



Uttarakhand Livestock Development Board

Pashudhan Bhawan, Ist Floor, Mothrowala Road,

P.O. Mothrowala, Dehradun-248001,

Telefax : 0135-2532619

Email: ceoulldb2019@gmail.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 NON PRESSURIZED SEMEN STORAGE AND TRANSPORT TYPE LIQUID NITROGEN CONTAINERS, LABORATORY EQUIPMENTS FOR DEEP FROZEN SEMEN PRODUCTION CENTER, AUTOMATIC WIDE MOUTH SEMEN STRAW STORAGE TYPE LIQUID NITROGEN CONTAINER; ARTIFICIAL INSEMINATION GUN; BRUCELLA DISEASE DIAGNOSTIC KIT; ELECTRO FUSION AND ELECTROPORATION MACHINE FOR CLONING AND EQUIPMENT AND CONSUMABLES ITEMS FOR ET AND IVF

Bid Reference No.	:	3268/ULDB/PROC./Vol.XVI ETT-IV/2020-21 Dated: 26th February 2021	
Price of bidding document (non refundable)	:	Schedule No. One: ₹2360.00	Schedule No. Six: ₹1180.00
		Schedule No. Two: ₹2360.00	Schedule No. Seven: ₹590.00
		Schedule No. Three: ₹1180.00	Schedule No. Eight: ₹590.00
		Schedule No. Four: ₹2360.00	Schedule No. Nine: ₹2360.00
		Schedule No. Five: ₹1180.00	Schedule No. Ten: ₹11800.00
Date of Release of Invitation for Bids in https://uktenders.gov.in	:	27th February 2021	
Availability of Bid Document and Mode of Submission	:	<p>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.</p> <p>Details of subsequent addendum/corrigendum/ cancellation etc. may be obtained from https://uktenders.gov.in</p> <p>The bidder are required to submit (a) Original Demand Draft towards the cost of bid document (b) Original Bid Security and (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 Sample (Schedule No. Seven) to the office of Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun- 248001, Uttarakhand, India on or before stipulated date and time. Failing which bid shall be declared as non-responsive.</p>	
Last date and time for Receipt of Bids in https://uktenders.gov.in	:	19th March 2021 up to 11.00 AM	
Time and date of Opening of Technical Bids	:	19th March 2021 at 11.30 AM	
Time and date of Opening of Financial Bids of Technically qualified bidders	:	Will be intimated through https://uktenders.gov.in	
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: ceouldb2019@gmail.com, Website: www.uldub.org

SECTION 1 : INVITATION FOR BID

1. The Uttarakhand Livestock Development Board is State Implementing Agency for implementation of 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.
2. The Chief Executive Officer, Uttarakhand Livestock Development Board is inviting from all eligible bidders for the supply of following goods:

Schedule No./ Part of Schedule	Brief Description of Item	Qty.
One Part A	1.5-1.75 liter Semen Storage Type Non Pressurized LN2 Container	500 No.
One Part B	20 liters Semen Storage Type Non Pressurized LN2 Container	500 No.
One Part C	35 liters Semen Storage Type Non Pressurized LN2 Container	50 No.
One Part D	47 liters Semen Storage Type Non Pressurized LN2 Container	50 No.
One Part E	50 liters LN2 Transportation Type Non- Pressurized Container	50 No.
Two	Filling Sealing And Printing Machine With And Without Auto Liquid Detection Facility	01 No.
Three	Photometer with Printer and Dilutor for Bovine Semen Analysis	01 No.
Four	Automatic Wide Mouth Semen Straw Storage Type Liquid Nitrogen Container	01 No.
Five	Water Purification System	01 No.
Six	Heating Stage (Glass) for Microscope for Nikon E 200	03 No.
Seven	Artificial Insemination Gun	1000 No.
Eight	Disease Diagnostic Kit for Brucella for Testing of 1600 Animals	1 Set
Nine	Electro Fusion and Electroporation Machine for Cloning	01 No.
Ten	Equipment and Consumables Items for ET and IVF	Variable

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 GST Return Filing Statement
- 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 Catalogue, Brochures etc..
- ix. 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)**TABLE OF CLAUSES**

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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 Rashtriya Gokul Mission (RGM) in Uttarakhand State. The 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 Non pressurized Semen Storage and Transport Type Liquid Nitrogen Containers, Laboratory Equipments for Deep Frozen Semen Production Center, Automatic Wide Mouth Semen Storage Type Liquid Nitrogen Container; Artificial Insemination Gun; Brucella Disease Diagnostic Kit; Electro Fusion & Electroporation Machine for Cloning and Equipment and Consumables Items for ET and IVF. The total estimated cost of the bid is approximately ₹265.00 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 bidding 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;
 - (l) 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, 1st 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:

- 10.1 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, Bidder shall furnish, as part of its technical bid, a bid security in the amount as mentioned below:

Schedule No./ Part of Schedule	Brief Description of Item	*Bid Security (INR)
One Part A	1.5-1.75 liter Semen Storage Type Non Pressurized LN2 Container	225000.00
One Part B	20 liters Semen Storage Type Non Pressurized LN2 Container	
One Part C	35 liters Semen Storage Type Non Pressurized LN2 Container	
One Part D	47 liters Semen Storage Type Non Pressurized LN2 Container	
One Part E	50 liters LN2 Transportation Type Non- Pressurized Container	
Two	Filling Sealing And Printing Machine With And Without Auto Liquid Detection Facility	125000.00
Three	Photometer with Printer and Dilutor for Bovine Semen Analysis	45000.00
Four	Automatic Wide Mouth Semen Straw Storage Type Liquid Nitrogen Container	60000.00
Five	Water Purification System	25000.00
Six	Heating Stage (Glass) for Microscope for Nikon E 200	15000.00
Seven	Artificial Insemination Gun	12000.00
Eight	Disease Diagnostic Kit for Brucella	12000.00
Nine	Electro Fusion and Electroporation Machine for Cloning	70000.00
Ten	Equipment and Consumables Items for ET And IVF	18000.00

*** 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:
- 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;
 - 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;
 - 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.
- 13.5 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:**
- 16.1 The Cost of bid document, Bid Security, Declaration and Sample of offered Item where ever required shall be sent by Registered Post with acknowledgement due/ courier so as to reach the Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun- 248001, Uttarakhand, India not later than the specified date and time. The envelope must be superscribed with "Bid for the Supply of Item mentioned in Schedule No. Part of IFB No. If the bidders or their agents in India do not propose to send the Cost of bid document, Bid Security and Declaration by Registered Post/ courier and if they wish to hand over the same personally they may do so by personally handing over the them to the Uttarakhand Livestock Development Board, Pashudhan Bhawan, Ist Floor, P.O. Mothrowala, Dehradun- 248001, Uttarakhand, India against an acknowledgement not later than the stipulated time and date.
- 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 of offered Item where ever required 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 of offered Item where ever required 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:

- 18.1 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:**

- 20.1 The Purchaser will open Technical Bids of only those bidders whose Cost of Bid Document, Bid security, Declaration and Sample of offered Item where ever required 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

- 21.1 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:

- 22.1 **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 Sample of offered Item 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 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 Part of Schedule basis.
- In case of Discrepancy in quoted GST the bid should be evaluated on Unit Rate basis including all incidentals but excluding GST.
- 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 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 its request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Bidder.

29. Signing of Contract:

- 29.1 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.
- 29.2 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:

- 30.1 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,

SECTION III : GENERAL CONDITIONS OF CONTRACT (GCC)
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;
- (c) "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:

- 10.1 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.
- 15.4 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.
- 16.2 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 within 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;
 - (c) 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 impeding 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:

23.1 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:**
- 32.1 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)**TABLE OF CLAUSES**

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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 of Schedule	Brief Description of Item	Performance Security
One Part A	1.5-1.75 liter Semen Storage Type Non Pressurized LN2 Container	6% of Net Quoted Price
One Part B	20 liters Semen Storage Type Non Pressurized LN2 Container	5% of Net Quoted Price
One Part C	35 liters Semen Storage Type Non Pressurized LN2 Container	6% of Net Quoted Price
One Part D	47 liters Semen Storage Type Non Pressurized LN2 Container	6% of Net Quoted Price
One Part E	50 liters LN2 Transportation Type Non- Pressurized Container	6% of Net Quoted Price
Two	Filling Sealing And Printing Machine With And Without Auto Liquid Detection Facility	5% of Net Quoted Price
Three	Photometer with Printer and Dilutor for Bovine Semen Analysis	6% of Net Quoted Price
Four	Automatic Wide Mouth Semen Straw Storage Type Liquid Nitrogen Container	6% of Net Quoted Price
Five	Water Purification System	6% of Net Quoted Price
Six	Heating Stage (Glass) for Microscope for Nikon E 200	6% of Net Quoted Price
Seven	Artificial Insemination Gun	8% of Net Quoted Price
Eight	Disease Diagnostic Kit for Brucella	8% of Net Quoted Price
Nine	Electro Fusion and Electroporation Machine for Cloning	6% of Net Quoted Price
Ten	Equipment and Consumables Items for ET And IVF	6% 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:
Packing Instructions: 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) Duplicate Copies of the Supplier invoice showing contract/ order number, goods' description, quantity, unit price, total amount;
 - (ii) Railway/ Airway receipt/acknowledgment of receipt of goods from the consignee(s);
 - (iii) Duplicate 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 than 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 in accordance to the period as specified in technical specification and warranty period shall start from the 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 5% of the contract price after that the contract shall be 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
2. The supplier shall be responsible for safe delivery of the goods up to consignee's place.
3. The delivery schedule will start from the date of placement of order.

Schedule No./ Part of Schedule	Brief Description of Item	Qty.	Delivery schedule
One Part A	1.5-1.75 liter Semen Storage Type Non Pressurized LN2 Container	500 No.	Two month from the date of Order
One Part B	20 liters Semen Storage Type Non Pressurized LN2 Container	500 No.	Two month from the date of Order
One Part C	35 liters Semen Storage Type Non Pressurized LN2 Container	50 No.	Two month from the date of Order
One Part D	47 liters Semen Storage Type Non Pressurized LN2 Container	50 No.	Two month from the date of Order
One Part E	50 liters LN2 Transportation Type Non- Pressurized Container	50 No.	Two month from the date of Order
Two	Filling Sealing And Printing Machine With And Without Auto Liquid Detection Facility	01 No.	Two month from the date of Order
Three	Photometer with Printer and Dilutor for Bovine Semen Analysis	01 No.	Two month from the date of Order
Four	Automatic Wide Mouth Semen Straw Storage Type Liquid Nitrogen Container	01 No.	Two month from the date of Order
Five	Water Purification System	01 No.	Two month from the date of Order
Six	Heating Stage (Glass) for Microscope for Nikon E 200	03 No.	Two month from the date of Order
Seven	Artificial Insemination Gun	1000 No.	Two month from the date of Order
Eight	Brucella Disease Diagnostic Kit	4 Kit	Two month from the date of Order
Nine	Electro Fusion and Electroporation Machine for Cloning	01 No.	Two month from the date of Order
Ten	Equipment and Consumables Items for ET And IVF	Variable	Two month from the date of Order

Address of Consignee:

1. Addl. Manager (EBRTC)/ In-Charge, IVF, Embryo Bio Technology Research and Training Center, Animal Breeding Farm, Kalsi, Dehradun, Uttarakhand, India
2. Addl. Manager (Lab), Deep Frozen Semen Production Center, Shyampur, Rishikesh, Dehradun, Uttarakhand, India
3. Addl. Manager (DFSPC), Deep Frozen Semen Production Center, Shyampur, Rishikesh, Dehradun, Uttarakhand, India

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 NO.: ONE PART A TO E:**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	Qty. (No.)
i.	Semen Storage Type Non Pressurized LN2 Container	1.5-1.75 liter	500
ii.	Semen Storage Type Non Pressurized LN2 Container	20 liter	500
iii.	Semen Storage Type Non Pressurized LN2 Container	35 liter	50
iv.	Semen Storage Type Non Pressurized LN2 Container	47 liter	50
v.	LN2 Transportation Type Non– Pressurized Container	50 liter	50

Following tolerance in the capacity of containers shall be acceptable :

S. No.	Type of Containers & capacity	Minimum	Maximum
i	1.5-1.75 liter Semen Storage Type Non Pressurized LN2 Container	1.5 liter	1.75 liter
ii.	20 liters Semen Storage Type Non Pressurized LN2 Container	20 liter	22 liter
iii.	35 liters Semen Storage Type Non Pressurized LN2 Container	32 liter	36 liter
iv.	47 liters Semen Storage Type Non Pressurized LN2 Container	46 liter	48 liter
v.	50 liters LN2 Transportation Type Non– Pressurized Container	50 liter	55 liter

MATERIAL OF CONSTRUCTION

1. For the 1.5-1.75, 20, 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 1.5-1.75, 20, 35 & 47 liter capacity. The top lid for 50 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	01.5-1.75 Liter	20 Liter	35 Liter	47 Liter	50 Liter
i.	Number of Canister	No.	3 to 5	6	6	11	-
ii.	Outer Diameter	mm.	17-25	35-38	35-38	70-74	-
iii.	Height	mm.	120	120	120	280	-
iv.	Straw Holding Capacity 0.25 ml Straw	No.	150 or above	1560	1560	More than 17000	-

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

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

4. **RUBBER PROTECTION RING:** 20, 35, 47 & 50 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.**
5. **CONTAINER PROTECTION JACKET:** The 1.5-1.75 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.**

7. 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.

8. 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.

9. 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.

10. PACKING:

- i. 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 Two month from the date of Order.

Note: The quoted rate will be valid for one Year and ULDB will place Order in Part as per demand.

QUESTIONNAIRE TO BE FILLED BY THE BIDDERS**Information to be given for all types of LN2 containers quoted: [1.5-1.75 liter; 20 liter; 35 liter; 47 liter & 50 liter]**

- 1 Name/ Manufacturer's Name
- 2 Model No.
- 3 Ref. of Standard/ Code followed in Selection of Material
 - i.
 - 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				
			1.5-1.75 liter	20 liter	35 liter	47 liter	55 liter
1.	Capacity	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.: TWO:**TECHNICAL SPECIFICATION OF FILLING SEALING AND PRINTING MACHINE WITH AND WITHOUT AUTO LIQUID DETECTION FACILITY:**

[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.

Technical Features

- Should Fill, Seal and Print more than 12,500 Straws (0.25 ml) per hour 4 Straws at a time.
- Should be with facility for automatic detection of liquid for proper filling up to the plug.
 - Automatic detection of moistened cotton plug during filling & Sealing of fluorescent straws – ensures no unfilled/ partial filled straws.
 - Automatic detection can also be turned off to use normal French Mini/Low absorption Straws.
- Software should be with GO / NO GO (Optional) facility to prevent mixing of two ejaculates.
- Should be with supervision software (Optional)
- Should have On-board USB camera for viewing live filling and remote maintenance.
- Should have LED color status system to ensure proper functioning.
- Should have clear and unobstructed view of the filling/vacuum stations.
- Should have an unobstructed view of the hopper so that user can see if even 1 straw is still in the tracks.
- Should be compatible to Software for Management Integrated Laboratory Environment System (eSMILE) and SSMS (Semen Station Monitoring System)
- Should be Integral with Ink-Jet printer.
- Entire machine should work low voltage (24 V DC).
- Should be with sequential priming facility to minimize partially filled straws upon start.
- Should be with 4 -> 1 at end of each cycle.
- Should be with 1X1, 2X2 and 4X4 operation facility.
- Should be “end of liquid detection” alert before converting to 4 -> 1
- Should be with easy 3-button operation.
- Should be with cover-free stations for quick engaging and disengaging of needles.
- Should be with automatic vacuum adjustments facility.
- Should be with magnetic covers quick disconnect.
- Should have with easy tool-free removal facility.
- Should be with settings access/change through on-board touch screen.
- Should be with remote maintenance facility (with supervision PC and Internet)
- Should have the option of using disposable or non-disposable filling needles
- Should have emergency dual pump connection
- Should have an SD card slot to be able to upload future software release without maintenance help
- Should have straws in a distributing box to prevent touching, added speed and keeping straw integrity

General Features

- Should be with speed of 12500 straws (0.25 ml) / Hour depending on fluid filled.
- Should be designed with ergonomist
- Should have easy straw loading facility.
- Should be with compact size
- Lowest noise level
- With New Windows 10 interface

The Equipment must be quoted with one-year warranty including installation. The concern should have experience of installing successfully at least (05) Five same systems in CMU Graded Semen Labs in India, for which necessary documents must be attached. The satisfactory working report from the user also to be attached. The Supplier should have proven service support history and for same past record and present setup should be provided.

Warranty: 2 Years.

Must provide catalogue number of all parts as above.

Address of Consignee:

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

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

Note: The quoted rate will be valid for one Year and ULDB will place Order as per availability of Budget.

Quote for only one model in accordance to the specification desired, technical bid with multiple options shall be summarily rejected.

SCHEDULE NO.: THREE:**TECHNICAL SPECIFICATION OF PHOTOMETER WITH PRINTER AND DILUTOR FOR BOVINE SEMEN ANALYSIS:**

[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.

Photometer with Diluter and Printer is required to determine the Density/Concentration of Bovine Semen. The Equipment should be pre calibrated /Standardized for the calculation of Dilution rate and number of doses to be prepared can be immediately ascertained and a printable record can be maintained for future use. The equipment offered conform to the following technical Specifications:

- Factory Pre-Calibrated with Quadratic Equation.
- Equipped with didymium filter and self calibrate its wavelength each time it is turned ON.
- Should perform an auto test of all optics and electronics upon each boot up sequence with systematic printout with date and time.
- Waterproof Keyboard resistant to aggressive compound and products.
- Permanent real time display of absorbance and wavelength.
- Concentration & Simultaneous display of concentration and absorption.
- Concentration Calculation – Absorption, concentration, extender volume to be added and number of doses to be prepared should be calculated, displayed and printed with sample number, date & time.
- Photometer should perform minimum 20 readings per sample and calculate the average result.
- The result should be expressed according to a second-degree regression curve, making the concentration readings more accurate in comparison to a first-degree equation, which has the tendency to under estimate low concentrations and over estimate high concentrations.
- Provision of use of calibrated filters to test the repeatability of the unit. Mean, Average, and variance of 4 measurements should be calculated for each filter.
- Should have integrated program, which calculates & displays required volume of extender to be added and the number of straws that can be produced per ejaculate (for medium or mini straws) according to the concentration of spermatozoa you want in each straw.
- Should have an option to take print results with Sample Number, Date & time
- Easy tubing installation, easy cleaning system by an adapted program.
- Photometer should have also equipped with a RS232 interface for use of thermal printer or be connected with computer.
- Should be compatible to Software for Management Integrated Laboratory Environment System (SMILE/eSMILE) and SSMS (Semen Station Monitoring System)
- Memory – Minimum 50 Performance test memories
- Band Pass - < 10 nm (Nanometer)
- Accuracy – ± 1.5 nm
- Repeatability - ± 1 nm
- Photometric range - 400 to 700 nm
- Power Supply-Adaptable to use 230-250V/50Hz AC power supply.

Diluter offered conform to the following technical Specifications:

- The Diluter should be capable of creating more than 20 adapted and personalized programs.
- The diluter should be supplied with precision liquid processor for diluting, dispensing of liquid sample with high performances, making it accurate and reliable.
- Should be with Single Syringe and to be able to dispense Diluent and semen with the same.
- The diluter should be able to perform accurate and precise liquid handling and automatic dilutions, up to 1/250000 and also able to dispense up to 50ml per cycle.
- Easy tubing installation, easy cleaning system by an adapted program.
- Should be with arm/adaptor for easy dispense liquid.
- Should be with Foot Switch for easy / convenient and hands free use.

Syringe Pump Specification:

Accuracy	: $\pm 1\%$
Precision	: $\pm 0.2\%$
Power Rating	: 24 VDC, 2.5A
Dimensions	: 7 x 5.5 x 10.5 inch(177.8 x 139.7 x 266.7 mm)
Weight	: 13 lbs (5.9 kg)

Controller Fetures:

- * Touch Screen
- * Screen tilts for viewing comfort
- * Advance SD card
- * Ethernet

Technical Specification of controller:

Screen Size	: 5.7 inch (15 cm diagonal)
Screen Resolution	: 640(H) x 480(V) pixels
Tilts Positions	: 5 positions from 90° to flat
Mounting Options	: On top of the Syringe pump, Bench Top, or Wall mount
Weight	: 1.9lbs(0.86 kg)

The Equipment must be quoted with all additional software's including onsite training & installation. The concern should have experience of installing successfully at least (10) Ten such systems in CMU Graded Semen Labs in India, for which necessary documents must be attached. The satisfactory working report from the user also to be attached. The supplier should have their service and training center in India to provide after sales services and all relevant details should be provided in tender.

Warranty: 2 Years.

Must provide catalogue number of all parts as above.

Address of Consignee:

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

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

Note: The quoted rate will be valid for one Year and ULDB will place Order as per availability of Budget.

Quote for only one model in accordance to the specification desired, technical bid with multiple options shall be summarily rejected.

SCHEDULE NO.: FOUR:

TECHNICAL SPECIFICATION OF AUTOMATIC WIDE MOUTH SEMEN STRAW STORAGE TYPE LIQUID NITROGEN CONTAINER:

[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.

- Wide Mouth LN2 Container made of Stainless Steel of approximate 200 Ltrs capacity.
- Should have capacity to store more than 1.80 Lakh straws of 0.25 ml (with Canisters)
- Should have option with inventory software for easy access of doses.
- Neck Diameter not more than 540 mm
- Static Holding Time: Minimum 30 Days
- Internal Diameter: Approx. 540 mm
- Empty Weight: Not more than 170 kg
- Total Weight (including samples): Not more than 330 kg
- Total Height: Max. 1350 mm; Access height 1205 mm
- Daily evaporation rate should be less than 7 Ltr./day .
- Should be with lock option from unauthorized access of doses.
- Should be with Temp. Indicator, low temperature alarm, level Indicator, Low level alarm indicator.
- Should have auto LN2 filling system with an insulated pipe for transfer of liquid nitrogen from Silo installed outside the Laboratory to the Container (Maximum 5 meter length).
- Should have option for Interface for remote monitoring.
- Heavy-duty casters to provide mobility within the lab.

The bidders must have experience of installing successfully at least (04) four similar systems in CMU Graded Semen Labs in India, for which necessary documents along with satisfactory working report from the users must be submitted along with Technical Bid. The bidder must have proven service support history and document supporting past record and present setup must be submitted along with Technical Bid.

Warranty: 2 Years.

Must provide catalogue number of all parts as above.

Address of Consignee:

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

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

Note: The quoted rate will be valid for one Year and ULDB will place Order as per availability of Budget.

Quote for only one model in accordance to the specification desired, technical bid with multiple options shall be summarily rejected.

SCHEDULE NO.: FIVE:

TECHNICAL SPECIFICATION OF WATER PURIFICATION SYSTEM:

[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.

System should provide both Type 1 and Type 2 water. The system should be designed to handle hard water conditions having feed water Conductivity up to 2000 micro S/cm, Free chlorine- 0.5 ppm & Fouling Index up to 1000 or better.

Prefiltration unit- 5 and 1 micron filter and pump.- must provide 5 and 1 micron – 06 numbers each filter extra to be provided. Should have inbuilt Booster pump to maintain feed pressure of system.

Type 2 water system -1st stage water system for RO EDI Type 2 water laboratory applications that can feed to type 1 water system.

Pre-treatment cartridge with activated carbon, 0.5 micron filter followed by 0.1 micron filter and anti-scaling agent to enhance the life of downstream RO cartridge. Reverse osmosis should be able to reject 95-99% of ions and organics with conductivity meter of RO cartridge.

- RO should have technology to minimize the RO waste water by partial recirculation.
- Self-regenerating electro-deionization module (EDI) to eliminate the requirement of frequent replacement of DI cartridge and EDI have carbon bead at cathode to eliminate the requirement of any softener cartridge or should have Ion exchange resins to avoid scaling.
- Water quality: Flow rate: 3 L/hr, Type 2 water (Ions organics removal up to 99%, Resistivity: >5-15 Mohm.cm, TOC < 30 ppb)
- Type 2 water Reservoir minimum 30 Litres with auto cut-off Tank level sensor.
- System must have communication port and mechanism through which assembly is connected through any PC/Laptop to download the history of 6 months, to control the system Remotely through Net or LAN cable, we can see the complete schematic on single window of PC/Laptop as and when needed by our lab and System must have inbuilt system for data on total throughput of the cartridge online.
- Display: Water quality after every purification step (Feed water, RO feed water, RO product water, EDI Product water); Tank Level; Alarm and alert on water quality, No feed water alarm etc.

2nd stage system for Type 1 water :-

- Ultrapure water machine producing water of: -
Resistivity: 18.2 MΩ.cm at 25 °C, TOC < 5 ppb (µg/L), Bacteria < 0.1 CFU/mL. Automatic recirculation feature.
- The polishing cartridge should contain mixture of activated carbon and mixed ion exchange beads to reduce Ionic and organic level. One extra cartridge to be provided.
- System must have inbuilt dual wavelength UV Lamp to minimize TOC & Macrobacteria.
- System must have accurate online Resistivity (temperature compensated and nor compensated) for the dispensing water on system display.
- System must have easy water delivery: Manual or Volumetric water delivery.
- System should be delivered with a certified 0.22 micro m final filter. One extra 0.22 micro m final filter to be provided.
- One extra polishing cartridge to be provided.
- To guarantee compliance with minimum laboratory safety requirements, and to ensure that the water purification system meets internationally-recognized safety norms, the Both the Type 1 & 2 water purification system shall be listed with Underwriters Laboratories (both UL and ULC), and will carry the CE mark, indicating compliance with EC Directives.
- Both the polishing cartridge and final filter must be supplied with Quality certificate from the OEM.
- The bidder must submit Performance Certificate from any organizations for provision of Services in time.

Warranty: 2 Years.

Must provide catalogue number of all parts as above.

Address of Consignee:

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

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

Note: The quoted rate will be valid for one Year and ULDB will place Order as per availability of Budget.

Quote for only one model in accordance to the specification desired, technical bid with multiple options shall be summarily rejected.

SCHEDULE NO.: SIX:

TECHNICAL SPECIFICATION OF HEATING STAGE (GLASS) FOR MICROSCOPE FOR NIKON E 200:

[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.

Design Requirements

- For warming of slides under the microscope
- Stage made of glass and should be able to fit into Nikon E-200 Microscopes installed at Deep Frozen Semen Production Laboratory, Shyampur, Rishikesh.
- Maintain steady temperature of 37 degree centigrade (temperature range of 10-50 degree centigrade)
- Approx. size: 11.5 cm(excluding attachment part) x 14 cm. Must be compatible for
- Have to calibrate temperature and provide calibration certificate every six month for 2 years.
- AMC (repair and maintenance) for two years for both Control Unit and Heating Stage.

Warranty: 02 years warranty for Control Unit and Heating Stage including cracks in Heating Stage.

Must provide catalogue number of all parts as above.

Address of Consignee:

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

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

Note: The quoted rate will be valid for one Year and ULDB will place Order as per availability of Budget.

Quote for only one model in accordance to the specification desired, technical bid with multiple options shall be summarily rejected.

SCHEDULE NO.: SEVEN: Sample to be submitted with the bid**TECHNICAL SPECIFICATION OF ARTIFICIAL INSEMINATION GUN:**

[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.

S. No.	Parameter	Requirement
1	Type	AI Gun for Mini Straw with Container
2	Compatibility	Suitable for 0.25 ml Straw for Split & Un Split Sheaths
3	Sheath Locking System	Special Design to Lock Split or Un Split Sheaths
4	ISO Certification	Manufactured under ISO 9001:2000 Standard or Above
5	Length of Gun	Total Length of Gun = 444-464 mm Length of Gun without mandarin/ stylet= 436-458
6	Diameter	Diameter Internal= 1.60-2.20 mm Diameter External= 3.40-3.65 mm
7	Composition of Gun, Adherence	Stainless Type 304 H with 0.04 to 0.08% carbon (certificate issued by competent laboratory to be submitted in Technical Bid failing which bid is considered as Non Responsive)
8	Physical Quality	Rust proof, even after sterilization at high temperature

Only One Type of Sample of the item must be submitted along with the Technical Bid.

Warranty: 02 years warranty.

Address of Consignee:

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

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

Note: The quoted rate will be valid for one Year and ULDB will place Order as per availability of Budget.

Quote for only one model in accordance to the specification desired, technical bid with multiple options shall be summarily rejected.

SCHEDULE NO.: EIGHT:**TECHNICAL SPECIFICATION OF DISEASE DETECTION KIT FOR BRUCELLA:**

[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.

Schedule/ Part No.	Diseases	Quantity
Eight	Brucella: Competitive ELISA Kit Make APHA/ INgezim for 1600 Animal Testing	1 Set

Warranty: 02 years warranty.

Address of Consignee: Addl. Manager (EBRTC)/ In-Charge, IVF, Embryo Bio Technology Research and Training Center, Animal Breeding Farm, Kalsi, Dehradun, Uttarakhand

Deliver Schedule: The rate will be valid for one year and ULDB will place order as per requirement. The delivery will be done within Two month from the date of Order.

Quote for only one model in accordance to the specification desired, technical bid with multiple options shall be summarily rejected.

SCHEDULE NO.: NINE:**TECHNICAL SPECIFICATION OF ELECTROFUSION AND ELECTROPORATION MACHINE FOR CLONING:**

[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.

Electrofusion and Electroporation square wave generator machine that is to be used for embryo manipulation and clone embryo production . Should have minimum of 6 inch colour touch screen graphical display. Should have USB port for data transfer. Equipment should hold more than 100 programs. Pre-Pulse Sample Load Check should be available with DC Arc control.

Equipment must have system and all accessories for both Electrofusion and Electroporation for oocytes , embryos and other cell lines with foot swith for hands free operation.

To provide Connection Cables for connecting machine with electrodes. To provide two sets of sets of Connecting cables.

To provide Microslides with Fusion Chamber for elctrofusion of cells as below

1. 0.5mm gap Microslides (20 nos)

2. 1.0mm gap Microslides (50 nos)
3. 3.2 mm gap Microslide – 01 no
4. Divergent Field microslide- 01 Slide

To provide electrodes with electrode adaptor to connect electrodes for electrofusion.

Flat Electrode / Divergent Field electrode

To provide electroporation / safety stand adaptor for electroporation.

To provide Cuvettes 2 mm and 4 mm: 50 Each.

Cuvette Rack -01

Foot Switch for Hands free operation -02 numbers

Microrgrabber Adaptor cable: 02 numbers

Banana cable: 02 numbers

AC alignment: Sine wave Pre and Post fusion Pulsing features as below

Frequency	Variable 0.2 to 2 MHz in 0.1 MHz Step
Voltage	Variable 5 -75 V with 5 V step
Duration	0-99 second with one second step
Post fusion AC amplitude	Variable 5 to 75 V with 5 V step
Switch over time from AC to DC	30 millisecond from switching Ac to DC

DC Pulse Parameters (Fusion and Electroporation)

High Voltage Mode (HV mode)	
Voltage	505 to 3000 V in 1 volt step
Pulse Length	10-600 μ sec in 1 μ sec step
Low Voltage Mode (LV mode)	
Voltage	5 to 500 V in 1 V step
Pulse Length required	10 to 999 μ sec in 1 μ sec step and 1 to 999 millisecond in 1 millisecond step.
Number of Pulses	1-99
Pulse Interval	0.1 sec to 10 Seconds

Sample Load Ranges All AC Voltages Load must be $\geq 60 \Omega$, DC LV Mode Pulse Length 8 to 9 Ω , Pulse Length > 100 ms, Load Must be $> 100 \Omega$, DC HV Mode Load must be $\geq 40 \Omega$

Supplier to make user based programs in the lab during instillation for embryo manipulation and other cells as required in the lab. Should have pre programs present for various species including Cattle, Buffalo etc.

Provide adequate training for at least 2 days with 3 to 4 hrs working each day.

Regulatory certification-Should comply with CE/UL/ETL/RoHS/FCC.

Must provide emergency service with in 3 days of break done. Must give routine two service yearly.

Supplier will upgrade all softwares during warranty period.

Should be fitted to Indian Electric system.

Warranty: Manufacturer Warranty of 03 years.

Address of Consignee: Addl. Manager (EBRTC)/ In-Charge, IVF, Embryo Bio Technology Research and Training Center, Animal Breeding Farm, Kalsi, Dehradun, Uttarakhand

Deliver Schedule: The rate will be valid for one year and ULDB will place order as per requirement. The delivery will be done within Two month from the date of Order.

Quote for only one model in accordance to the specification desired, technical bid with multiple options shall be summarily rejected.

SCHEDULE NO.: TEN:

TECHNICAL SPECIFICATION OF EQUIPMENT AND CONSUMABLES ITEMS FOR ET AND IVF:

[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.

Part No.	Product	Technical Specification	Qty.
A	Dry Bath Block for 16 mm tube and Dry Bath Block for 2 ml tube	Dry Bath Blocks for 16 mm tube :Should accommodate tubes with outer diameter 16 mm, places required- 12, should be made of stainless steel material. abd Dry Bath Blocks for 2 ml tube: Should accommodate 2 ml tubes, places required- 24, should be made of stainless steel material.	1 Block Each
B	Ice Flaking Machine	Ice flaking machine for making ice for preparing PCR and qPCR. Should have capacity of 30 kg, should made of stainless steel, should have	1 Unit

		automatic microprocessor control, CFC free compressor, low water level indication, noiseless operation, overload protection, compact design and low maintenance, should make continuous ice flakes output and should be provided with a scoop for taking out ice.	
C	Solo Microwave Oven	Microwave Oven for making gel etc. should have timer, cavity material should be ceramic enamel and anti bacterial and scratch resistant. Power requirement and consumption should be AC 230 V, 50 Hz & Microwave 1150 W respectively. Required width, height and depth- 48.9/27.5/37.4 cm. Required cavity width, height and depth- 33/21.1/32.4 cm	1 Unit
D	4-Well Dishes	TC- treated 4-well IVF dish, made by polystyrene, sterile, certified non embryotoxic, nonpyrogenic, non cytotoxic, CE-marked to the medical device directive 93/42/EEC, FDA cleared, MEA-tested, imported, individually wrapped . NUNC	1000 No.

Must provide catalogue number of all parts as above.

Warranty: 02 years warranty.

Address of Consignee: Deputy Manager (EBRTC)/ In-Charge, IVF, Embryo Bio Technology Research and Training Center, Animal Breeding Farm, Kalsi, Dehradun, Uttarakhand

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

Quote for only one model in accordance to the specification desired, technical bid with multiple options shall be summarily rejected.

Note: Quoted Rates will be valid for One Year Duration and ULDB will place Order after receipt of fund from GoI.

SECTION VI-A : QUALIFICATION CRITERIA**SCHEDULE NO. ONE PART A to E:**

Offered Containers must **conform to BIS and ISO Certification Standards**. The bidder should have previous experience of supplying items of similar specification. The bidders are required to submit necessary documents in support of having the aforementioned certification and experience including all other documents (as per checklist) in the Technical Bid.

SCHEDULE NO. TWO:

The bidder should have experience of installing successfully at least (05) Five same systems in CMU Graded Semen Labs in India. The Supplier should have proven service support history and for same past record and present setup should be provided in Technical Bid. The satisfactory working report from the user also to be submitted in Technical Bid. The bidders are required to submit necessary documents in support of having the aforementioned requirement and experience including all other documents (as per checklist) in the Technical Bid.

SCHEDULE NO. THREE:

The bidder should have experience of installing successfully at least 10 (Ten) same systems in CMU Graded Semen Labs in India. The Supplier should have proven service support history and for same past record and present setup should be provided in Technical Bid. The satisfactory working report from the user also to be submitted in Technical Bid. The bidders are required to submit necessary documents in support of having the aforementioned requirement and experience including all other documents (as per checklist) in the Technical Bid.

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

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

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

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

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

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

SCHEDULE NO. TEN: The bidder should have previous experience of supplying items of similar specification. The bidders are therefore required to submit necessary documents in support of having the aforementioned 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)****Bid Reference No.: 3268/ULDB/PROC./Vol.XVI ETT--IV/2020-21****Date:****Dated: 26th February 2021**

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.: 3268/ULDB/PROC./Vol.XVI ETT-IV/2020-21 Dated 26th February 2021 including Addenda Nos.[insert numbers], the receipt of which is hereby duly acknowledged, we the undersigned, will abide all the terms and conditions as specified in the bidding document and offer to supply and deliver..... (*Description of Goods and Services*) in conformity with the said bidding document.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the bidding document.

If our bid is accepted, we will submit DD/ FDR/ Banker's Cheque / Bank Guarantee/ Pay Order of a bank in a sum equivalent to percent of the total Contract Price for the due performance of the Contract, in the form as prescribed by the Purchaser.

We agree to abide by this bid for the Bid validity period specified in ITB Clause 14 and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India.

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 per the bidding document.

We, as an authorized representative(s) of company/ Firm, declare that our Company/ Firm has an unblemished record and is not declared ineligible for corrupt & fraudulent practices, is not blacklisted either indefinitely or for a particular period of time, nor has had work withdrawn, by any State/ Central Government/ PSU.

Dated this day of.....20.....

Name & Seal of Signing Authority

*(signature)**(in the capacity of)*

Duly authorized to sign Bid for and on behalf of

SECTION – VIII**BID SECURITY FORM**

(Proforma of Bid Security to be submitted in ₹100.00 Non judicial stamp paper)

Where¹(hereinafter called "the Bidder") has submitted its bid dated (date of submission of bid) for the supply of (name and/or description of the goods) (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE (name of bank) of (name of country), having our registered office at (address of bank) (hereinafter called "the Bank"), are bound unto..... (name of Purchaser) (hereinafter called "the Purchaser") in the sum of for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this day of20.....

THE CONDITIONS of this obligation are:

1. If the Bidder
 - (a) withdraws its Bid during the period of bid validity specified by the Bidder on the Declaration ; or
 - (b) does not accept the correction of errors in accordance with the ITB; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity:
 - (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;

we undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including Ninety Days (90) days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

.....
(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 AGREEMENT made theday of....., 20.... Between (*Name of purchaser*) of (*Country of Purchaser*) (hereinafter "the Purchaser") of the one part and(*Name of Supplier*) of(*City and Country of Supplier*) (hereinafter called "the Supplier") of the other part :

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz.,(*Brief Description of Goods and Services*) and has accepted a bid by the Supplier for the supply of those goods.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Purchaser's Notification of Award;
 - (b) the Schedule of Requirement;
 - (c) the Technical Specification;
 - (d) the General Conditions of Contract and
 - (e) the Special Conditions of Contract
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS where of the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, SealedFor and on behalf of Purchaser (one part)Supplier (other part)**in the presence of**

1.

1.

2.

2.

on behalf of one part**On behalf of other part**

SECTION – X

PERFORMANCE SECURITY FORM FOR BANK GUARANTEE

To: _____ (Name of Purchaser)

WHEREAS (Name of Supplier)
hereinafter called "the Supplier" has undertaken, in pursuance of Contract
No.....dated,.....20..... to supply
.....(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of.....(Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of(Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid unit theday of.....20.....

Signature and Seal of Guarantors

.....
.....

Date.....20.....

Address:

.....
.....

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

Bid Reference No.: 3268/ULDB/PROC./Vol.XVI ETT-IV/2020-21 **Dated:** 26th February 2021 **Date of opening of Technical 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 completion of delivery		Remarks indicating reasons for late delivery, if any	Has the equipment/ Services been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee)
				As per contract	Actual		

Signature and seal of the Bidder

SECTION – XII

MANUFACTURERS' AUTHORIZATION FORM

Letter No..... dated

To

.....
.....
.....

Dear Sir:

Bid Reference No.: 3268/ULDB/PROC./Vol.XVI ETT-IV/2020-21

Dated: 26th February 2021

We who are established and reputable manufacturers/ producers of (*name and description of goods offered*) having factories at (*address of factory*) do hereby authorize M/s. (Name and address of Agent) to submit a bid, and sign the contract with you for the goods manufactured/ produced by us against the above IFB.

No company or firm or individual other than M/s. are authorized to bid, and conclude the contract for the above goods manufactured/ produced by us, against this specific IFB.

We hereby extend our full guarantee and warranty as Clause 15 of the General Conditions of Contract and Clause 10 of the Special Conditions of Contract for the goods and services offered for supply by the above firm against this IFB.

Yours faithfully,

(Signature)
(Name of manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacture. It should be included by the Bidder in its bid.

SECTION XIII**PROFORMA FOR EQUIPMENT AND QUALITY CONTROL EMPLOYED BY THE MANUFACTURER/
PRODUCER****Bid Reference No.:** -IVVI ETT-IVF/2020-21**Dated:** February 2021

Date of Opening.....

Name of Bidder:

(Note: All details should relate to the manufacturer for the items offered for supply)

1. Name & full address of the manufacturer
2. (a) Telephone & Fax No
(b) Telex No. Office/Factory/Works
(c) Telegraphic address: Office/Factory/Works
3. Location of the manufacturing/ production factory
4. Details of Industrial License, wherever required as per statutory regulations.
5. Details of important Plant & Machinery functioning in each dept. (Monographs & description pamphlets be supplied if available).
6. Details of the process of manufacture in the factory.
7. Details & stocks of raw materials held.
8. Production capacity of item(s) quoted for, with the existing Plant & Machinery
 - 8.1 Normal
 - 8.2 Maximum
9. Details of arrangement for quality control of products such as laboratory, testing equipment etc.
10. Details of staff
 - 10.1 Details of technical supervisory staff in charge of production & quality control.
 - 10.2 Skilled labour employed
 - 10.3 Unskilled labour employed
 - 10.4 Maximum No. of workers (skilled & unskilled) employed on any day during the 18 months preceding the date of Tender.
11. Whether goods are tested to any standard specification? If so, copies of original test certificates should be submitted in triplicate.
12. Are you registered with the Directorate General of Supplies and Disposals, New Delhi, India?
If so, furnish full particulars of registration, period of currency etc. with a copy of the certificate of registration.

(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 GST Return Filing Statement	
6	Summary of Latest Audited Balance Sheet	
7	Documentary proof of BIS &/or ISO certification or any other relevant document	
8	Technical Details of the items conforming to the bid along with Catalogues/ Brochures etc.	
9	Sample where ever required	
10	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	