



NAHEP



National Agricultural Higher Education Project – CAAST
CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur-176062

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NATIONAL COMPETITIVE BIDDING FOR
(One-Envelope Bidding Process without e-Procurement)
PHYTOTRON COMPRISING FIVE WALK IN PLANT GROWTH CHAMBERS,
CULTURE ROOM, ELECTRICITY BACKUP

BID REFERENCE : IN-CSK-HPKV-PALAMPUR –
141698-GO-RFQ

DATE OF COMMENCEMENT OF
SALE OF BIDDING DOCUMENT : 01/09/2020 from 10:00AM onwards

LAST DATE FOR SALE OF
BIDDING DOCUMENT : 03/10/2020

LAST DATE AND TIME FOR
RECEIPT OF BIDS : 04/10/2020 Up to 2:30PM

TIME AND DATE OF OPENING
OF BIDS : 04/10/2020 at 3:00PM

PLACE OF OPENING OF BIDS : Office of Principal Investigator,
CAAST, NAHEP, College of Basic
Sci., CSKHPKV, Palampur

OFFICER INVITING BIDS - Principal Investigator, CAAST,
NAHEP, CSKHPKV, Palampur

ADDRESS FOR
COMMUNICATION

: Dr. Ranbir Singh Rana,
Principal Investigator-CAAST,
NAHEP, CSKHPKV, Palampur-
176062

District: Kangra

Teh: Palampur

Phone 9418106167 & 9418103265

Email: ranars66@rediffmail.com

parveens012@gmail.com

SECTION I: INVITATION FOR BIDS (IFB)

NATIONAL COMPETITIVE BIDDING FOR
(One-Envelope Bidding Process without e-Procurement)
THE SUPPLY OF HIGH -TECH PLANTING MATERIAL
PRODUCTION UNIT

INVITATION FOR BIDS (IFB)

Date : 01/09/2020

Loan No. : 87760

IFB No. : IN-CSK-HPKV-PALAMPUR – 141698-GO-RFQ

1. The Government of India has received financing from the World Bank towards the cost of National Agricultural Higher Education Project (NAHEP) and it is intended that part of the proceeds will be applied to eligible payments under the contract for which this Invitation for Bids is issued.
2. The Principal Investigator, CAAST-NAHEP-CSKHPKV, Palampur (*Purchaser*) now invites sealed bids from eligible bidders for supply of

S.No.	Quantity	Description	Location	Delivery Period
1.	One No.	Phytotron comprising five walk in plant growth chambers, culture room, electricity backup (specifications at No.3)	CHAUDHARY SHARWAN KUMAR HIMACHAL PRADESH KRISHI VISHVAVIDYALAYA, PALAMPUR, College of Agriculture, Department of Vegetable Science and Floriculture Farm -176062	60 days

3. Bidding will be conducted through the National Competitive Bidding (NCB) procedures agreed with World Bank. The bidding is open to all eligible bidders as defined in the Bank's Procurement Guidelines. In addition, please refer to paragraphs 1.6 and 1.7 of the Guidelines setting forth the World Bank's policy on conflict of interest.
4. A complete set of bidding documents (**in English**) may be downloaded by any interested eligible bidder from the website www.hillagric.ac.in, starting 01/09/2020 10:00AM onwards, upon submission of a non-refundable fee of Rs. 3000/- along with the bid. The method of payment will be by Demand Draft in favour of "Comptroller, CSKHPKV, Palampur", payable at SBI, HPAU, Palampur. *(In cases where the bidding documents are allowed to be downloaded from website, whether the bidding*

documents are allowed to be freely downloaded from website or whether payment towards the cost of bid documents should accompany the bid submission, if it is not issued free, should be specified clearly. In all such cases, the bidder would be responsible for ensuring that any addenda available on the website is also downloaded and incorporated.)

6. Bidding document requested by mail will be dispatched by courier/speed post on payment of under mentioned postal charges. The Principal Investigator, CAAST-NAHEP will not be held responsible for the postal delay, if any, in the delivery of documents or non-receipt of the same.

- | | | |
|-----|--|---|
| (a) | Price of bidding document (non-refundable) | : Rs. 3,000/- |
| (b) | Postal charges, inland | : Rs. 500 |
| (c) | Postal charges, overseas | : US \$ 50 |
| (d) | Date of commencement of sale of bidding document | : 01/09/2020 from 10:00AM onwards |
| (e) | Last date for sale of bidding document | : 03/10/2020 Upto 5:00PM |
| (f) | Last date and time for receipt of bids | : 04/10/2020 Upto 2:30PM |
| (g) | Time and date of opening of bids | : 04/10/2020 at 3:00PM |
| (h) | Place of opening of bids | : Office of Principal Investigator, CAAST, NAHEP, College of Basic Sci., CSKHPKV, Palampur |
| (i) | Address for Communication | Dr. Ranbir Singh Rana,
Principal Investigator-CAAST, NAHEP,
Centre for Geo. Informatics Research &
Training, College of Basic
Sciences, CSKHPKV, Palampur,
Teh: Palampur, District: Kangra – 176062
Phone 9418106167 & 9418103265 |

Email: ranars66@rediffmail.com
parveens012@gmail.com

7. All bids must be accompanied by a bid security as specified in the bid document and must be delivered to the above office at the date and time indicated above. Electronic bidding will not be permitted. Late bids will be rejected.
8. Bids will be publicly opened in the presence of Bidders' designated representatives who choose to attend at the address given above on the specified date and time.
9. In the event of the date specified for bid receipt and opening being declared as a closed holiday for the purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.

Seal of Office & Address

Dr. Ranbir Singh Rana,
Principal Investigator-CAAST, NAHEP,
Centre for Geo. Informatics Research &
Training, College of Basic
Sciences, CSKHPKV, Palampur,
Teh: Palampur, District: Kangra – 176062
Phone 9418106167 & 9418103265
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PART 1 – BIDDING PROCEDURES

SECTION I - INSTRUCTIONS TO BIDDERS [ITB]

Section I. Instructions to Bidders

A. General

- 1. Scope of Bid**
- 1.1 The Purchaser **indicated in the Bidding Data Sheet (BDS)**, issues these Bidding Documents for the supply of Goods and Related Services incidental thereto as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this National Competitive Bidding (NCB) procurement are **specified in the BDS**.
- 1.2 Throughout these Bidding Documents:
- (a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, telex, including if **specified in the BDS**, distributed or received through the electronic-procurement system used by the Employer) with proof of receipt;
- (b) if the context so requires, “singular” means “plural” and vice versa; and
- (c) “day” means calendar day.
- 2. Source of Funds**
- 2.1 The Government of India (hereinafter called “Borrower”) **specified in the BDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount **specified in BDS** toward the project **named in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which these Bidding Documents are issued.
- 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the loan (or other financing) account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the funds.

- 3. Corrupt & Fraudulent Practices**
- 3.1 The Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Section VI.
- 3.2 In further pursuance of this policy, Bidders shall permit and shall cause its agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers and to permit the Bank to inspect all accounts, records and other documents relating to the submission of the application, bid submission (in case prequalified), and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.
- 4. Eligible Bidders**
- 4.1 A Bidder may be a firm that is a private entity, or a government owned entity subject to ITB 4.5.
- 4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder:
- a. directly or indirectly controls, is controlled by or is under common control with another Bidder; or
 - b. receives or has received any direct or indirect subsidy from another Bidder; or
 - c. has the same legal representative as another Bidder; or
 - d. has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; or
 - e. participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which such Bidder is involved. However, this does not limit the inclusion of the same subcontractor in more than one bid; or
 - f. any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods/equipment that are the subject of the bid; or
 - g. any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
 - h. would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any of its affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
 - i. has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly

involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the procurement process and execution of the contract.

- 4.3 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.7. A bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed sub-contractors or sub-consultants for any part of the Contract including related Services.
- 4.4 A Bidder that has been sanctioned by the Bank in accordance with the above ITB 3.1, including in accordance with the Bank's Guidelines on Preventing and Combating Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants ("Anti-Corruption Guidelines"), shall be ineligible to be prequalified for, bid for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address **specified in the BDS**.
- 4.5 Bidders that are Government-owned enterprises or institutions in the Purchaser's Country may participate only if they can establish that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not dependent agencies of the Purchaser. To be eligible, a government-owned enterprise or institution shall establish to the Bank's satisfaction, through all relevant documents, including its Charter and other information the Bank may request, that it: (i) is a legal entity separate from the government (ii) does not currently receive substantial subsidies or budget support; (iii) operates like any commercial enterprise, and, inter alia, is not obliged to pass on its surplus to the government, can acquire rights and liabilities, borrow funds and be liable for repayment of its debts, and can be declared bankrupt; and (iv) is not bidding for a contract to be awarded by the department or agency of the government which under their applicable laws or regulations is the

reporting or supervisory authority of the enterprise or has the ability to exercise influence or control over the enterprise or institution.

- 4.6 A Bidder shall not be under suspension from bidding by the Purchaser as the result of the operation of a Bid–Securing Declaration.
- 4.7 Firms and individuals may be ineligible if so indicated in Section V and (a) as a matter of law or official regulations, the Borrower’s country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower’s country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.
- 4.8 A bidder shall provide such evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

5. Eligible Goods and Related Services

- 5.1 All the Goods and Related Services to be supplied under the Contract and financed by the Bank may have their origin in any country in accordance with Section V, Eligible Countries.
- 5.2 For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” include services such as insurance, installation, training, and initial maintenance.
- 5.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Document

6. Sections of Bidding Documents

- 6.1 The Bidding Documents consist of Parts 1, 2, and 3, which include all the Sections indicated below, and should be read in conjunction with any Addendum issued in accordance with ITB Clause 8.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Bidding Data Sheet (BDS)
- Section III. Evaluation and Qualification Criteria
- Section IV. Bidding Forms
- Section V. Eligible Countries
- Section VI Bank Policy-Corrupt and Fraudulent Practices

PART 2 Supply Requirements

- Section VII. Schedule of Requirements

PART 3 Contract

- Section VIII. General Conditions of Contract (GCC)
- Section IX. Special Conditions of Contract (SCC)
- Section X. Contract Forms

6.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Document.

6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the document, responses to requests for clarification, minutes of pre-bid meeting (if any), or Addenda to the Bidding Document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.

6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents and to furnish with its Bid all information or documentation as is required by the Bidding Documents.

7. Clarification of Bidding Documents

7.1 A prospective Bidder requiring any clarification on the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address **specified in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received no later than fifteen (15) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry

but without identifying its source. If so specified in the BDS, the Purchaser shall also promptly publish its response at the web page **identified in the BDS.***(where electronic downloading of bid document is permitted, the purchaser will upload the addenda on the website and it will be the responsibility of the bidders [who downloaded the bidding document] to search the website for any addenda).* Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clause 8 and ITB Sub-Clause 22.2.

- 8. Amendment of Bidding Documents**
- 8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.
- 8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser in accordance with ITB clause 6.3 The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.
- 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB Sub-Clause 22.2

C. Preparation of Bids

- 9. Cost of Bidding** 9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 10. Language of Bid** 10.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in English language. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into English language, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 11. Documents Comprising the Bid** 11.1 The Bid shall comprise the following:
- (a) Letter of Bid, in accordance with ITB Clause 12;
 - (b) Completed schedules, in accordance with ITB 12 and 14
 - (c) Bid Security, in accordance with ITB Clause 19.1, if required;

- (d) Alternative bids, if permissible, in accordance with ITB 13;
- (e) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 20.2;
- (f) documentary evidence in accordance with ITB Clause 17 establishing the Bidder's qualifications to perform the contract if its bid is accepted;
- (g) documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;
- (h) documentary evidence in accordance with ITB Clause 16, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
- (i) documentary evidence in accordance with ITB Clauses 16 and 30, that the Goods and Related Services conform to the Bidding Documents;
- (j) Manufacturer's authorization form; and
- (k) any other document **required in the BDS**.

11.2 The Bidder shall furnish in the Letter of Bid, information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.

12. Letter of Bid and Price Schedules

12.1 The Letter of Bid and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.2. All blank spaces shall be filled in with the information requested.

13. Alternative Bids

13.1 Unless otherwise **specified in the BDS**, alternative bids shall not be considered.

14. Bid Prices and Discounts

14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price, Schedules shall conform to the requirements specified below.

14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.

14.3 The price to be quoted in the Letter of Bid, in accordance with ITB 12.1, shall be the total price of the bid, excluding any discounts offered.

- 14.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Letter of Bid in accordance with ITB 12.1.
- 14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, **unless otherwise specified in the BDS.** A bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 29. However, if in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.
- 14.6 If so, specified in ITB 1.1, bids are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise **specified in the BDS**, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer discounts for the award of more than one Contract shall specify in their bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITB 14.4 provided the bids for all lots (contracts) are submitted and opened at the same time.
- 14.7 The terms EXW and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by The International Chamber of Commerce, **as specified in the BDS.**
- 14.8 Prices shall be quoted as specified in the Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:
- (a) **For Goods:**
- (i) the price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as

applicable), including GST as applicable payable on the finished Goods;

- (ii) any other taxes if payable in India on the Goods, if the contract is awarded to the Bidder; and
 - (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) **specified in the BDS.**
- (b) for the Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:
- (i) the price of each item comprising the Related Services (inclusive of any applicable taxes).

14.9 Deemed Export Benefits

Bidders may like to ascertain availability of tax/duty exemption benefits, if any, available for contracts financed under World Bank Credits/ Loans. They are solely responsible for obtaining such benefits, which they have considered in their bid and in case of failure to receive such benefits for reasons whatsoever, the Purchaser will not compensate the bidder.

Where the bidder has quoted taking into account such benefits, it must give all information required for issue of necessary Certificates in terms of the Government of India's relevant Notification along with its bid as perform stipulated in Section IV Bidding Forms.

If the Bidder has considered the Deemed Export Benefits in its bid, the Bidder shall confirm and certify that the Purchaser will not be required to undertake any responsibilities of the deemed export scheme or the benefits available during contract execution except issuing the required certificates. Bids which do not conform to this provision or any condition by the Bidder which makes the bid subject to availability of deemed export benefits or compensation on withdrawal of or any variations in the deemed export benefits scheme will make the bid non responsive and hence liable to rejection.

15. Currencies of Bid & Payment

15.1 The Bidder shall quote the Price in Indian Rupees only.

**16. Documents
Establishing the
Eligibility and
conformity of
the Goods and
Related
Services**

- 16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
- 16.2 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.
- 16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII Schedule of Requirements.
- 16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser.
- 16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII Schedule of Requirements.

**17. Documents
Establishing the
Eligibility
& Qualifications
of the Bidder**

- 17.1 To establish Bidder's eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.
- 17.2 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:
- (a) that the Bidder meets each of the qualification criterion Criteria specified in Section III, Evaluation and Qualification;

- (b) (i) that, if **required in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;
- (ii) Supplies for any particular item in each schedule of the bid should be from one manufacturer only. Bids from agents offering supplies from different manufacturers for the same item of the schedule in the bid will be treated as non-responsive.
- (iii) that, if **required in the BDS**, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications;
- (c) Bids from Joint Ventures are not acceptable.

**18 Period of
Validity of Bids**

- 18.1 Bids shall remain valid for the period **specified in the BDS** after the bid submission deadline date prescribed by the Purchaser in accordance with ITB 22.1. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 18.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 19, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided in ITB Sub-Clause 18.3.
- 18.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be determined as follows:
 - (a) In the case of fixed price contracts, the Contract price shall be the bid price adjusted by the factor **specified in the BDS** for each week or part of the week that has elapsed from the expiration of the initial bid validity to the date of notification of award to the successful bidder.

- (b) In the case of adjustable price contracts, no adjustment shall be made.
- (c) In any case, bid evaluation shall be based on the bid Price without taking into consideration the applicable correction from those indicated above.

19 Bid Security

- 19.1 The Bidder shall furnish as part of its bid, a Bid Security, if required, as **specified in the BDS**.
- 19.2 Not used.
- 19.3 The Bid Security shall be in the amount **specified in the BDS** and denominated in Indian Rupees or a freely convertible currency, and shall:
 - (a) at the bidder's option, be in the form of either a certified check, demand draft, letter of credit, or a bank guarantee from a Nationalized /Scheduled Bank in India, or another security specified **in the BDS**;
 - (b) be substantially in accordance with one of the forms of Bid Security included in Section IV, Bidding Forms, or other form approved by the Purchaser prior to bid submission;
 - (c) be payable promptly upon written demand by the Purchaser in case the conditions listed in ITB Clause 19.7 are invoked;
 - (d) be submitted in its original form; copies will not be accepted;
 - (e) remain valid for a period of 45 days beyond the original validity period of the bids, or beyond any period of extension of bid validity, if so requested under ITB Clause 18.2.
- 19.4 If a Bid Security is required in accordance with ITB Sub-Clause 19.1, any bid not accompanied by a substantially responsive Bid Security shall be rejected by the Purchaser as non-responsive.
- 19.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the contract and furnishing the Performance Security pursuant to ITB Clause 42.

19.6 The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the contract and furnished the required performance security.

19.7 The Bid Security may be forfeited:

- (a) if a Bidder (i) withdraws its bid during the period of bid validity specified by the Bidder in the Letter of Bid, except as provided in ITB Sub-Clause 18.2; or (ii) does not accept the correction of errors in pursuant to ITB 31,
- or (b) if the successful Bidder fails to: sign the Contract in accordance with ITB Clause 41; or (ii) furnish a Performance Security in accordance with ITB Clause 42.

19.8 Not used.

19.9 If a bid security is **not required in the BDS**, and

- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letter of Bid Form, except as provided in ITB 18.2, or does not accept the correction of errors pursuant to ITB 31; or
- (b) if the successful Bidder fails to sign the Contract in accordance with ITB 41; or furnish a performance security in accordance with ITB 42;

the Borrower may, **if provided for in the BDS**, declare the Bidder ineligible to be awarded a contract by the Purchaser for a period of time **as stated in the BDS**.

20 Format and Signing of Bid

20.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB Clause 11 and clearly mark it "ORIGINAL." Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked "ALTERNATIVE." In addition, the Bidder shall submit copies of the bid, in the number **specified in the BDS** and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.

20.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. The authorization shall consist of a written confirmation **as specified in the BDS** and shall be attached to the bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the bid where entries or amendments have been made shall be signed or initialed by the person signing the bid.

20.3 Not used.

20.4. Any interlineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

D. Submission and Opening of Bids

21 Sealing and Marking of Bids

21.1 The Bidder shall enclose the original and all copies of the bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as “ORIGINAL”, “ALTERNATIVE”, and “COPY.” These envelopes containing the original and the copies shall then be enclosed in one single envelope.

21.2 The inner and outer envelopes shall:

- a. bear the name and address of the Bidder;
- b. be addressed to the Purchaser in accordance with ITB 24.1;
- c. bear the specific identification of this bidding process indicated in ITB 1.1; and
- d. bear a warning not to open before the time and date for bid opening.

21.3 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.

21.4 Telex, Cable or Facsimile bids will be rejected as non-responsive.

22 Deadline for Submission of Bids

22.1 Bids must be received by the Purchaser at the address and no later than the date and time **specified in the BDS**. When so **specified in the BDS**, bidders shall have the option of submitting their bids electronically. Bidders submitting bids electronically shall follow the electronic bid submission procedures as **specified in the BDS**.

In the event of the specified date for the submission of Bids being declared a holiday for the Purchaser, the Bids will be received upto the appointed time on the next working day.

22.2 The Purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with ITB Clause 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

23 Late Bids

23.1 The Purchaser shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB Clause 22. Any bid received by the Purchaser after the deadline for

submission of bids shall be declared late, rejected, and returned unopened to the Bidder.

24 Withdrawal, Substitution, and Modification of Bids

24.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITB Sub-Clause 20.2, (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:

- (a) Prepared & submitted in accordance with ITB Clauses 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” “SUBSTITUTION,” or “MODIFICATION;” and
- (b) Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Clause 22.

24.2 Bids requested to be withdrawn in accordance with ITB Sub-Clause 24.1 shall be returned unopened to the Bidders.

24.3 No bid may be withdrawn, substituted, or modified 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 Letter of Bid or any extension thereof.

25 Bid Opening

25.1 Except as in the cases specified in ITB 23 & 24, the Purchaser shall publicly open and read out in accordance with ITB 25.3 all bids received by the deadline at the date, time and place **specified in the BDS** in the presence of Bidders’ designated representatives and anyone who choose to attend. Any specific electronic bid opening procedures required if electronic bidding is permitted in accordance with ITB 22.1, shall be as **specified in the BDS**.

In the event of the specified date of bid opening being declared a holiday for the Purchaser, the bids will be opened at the appointed time and location on the next working day.

25.2 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. If the withdrawal envelope does not contain a copy of the “power of attorney” confirming the signature as a person duly authorized to sign on behalf of the Bidder, the corresponding bid will be opened. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read

out at bid opening. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at bid opening. Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only bids that are opened and read out at Bid opening shall be considered further.

- 25.3 All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the Bid Prices, per lot (contract) if applicable including any discounts and alternative bids; the presence or absence of a Bid Security, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative bids read out at Bid opening shall be considered for evaluation. The Letter of Bid and the Price Schedules are to be initialed by representatives of the Purchaser attending bid opening in the manner **specified in the BDS**. The Purchaser shall neither discuss the merits of any bid nor reject any bid (except for late bids, in accordance with ITB 25.1).
- 25.4 The Purchaser shall prepare a record of the Bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, substitution, or modification; the Bid Price, per lot(contract) if applicable, including any discounts, and alternative bids if they were permitted; and the presence or absence of a Bid Security, if one was required. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders who submitted bids in time, and posted online when electronic bidding is permitted.

E. Evaluation and Comparison of Bids

- 26 Confidentiality** 26.1 Information relating to the examination, evaluation, comparison, and post-qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until information on Contract Award is communicated to all Bidders in accordance with ITB 40.
- 26.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post-qualification of

the bids or contract award decisions may result in the rejection of its Bid.

26.3 Notwithstanding ITB Sub-Clause 26.2, from the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

27 Clarification of Bids

27.1 To assist in the examination, evaluation, comparison of the bids and post-qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid, that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB Clause 31.

27.2 If a Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.

28 Deviations, Reservations, Omissions

28.1 During the evaluation of bids, the following definitions apply:

- (a) "Deviation" is a departure from the requirements specified in the Bidding Documents;
- (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Documents; and
- (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Documents.

29 Determination of Responsiveness

29.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself as defined in ITB 11.

29.2 A substantially responsive Bid is one that meets the requirements of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

- (a) If accepted, would
 - (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

- (ii) limit in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
 - (b) if rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
- 29.2.1 Bids from Agents, without proper authorization from the manufacturer as per Section IV, shall be treated as non-responsive.
- 29.3.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.
- 29.3.2 The Purchaser shall examine the bid to confirm that the Bidder has accepted all terms and conditions specified in GCC and the SCC without material deviations or reservations. Deviations from or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 18). Warranty (GCC Clause 28), Force Majeure (Clause 32), Limitation of liability (GCC Clause 30), Governing law (GCC Clause 9) and Taxes & Duties (GCC Clause 17) will be deemed to be a material deviation. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 29.4 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.
- 30 Nonconformities, Errors, and Omissions**
- 30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.
- 30.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price or substance of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- 30.3 Provided that a bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid

Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component.

- | | |
|---|---|
| 31 Correction of Arithmetical Errors | <p>31.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:</p> <ul style="list-style-type: none"> (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected; (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above. <p>31.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1 shall result in the rejection of the Bid. If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be rejected and the Bid security may be forfeited.</p> |
| 32 Conversion to Single Currency | Not applicable. |
| 33 Margin of Domestic Preference | Not applicable. |
| 34 Evaluation of Bids | 34.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. |

To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria listed in this Clause. No other criteria or methodology shall be permitted.

34.2 To evaluate a Bid, the Purchaser shall consider the following:

- (a) evaluation will be done for Items or Lots (contracts), as **specified in the BDS**; and the Bid Price as quoted in accordance with clause 14;
- (b) price adjustment for correction of arithmetic errors in accordance with ITB Sub-Clause 31.1;
- (c) price adjustment due to discounts offered in accordance with ITB Sub-Clause 14.4;
- (d) not used;
- (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3;
- (f) The additional evaluation factors as **specified in the BDS as per ITB 34.6** from amongst those set out in Section III, Evaluation and Qualification Criteria.

34.3 The estimated effect of the price adjustment provisions of the conditions of contract, applied over the period of execution of the contract shall not be taken into account in bid evaluation.

34.4 If these Bidding Documents allow Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated price of the lot (contract) combinations, including any discounts offered in the Letter of Bid Form, is specified in Section III, Evaluation and Qualification Criteria.

34.5 The Purchaser's evaluation of a bid shall include (i) price quoted EXW including GST as applicable on the finished goods; (ii) other taxes, if any, payable on finished goods; (iii) price for inland transportation, insurance, and other local services required to convey the Goods to their Final Destination; and (iv) price for Related Services, if any.

34.6 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section III, Evaluation and Qualification Criteria. The factors,

methodologies and criteria to be used shall be as specified in ITB 34.2 (f).

- 35 Comparison of Bids** 35.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 34.
- 36 Qualification of the Bidder** 36.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid meets the qualifying criteria specified in Section III evaluation and Qualification Criteria.
- 36.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 17.
- 36.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's qualifications to perform satisfactorily.
- 37 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids** 37.1 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 contract award, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

F. Award of Contract

- 38 Award Criteria** 38.1 Subject to ITB 37.1, the Purchaser shall award the Contract to the Bidder whose bid has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
- 39 Purchaser's Right to Vary Quantities at Time of Award** 39.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages **specified in the BDS**, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

- 40 Notification of Award**
- 40.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter (hereinafter called “Letter of Acceptance”) shall specify the sum that the purchaser will pay in consideration of the supply of Goods (hereinafter called “the Contract Price”).
- Publication of Award**
- 40.2 At the same time the Purchaser shall publish in a National website(GOI web site-<http://tenders.gov.in>)or GoI Central Public Procurement Portal <https://eprocure.gov.in/cppp/>) or on the Purchaser’s website with free access if available, or in the official gazette, the results identifying the bid and lot numbers and the following information: (i) name of each Bidder who submitted a Bid; (ii) bid prices as read out at bid opening; (iii) name and evaluated prices of each Bid that was evaluated; (iv) name of bidders whose bids were rejected and the reasons for their rejection; and (v) name of the successful Bidder, and the price it offered, as well as the duration and summary scope of the contract awarded.
- Recourse to Unsuccessful Bidders**
- 40.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, after Publication of contract award, requests in writing the grounds on which its bid was not selected.
- 40.4 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.
- 40.5 Upon the successful Bidder’s furnishing of the performance security and signing the Contract Form pursuant to ITB Clause 42, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 19.5.
- 41 Signing of Contract**
- 41.1 Promptly after notification, the Purchaser shall send the successful Bidder the Contract Agreement.
- 41.2 Within twenty-one (21) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Purchaser.
- 42 Performance Security**
- 42.1 Within twenty-one (21) days of the receipt of notification of award from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security Form included in Section X Contract forms, or another Form acceptable to the Purchaser. Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose

bidis substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

SECTION II - BIDDING DATA SHEET

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

[Instructions for completing the Bidding Data Sheet are provided, as needed, in the notes in italics mentioned for the relevant ITB Clauses].

ITB Clause Reference	A. General
1. ITB 1.1	The Purchaser is: Dr. Ranbir Singh Rana, Principal Investigator-CAAST, NAHEP, Centre for Geo. Informatics Res. & Training College of Basic Sciences CSKHPKV, Palampur– 176062 District: Kangra Teh: Palampur Phone 9418106167 & 9418103265 Email: ranars66@rediffmail.com parveens012@gmail.com
ITB 1.1	The name and identification number of the NCB is: IN-CSK-HPKV-PALAMPUR – 141698-GO-RFQ The number, identification and names of the lots (contracts) comprising this NCB are: Phytotron comprising five walk in plant growth chambers, culture room, electricity backup -One Number with complete system (Specifications attached)
ITB 2.1	The Borrower is: Indian Council of Agricultural Research, Govt of India Loan or Financing Agreement Amount: US \$ 82.5 Million
ITB 2.1	The name of the Project is: National Agricultural Higher Education Project (CAAST)– Protected Agriculture and Organic Farming
ITB 4.4	A list of firms debarred from participating in World Bank projects is available at http://www.worldbank.org/debarr

B. Contents of Bidding Documents

2. ITB 7.1	<p>For Clarification of bid purposes only, the Purchaser's address is: Attention: Dr. Ranbir Singh Rana, Principal Investigator, CAAST-NAHEP-CSKHPKV, Palampur Address: PI, CAAST-NAHEP-CSKHPKV Centre for Geo. Informatics Research & Training, College of Basic Sciences, CSK HPKV, Palampur City: PALAMPUR (Himachal Pradesh) ZIP Code: 176062 Country: INDIA Telephone: 9418106167 & 9418103265 Electronic mail address: ranars66@rediffmail.com Web Page: hillagric.ac.in</p>
C. Preparation of Bids	
3. ITB 11.1(k)	The Bidder shall submit the following additional documents in its bid: NIL
ITB 13.1	Alternative Bids shall not be considered. The bidder should not submit more than one bid for any Schedule.
ITB 14.4	Conditional Discounts shall not be taken into account for the purpose of evaluation of Bids. However, any unconditional discount offered shall be taken for the purpose of evaluation. Conditional discounts shall be used for the purpose of award of contract in case Bidder is, otherwise qualifying during the evaluation.
ITB 14.5	The prices quoted by the Bidder shall not be subject to adjustment during the performance of the Contract.
ITB 14.7	The Incoterms edition is Incoterms 2010 .
ITB 14.8 (a) (iii)	"Final destination (Project Site)": CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur - 176062
ITB 14.8 (c)	Add the following at the end of existing clause: Three years warranty and annual maintenance of equipment installed in poly house should be offered for the material used for renovation wherever applicable. Any fault in the entire structure and equipment must be rectified within one week without any charges.
ITB 16.4	Period of time the Goods are expected to be functioning (for the purpose of spare parts): 5 (five) years
ITB 17.2 (b) (i)	Manufacturer's authorization is required as per proforma in Section IV.
ITB 17.2 (b)iii	After Sales service is <i>required</i> which shall be provided by the Supplier or alternatively by its Agent in case of a foreign bidder.
ITB 18.1	The bid validity period shall be 90 days.
ITB 18.3(A)	The prices quoted by the Bidder shall not be adjustable

ITB 19.1	Bid shall include a Bid Security (issued by bank) included in Section IV Bidding Forms.
ITB 19.3	The amount of the Bid Security shall be: Rs. 1,87,500/- (One lakh eighty-seven thousand and five hundred only)
ITB 19.3 (a)	Other types of acceptable securities are: Fixed Deposit/Time Deposit certificate issued by a Nationalized or Scheduled Bank located in India for equivalent or higher values are acceptable provided it is pledged in favour of ICAR-CAAST-CSKHPKV, PALAMPUR and such pledging has been noted and suitably endorsed by the bank issuing the certificate.
ITB 19.9	Not applicable since Bid Security is required
ITB 20.1	In addition to the original of the bid, the number of copies is: Two
ITB 20.2	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: “A copy of Power of Attorney” confirming the signature as a person duly authorized to sign on behalf of the bidder.
	D. Submission and Opening of Bids
4. ITB 21.2 (c)	The inner and outer envelopes shall bear the following additional identification marks: IN-CSK-HPKV-PALAMPUR – 141698-GO-RFQ Phytotron comprising five walk in plant growth chambers, culture room, electricity backup
ITB 22.1	For bid submission purposes, the Purchaser’s address is: Attention: Dr. Ranbir Singh Rana, Principal Investigator, CAAST-NAHEP, CSKHPKV, Palampur Address: PI, CAAST-NAHEP-CSKHPKV Centre for Geo. Informatics Research & Training, College of Basic Sciences, CSK HPKV, Palampur City: PALAMPUR (Himachal Pradesh) ZIP Code: 176062 Country: <i>INDIA</i> The deadline for the submission of bids is: Date: 04/10/ 2020 Time: 2:30PM <i>[The date and time should be the same as those provided in the Invitation for Bids, unless subsequently amended pursuant to Clause 22.2.]</i> Electronic bidding is not permitted.

ITB 25.1	<p>The bid opening shall take place at: Office of Principal Investigator-CAAST-NAHEP-CSKHPKV Centre for Geo. Informatics Research & Training, College of Basic Sciences, CSK HPKV, Palampur City: Palampur Country: INDIA Date: 04/10/2020 Time: 3:00 PM <i>[Date and time should be the same as those given for the deadline for submission of bids (Clause 22).]</i></p>
ITB 25.3	<p>The Letter of Bid and Price Schedules shall be initialed by 6 (six) representatives of the Purchaser conducting Bid opening. Each bid shall be examined for proper sealing</p> <ol style="list-style-type: none"> 1. The bids will be checked for submission of non-refundable fee and bid security 2. The price quoted will be read out and entered in a paper 3. The paper containing the details of the bidders, security deposit and price quoted will be signed by the respective bidders
	E. Evaluation and Comparison of Bids
5. ITB 34.2(a)	<p>Evaluation will be done for the Phytotron comprising five walk in plant growth chambers, culture room, electricity backup (Specifications attached)</p>
ITB 34.4	<p>Bidders <i>shall not</i> be allowed to quote separate prices for one or more lots. <i>[refer to Clause 2 of Section III Evaluation and Qualification Criteria, for the evaluation methodology for Multiple Contracts, if appropriate]</i></p>
ITB 34.6	<p>Please refer Section-III</p>
	F. Award of Contract
6. ITB 39.1	<p>The maximum percentage by which quantities may be increased is: <i>15%</i> The maximum percentage by which quantities may be decreased is: <i>15%</i></p>

SECTION III. EVALUATION AND QUALIFICATION CRITERIA

Contents

1. Evaluation Criteria (ITB 34)
2. Multiple Contracts (ITB 34.4)
3. Qualification Requirements (ITB 36)

1. Evaluation Criteria (ITB 34.6)

The Purchaser's evaluation of a bid may take into account, in addition to the Bid Price quoted in accordance with ITB Clause 14.8, one or more of the following factors as specified in ITB Sub-Clause 34.2 (f) and in BDS referring to ITB 34.6, using the following criteria and methodologies.

- (a) Delivery schedule. (as per Incoterms specified in the BDS)

Deviation in the Delivery schedule, Indicated in Schedule of Requirement, Section-VII is not acceptable.

- (a) Deviation in payment schedule.

Deviation in the payment schedule indicated in SCC 16.1 clause is not acceptable

- (c) Cost of major replacement components, mandatory spare parts, and service.

Not Applicable.

- (d) Availability in the Purchaser's Country of spare parts and after sales services for equipment offered in the bid. **Yes**

Bidder shall ensure availability of spares for 05 (five) years as indicated in ITB clause 16.4.

If the bidder quotes separately for setting up of the above services, then this cost will be added for the evaluation purpose.

- (e) Projected operating and maintenance costs.

Not Applicable.

- (f) Performance and productivity of the equipment.

Not Applicable.

- (i) The cost of three years Annual Maintenance Services (AMC) with spare parts beyond warranty period. : **Applicable**

AMC will be discounted @5% per annum to arrive at NPV (Net present value). E.g. AMC for 3rd year (after warranty of 2 years) will be discounted to NPV by reducing its value for each year @5% every year till current year. Similarly, for 4th year, 5th year etc. The NPV of the total AMC for three years will be added to the cost of the goods for comparison and evaluation purpose."

2. Multiple Contracts (ITB 34.4)

Not Applicable

3. Post-qualification Requirements (ITB 36.1)

After determining the lowest-evaluated bid in accordance with ITB Sub-Clause 35.1, the Purchaser shall carry out the post-qualification of the Bidder in accordance with ITB Clause 36,

using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

A. If the Bidder is a manufacturer:

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

S.No.	Requirement	Documentary evidence to be attached
i.	Valid registration of GST, PAN Card, CIN	Copy of PAN, GST and CIN
ii.		
iii.		

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

- (i) The bidder should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type as specified in the 'Schedule of Requirements' upto at least the same quantity in any one of the last five calendar years which should have been in successful operation for at least two years as on date of bid opening. Further the bidder should be in continuous business of manufacturing products similar to that specified in the schedule of requirements during the last three years prior to bid opening.:-
- (ii) The bidder should clearly confirm that all the facilities exist in his factory for inspection and testing and these will be made available to the Purchaser or his representative for inspection.
- (iii) Copies of original documents defining the constitution or legal status, place of registration and principle place of business of the company or firm or partnership, etc.
- (iv) Bidders shall invariably furnish documentary evidence (Client's certificate) in support of the satisfactory operation of the equipment as specified above.
- (v) The bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity and experience (both technical and commercial) for the manufacture and supply of the required equipment within the specified time of completion after meeting all their current commitments

- (c) The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement:

*An approved color brochure of the product listing the utilities (CSKHPKV) may
Please list out your usage requirements)*

- (d) The Bidder must furnish details of supplies made by him in the last five years in proforma attached in Section IV

B. If Bidder is not a manufacturer:

If a Bidder is not a manufacturer, but is offering the Goods on behalf of the Manufacturer under Manufacturer's Authorization Form (Section IV, Bidding Forms), the Manufacturer shall demonstrate the above qualifications (a), (b), (c) and the Bidder shall demonstrate that it has successfully completed at least [20] contracts of similar goods in the past [10]years.

SECTION IV – BIDDING FORMS

1. LETTER OF BID

The Bidder must prepare the Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and address.

Note: All italicized text is for use in preparing these forms and shall be deleted from the final products.

No alterations to the text except as provided in ITB 20.2, shall be permitted and no substitutions shall be accepted except as provided in ITB 12.]

Date: *[insert date (as day, month and year) of Bid Submission]*

NCB No.: *[insert number of bidding process]*

Invitation for Bid No.: *[insert No of IFB]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Purchaser]*

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.____issued in accordance with ITB 8: *[insert the number and issuing date of each Addenda]*;
- (b) We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) We have not been suspended nor declared ineligible by the Purchaser based on execution of a Bid Securing Declaration in the Purchaser's country in accordance with ITB 4.6
- (d) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services ***[insert a brief description of the Goods and Related Services]***;
- (e) The total price of our Bid, excluding any discounts offered in item (f) below, is:

In case of only one lot, total price of the Bid ***[insert the total price of the bid in Rs in words and figures]***;

In case of multiple lots, total price of each lot [insert the total price of each lot in Rs in words and figures]; Not applicable

In case of multiple lots, total price of all lots (sum of all lots) [insert the total price in Rs in of all lots in words and figures]; Not applicable

- (f) The discounts offered and the methodology for their application are:

- (i) The **discounts offered are: [Specify in detail each discount offered.]**

(ii) The exact method of calculations to determine the net price after application of discounts is shown below: [Specify in detail the method that shall be used to apply the discounts]; Discounts.

- (g) Our bid shall be valid for the period of time specified in ITB Sub-Clause 18.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 22, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (h) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (i) We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process in accordance with ITB 4.2(e), other than alternative bids submitted in accordance with ITB 13;
- (j) We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Purchaser’s Country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (k) We are not a government owned entity/ We are a government owned entity but meet the requirements of ITB 4.5;¹
- (l) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(If none has been paid or is to be paid, indicate “none.”)

- (m) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;

¹Bidder to use as appropriate

- (n) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive;
- (o) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption; and
- (p) 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 namely, "Prevention of Corruption Act 1988."

Name of the Bidder ***[insert complete name of person signing the Bid]***

Name of the person duly authorized to sign the Bid on behalf of the Bidder** ***[insert complete name of person duly authorized to sign the Bid]***

Title of the person signing the Bid ***[insert complete title of the person signing the Bid]***

Signature of the person named above ***[insert signature of person whose name and capacity are shown above]***

Date signed ***[insert date of signing]*** day of ***[insert month]***, ***[insert year]***

** : Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid Schedules.

2. BIDDER INFORMATION FORM

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid Submission]*

NCB No.: *[insert number of bidding process]*

Page _____ of _____ pages

1. Bidder's Legal Name <i>[insert Bidder's legal name]</i>
2. Bidder's actual or intended Country of Registration: <i>[insert actual or intended Country of Registration]</i>
3. Bidder's Year of Registration: <i>[insert Bidder's year of registration]</i>
4. Bidder's Legal Address in Country of Registration: <i>[insert Bidder's legal address in country of registration]</i>
5. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
6. Attached are copies of original documents of: <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation or Registration of firm named in 1, above, in accordance with ITB Sub-Clauses 4.3. <input type="checkbox"/> In case of government owned entity from the Purchaser's country, documents establishing legal and financial autonomy and compliance with commercial law and not dependent agency of borrower or sub-borrower or purchaser, in accordance with ITB Sub-Clause 4.5. <input type="checkbox"/> Included are the organizational chart, a list of Board of Directors, and the beneficial ownership

Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.]*

3. PRICE SCHEDULE FOR SUPPLY AS PER SCHEDULE OF REQUIREMENTS

Prices in Rs								Date: _____	
								NCB No: _____	
								Alternative No: _____	
								Page No _____ of _____	
1	2	3	4	5	6	7	8	9	10
Line Item No	Description of Goods	Country of Origin	Delivery Date	Quantity and physical unit	Unit price EXW [including GST as applicable]	Total EXW price per line item [including GST as applicable] (Col. 5×6)	Price per line item for inland transportation, insurance and other services required to convey the Goods to their final destination (ITB 14.8 (a)(iii))	Any other taxes if payable per item if Contract is awarded (in accordance with ITB 14.8(a)(ii))	Total Price per line item (Col. 7+8+9)
<i>[insert number of the item]</i>	<i>[insert name of Good]</i>		<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert EXW unit price including GST as applicable]</i>	<i>[insert total EXW price including GST as applicable, per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[insert any other taxes if payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>
								Total Price Rs	

Name of Bidder *[insert complete name of Bidder]*

Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

Note: (a) The bidder shall give list of spares for 2 years operation (or as required for the period specified in the evaluation criteria) separately indicating description, quantity, unit price and total price in the above format, - (for those items whose scope of supply includes spare parts as per technical specification).

4. PRICE AND COMPLETION SCHEDULE - RELATED SERVICES

Prices in Rs						
						Date: _____
						NCB No: _____
						Alternative No: _____
						Page No. _____ of _____
1	2	3	4	5	6	7
Service N°	Description of Services (excludes inland transportation and other services required in India to convey the goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6)
<i>[insert number of the Service]</i>	<i>[insert name of Services after modifying as appropriate deleting inapplicable items from the following]</i>	<i>[insert country of origin of the Services]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
	<i>Performance or supervision of the on-site assembly and/or start-up of the supplied Goods</i>					
	<i>Furnishing of tools required for assembly and/or maintenance of the supplied Goods</i>					
	<i>Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods</i>					
	<i>Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract</i>					

	<i>Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Goods</i>					
Total Bid Price Rs						

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

5. Forms of Bid Security

Form of Bid Security - Bank Guarantee

[Guarantor letterhead or SWIFT identifier code]

Bank Guarantee No..... *[insert guarantee reference number]*

Date..... *[insert date of issue of the guarantee]*

WHEREAS, _____ *[name of Bidder]*² (hereinafter called "the Applicant") has submitted his Bid dated _____ *[date]* or will submit his Bid for the supply of _____ *[name of Contract]* (hereinafter called "the Bid") under Invitation for Bids No.....*[insert number]* (hereinafter called "the IFB")

KNOW ALL PEOPLE by these presents that We _____ *[name of bank]* of _____ *[name of country]* having our registered office at _____ (hereinafter called "the Bank") are bound unto _____ *[name of Purchaser]* (hereinafter called "the Purchaser ") in the sum of _____³ for which payment well and truly to be made to the said Purchaser the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20_____.

THE CONDITIONS of this obligation are:

- (1) If after Bid opening the Applicant (a) withdraws his bid during the period of Bid validity specified in the Letter of Bid; or (b) does not accept the correction of the Bid Price pursuant to ITB 31;

or

- (2) If the Applicant having been notified of the acceptance of his bid by the Purchaser during the period of Bid validity:
 - (a) fails or refuses to execute the Contract Agreement in accordance with the Instructions to Bidders, if required; or

²In the case of a JV, the bidder should be stated as "a Joint Venture consisting of, and".

³The Applicant should insert the amount of the guarantee in words and figures denominated in Indian Rupees. This figure should be the same as shown in Clause 19.1 of the Instructions to Bidders.

(b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders.

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

This Guarantee will remain in force up to and including the date _____⁴ days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Purchaser, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.

DATE _____ SIGNATURE OF THE BANK _____

WITNESS _____ SEAL _____

[signature, name, and address]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

⁴45 days after the end of the validity period of the Bid.

6. MANUFACTURER'S AUTHORIZATION

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are legally binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the **BDS**.]*

Date: *[insert date (as day, month and year) of Bid Submission]*

NCB No.: *[insert number of bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Purchaser]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract against the above IFB.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm against this IFB.

No company or firm or individual other than M/s. _____ are authorized to bid, and conclude the contract for the above goods manufactured by us against this specific IFB. *[This para should be deleted for simple items where manufacturers normally sell the product through different stockists].*

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Note – Modify this format suitably in cases where manufacturer's warranty and guarantee are not applicable for the items for which bids are invited. If the supply consists of number of items, indicate the specific item (s) for which alone the above authorization is required.

7. DECLARATION FOR CLAIMING TAX/ DUTY EXEMPTION⁵

(Name of the Project)

Bid No.

Description of item to be supplied

(Information for issue of certificate for claiming exemption of Tax/ Duty in terms of Government of India's relevant notification)

(Bidder's Name and Address):

To
(Name of Purchaser)

.....

Dear Sir:

1. We confirm that we are solely responsible for obtaining deemed export benefits which we have considered in our bid and in case of failure to receive such benefits for reasons whatsoever, Purchaser will not compensate us.
2. We are furnishing below the information required by the Purchaser for issue of necessary certificate in terms of Government of India's relevant notification.

(i) Ex-factory price per unit on which the tax/duty is payable: *Rs. _____

(ii) No of Units to be supplied: _____

(iii) Total cost on which tax/duty is payable (Rs.) _____

(The requirements listed above are as per Current notifications. These may be modified, as necessary, in terms of the rules in force)

(Signature) _____

(Printed Name) _____

(Designation) _____

(Common Seal) _____

** Please attach details item-wise with cost, if there are more than one items. The figures indicated should tally with what is given in the price schedule.*

⁵ This declaration refers to ITB 14.9 and shall be retained only if ITB 14.9 is retained. The format may be modified as per the latest instructions of Government of India.

8. PERFORMA FOR PERFORMANCE STATEMENT

[Please see ITB Clause 36.2 and Section III-
Evaluation and Qualification Criteria]

Proforma for Performance Statement (for a period of last three/five years)

Bid No. _____ Date of opening _____ Time _____ Hours

Name of the Firm _____

<u>Order placed by (full address of Purchaser)</u>	<u>Order No. and date</u>	<u>Description and quantity of ordered equipment</u>	<u>Value of order</u>	<u>Date of completion of delivery</u>	<u>Remarks indicating reasons for late delivery, if any</u>	<u>Has the equipment been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee)</u>
				As per contract	Actual	
1	2	3	4	5	6	7
8						

1

2

3

4

5

6

7

8

Signature and seal of the Bidder

SECTION V. – ELIGIBLE COUNTRIES

Public Information Center

Eligibility for the Provision of Goods, Works and Non-Consulting Services in Bank-Financed Procurement

In reference to ITB 4.7 and 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this bidding process:

Under ITB 4.7(a) and 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state “none”].*

Under ITB 4.7(b) and 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state “none”]*

SECTION VI. BANK POLICY - CORRUPT AND FRAUDULENT PRACTICES

Guidelines for Procurement of Goods, Works, and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011.

“Fraud and Corruption:

1.16 It is the Bank’s policy to require that Borrowers (including beneficiaries of Bank loans), bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts.⁶ In pursuance of this policy, the Bank:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;⁷
 - ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;⁸
 - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;⁹

⁶ In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

⁷ For the purpose of this sub-paragraph, “*another party*” refers to a public official acting in relation to the procurement process or contract execution. In this context, “*public official*” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.

⁸ For the purpose of this sub-paragraph, “*party*” refers to a public official; the terms “*benefit*” and “*obligation*” relate to the procurement process or contract execution; and the “*act or omission*” is intended to influence the procurement process or contract execution.

⁹ For the purpose of this sub-paragraph, “*parties*” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are privy to each other’s bid prices or other conditions.

- (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;¹⁰
- (v) "obstructive practice" is:
 - (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - (bb) acts intended to materially impede the exercise of the Bank’s inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- (c) will declare mis procurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement or the implementation of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- (d) will sanction a firm or individual, at any time, in accordance with the prevailing Bank’s sanctions procedures,¹¹ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract; and (ii) to be a nominated¹²;

¹⁰ For the purpose of this sub-paragraph, “party” refers to a participant in the procurement process or contract execution.

¹¹ A firm or individual may be declared ineligible to be awarded a Bank financed contract upon: (i) completion of the Bank’s sanctions proceedings as per its sanctions procedures, including, inter alia, cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceeding. See footnote 14 and paragraph 8 of Appendix 1 of these Guidelines.

¹² A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one which has either been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

- (e) will require that a clause be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit the Bank to inspect all accounts, records, and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.”

PART 2 - SUPPLY REQUIREMENTS

SECTION VII – SCHEDULE OF REQUIREMENTS

1. LIST OF GOODS AND DELIVERY SCHEDULE

Line Item N°	Description of Goods	Quantity	Physical unit	Final (Site) Destination as specified in BDS	Delivery (as per Incoterms) Date			
					Earliest Delivery Date	Latest Delivery Date	Bidders offered delivery date	Bid Security in Indian Rupees ¹³
1.	2.	3.	4.	5.	6.	7.	8.	9.
1	<i>As per technical specifications (No.3)</i>	<i>As per technical specifications (One No. with accessories)</i>	<i>As per technical specifications (No.3)</i>	<i>Plant Breeding Farm of Department of Genetics and Plant Breeding, CSK Himachal Pradesh Krishi Vishvavidyalay a-Palampur-176062</i>	<i>Within 30days from the date of acceptance of contract for the entire quantity mentioned</i>	<i>within 60 days from the date of acceptance of contract for the entire quantity mentioned</i>	<i>One month after award</i>	<i>Rs. 1,87,500/-</i>

[The Purchaser shall fill in this table, with the exception of the column “Bidder’s offered Delivery date” to be filled by the Bidder]

¹³ Bid security listed here must be the same as provided under ITB/BDS 19.1.

2. List of Related Services [ITB Clause 14.8(b)] and Completion Schedule

Service	Description of Service	Quantity ¹	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
<i>[insert Service No]</i>					-
	<i>Performance or supervision of the on-site assembly</i>	-	<i>As applicable</i>	<i>Plant Breeding Farm of Department of Genetics and Plant Breeding, CSK Himachal Pradesh Krishi Vishvavidyalaya- Palampur-176062</i>	
	<i>Furnishing of tools required for assembly and/or maintenance of the supplied Goods</i>		<i>As applicable</i>		
	<i>Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods</i>	-	<i>As applicable</i>	<i>Plant Breeding Farm of Department of Genetics and Plant Breeding, CSK Himachal Pradesh Krishi Vishvavidyalaya- Palampur-176062</i>	

The Comprehensive Annual Maintenance Contract (Including Spare parts)

- a. The Purchaser shall enter into a Comprehensive Maintenance Contract (CMC) with the Supplier, three months prior to the completion of Warranty Period, at the contracted price, for a period of three (3) years after the expiry of the warranty period as per the details given in clause 12.2 of GCC, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract. The CMC will commence from the date of expiry of Warranty period. The CMC includes preventive maintenance including testing & calibration as per technical/service/operational manual, labour and spares.
- b. The supplier shall visit each consignee site as recommended in the manufacturer's technical/ service operational manual, but at least once in three months during the CMC period for preventive maintenance.

3. TECHNICAL SPECIFICATIONS

“Summary of Technical Specifications.

PHYTOTRON FACILITY PROGRAMMABLE LOGIC CONTROLLER WITH DATA LOGGING AND SMS ALERT BASED PHYTOTRON FACILITY WITH ALL ACCESSORIES Overall Size: 18M x 7.20M x 4M x 2.50M (L x W x H Centre x H Side)			
a)	Chamber No.1 Work Station: - Size 4 M x 3 M (Desired temperature Range: 25°C±3°C)		
b)	Chamber No.2 Plant Growth Chamber: - Size 5 M x 3 M (Desired temperature Range: 20°C±3°C)		
c)	Chamber No.3 Hybridization Chamber for Rabi Crops: - Size 6 M x 3M (Desired temperature Range: 20°C±2°C)		
d)	Chamber No.4 Cold Chamber: -Size 3M x 3M (4°C±1°C)		
e)	Pathway: - 1.20M ((Desired temperature Range: 25°C±3°C)		
f)	Chamber No.5 Autoclave & Media Chamber: - Size 3M x 2M		
g)	Chamber No.6 Inoculation Chamber: - Size 4Mx3M (Desired temperature Range: 25°C±2°C)		
h)	Chamber No.7 Hybridization Chamber for Kharif Crops Size: 6Mx3M (Desired temperature Range: 28°C±3°C)		
i)	Chamber No.8 Hybridization Chamber for Kharif Crops: - Size 6Mx3M (Desired temperature Range: 25°C±3°C)		
j)	Generator Shed for 30KVA Generator		
k)	Buffer Room 2Mx2M having Fire Extinguisher Facility		
l)	Flood Light outside Phytotron Facility		
m)	HD CCTV Camera		
n)	Galvanized chain fencing of entire Facility along with gate (Entire fencing: 6ft. height)		

TECHNICAL SPECIFICATIONS

Main Features	<p>a) Complete pre-machined structure and cladding with twin walled polycarbonate sheet 8mm thick both sides UV stabilized. All structures, Rafters, Purlin and Trusses should be pre galvanized and designed to take a wind load up to 120km/hr.</p> <p>b) Structure frame: All galvanized steel should be used and fitted with nut, bolts, clamps, plates etc. to take withstand of wind speed 120km/hr.</p> <p>c) Pipe sections to be used for different structural member or equivalent will be as below.</p> <p>d) Pillar: 50mmx50mmx3mm thickness pre galvanized rectangular tubes. Distance between pillars on lateral line: 1.5m.</p>
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	<p>e) Arc: 40mmx40mmx2mm thickness.</p> <p>f) Ridge: 40mmx40mm</p> <p>g) Corp Bar: 40mmx40mm x 2mm thickness</p> <p>h) Trusses Tie: 40mmx40mm. Frame should be made by 40x40x2mm pre galvanized rectangular tubes.</p> <p>i) Roof beam: 40mmx40mm pre galvanized rectangular tubes.</p> <p>j) False Ceiling required in all chambers.</p>
Design load	Wind load resistance: 120Km/hr.
Pre-Entry Room & Doors	<p>a) Ante Room / Vestibule: The inside of green house will have a specific Pre-Entry room of size 6’x5’x8’ (L x W x H) made by polycarbonate sheet 8mm and galvanized tubular frame, where all the other spare items can be stored.</p> <p>b) Door: 1m wide x 2m tall single door complete with polycarbonate sheet glazing, top & bottom tracks, jambs, flashings & installation hardware.</p> <p>c) Air curtain: Auto on/off when door opening/ closing.</p>
Environmental Control system with data logging	<p>Control system which can monitor and control Temperature, Humidity and Light. It maintains chamber climate by optimum controlling of chamber equipment’s like Window A.C., Heaters, lights etc. It should include switching system for operating chamber equipment with suitable relays, contactors and safety devices.</p> <p>Sensors Temperature & RH: Range: 0-50°C AND 0-100% Type: 4-20mA Light sensor: Range: 0-100Klux Type: 4-20mA</p> <p>Outputs: Light control: Control cycle: ON/OFF, multiple stages Accuracy: ±10 sec/day</p> <p>Temperature controller: Control type: PID, Multiple stage control Temp range: 0.01 to 59.9°C Accuracy: ±1°C Hysteresis: 0.4°C</p> <p>Heater control: Control type: ON/OFF, Multiple stages Temp range: 0.01 to 59.9°C Hysteresis: 0.4°C</p> <p>Humidity Control: Control type: ON/OFF Range 30% to 90% Read RH: ±2%. ±1 digit (at 45%)</p>

	<p>Illuminations: High luminous flux PAR lamp up to 50000 lux (controllable) light each, special light for plants for providing essential photosynthesis wavelength of 400-700nm to the plants for optimum growth and production.</p> <p>Heating system: Heating blowers should be capable of maintaining 28°C ±3°C in winter. Complete uniform heat circulation system to be provided.</p>
<p>A.C. Cooling system: Hot & cool in all chamber except Chamber 4</p>	<p>Air Conditioning system with the following specifications/ features:</p> <ol style="list-style-type: none"> a) Power saving compressor b) Grooved copper tubing c) Sealed fan motors for cooling unit & condensing unit. d) CFM: Min 1600-3200. e) With overload protector and fuses specially designed f) Evaporator coil & condensing coil 100% copper g) Fan with proper powder coated enclosure, Defrosting and drainage system. h) ISI mark expansion valve. i) Copper piping and allied fitting and pipe insulation material with ISI standards will be used for effective desired operation. CFC free refrigerant.
<p>COLD CHAMBER</p>	<p>COLD ROOM (4°C)</p> <ul style="list-style-type: none"> ✓ 60 mm thick Prefabricated RPUF (density 40 Kg) Panels with pre painted Galvanized Sheet finish both sides will be used. ✓ 60mm thick Antiskid PUF panel floor made of chequered aluminum sheet of 5 mm thickness. ✓ Door: Flushed type with Key and Lock ✓ To maintain 4°C temperature, reputed make Hermetic type compressor of 1.5-ton capacity must be provided. ✓ Condenser should be Pre-Painted Body of reputed make of suitable capacity. ✓ Evaporator must be SS finish ✓ Temperature controller must be A S Control with built in features of high and low pressure setting & protection equipped with High & Low temperature setting alarm
<p>Misting system</p>	<p>Suitable Humidifiers should be provided to create proper humidity.</p>

Benching system	Suitable Growing bench for all the Chambers made of galvanized base frame and top frame made of GI frame with welded GI mesh to accommodate pro tray. Bench having with rolling pipe mechanism and rolling wheel for easy movement. 4Nos. Tissue culture racks with 3 shelves complete with lighting & fittings for Chamber No.2.
Side Ventilation	8No. Skidding window in aluminum section having size 1m x 0.60m (LXH) with permanent fixing of 40 mesh screen
Foundation	Foundation wall for chamber 9" wide brick wall and 1' below earth surface 2' above earth surface with duly plastered, frame base block height 3' x 9" x 9" each with plinth protection 3' wide 6" thick.
Floor	1.5" raised floor, made by PCC (1:5:10) mm thick
Miscellaneous work	Water tap for irrigation, Stainless steel sink in all chambers except Chamber No. 4&6 and aluminum ladder of size 8'. Water Tank: 2Nos. 2000 Ltr. & 1000 Ltr.
DIESEL GENERATOR SET (30KVA)	<p>Diesel engine rated at 1500 rpm, Air Cooled, Four Stroke Electric Start Diesel Engine with capacity of 10% over loading for one hour in every 12 hours duration having following accessories.</p> <ul style="list-style-type: none"> ✓ Rated Speed: 1500 RPM ✓ Rated Output: 18.8 KW & 25.5 HP ✓ No. of Cylinder: 2 ✓ Cubic Capacity: 2.08 liters ✓ Boos & Stroke: 105x120 mm ✓ Insulation Class: Class H ✓ Microprocessor based ✓ Graphical LCD display

AIR INTAKE SYSTEM

- ✓ Air intake manifold
- ✓ Dry type air cleaner.
- ✓ Vacuum indicator.

EXHAUST SYSTEM

- ✓ Expansion bellow.
- ✓ Exhaust manifold
- ✓ Exhaust silencer.

COOLING SYSTEM**FOR AIR COOLED**

- ✓ Blower Fan in built in Engine
- ✓ Exhaust Fan

FOR WATER COOLED

- ✓ Engine water pump.
- ✓ Coolant
- ✓ Radiator with pusher type fan (Fan mounted on engine Shaft)

LUBRICATING SYSTEM

- ✓ Lube oil cooler
- ✓ Lube oil filter “Spin-on” type
- ✓ Centrifugal filter

FUEL SYSTEM

- ✓ “Spin-on” type fuel filter
- ✓ 12V DC solenoid coil
- ✓ Inline fuel injection pump and Fuel Feed Pump.
- ✓ Governor – Mechanical (15-82.5kva) / Electronic (100 & 125Kva)

STARTING SYSTEM

- ✓ 15-125 KVA 12 Volt Starter*12 Volt DC solenoid coil & 12 Volt DC Battery charging Alternator

INSTRUMENT PANEL

- ✓ Start / stop Push Button.
- ✓ Lube oil pressure indication.
- ✓ Water temperature indication.

	<ul style="list-style-type: none"> ✓ RPM indication. ✓ Engine running hour indication. ✓ Low lube oil trip indication. ✓ High Engine temperature trip indication ✓ Battery Charging Indication ✓ Over /Under Speed trip Indication ✓ Low Fuel level Indication ✓ Over Load trip Indication <p>SAFTY CONTROLS</p> <ul style="list-style-type: none"> ✓ Low lube oil pressure trip. ✓ High Engine temp trip. ✓ Low Fuel Level Trip ✓ Over load trip ✓ Over / Under Speed trip <p>OTHERS</p> <ul style="list-style-type: none"> ✓ AVM pad. ✓ Engine suitable for closed couple alternator ✓ Front and rear engine-mounting supports ✓ Proper earthling of the gen set
ALTERNATOR	<p>Synchronous alternator of suitable for continuous operation at 1500 RPM generating 415 volts at 0.8 p. f (lag) suitable for 50 Hz, three phase, 4 wire system. The alternator shall be brushless, single bearing, self-excited & self-regulated with an AVR. The alternator will be suitable for tropical climate and shall generally confirm to IS: 4722. The salient features of the alternators are:</p> <ul style="list-style-type: none"> ✓ ±1% voltage regulation (max) in static conditions. ✓ IP: 23 protections with class ‘H’ insulation. ✓ Permanent lubricating bearing. ✓ Permissible overload of 10% for one hour in 12 hours of operation. <p>CONTROL PANEL:</p> <ul style="list-style-type: none"> ✓ Microprocessor based

	<ul style="list-style-type: none"> ✓ Graphical LCD display ✓ Best in class monitoring and diagnostic Capability
	<p>FOLLOWING ITEMS ARE REQUIRED TO RUN THE PHYTOTRON FACILITY EFFICIENTLY: -</p>
	<p>Microprocessor controlled Analytical Micro Balance 220V.50/60Hz. Operation.</p> <p><u>Specifications / Features:</u> Capacity: 220 gm Readability: 0.0001 g (0.1 mg) Repeatability (±): 0.0002 g Linearity (±): ± 0.0004 g Min. (Capacity): 10mg Verification scale intervals: 1 mg Calibration: Motorized Internal calibration Class: Class 1 Display: LCD with back light Response time: 4-6 sec. Pan size: 90 mm dia. Tare range: Full Operating Temperature: 15°C to 30°C Sensitivity Draft; ±2ppm/°C Density : Function available Data output Mode Section: Command & Continuous Output Key Sound : Yes Weighing Chamber height: 210 mm Unit : g, ct, ozt, oz, GN, dwt, lb Application mode: : PCS, %, weighing, Animal, check weighing, density, statistics weighing Baud rate Options : :1200,240~4800,9600 Interface : RS232C Power supply : AC 220V/ 50-60Hz Dimension : 580Lx 385Wx 480H mm Approx. Weight : 13 kg.</p> <ul style="list-style-type: none"> ✓ Based on E.M.F.C Technology ✓ Density measurement for solid ✓ RS232C Interface ✓ Percentage (%) Weighing ✓ Tare range up to max. capacity ✓ Multiple Weighing Units ✓ Animal Weighing function

	<ul style="list-style-type: none"> ✓ Counting weighing mode ✓ Calibration with internal weight ✓ Under hook Weighing ✓ LCD touch screen display ✓ Density Determination function
	<p>Advance Research Biological Microscope and Digital Imaging System, with image analysis software</p> <p><u>Consisting of:</u></p> <ul style="list-style-type: none"> ✓ Infinity corrected achromatic optical system, Anti-Fungal with high quality micro-technique present superexcellent micro-image at any observation. ✓ 30°Seidentopf trinocular viewing head (dedicated for fluorescence) with 360° rotatable eyepiece tube, interpupillary adjustable distance: 50-75mm, fixed spectroscopic ratio R:T= 50%:50% ✓ WF10X/22mm, diopter +/-5 adjustable ✓ And Rubber Eyecups (Pair). ✓ Revolving quintuple nosepiece; ✓ Stage: 150x140mm mechanical stage with underhand, moving range: 76x50mm, precision: 0.1mm, with damping clips. <p><u>Infinity plan Anti-Fungal coated Objective.</u></p> <ul style="list-style-type: none"> ✓ Plan achromatic objective 4X/0.10, W.D 11.9mm ✓ Plan achromatic objective 10X/0.25, W.D 12.1mm ✓ Plan achromatic objective 40X/0.75, WD=0.72mm ✓ Plan achromatic objective 100X/1.25, W.D 0.18mm ✓ Condenser: N.A.1.25 Koehler illuminatory condenser with socket for phase contrast and darkfield accessories ✓ Focus adjustment: Integrated all-metal high-pressure die-casting body, precision transmission mechanism with pinion and rack. Coarse focusing scope: 30mm, with tightness adjustment and place limit set, fine adjustable precision: 0.002mm ✓ Transmitted illumination: 3W LED bulbs (predetermined filament center), intensity continuously adjustable, 100V-240V_AC50/60Hz wide range voltage, ✓ Green contrast filter (Φ45mm) ✓ Immersion oil-8 ml ✓ Allen Hex Keys- Φ2mm ✓ Vinyl Dust Cover

	<ul style="list-style-type: none"> ✓ Universal Power Supply <p>High Sensitive USB3.0 Microscopic scientific Digital Camera</p> <p>Consisting of:</p> <ul style="list-style-type: none"> ✓ C-Mount ✓ High resolution Digital camera with 1/1.8" (7.37x4.92 mm) chip ✓ USB 3.0 PC connection ✓ Real Time Live Image resolution: 6.3 mega pixels ✓ Electronic shutter ✓ Exposure time:0.244ms-4000ms ✓ White Balance: Automatic / Advanced Manual ✓ Max Resolution (Hardware): 3072x2048 ✓ Pixel Size: 2.4x2.4 micron ✓ FPS/Resolution: 15@3072x2048 26@1536x1024 ✓ Binning: 1x1,2x2 ✓ Exposure: 0.244ms~2000ms ✓ G Sensitivity: 425mv with 1/30s ✓ Dark Signal: 0.15mv with 1/30s ✓ Working Temperature: -20°C ~ 70°C ✓ Color Rendering Technique: Ultra Fine Color Engine ✓ White Balance: ROI White Balance/ Manual Temp-Tint Adjustment ✓ Programmable Control: Image size, exposure time, brightness, gain, Gamma ✓ Correction, color, contrast, Saturation ✓ Power Supply: DC 5V over PC USB Port ✓ High Speed USB3.0 Cable ✓ <p>Computer: Branded computer Licensed-windows 10 original, processor i5, 8GB RAM, 500GB HDD, screen color 18-19", keyboard, mouse, TFT monitor and UPS.</p>
	<p>Double walled Vertical Autoclave 230V.50Hz. operation.</p> <p><u>Specification:</u></p> <ul style="list-style-type: none"> ✓ Size: 450 mm Dia and 600 mm Depth ✓ Capacity 98 liters ✓ Electric load: 5 KW ✓ Double walled Inner chamber i.e. boiler made of 16 SWG Stainless steel of 304 qualities. ✓ Outer shell made of thick mild steel duly painted.

	<ul style="list-style-type: none"> ✓ The broiler and outer shell is providing with air insulation. ✓ Lid made of thick Mild Steel duly Stainless Steel lined and is tightened by radial locking system. ✓ Lid mounted on a central screw and is provide with best quality joint less neoprene gasket to trouble free operation. ✓ Fitted with paddle lifting device to open/close the lid. ✓ Fitted gauge, Steam release cock, safety valves, spring loaded safety valves etc. ✓ Automatic low water level cut off device ✓ Capable to be set at any pressure in between 5 to 22 PSI. provided with drain valve. ✓ Must be hydraulically tested up to 40 PSI provided with ISI mark heating elements which are easily replaceable and heats the water to desired temperature and pressure. ✓ Pressure indicated by pressure gauge. ✓ To work on 220V/50Hz.
	<p>Double distillation apparatus all glass (electrically heated)</p> <p><u>Specification and Features</u></p> <ul style="list-style-type: none"> ✓ Capacity : 5 Liters ✓ Type : Double stage ✓ The assembly must be consisting of a glass flask with embedded heating elements fused in spiral with type glass coil internally at bottom. A double wall coiled condenser has standard ground glass joints. Complete with glass fitting, metallic stand, rings clamps and electrical fittings. ✓ Must be as per NPL patent design. ✓ With automatic low water level cut off device in case of water supply is stopped. ✓ With special grade rubber tubing (10 meter)
	<p>Water purification System. RO+UV+UF TDS Controller</p> <p>Designed with a built-in TDS controller suitable for purification of brackish/tap water supply. Separate 360 degree rotating faucet that can be fixed beside the existing tap. Double stage purification process along with RO+ UV/UF</p>

	<p>purification technology capable of eliminating bacteria, viruses and other impurities from water, making it safe for consumption. 7-litres of purified water storage capacity with a hydrostatic storage tank that can provide a high flow of water. Tank capable of facilitating pressurized supply of purified water even in the absence of running water and electricity. Purification capacity of 15 litres per hour. Mineral RO TM Technology and an inbuilt TDS controller.</p>
	<p>Microprocessor controlled Vertical Laminar Biosafety unit, with complete SS-304, front transparent glass door, and S.S working table. For 220V/50-60Hz.</p> <p>Specifications:-</p> <ul style="list-style-type: none"> ✓ Size: 4 ft. x 2 ft. x 2 ft. ✓ Pre Filter = 10micron with an efficiency rating better than 95% down to 5µ washable HDPE media in SS 304 framed. ✓ Separate less Minipleat ULPA filters with an efficiency of 99.999% on monodisperse. Size: 1220x610x75 approx. (01 no.,) ✓ Motor blower assembly mounting: Motor blower designed of statically and dynamically balanced electronically for supply of sufficient capacity and static pressure to take care of air flow requirement for entire of ULPA. ✓ Noise Level : 50 decibels ✓ Velocity : 0.45±20% mps ✓ Vibration: 20 micron PP ✓ UV tube: 3 ft. 30W, 254 nm at work area, 1 no. of 1,100 Lux. ✓ With Digital pressure gauge. ✓ Cock for Gas Line. ✓ LED light 4ft. ✓ Inbuilt Blower assembly ✓ Filter seat with rubber padding for a perfect rubber to rubber sealing. ✓ Front transparent glass door ✓ Alarm Display for Chocked Filters

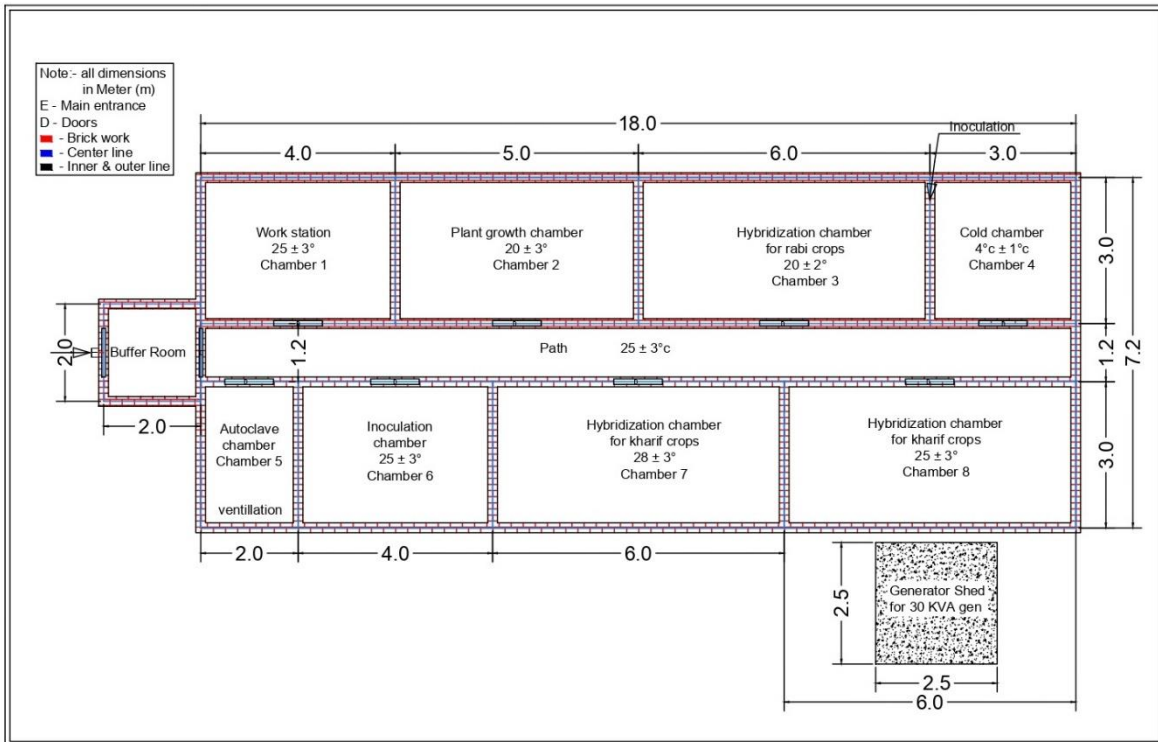
- | | |
|--|---|
| | <ul style="list-style-type: none">✓ LCD display for Air Flow warning and Alarm.✓ Display of real time performance data such as<ul style="list-style-type: none">✓ Air velocities✓ Hours of operation✓ Safe window position✓ Filter Status✓ UV light indicator and activation of with timer✓ Activation of power receptacles✓ Fluorescent light activation stoppage/reduction in flow velocity on closing of sash✓ The microprocessor based cabinet should use differential pressure sensor to display the inflow and down flow air velocities in real time on an LED/LCD display.✓ Side window 6 mm toughened glass with SS 304 channel.✓ 04 nos. of Leveling bolts✓ With power socket 5/15 Amp. Single phase for external equipment.✓ Angled front slop of 10° to reduce the fatigues while working. |
|--|---|

4. DRAWINGS

These Bidding Documents includes [insert “the following “or “no”] drawings.

[If documents shall be included, insert the following List of Drawings]

List of Drawings		
DRAWING NR.	Drawing Name	Purpose



5. INSPECTIONS AND TESTS

The following inspections and tests shall be performed:

Post-dispatch inspection:

1. Inspection of unopened seal to ensure credibility
2. Testing the working condition of the Goods
3. Inspecting for any manufacturing defect
4. Inspecting the magnification capacity and the lens of the microscope
5. Inspecting the light source and filters provided
6. Inspecting the connectivity between microscope, computer and large digital display

**6. PROFORMA OF CERTIFICATE FOR ISSUE BY THE
PURCHASER AFTER
SUCCESSFUL INSTALLATION AND STARTUP OF THE
SUPPLIED GOODS**

[This is to be attached for supply, erection, supervision of erection and startup contracts only]

No.

Date:

M/s.

Sub: Certificate of startup of the supplied Goods

1. This is to certify that the plant/s as detailed below has/have been received in good condition along with all the standard and special accessories (subject to remarks in Para No. 2) and a set of spares in accordance with the Contract/Specifications. The same has been installed and commissioned.

(a) Contract No. _____ dated _____

(b) Description of the plant _____

(c) Plant Nos. _____

(d) Quantity _____

(e) Rail/Roadways Receipt No. _____ dated _____

(f) Name of the consignee _____

(g) Date of startup and proving test _____

2. Details of accessories/spares not yet supplied and recoveries to be made on that account.

<u>S. No.</u>	<u>Description</u>	<u>Amount to be recovered</u>
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3. The proving test has been done to our entire satisfaction and operators have been trained to operate the plant.

4. The supplier has fulfilled his contractual obligations satisfactorily. *

or

The supplier has failed to fulfill his contractual obligations with regard to the following:

- (a)
 - (b)
 - (c)
 - (d)
5. The amount of recovery on account of non-supply of accessories and spares is given under Para No. 2.
6. The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated in endorsement of the letter.

Signature _____

Name _____

Designation with Stamp _____

* Explanatory notes for filling up the certificates:

- (a) He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to Technical Specifications.
- (b) He has supervised the startup of the plan in time i.e., within the period specified in the contract from the date of intimation by the Purchaser in respect of the installation of the plant.
- (c) Training of personnel has been done by the supplier as specified in the contract
- (d) In the event of documents/drawings having not been supplied or installation and startup of the plant have been delayed on account of the supplier, the extent of delay should always be mentioned.

PART 3 – CONTRACT

SECTION VIII – GENERAL CONDITIONS OF CONTRACT

Section VIII. General Conditions of Contract

1. Definitions

The following words and expressions shall have the meanings hereby assigned to them:

- (a) “Bank” means the World Bank and refers to the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (b) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (c) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- (d) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- (e) “Day” means calendar day.
- (f) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (g) “GCC” means the General Conditions of Contract.
- (h) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

- (i) “Purchaser’s Country” is India.
- (j) “Purchaser” means the entity purchasing the Goods and Related Services, as specified in the **SCC**.
- (k) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, start-up, training and initial maintenance and other such obligations of the Supplier under the Contract.
- (l) “SCC” means the Special Conditions of Contract.
- (m) “Subcontractor” means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- (n) “Supplier” means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (o) “The Project Site,” where applicable, means the place named in the **SCC**.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Corrupt & Fraudulent Practices

3.1 The Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Appendix to the GCC.

3.2 The Purchaser requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Incoterms.

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms.

(b) The terms EXW and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the **SCC** and published by the International Chamber of Commerce in Paris, France.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Nonwaiver

(a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized

representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be English. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in English language, in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Deleted

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

- 9. Governing Law** 9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Union of India.
- 10. Settlement of Disputes**
- 10.1 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.
- 10.2 If, after twenty-eight (28) 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 hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure **specified in the SCC.**
- 10.3 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 monies due the Supplier.
- 11. Inspections and Audit by the Bank**
- 11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs
- 11.2 The Supplier shall permit, and shall cause its Subcontractors to permit, the Bank and/or persons appointed by the Bank to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 3 [Fraud and Corruption], which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under this Sub-Clause 11.1 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures)

- 12. Scope of Supply** 12.1 The Goods and Related Services to be supplied shall be as specified in the **Special Conditions of Contract**.
- 13. Delivery and Documents** 13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the **SCC**.
- 14. Supplier's Responsibilities** 14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.
- 15. Contract Price** 15.1 Prices charged by the Supplier for the Goods supplied and the Related 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 the **SCC**.
- 16. Terms of Payment** 16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the **SCC**.
- 16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.
- 16.4 The payments shall be made in Indian Rupees to the Supplier under this Contract.
- 16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the **SCC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.
- 17. Taxes and Duties** 17.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
- 18. Performance Security** 18.1 If required as specified in the **SCC**, the Supplier shall, within twenty-one (21) days of the notification of contract award,

provide a performance security for the performance of the Contract in the amount specified in the **SCC**.

18.2 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.

18.3 As specified in the SCC, the Performance Security shall be denominated in the Indian Rupees, and shall be in the format stipulated by the Purchaser in the **SCC**, or in another format acceptable to the Purchaser.

18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the **SCC**.

19. Copyright

19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

20. Confidential Information

20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.

20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

- 20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:
- (a) the Purchaser or Supplier need to share with the Bank or other institutions participating in the financing of the Contract;
 - (b) now or hereafter enters the public domain through no fault of that party;
 - (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
 - (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
- 20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.
- 20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting

- 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.
- 21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

22. Specifications and Standards

- 22.1 Technical Specifications and Drawings
- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VII, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
 - (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

23. Packing and Documents

- 23.1 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. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, 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.
- 23.2 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 the **SCC**, and in any other instructions ordered by the Purchaser.

24. Insurance

- 24.1 Unless otherwise specified in the **SCC**, the Goods supplied under the Contract shall be fully insured—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the **SCC**.

25. Transportation & Incidental Services

- 25.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
- 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, **specified in Schedule of Requirements and SCC**:
 - (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
 - (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
 - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;

- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

26. Inspections and Tests

26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.

26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the **SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other

obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

- 26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.
- 26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

- 27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the 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 those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

- 28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- 28.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or

place of loading in the country of origin, whichever period concludes earlier.

- 28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

29. Patent Indemnity

- 29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:
 - (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
 - (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

- 29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-

Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

30. Limitation of Liability

- 30.1 Except in cases of criminal negligence or willful misconduct,
- (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, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement.

31. Change in Laws and Regulations

31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in India, where the Site is

located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

- 32. Force Majeure**
- 32.1 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.
- 32.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition 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.
- 33. Change Orders and Contract Amendments**
- 33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to 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 shipment or packing;
 - (c) the place of delivery; and

(d) the Related Services to be provided by the Supplier.

33.2 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 in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

33.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

34. Extensions of Time

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. 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, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

35. Termination

35.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

- (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;
 - (ii) if the Supplier fails to perform any other obligation under the Contract; or
 - (iii) if the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

35.2 Termination for Insolvency.

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

35.3 Termination for Convenience.

- (a) The Purchaser, by 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.

- (b) The Goods that are complete and ready for shipment within twenty-eight (28) 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:
 - (i) to have any portion completed and delivered at the Contract terms and prices; and/or
 - (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

36. Assignment

- 36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

APPENDIX TO GENERAL CONDITIONS

Bank's Policy- Corrupt and Fraudulent Practices

(text in this Appendix shall not be modified)

Guidelines for Procurement of Goods, Works, and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011:

“Fraud and Corruption:

1.16 It is the Bank's policy to require that Borrowers (including beneficiaries of Bank loans), bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts.¹⁴ In pursuance of this policy, the Bank:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;¹⁵
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;¹⁶
 - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;¹⁷
 - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;¹⁸

¹⁴ In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

¹⁵ For the purpose of this sub-paragraph, “*another party*” refers to a public official acting in relation to the procurement process or contract execution. In this context, “*public official*” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.

¹⁶ For the purpose of this sub-paragraph, “*party*” refers to a public official; the terms “*benefit*” and “*obligation*” relate to the procurement process or contract execution; and the “*act or omission*” is intended to influence the procurement process or contract execution.

¹⁷ For the purpose of this sub-paragraph, “*parties*” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are privy to each other's bid prices or other conditions.

¹⁸ For the purpose of this sub-paragraph, “*party*” refers to a participant in the procurement process or contract execution.

- (v) "obstructive practice" is:
- (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - (bb) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- (c) will declare mis procurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement or the implementation of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- (d) will sanction a firm or individual, at any time, in accordance with the prevailing Bank's sanctions procedures,¹⁹ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract; and (ii) to be a nominated²⁰;
- (e) will require that a clause be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit the Bank to inspect all accounts, records, and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by the Bank."

¹⁹ A firm or individual may be declared ineligible to be awarded a Bank financed contract upon: (i) completion of the Bank's sanctions proceedings as per its sanctions procedures, including, inter alia, cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceeding. See footnote 14 and paragraph 8 of Appendix 1 of these Guidelines.

²⁰ A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one which has either been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

SECTION IX. SPECIAL CONDITIONS OF CONTRACT

7.

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

[The Purchaser shall select insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics]

GCC 1.1(j)	The Purchaser is: <i>Principal Investigator, CAAST-NAHEP-CSKHPKV, Palampur-176062</i>
GCC 1.1 (o)	The Project Site(s)/Final Destination(s) is/are: Farm area of Department of Genetics and Plant Breeding, Chaudhary Sarwan Kumar Krishi Vishvavidyalaya, Palampur- 176062 (HP)
GCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Incoterms.
GCC 4.2 (b)	The version edition of Incoterms shall be 2010
GCC 8.1	For notices , the Purchaser's address shall be: : Dr. Ranbir Singh Rana, Principal Investigator-CAAST, NAHEP, CSKHPKV, Palampur– 176062 District: Kangra Teh: Palampur Phone 9418106167 & 9418103265 Email: ranars66@rediffmail.com parveens012@gmail.com Communication

GCC 10.2**Settlement of Disputes**

The dispute settlement mechanism to be applied for adhoc arbitration shall be as follows:

- (a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The arbitral tribunal shall consist of 3 arbitrators one each to be appointed by the Purchaser and the Supplier. The third Arbitrator shall be chosen by the two Arbitrators so appointed by the Parties and shall act as Presiding arbitrator. In case of failure of the two arbitrators appointed by the parties to reach upon a consensus within a period of 30 days from the appointment of the arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the *Indian Council of Arbitration

- (b) If one of the parties fails to appoint its arbitrator in pursuance of sub-clause (a) above, within 30 days after receipt of the notice of the appointment of its arbitrator by the other party, then the *Indian Council of Arbitration/president of the Institution of Engineers (India)/The International Centre for Alternative Dispute Resolution (India), shall appoint the arbitrator. A certified copy of the order of the *Indian Council of Arbitration

- (c) Arbitration proceedings shall be held at **Chennai**, India, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.
- (d) The decision of the majority of arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the arbitral tribunal. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its proceedings as also the fees and expenses paid to the arbitrator appointed by such party or on its behalf shall be borne by each party itself.
- (e) Where the value of the contract is Rs. 10 million and below, the disputes or differences arising shall be referred to the Sole Arbitrator. The Sole Arbitrator should be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the ***Indian Council of Agricultural Research**).
- (f) Except otherwise agreed to by the Parties, Arbitrators should give a decision in writing within 120 days of receipt of notification of dispute.

Alternatively

[Apart from the ad hoc arbitration services obtained through mutually agreed Arbitrator(s) as above, Institutional arbitration services are also available in India. Institutional arbitration dispute resolution mechanisms can be gainfully used, preferably for relatively larger contracts. Following clause may be included, if it is decided to use Institutional Services for arbitration for resolution of disputes, and in such a case other clauses related to Arbitration/ Arbitrator would be deleted. In the sample clause below, substitute the reference to 'ICA Rules of Conciliation' by the specific institution that is sought to be engaged e.g. The International Centre for Alternative Dispute Resolution (ICADR), The Indian Institute of Arbitration and Mediation (IIAM), Indian Chamber's Council of Arbitration, Delhi International Arbitration Centre (DAC), Council For National and International Commercial Arbitration, London Court of International Arbitration (India Centre) or the like.]

Any dispute or difference whatsoever arising between the parties out of or relating to the supply, erection, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the Rules of Domestic Commercial Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties.

The arbitral tribunal shall consist of 3 Arbitrators, arbitration proceedings shall be held at **Chennai**, India and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English. *[ICA rules provide for arbitration tribunal of 3 arbitrators if the value of claim is over Rs 1 crore unless the parties have agreed otherwise for a sole arbitrator].*

Except as otherwise agreed to by the Parties, Arbitrators should give a decision in writing within 120 days of receipt of notification of dispute.

<p>GCC 12.1 and 25.2</p>	<p>The scope of supply for the Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.</p>
<p>GCC 12</p>	<p>Add the following as Clause 12.2</p> <p>Maintenance Service:</p> <p>a) Warranty Free Comprehensive Maintenance and Repair services including testing & calibration, labour and spares shall be provided by the Supplier during the period of warranty as specified in article SCC 28.3.</p> <p>b) Comprehensive Annual Maintenance Contract (CMC) After the above mentioned warranty period, the Consignees may, at its sole and exclusive discretion, enter into Comprehensive Annual Maintenance Contract (CMC), for a period of Three (3) years at the rates quoted by the Supplier in his bid.</p> <p>The CMC includes repairs of entire system, preventive maintenance testing & calibration, labour and spares and all software updates.</p> <p>During the Comprehensive Maintenance Contract (CMC) period in case of non-compliance of the above, liquidated damages at the rate of 0.075% of the Contract Price per non-functional unit per day beyond 10 days in a year shall be imposed and equivalent amount shall be deducted from the CMC payment.</p> <p>For both a) and b) above:</p> <p>The maximum response time for maintenance complaint from any part of the country shall not exceed 48 hours including the travel time.</p> <p>The unit must be made functional within 7 working days (including response time) from the time a defect is reported to the Supplier. In case, a replacement of defective Goods needs more than 7 working days, as an interim solution the bidder must make available a Service / Goods part for complete functioning of the Goods within the same specified time frame as mentioned above. However, the defective Goods must be replaced within 30 days.</p>

GCC 13.1

Details of Shipping and other Documents to be furnished by the Supplier are given below:

GCC 13.1 Upon delivery of the goods to the transporter/consignee, the supplier shall notify the purchaser and mail the following documents to the Purchaser :

- (i) **Four** Copies of the Supplier invoice showing contract number, goods description, quantity, unit price, total amount;
- (ii) Delivery note, Railway receipt, or Road consignment note or equivalent transport document or acknowledgement of receipt of goods from the Consignee;
- (iii) **Four** Copies of packing list identifying contents of each package;
- (iv) Insurance certificate;
- (v) Manufacturer's/Supplier's warranty certificate;
- (vi) Inspection certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; and
- (vii) Certificate or origin.

The above documents shall be received by the Purchaser before arrival of the Goods (except where it is handed over to the Consignee with all documents) and if not received, the supplier will be responsible for any consequent expenses.

GCC 15.1	The prices charged for the Goods supplied and the related Services performed <i>shall not</i> be adjustable.
GCC 16.1	GCC 16.1 Payment shall be made in Indian Rupees in the following manner:

- (a) (i) *Advance Payment:* Ten (10) % of the total contract price shall be paid within thirty (30) days of signing of Contract and upon submission of claim / against a simple receipt and a bank guarantee for the equivalent amount valid until the goods are delivered and in the form provided in the bidding documents or another form acceptable to the Purchaser.
- (ii) *On Delivery:* Eighty (80)% of the contract price shall be paid on receipt of Goods and upon submission of the documents specified in Clause 13 of SCC; and
- (iii) *On Final Acceptance:* the remaining ten (10) % of the Contract Price shall be paid within thirty (30) days after the date of the Acceptance Certificate issued by the Purchaser's representative in the proforma given in Section VII - item 6.
- (b) The supervision charges and the to-and-fro travel charges shall be paid for the actual person days deployed and actual number of visits undertaken by the supervisor(s) within thirty (30) days of receipt of claim. No charges will be paid for intervening and preceding holidays. A Person day shall consist of eight working hours during a period of 24 hours. In case of work beyond eight hours (during the said period of 24 hours) such periods shall be added and the total number of hours achieved shall be converted into person days, presuming each person day consists of eight working hours.

Payment for Comprehensive Maintenance Contract (CMC)

The CMC cost (after warranty period) shall be paid in equal quarterly installments at the end of each quarter within 30 days of receipt of claim at the start of the next quarter, as per completion of warranty/maintenance obligations of the previous quarter, at the rates quoted in the price schedule and on receipt of bank guarantee for 5% of the cost of equipment (excluding CMC cost) valid till 60 days after expiry of the entire CMC period.

	<p>(c) (i) For all the payments to be made, against Bank guarantees, the bank guarantee shall be issued by a Scheduled Indian Bank located in India in the format enclosed at Section X. The guarantees issued by other banks should be confirmed by a Scheduled Indian Bank or a foreign bank operating in India.</p> <p>(ii) Bank guarantees for advance payment shall be released not later than 30 days after the date of completion of supply of the goods at their final destination.</p>
<p>GCC 16.5</p>	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 30 days.</p> <p>The interest rate that shall be applied is 6.65%. (<i>Prime Bank lending rate of State Bank of India</i>)</p>
<p>GCC 17</p>	<p>In the case of tax/ duty waiver, the purchaser will issue only the certificates in terms of the Government of India's notification as per information given by supplier in form stipulated in Section IV. Supplier is solely responsible for obtaining such benefits and in case of failure to receive such benefits, the purchaser will not compensate the supplier separately.</p>

<p>GCC 18.1</p>	<p>a) Within 21 days after the Supplier's receipt of Notification of Award, the Supplier shall furnish Performance Security to the Purchaser for an amount of 5 % of the Contract Price, valid up to minimum 60 days after the date of completion of all contractual obligations, including the Warranty obligations.</p> <p>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 and the Performance Bank Guarantee for proportionate value shall be extended for 60 days over and above the extended warranty period.</p> <p>b) In addition, if the Consignees requires CMC services in accordance with article 12 of the GCC/SCC, within 21 days of the notification by the Consignees of the CMC requirement, the Supplier shall submit to the Consignees a bank guarantee as performance security for CMC services for an amount equivalent to 5% (five per cent) of the cost of equipment valid till 60 days after expiry of the entire CMC period as specified in article SCC 12. Upon acceptance of the bank guarantee for CMC services by the Consignees, the Performance Security mentioned under art. 18.1 a) above will be returned back to the Supplier by the Purchaser.</p>
<p>GCC 18.3</p>	<p>If required, the Performance Security shall be in the form of a "Bank Guarantee" or "a cashier's cheque or banker's certified cheque or crossed demand draft or pay order" drawn in favour of The Comptroller, CSKHPKV, Palampur.</p>

GCC 18.4	Discharge of the performance Security shall take place not later than 60 days following the date of completion of the Supplier’s performance obligations, including the warranty obligation, under the contract.
GCC 18.5	<p>Add as Clause 18.5 to the GCC the following:</p> <p>In the event of any contractual 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.</p>
GCC 23.2	<p><u>Packing Instructions:</u> The Supplier will be required to make separate packages for each Consignee. Each package will be marked on three sides with proper paint/indelible ink with the following:</p> <p>(i) Project Name; (ii) Contract No.; (iii) Country of Origin of Goods; (iv) Supplier’s Name; (v) Packing List Reference Number.</p> <p>Suppliers should use recycled materials as much as possible for packing</p>
GCC 24.1	The insurance shall be paid in an amount equal to 110 percent of the EXW value of the Goods from “Warehouse to warehouse (final destination)” on “All Risks” basis including War Risks and Strikes.
GCC 25.1	The Supplier is required under the Contract to transport the Goods duly insured to the specified final destination, and all related costs shall be included in the Contract Price.

<p>GCC 25.2</p>	<p>Incidental services to be provided are:</p> <ol style="list-style-type: none"> 1. <i>Installation of supplied Goods and performance or supervision of on-site assembly</i> 2. <i>Demonstration and training of the personnel at the Purchaser's destination</i> 3. <i>furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</i> 4. <i>performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract;</i>
<p>GCC 26.1</p>	<p>The inspections and tests shall be:</p> <p>Post-dispatch inspection:</p> <ol style="list-style-type: none"> 1. Inspection of unopened seal to ensure credibility – One time 2. Testing the working condition of the Goods – One time 3. Inspecting for any manufacturing defect – One time 4. Inspecting the magnification capacity and the lens of the microscope – Till it becomes perfect 5. Inspecting the light source and filters provided – Till it becomes perfect 6. Inspecting the connectivity between microscope, computer and large digital display - Till it becomes perfect <p>All procedures as per the documented Standard procedures of the seller</p>
<p>GCC 26.2</p>	<p>The Inspections and tests shall be conducted at: <i>[insert name(s) of location(s)]</i></p> <ol style="list-style-type: none"> 1. Madras Veterinary College, Chennai – 600 007 2. Veterinary College and Research Institute, Namakkal - 637002 3. College of Food and Dairy Technology, Koduvalli, Chennai – 600052

GCC 27.1

The liquidated damages shall be: 0.5% of contract price per week or part thereof.

The maximum amount of liquidated damages shall be: 10% of the contract price.

<p>GCC 28.3</p>	<p>The period of validity of the Warranty shall be 24 months from date of acceptance of the Goods or 30 months from the date of shipment, whichever occurs earlier</p> <p>For purposes of the Warranty, the place(s) of final destination(s) shall be:</p> <ol style="list-style-type: none"> 1. Madras Veterinary College, Chennai – 600 007 – 8 2. Veterinary College and Research Institute, Namakkal - 637002 3. College of Food and Dairy Technology, Koduvalli, Chennai – 600052 <p>GCC 28.3—In partial modification of the provisions, the warranty period shall be 24 months from date of acceptance of the Goods or 30 months from the date of shipment, whichever occurs earlier. The Supplier shall, in addition, comply with the performance and/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:</p> <ol style="list-style-type: none"> (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) pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be equivalent to the actual cost of modification required subject to a maximum of 10% of the contract cost of the subject equipment.
<p>GCC 28.5</p>	<p>The period for repair or replacement shall be: 30 days.</p>

GCC 31.1	This clause will apply only to variations in GST and other taxes payable in India on the final product which is being supplied and not for variations in tax on the individual components / raw materials which go into the product.
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Attachment: Price Adjustment Formula

Not applicable

SECTION X – CONTRACT FORMS

1. LETTER OF ACCEPTANCE

[letterhead paper of the Purchaser]

[date]

To: *[name and address of the Supplier]*

Subject: **Notification of Award Contract No.**

This is to notify you that your Bid dated *[insert date]* for execution of the
. *[insert name of the contract and identification number, as given in the SCC]*.
for the Accepted Contract Amount of *[insert amount in numbers and words in Rupees]*, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish the Performance Security within 21 days in accordance with the Conditions of Contract, using for that purpose the of the Performance Security Form included in Section X, Contract Forms, of the Bidding Document.

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Agency: _____

Attachment: Contract Agreement

2. CONTRACT AGREEMENT

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert: **number**]* day of *[insert: **month**], [insert: **year**]*.

BETWEEN

- (1) *[insert complete name of Purchaser], a [insert description of type of legal entity, for example, an agency of the Ministry of of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }] and having its principal place of business at [insert address of Purchaser] (hereinafter called “the Purchaser”), and*
- (2) *[insert name of Supplier], a corporation incorporated under the laws of [insert: country of Supplier] and having its principal place of business at [insert: address of Supplier] (hereinafter called “the Supplier”).*

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in Rs]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract Agreement. This Agreement shall prevail over all other contract documents: In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed below.
 - (a) The letter of Acceptance
 - (b) this Contract Agreement
 - (c) The Supplier’s letter of Bid and original completed Schedules including Price Schedules
 - (d) Special Conditions of Contract
 - (e) General Conditions of Contract
 - (f) Technical Requirements (including Schedule of Requirements and Technical Specifications)
 - (g) *[Add here any other document(s) listed in GCC/SCC as part 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 whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*
in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
in the capacity of *[insert title or other appropriate designation]*
in the presence of *[insert identification of official witness]*

3. Performance Security - Bank Guarantee

[Guarantor letterhead or SWIFT identifier code]

Performance Guarantee No.....*[insert guarantee reference number]*

Date.....*[insert date of issue of the guarantee]*

To: _____ *[name of Purchaser]*

_____ *[address of Purchaser]*

WHEREAS _____ *[name and address of Supplier²¹]* (hereinafter called "the Applicant") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ *[name of Contract and brief description of Goods and related Services]* (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Applicant shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Applicant such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Applicant, up to a total of _____ *[amount of guarantee²²]* _____ *[in words]*, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ *[amount of guarantee]* as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Applicant before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Goods and related Services to be supplied thereunder or of any of the Contract documents which may

²¹*In the case of a JV, insert the name of the Joint Venture*

²²*An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract and denominated in Indian Rupees.*

be made between you and the Applicant shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until (i.e.) 60 days following the Completion date of the Contract including any warranty obligations²³, and any demand for payment under it must be received by us at this office on or before that date.

Signature and seal of the guarantor _____

Name of Bank _____

Address _____

Date _____

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

²³ Completion date as described in GC Clause 18.4

4. Advance Payment Security

Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

Advance Payment Guarantee No.....[insert guarantee reference number]

Date.....[insert date of issue of the guarantee]

To: _____ [name of Purchaser]

_____ [address of Purchaser]

_____ [name of Contract]

Gentlemen:

In accordance with the provisions of the Conditions of Contract, Clause 16 ("Terms of Payment") of the above-mentioned Contract, _____ [name and address of Supplier²⁴] (hereinafter called "the Applicant") shall deposit with _____ [name of Purchaser] a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of _____ [amount of guarantee²⁵] _____ [in words].

We, the _____ [bank or financial institution], as instructed by the Applicant, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to _____ [name of Purchaser] on his first demand without whatsoever right of objection on our part and without his first claim to the Applicant, in the amount not exceeding _____ [amount of guarantee] _____ [in words].

We further agree that no change or addition to or other modification of the terms of the Contract or of Goods and related Services to be supplied thereunder or of any of the Contract documents which may be made between _____ [name of Purchaser] and the Applicant, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

²⁴In the case of a JV, insert the name of the Joint Venture

²⁵An amount shall be inserted by the bank representing the amount of the Advance Payment, and denominated in Indian Rupees.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ *[name of Purchaser]* receives full repayment of the same amount from the Applicant. Consequently any demand for payment under this guarantee must be received by us at this office on or before that date.

Yours truly,

Signature and seal: _____

Name of Bank: _____

Address: _____

Date: _____

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.