with Storage Type & Transport Type Vessels?
- **6** Testing
- a Norms of Evaporation Test
- b Norms of Pressure Test
- c Norms of MSLD Test
- d Details of Test Certificates to be provided
- 7 Marking: Details of markings in each vessel
- 8 Technical Specification
 Complete the table below

S. No.	Characteristics	Unit	Liquid Nitrogen Container			
1.	Capacity	Liter	03 liter	35 liter	47 liter	55 liter
2.	Model No.					
3.	Empty Weight	Kg				
4.	Full Weight	Kg				
5.	Outer Diameter	mm				
6.	Height	mm				
7.	Static Evaporation Loss	liters/day				
8.	Static Holding Time	days				

Note: Attach technical literature of the offered models and relevant information.

SCHEDULE NO. FIVE:

TECHNICAL SPECIFICATIONS FOR 300 LIT. CAPACITY NON-PRESSURIZED WIDE MOUTH SEMEN STORAGE TYPE LIQUID NITROGEN CONTAINER: 02 Nos.

[N. B.: Equipment under this schedule should conform to BIS/ ISO 9001:2008 certification standards, a proof of which shall have to be submitted along with the Technical bid]

Technical Literature, brochures and all other relevant information supporting the bid must accompany the Technical bid.

A. GENERAL:

- 1. The Liquid Nitrogen Container, as mentioned hereinafter is required for the storage of deep frozen semen at the Deep Frozen Semen Laboratory, semen banks and in all the districts of the State of Uttarakhand.
- 2. The Liquid Nitrogen container offered should be new.
- 3. The liquid nitrogen container should be suitable for cryogenic application.
- 4. The liquid nitrogen container will be imprinted with the logo of the Uttarakhand Livestock Development Board.

B. TECHNICAL SPECIFICATIONS:

- 1. CAPACITY OF VESSEL: The bulk semen storage vessel should have a capacity to store at least 3 lakh French mini straws
- 2. **Neck opening -**810 mm
- 3. **Material of construction-** Stainless steel grade SS 304 or Equivalent.
- 4. **Canisters** -100 with lifters
- 5. **Divider-** 01 set
- 6. **Freezing Grill-** 01 no.
- 7. Freezing Racks- 25 Nos. Holding capacity of 175 straws of 0.25 ml, should fit in bio freezer of IMV make.
- 8. **Distribution Ramp -** 01 no. for French mini straws
- 9. **Top cover-** Acrylic, round
- 10. Static evaporation loss- Maximum 07 lit. per day under standard conditions.

Address of Consignee: Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, Post: Gumaniwala, Rishikesh, Dehradun, Uttarakhand

Deliver Schedule: Within One month from the date of Order.

Note: The quoted rate will be valid for one Year.

SCHEDULE: SIX PART A, B & C:

TECHNICAL SPECIFICATION OF LIQUID NITROGEN:

The rates of liquid nitrogen shall be quoted for the following requirements:

Part	Particulars	Technical Specification
No.		
	Liquid Nitrogen in Purchasers Pressurized	The Supplier shall fill the Purchasers vessel at a maximum of 6 bars
A	2000 liter or more capacity vessels (Ex-	pressure. During filling the vent valve of buyers' tanker will be kept in
	factory)	open position.
	Liquid Nitrogen in firms pressurized	The Suppliers tanker should be at a maximum pressure of 6 bars at the time
В	vessels of 6000-8000 liter capacity on	of decanting in Purchasers vessel. Failing which the Suppliers Tanker will
	FOR Basis at Shyampur- Rishikesh	be weighed only after correction of the requisite pressure.
	Liquid Nitrogen in firms pressurized	The Suppliers tanker should be at a maximum pressure of 6 bars at the time
C	vessels of 6000-8000 liter capacity on	of decanting in Purchasers vessel. Failing which the Suppliers Tanker will
	FOR Basis at Lalkuan- Nainital	be weighed only after correction of the requisite pressure.

NB: 1. The rate will be evaluated separately on Part basis including Taxes, Levies etc.

2. Rate quoted should be including cooling/ purging charges.

Other Technical Specifications:

- Shall have temperature of -196°C.
 Shall be 99% pure.
 If provided in pressurized vessel shall not be filled at a pressure of more than 6 bars.
- 4. Shall fill the Purchasers vessel within 4-6 hours of entry of Purchasers vessel inside the Suppliers premises. The following conversion factor will be considered for billing in litres: 1 kg. of LN2 = 1.234 Liters of LN2
- 5. Only bonafied manufacturers with a minimum production capacity of 5 tonnes per day will be entertained. A certificate regarding production details & installed storage capacity of liquid nitrogen have to be submitted with technical bid.
- 6. The liquid nitrogen so procured by the board will be used for preservation of semen & is exempted from excise duty however the firm should quote the rate of liquid nitrogen which should include cooling charges etc.

Address of Consignee:

- 1. Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh, District-Dehradun, Uttarakhand
- 2. Deputy Manager (Inputs), ULDB Semen Bank, Campus of Government Veterinary Hospital, Lalkuan, District- Nainital,

Deliver Schedule: Within 24 hours of the placement of demand by phone/ fax/ email.

SCHEDULE: SIX PART A, B & C:

TECHNICAL SPECIFICATION OF LIQUID NITROGEN:

The rates of liquid nitrogen shall be quoted for the following requirements:

Part	Particulars	Technical Specification					
No.							
	Liquid Nitrogen in Purchasers Pressurized	The Supplier shall fill the Purchasers vessel at a maximum of 6 bars					
Α	2000 liter or more capacity vessels (Ex-	pressure. During filling the vent valve of buyers' tanker will be kept in					
	factory)	open position.					
	Liquid Nitrogen in firms pressurized	The Suppliers tanker should be at a maximum pressure of 6 bars at the time					
В	vessels of 6000-8000 liter capacity on	of decanting in Purchasers vessel. Failing which the Suppliers Tanker will					
	FOR Basis at Shyampur- Rishikesh	be weighed only after correction of the requisite pressure.					
	Liquid Nitrogen in firms pressurized	The Suppliers tanker should be at a maximum pressure of 6 bars at the time					
C	vessels of 6000-8000 liter capacity on	of decanting in Purchasers vessel. Failing which the Suppliers Tanker will					
	FOR Basis at Lalkuan- Nainital	be weighed only after correction of the requisite pressure.					

NB: 1. The rate will be evaluated separately on Part basis including all incidentals and Taxes

2. Rate quoted should be including cooling/ purging charges.

Other Technical Specifications:

- 1. Shall have temperature of -196°C.
- 2. Shall be 99% pure.
- 3. If provided in pressurized vessel shall not be filled at a pressure of more than 6 bars.
- 4. Shall fill the Purchasers vessel within 4-6 hours of entry of Purchasers vessel inside the Suppliers premises.

 The following conversion factor will be considered for billing in litres: 1 kg. of LN2 = 1.234 Liters of LN2
- 5. Only bonafied manufacturers with a minimum production capacity of 5 tonnes per day will be entertained. A certificate regarding production details & installed storage capacity of liquid nitrogen have to be submitted with technical bid.
- 6. The liquid nitrogen so procured by the board will be used for preservation of semen & is exempted from excise duty however the firm should quote the rate of liquid nitrogen which should include cooling charges etc.

Address of Consignee:

Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh, District-Dehradun, Uttarakhand

Deputy Manager (Inputs), ULDB Semen Bank, Campus of Government Veterinary Hospital, Lalkuan, District- Nainital, Uttarakhand

Deliver Schedule: Within 24 hours of the placement of demand by phone/ fax/ email.

SCHEDULE: SEVEN: Sample to be submitted with the bid.

TECHNICAL SPECIFICATION FOR UNIVERSAL AI SHEATH: 15,00,000 Nos. (50 x 30000)

[N. B.: Equipment under this schedule should conform to BIS/ ISO certification standards, a proof of which shall have to be submitted along with the Technical bid]

Technical Literature, brochures and all other relevant information supporting the bid must accompany the Technical bid.

- Made from high quality PVC material, non toxic to spermatozoa.
- The sheath should be individually packed in sterilized pack.
- Each pack should contain 50 individually packaged Universal AI Sheath.
- The sheath should be beaded & should not be split at one end.
- Sheath should be compatible with universal A.I gun.
- Movement of bead inside the sheath should be smooth.

Note: Only One Type of Sample (sample size: pack of 50 sheath) of the offered item will be accepted with the Bid. Bid offered with multiple samples will be summarily rejected.

Address of Consignee: Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh, District-Dehradun, Uttarakhand

Deliver Schedule: Within One month from the date of Order and the quoted rate will be valid for one Year.

SCHEDULE: EIGHT: Sample to be submitted with the bid.

TECHNICAL SPECIFICATION FOR DISPOSABLE PVC SLEEVES: 15,00,000 Nos. (100 x 15000)

[N. B.: Equipment under this schedule should conform to BIS/ ISO certification standards, a proof of which shall have to be submitted along with the Technical bid]

Technical Literature, brochures and all other relevant information supporting the bid must accompany the Technical bid.

- The sleeves should be of shoulder length with five fingers and made from good quality PVC.
- Minimum weight of one sleeve should not be less than 3 gm.
- Sleeves must be packed in packs of 50 sleeves.
- · Sealing of the ends of all fingers should be smooth along with sides so that it does not damage rectal mucosa.
- The sleeves should not burst or leaked while ballooning.
- Finished sleeve should be soft & smooth, matt & rough finished sleeve will be rejected.

Note: Only One Type of Sample (sample size: pack of 100 sleeves) of the offered item will be accepted with the Bid. Bid offered with multiple samples will be summarily rejected.

Address of Consignee: Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh,

District-Dehradun, Uttarakhand

Deliver Schedule: Within One month from the date of Order and the quoted rate will be valid for one Year.

SCHEDULE NO. NINE: Sample to be submitted with the bid.

TECHNICAL SPECIFICATION OF EMPTY STERILIZED FRENCH MINI DEEP FROZEN SEMEN STRAW:

N. B.: Equipment under this schedule should conform to BIS/ ISO certification standards, a proof of which shall have to be submitted along with the Technical bid]

Technical Literature, brochures and all other relevant information supporting the bid must accompany the Technical bid.

Requirement – Empty French Mini Straws (low absorption type, 0.25 ml)

Required Specification (Attach Technical Brochure)

Make Vendor to specify. Model Vendor to Specify.

Support Supply should bear free replacement guarantee against

any manufacturing defect for two years from the date of

supply.

Type: French Mini Straw (0.25ml) - Low absorption type.

Materials: The material shall be non-toxic and shall not contain any ingredient harmful to sperms.

Suitable grade of polyvinyl chloride shall be used.

Dimension:

Length: 133 mm +/- 1.0 mm,

External Diameter: 1.90 mm +/- 0.1 mm Internal Diameter: 1.60 mm +/- 0.1 mm

Physical characteristics: The straw shall be free from un-dispersed raw material streak and particles of foreign matter, tears and blisters. The straw shall be uniformly smooth, straight and transparent throughout the length. The Inner diameter should be uniform throughout the length. The edges of straws shall be free from visible nicks and cuts.

Manufacture and Finish: The straw shall withstand the heating and deep cold shocks between temperatures 50° C. to - 196° C.

Special Quality (Low absorption) plug: One end of the straw (Factory plug end) shall be plugged leaving 8.00+/- 5 mm space from the end, with the help of plug consisting of Polyvinyl alcohol powder of fine powder texture (3.5 +/- 0.5 mm length) sandwiched by two equal size pieces of braided cotton (4.0 +/- 0.5 mm length) making the total length to 11.5 +/- 0.5 mm. The beginning of the plug should be 113 mm from the beginning of the tube (laboratory sealing end). The PVA powder should form an impenetrable seal as soon as it comes in contact with semen and should be homogenous in nature. The Factory plug shall be smooth and shall not be too tight or loose, to facilitate easy movement when pushed forward. The straws shall not develop any crack, bulging, bending deformity and shall hold the printing ink and print when successively cooled under liquid nitrogen. The print on the straws should not fade away on long storage of the straw. The straw colour should be uniform and should have enough transparency, such that the movement of fluid/dilutor into the straw is visible in normal day light.

The low absorption character of the plug will be tested both by weight and volume method as per details below:

- I By weight method:
- 1. Unfilled straw weight (gms)
- 2. Filled straw weight (gms)
- 3. Emptied straw weight (gms)
- 4. Expelled weight (gms)
- 5. Retained weight (gms)
- 6. Required weight to fill (gm) (2-1)
- 7. Percentage loss (5/6) X 100

The straw samples with lowest absorption rate (with a permissible maximum of 4.5%) will be considered.

II– By volume method:

No. of straws produced to a known volume of tris-egg yolk glycerol dilutor is to be counted for each test sample with standard vacuum pressure in the filling and sealing machine. Sample with more no. of straws produced, has effective low absorption rate.

Standard range for low absorption category: Minimum 4 to 6 straws extra for every 100 straws filled and sealed. (Highest no. of straws produced for every 100 straws will be considered)

In both the methods of testing, normal French mini straws (0.25ml) will be kept as control.

Durability: All straws should bear free replacement guarantee against any manufacturing defect for two years from the date of supply.

Bio-Compatibility: Approved for Animal application.

Packing: The straws shall be packed in sterile polyethylene packs. Each pack containing 2000 straws and marked legibly with the name of the manufacturers, batch and code number, month of packing etc.

Quality Test: The straws will also be subjected randomly for quality parameter after the supply and if any defect is found, the consignment will be rejected outright.

Colour Requirement: The colour-wise requirement will be indicated at the time of placing the purchase order.

General instructions for sending samples for testing:

- The sample should be packed separately and sealed. It should be clearly written on the pack "Sample for testing".
- Minimum of 2000 numbers of empty French mini (0.25 ml) straws—Low absorption type should be submitted along with the tender.

- 2. Criteria for selecting the firm for award of contract:
 - (a). The Technical bids will be opened and examined by the duly constituted committee before opening of Financial bids.
 - (b). The samples submitted by the technically qualified bidders will be subjected for quality tests as per standard protocols and guidelines of GOI.
 - (c). On receipt of test reports the Financial bids of those firms who qualify will be opened by the committee for comparative studies.
 - (d). The firm which has quoted lowest among the technically qualified firms shall be considered.
 - (e). The findings and the observations of the tender committee will be sent to the Competent Authority for his approvals & administrative sanctions.

Note: Only One Type of Sample (sample size: pack of 2000 sleeves) of the offered item will be accepted with the Bid. Bid offered with multiple samples will be summarily rejected.

Address of Consignee: Addl. Manager (Lab), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh, District-Dehradun, Uttarakhand

Deliver Schedule: Within One month from the date of Order and the quoted rate will be valid for one Year. ULDB will place order as when required basis.

SCHEDULE: TEN: Sample to be submitted with the bid.

EAR TAG: 9.12.000 Nos.

TECHNICAL SPECIFICATION FOR EAR TAG:

[N. B.: Equipment under this schedule should conform to BIS/ ISO Certification Standard, a proof of which shall have to be submitted along with the Samples of all items with Technical Bid]

Technical Literature, brochures and all other relevant information supporting the bid must accompany the Technical bid.

i. Description:

The ear tag composed of two parts (Male + Female). The male part is a button with a diameter of 27 mm ($\pm 2 \text{mm}$). The male part should have a metal point. The size of the female piece should be comprised between $55 \times 65 \text{ mm}$ and $58 \times 69 \text{ mm}$ with a closed head.

ii. Raw Material:

- The tag should be made from Ether grade Thermoplastic Polyurethane Elastomer material that should be resistant to ultraviolet light, high and low temperature, impossible to reopen by wrench and should be tamperproof.
- The manufacturer should provide documentation from the independent and recognized sources to demonstrate the non-resolvability of its tags. Pull test certificate for the ear tag with minimum 28KgF pull test force shall be furnished at the time of submitting technical bid.

iii. Weight:

• The weight of the ear tag (male+female) should be 7 grams (+/-10%).

iv. Printing (Laser):

First Line: One dimensional Barcode with encoding 128, 10mm high (+/-1mm).

Second Line: A row of 6 digits, 10mm high (+/-1mm).

Third Line: A row of 6 digits, 18mm high (+/-1mm).

- a. Numbers and bar code should be covering full size of the female tag and leaving 2 mm margin on all sides.
- **b.** The printing must be as dark as possible to ensure the readability of the bar code over the years. The manufacturer should provide documentation to demonstrate the readability of its tags over the years. Animal Breeding (AB) Group, NDDB will send the list of twelve-digit numbers to be laser printed on ear tags.
- c. Colour: The colour of the tag should be lemon yellow
- d. Packing: In order to manage the tag inventory the ear tag should be packed in batches of 100 pieces in a good quality polyethylene bags indicating beginning and ending numbers and further packed in a corrugated box containing 500 pieces of ear tags i.e. 5 polyethylene bags each containing 100 pieces of ear tags
- e. Ear Tag-Test Report- i) Ether Grade Test Report is required to be provided at the time of supply (Finished good) ii) Manufacturer' test certificate should be attached with the Technical Bid (Raw Material)

Note: Only One Type of Sample of the offered item will be accepted with the Bid. Bid offered with multiple samples will be

summarily rejected.

Address of Consignee: Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh, District-Dehradun. Uttarakhand

Deliver Schedule: Within One month from the date of Order and the quoted rate will be valid for one Year.

EAR TAG APPLICATOR WITH 3 EXTRA PINS: 145 Nos.

TECHNICAL SPECIFICATION FOR EAR TAG APPLICATOR WITH 3 EXTRA PINS:

[N. B.: Equipment under this schedule should conform to BIS/ ISO Certification Standard, a proof of which shall have to be submitted along with the Samples of all items with Technical Bid]

Technical Literature, brochures and all other relevant information supporting the bid must accompany the Technical bid.

- 1.1 The applicator must not require significant force or manipulation to affix the tag to the ear. It must be easy to use, be robust, work effectively with the tag and affix the tag permanently.
- 1.2 Equipment should conform to BIS/ ISO certification standards
- **1.3** Compatible Universal applicator
- 1.4 Having deep jaw making proper placement of tags easier
- 1.5 Grip designed to ease hand fatigue from repeated use
- **1.6** Easy Replacement applicator pin located in handle
- **1.7** Applicator must be compatible with the ear tags.
- **1.8** The applicator and its pin should be reliable for mass tagging.
- 1.9 To prevent against field condition, each applicator should be supplied with 3 Nos. of extra pin.
- **1.10** To protect the pin over time and transport conditions, the applicator must have a locker.
- 1.11 Each Ear Tag Applicator should be supplied with brochure having methodology for application of ear tag.
- 1.12 The instructions must be clear, easy to follow, in the English language and cover the following issues:
 - **1.12.1** use of applicators;
 - **1.12.2** method of insertion of the tags;

Note: Only One Type of Sample of the offered item will be accepted with the Bid. Bid offered with multiple samples will be summarily rejected.

Address of Consignee: Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh, District-Dehradun. Uttarakhand

Deliver Schedule: Within One month from the date of Order and the quoted rate will be valid for one Year.

SCHEDULE: ELEVEN: Sample to be submitted with the bid.

TECHNICAL SPECIFICATION FOR ANIMAL HEALTH CARD: 7,55,000 No.

Size and Quality of Paper: A4 Size with one Fold, should be Printed in Good Quality 130 GSM Art Card with colour photograph of Cow/ Buffalo and black and white printing as per Animal Health Card (Nakul Swasthya Patra) enclosed as Annexure I. Should be supplied with Good Quality Plastic Envelope for holding folded Animal Health Card. Name and Logo of ULDB and Name of the Scheme will be printed on Envelope.

Colour of Cards: Green, Grey and Orange.

Note: Only One Type of Sample of the offered item (Sample of Card and Envelop) will be accepted with one Bid. Bid offered with multiple samples will be summarily rejected.

Address of Consignee: Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, P.O. Gumaniwala, Rishikesh, District-Dehradun, Uttarakhand

Deliver Schedule: Within One month from the date of Order.

Annexure-I

distr
service series

ANIMAL HEALTH CARD NAKUL SWASTHYA PATRA

Cover Page



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Back Page Breeding Details Sr. No. Date of Al/NS Date of Calf Sex of Calf Sr. No. Date of Al/NS Date of Calf Sex of Calf

Animal	Details:

Animal UID No.	
Breed	
Age	
Parity	

Owner Details:

Father's name	
Full Address	
Aadhar No.	
Contact No.	
	Issuing Official:

Issuing Official:					
Name & Father's name					
Date of Issue					
Contact No.					
Signature					

29 Mid Pages **Animal Details: Breeding Details** Sr. No. Date of Al/NS Date of Calf Sex of Calf Sr. No. Date of Al/NS Date of Calf Sex of Calf De-worming : Information if any for: ____ 1. Lameness: 2. Mastitis: Vaccination Disease 1st Year 2nd Year 3rd Year 4th Year 5th Year Foot and Mouth Disease (FMD) Twice a year (4 month and above, booster after one month) Hemorrhagic Septicemla (HS) Before monsoon 6 months and above Annually in endemic areas Black Quarter (BQ) Before monsoon 6 months and above annually in endemic areas Brucellosis 4 to 8 month of age- female calves once in life time Any other Vaccines

SECTION VI-A: QUALIFICATION CRITERIA

SCHEDULE NO. ONE, TWO, THREE & FOUR: The bids of only those bidders shall be considered who have BIS certification of liquid nitrogen containers manufactured by them. The bidders are therefore required to submit all necessary documents in support of having the above mentioned requirement including all other documents (as per checklist) in the Technical Bid. documents (as per checklist) in the Technical Bid.

SCHEDULE NO. FIVE: The bids of only those bidders shall be considered who have BIS certification/ ISO Certification of liquid nitrogen containers manufactured by them. The bids of only those Bidders shall be considered who have previous experience of supplying of similar items. The bidders are therefore required to submit necessary documents in support of having the above mentioned experience including all other documents (as per checklist) in the Technical Bid.

SCHEDULE NO. SIX: The bids of only those Bidders shall only be considered who are bonafide manufacturers of liquid nitrogen with manufacturing capacity of 5 tonnes liquid nitrogen per day and should have experience of supplying liquid nitrogen of the required specifications. The bidders are therefore required to submit necessary documents in support of having the above mentioned experience including all other documents (as per checklist) in the Technical Bid.

SCHEDULE NO. SEVEN: The bidder must have previous experience of supplying items of similar specification. The bidders are therefore required to submit necessary documents in support of having the above mentioned experience including all other documents (as per checklist) in the Technical Bid.

SCHEDULE NO. EIGHT: The bidder must have previous experience of supplying items of similar specification. The bidders are therefore required to submit necessary documents in support of having the above mentioned experience including all other documents (as per checklist) in the Technical Bid.

<u>SCHEDULE NO. NINE:</u> The bidder must have previous experience of supplying items of similar specification. The bidders are therefore required to submit necessary documents in support of having the above mentioned experience including all other documents (as per checklist) in the Technical Bid.

SCHEDULE NO. TEN: The bidder must have previous experience of supplying items of similar specification. The bidders are therefore required to submit necessary documents in support of having the above mentioned experience including all other documents (as per checklist) in the Technical Bid.

SCHEDULE NO. ELEVEN: The bidder must have previous experience of printing and supplying of similar items. The bidders are therefore required to submit all necessary documents in support of having the above mentioned experience including all other documents (as per checklist) in the Technical Bid.

SECTION VII

DECLARATION

(To Be submitted in Original in ₹100.00 Non judicial stamp paper)

(-	Date:
Bid Reference No.: 4039/ULDB/PROC./Vol.XV/2018-19	Dated: 05 th February 2019
To:	
Chief Executive Officer	
Uttarakhand Livestock Development Board Pashudhan Bhawan, Ist Floor,	
P.O. Mothrowala,	
Dehardun – 248001, Uttarakhand, India	
Sir, I Having examined the Bidding Document Bid Reference No.:/ULD	DB/PROC./ Vol.XV/2018-19 Dated February
2019 including Addenda Nos	is hereby duly acknowledged, we the undersigned, ding document and offer to supply and
We undertake, if our bid is accepted, to deliver the goods in accordance valocument.	with the delivery schedule specified in the bidding
If our bid is accepted, we will submit DD/ FDR/ Banker's Cheque / equivalent to percent of the total Contract Price for the due performance Purchaser.	
We agree to abide by this bid for the Bid validity period specified in ITB may be accepted at any time before the expiration of that period.	Clause 14 and it shall remain binding upon us and
Until a formal contract is prepared and executed, this bid, together notification of award, shall constitute a binding Contract between us.	with your written acceptance thereof and your
We undertake that, in competing for (and, if the award is made to us, observe the laws against fraud and corruption in force in India.	in executing) the above contract, we will strictly
We understand that you are not bound to accept the lowest or any bid you	may receive.
We clarify/confirm that we comply with the eligibility requirements as pe	or the bidding document.
We, as an authorized representative(s) of company, declare that present and is not declared ineligible for corrupt & fraudulent practices, is not blackliste time, nor has had work withdrawn, by any State/ Central Government/ PSU.	
Dated this day of20	
Name & Seal of Signing Authority	
(signature)	(in the capacity of)

Duly authorized to sign Bid for and on behalf of

SECTION - VIII

<u>BID SECURITY FORM</u> (Proforma of Bid Security to be submitted in ₹100.00 Non judicial stamp paper)

			submitted its bid dated
(name of boundsuccess	of country unto	assigns by these presents. Sealed with the Common Seal of the said B	reinafter called "the Bank"), are Purchaser") in the sum of chaser, the Bank binds itself, its
THE C	ONDITIO	ONS of this obligation are:	
1.	If the B	idder	
	(a) (b)	withdraws its Bid during the period of bid validity specified by the Bidd does not accept the correction of errors in accordance with the ITB; or	der on the Declaration; or
2.	If the I	Bidder, having been notified of the acceptance of its bid by the Purc :	haser during the period of bid
	(a)	fails or refuses to execute the Contract Form if required; or	
	(b)	fails or refuses to furnish the performance security, in accordance with	the Instruction to Bidders;
having	to substa	pay the Purchaser up to the above amount upon receipt of its first written ntiate its demand, provided that in its demand the Purchaser will note to to the occurrence of one or both of the two conditions, specifying the occ	that the amount claimed by it is
		will remain in force up to and including Ninety Days (90) days after the espect thereof should reach the Bank not later than the above date.	e period of the bid validity, and
			(Signature of the Bank)
1			

Name of Bidder

SECTION -IX

CONTRACT FORM

(Proforma of Agreement to be signed in ₹100.00 Non judicial stamp paper between Uttarakhand Livestock Development Board and the successful bidder)

THIS		EMENT (<i>Na</i>	made				of(Country of			20 ter "the Pi	Between urchaser") of
the one	part and	d b			(Name	of Sup					l Country of
				us that certain by the Supp					(Brief	Descripti	ion of Goods
NOW T	THIS AG	REEMEN	T WITH	HESSETH A	S FOLL	OWS	:				
1.								s as are resp	pectively a	ssigned to	them in the
_		ons of Cont									_
2.				hall be deem		n and l	oe read and o	construed as	s part of thi	s Agreem	ent, viz.:
	(a) (b)			tification of a equirement;	Awara;						
	(c)	the Techn									
	(d)			tions of Cont	ract and						
	(e)	the Specia	al Condit	ions of Contr	ract						
 4. 	Supplie in confo	r hereby co ormity in all	ovenants I respects	with the Pure with the pro	chaser to	provion the C	de the goods Contract.	and servic	es and to r	emedy de	entioned, the efects therein and services
	and the	remedying	of defea		he Contra	act Pri	ce or such of	ther sum as	may beco		ole under the
		here of the year first a			aused thi	s Agre	ement to be	executed in	accordanc	e with the	eir respective
Signed, For and		f of Purcha	ser (one	part)			Supplier ((other part)			
in the n	woo oo oo	o.f									
1.	resence	01				1.					
2.						2.					
on beh	nalf of or	ie part				On be	ehalf of othe	er part			

SECTION - X

PERFORMANCE SECURITY FORM FOR BANK GUARANTEE

To:			(N	ame of P	urchas	er)				
WHEREAS								(Name of	Supplier)	
hereinafter	called	"the	Supplier"	has	un	dertaken,	in	pursuance	of	Contract
No		dated,	20)	to	supply		-		
(De	escription o	of Goods an	d Services) her	einafter (called '	the Contrac	ct".			
	a recogniz	ed bank for	the sum specif					olier shall furning the Superior with the Superior Superi		
ofpay you, upon argument, any	E WE here your first y sum or	eby affirm to the sums within	(Aımand declaring	arantors a mount of the Sup	and res f the G pplier to	ponsible to uarantee in be in defa (Amount	Words ult unde of Gua	behalf of the S and Figures) a or the Contract a rantee) as afor therein.	and we un	ndertake to out cavil or
This guarantee	e is valid u	nit the	day o	f		20				
						Signa	ture and	Seal of Guaran	tors	
								•••••		
						Date		20		
						Addre	ess:			

SECTION XI

PERFORMANCE STATEMENT Proforma for Performance Statement (for a period of last two to three year)

Bid Reference No	.: 4039/ULDB/PROC	C./Vol.XV/2018-19	Dated: 05" Febru	iary 2019 Da	ite of opening of Tech	nical Bid	. Time of Opening
Name of the Firm							
Order placed by (full address of Purchaser)	Order No. and date	Description and quantity of order	Value of order	Date of comple As per contract	tion of delivery Actual	Remarks indicating reasons for late delivery, if any	Has the equipment/ Services been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee)
							-

Signature and seal of the Bidder

SECTION - XII

MANUFACTURERS' AUTHORIZATION FORM

	Letter No	dated
То		
•••••		
Dear Sir:		
	d Reference No.: 4039/ULDB/PROC./Vo	·
manufacturers/ having facto	ories at	who are established and reputable
(Name and addragainst the abov		contract with you for the goods manufactured/ produced by us
		are goods manufactured/ produced by us, against this specific IFB.
	•	nty as Clause 15 of the General Conditions of Contract and ods and services offered for supply by the above firm against
		Yours faithfully,
		(Signature) (Name of manufacturers)
Note:		e letterhead of the manufacturer and should be signed by a
	included by the Bidder in its bid.	er of attorney to legally bind the manufacture. It should be

SECTION XIII

$\frac{PROFORMA\ FOR\ EQUIPMENT\ AND\ QUALITY\ CONTROL\ EMPLOYED\ BY\ THE\ MANUFACTURER/}{PRODUCER}$

	Bio	d Reference No.: 4039/ULDB/PROC./Vol.XV	V/2018-19	Dated: 05 th February 2019			
Date of	f Opening	Ţ					
Name o	of Bidder	:					
(Note:	All detail	s should relate to the manufacturer for the item	is offered for suj	oply)			
1.	Name &	& full address of the manufacturer					
2.	(a) (b) (c)		Office/Factory/ Office/Factory/				
3.	Locatio	on of the manufacturing/ production factory					
4.	Details	of Industrial License, wherever required as per	r statutory regula	ations.			
5.		of important Plant & Machinery functioning d if available).	in each dept. (Monographs & description pamphlets be			
6.	Details	of the process of manufacture in the factory.					
7.	Details	& stocks of raw materials held.					
8.	Produc	tion capacity of item(s) quoted for, with the exi	isting Plant & M	achinery			
	8.1 8.2	Normal Maximum					
9.	Details	of arrangement for quality control of products	such as laborate	ory, testing equipment etc.			
10.	Details	Details of staff					
	10.1	Details of technical supervisory staff in charge	ge of production	& quality control.			
	10.2	Skilled labour employed					
	10.3	Unskilled labour employed					
	10.4	Maximum No. of workers (skilled & unskilled the date of Tender.	ed) employed o	n any day during the 18 months preceding			

Whether goods are tested to any standard specification? If so, copies of original test certificates should be

If so, furnish full particulars of registration, period of currency etc. with a copy of the certificate of registration.

Are you registered with the Directorate General of Supplies and Disposals, New Delhi, India?

11.

12.

submitted in triplicate.

(Signature)
(Name of manufacturers/ producer)

SECTION XIV

CHECKLIST FOR TECHNICAL BID SUBMISSION

S. No.	Particulars	Scanned Copy of Document Attached (Yes/No)
1	Proof of Cost of Bid Document	
2	Proof of Bid Security	
3	Proof of Declaration	
4	Bidder's Profile along with proof of certification having details of registration; PAN No; GSTIN No. etc.	
5	Latest Sales Tax Clearance Certificate	
6	Summary of Latest Audited Balance Sheet	
7	Documentary proof of BIS &/or ISO 9001 : 2008 certification or any other relevant document	
8	Technical Details of the items conforming to the bid along with other relevant documents	
9	Experience of the bidder conforming to the qualification criteria as specified in Section VI A of bid document & other relevant documents establishing bidders eligibility & qualification	
10	Sample where ever required (Schedule No. Seven, Eight, Nine, Ten and Eleven)	