

**WEST BENGAL STATE FOOD PROCESSING  
&  
HORTICULTURE DEVELOPMENT CORPORATION LIMITED  
(A GOVT. OF WEST BENGAL ENTERPRISE)  
BENFISH TOWER (6<sup>th</sup> Floor)  
31, G.N. Block, Sector-V  
KOLKATA – 700091**



**TENDER DOCUMENT  
FOR  
EXPRESSION OF INTEREST FOR PRODUCTION OF TISSUE CULTURE  
PLANTS**

**EOI No.43/WBSFPHDCL/1770/2021-22**

**Date:24/08/2021**

### ***Date and Time Schedule***

| <b>Sl.No.</b> | <b>PARTICULARS</b>   | <b>DATE &amp; TIME</b>   |
|---------------|--|--|
| <b>1.</b>     | <b>Date of uploading (Publishing) of EOI and other Documents(Online)</b>                 | <b>24.08.2021</b>  |
| <b>2.</b>     | <b>Documents download start date (Online)</b>  | <b>24.08.2021</b>  |
| <b>3.</b>     | <b>Bid proposal submission start date (Online)</b>                                       | <b>24.08.2021</b>  |
| <b>4.</b>     | <b>Visit to Existing T.C. Laboratory at Ayeshpur (Contact No. 6296158372/9635714310)</b> | <b>1.09.2021 between 11 A.M. to 4 P.M.</b>   |
| <b>5.</b>     | <b>Pre Bid Meeting date</b>  | <b>07.09.2021 at 3 P.M. in the meeting Hall of the Deptt of FPI&amp;H, Benfish Tower, 4th floor, 31, G.N. Block, Salt lake ,Sector-V, Kolkata-700091</b> |
| <b>6.</b>     | <b>Documents download end date(Online)</b>   | <b>15.09.2021 upto 3.00 P.M.</b>   |
| <b>7.</b>     | <b>Bid proposal Submission end date(Online)</b>  | <b>15.09.2021 upto 4.00 P.M.</b>   |
| <b>8.</b>     | <b>Date &amp; Time of opening of technical bids(Online)</b>                              | <b>17.09.2021 at 4.00 P.M.</b>   |
| <b>9.</b>     | <b>Uploading of Technical Bid Evaluation Sheet</b>                                       | <b>To be informed later</b>  |

**TENDER FOR EXPRESSION OF INTEREST FOR UTILISATION OF  
RESOURCE FOR PRODUCTION OF TISSUE CULTURE PLANTLETS**

**EOI No. 43/WBSFPHDCL/1770/2021-22**

**Date: 24/08/2021**

West Bengal State Food Processing and Horticulture Development Corporation Limited (WBSFP&HDCL) has established a Tissue Culture Laboratory at **Plot No.349/A,Vill-Ayeshpur,G.P.-Biorhi-I,Block-Haringhata,Dist-Nadia-741249** with a plinth area of 574.72 sqm approximately. The laboratory has a media preparation room (6.1m x 6.1m), production room (12.2m x 9.1m) a checking room (5.5mx 4.6m) and three growth rooms of 7.6m. x 6.1m (two) and 6.1m x 6.1msize with a production capacity of a minimum of 30 lakh tissue culture plants annually. Necessary equipment and other furniture required like racks etc. are also available. Besides, Polyhouses of – 2992 sqm, 1232 sqm, & 880 sqm, are also available for hardening. A detailed inventory of assets, equipment, structures and machines is provided in Annexure-I. WBSFP&HDCL has decided to hand over the fully equipped facility for production and marketing of tissue cultured plantlets to a successful bidder, with its own Department of Biotechnology (DBT) accredited laboratory, on an ‘AS-IS, WHERE-IS’ basis. Interested agencies with duly accredited DBT laboratories are advised to visit the site at the abovementioned address.

**SALIENT POINTS OF THE BID:**

1. Any and all Capital Expenditure and Revenue Expenditure to be made to bring the facility to an operational readiness shall be borne by the successful bidder, hereinafter called the Agency. The WBSFP&HDCL shall not bear any part of the said expenditure;
2. Ownership of any and all existing installations and additional ones, including addition/modification of civil structures, equipment, fixtures, lab implements made or brought in by the Agency shall vest in WBSFP&HDCL through the period of the contract and at the end of the contract period.
3. The contract period shall initially be for 4 years, and can be renewed for a further term of 4 years on mutually agreed terms and satisfactory performance in the first term.
4. The facility has a minimum production capacity of 30 lakh TC plantlets annually. The Agency shall bear full responsibility for the optimal usage of the said capacity;
5. The Agency shall be free to produce any and all varieties of TC plants for which it owns or purchases protocols;
6. The WBSFP&HDCL routinely undertakes procurement of TC Banana G9 for distribution programme for the Department of Food Processing Industries & Horticulture, Govt. of West Bengal. Thus, the WBSFP&HDCL reserves the right to inform the Agency by the month of June of any year within the contract period of the quantity of TC Banana G9 or any other TC Plantlets which is being produces at the facility that it will procure from the Agency. **It may be borne in**

**mind that this quantity can vary, and there may not be any procurement in a given year.**

7. In terms of (6) above, the Agency on being duly informed in time by WBSFP&HDCL of its requirement, if any, shall produce TC Banana G9 and any other TC Plantlets which is under production at the facility upto that quantity using the installed capacity of the facility. As per industry norms, 5% plants will be supplied extra to cover any spoilage/transit damage.
8. Again in terms of (4) and (5) above, the WBSFP&HDCL shall pay the agency Rs 15/TC Banana G9 or any other type of TC plantlet. This price shall be escalated by 10% year to year during the contact period by WBSFP&HDCL.
9. Apart from the procurement by WBSFP&HDCL, if any, the Agency shall be free to use the installed capacity to plan its production, and pricing thereof in case of sale to any third party.
10. No bid from any bidder shall be allowed if the said bidder is engaged in any legal dispute with either the Department of Food Processing Industries and Horticulture or the Directorate of Horticulture or the WBSFP&HDCL, or any of its Field Offices. A duly notarized certificate to this effect will have to be provided by bidders.
11. For any commercial transaction undertaken by the Agency with any third party, all legal and financial responsibility shall rest with the Agency. The WBSFP&HDCL shall bear no part of it.
12. The Agency will not have any right to the property of the facility in any form or manner. It shall act as an 'Operations and Maintenance' (O&M) partner for the WBSFP&HDCL. Under no condition will the Agency seek to hypothecate the

property of the facility or part thereof. However, the Agency may Hypothecate the inventory of TC Plantlets produced .

13. All industry safety standards and statutory requirements shall be complied by the Agency
14. The Base Royalty for the facility has been fixed at Rs 1.5 crore/annum (ONE CRORE FIFTY THKHS ONLY PER ANNUM). **Hence, the Financial Bids will start at above the Base Royalty, i.e. from Rs 1,50,00,001/-**
15. **The successful Financial Bid shall constitute the annual payment of the Agency to the WBSFP&HDCL, and payable to the WBSFP&HDCL in four equal installments at the end of each quarter of a financial year that is on 30<sup>th</sup> June, 30<sup>th</sup> September, 31<sup>st</sup> December and 31<sup>st</sup> January every year. This rate shall be escalated by 10% in every subsequent year.**
16. **In case of delayed payment, a levy of 2 %/month shall be booked as interest. However, this facility shall not be available for more than two months.**
17. **The bid will be a two stage bid, with the Financial Bids being opened of those bidders who have qualified in the Technical Bid. The evaluation of the valid bids will be on a QUALITY AND COST BASED SELECTION (QCBS) selection process, with a Technical Presentation.**
18. **The minimum score for passing the Technical Presentation shall be 70 out of a total of 100, on the parameters given subsequently in this document.**

19. The weightages assigned for Technical Presentation and Financial Bid are 60% and 40%, respectively.

## **TWO BID SYSTEMS**

### ***A. For Technical Proposal***

The technical proposal shall contain the signed and scanned copies of the following-

Cover-I- This cover should be marked as Technical bid and should contain papers with covering letter on letter head of the bidder giving the detailed technical information as required vide Part-A of the tender document.

**The requisite documents are to be submitted in the respective folder of the E-Tender portal. Failure to submit any of the above documents may render the Bidder liable to be rejected without any reference to bidder.**

### ***B. For Financial Proposal***

The Financial proposal should contain-

**Bill of Quantity (BOQ):-** The rate should specify royalty rate offered by the Agency as detailed vide BOQ of this tender.

**The participant will be rejected in case the BOQ/Financial Bid is uploaded in the folder of Technical Bid.**

**The bids shall be evaluated on a 'QUALITY AND COST BASED SELECTION' (QCBS) method, with 60% weightage for Technical Bid, and 40% weightage for Financial Bid. The technical bid shall be evaluated against a of 100 marks , totaled over all the parameters. The financial quote of the highest bidder shall be assigned a mark of 100, and all the other bids shall be normalized against it. Both the technical bid and the financial bid will then be assessed by assigning the respective weightages against them.**

**It must be noted that Financial proposal of a bidder shall only be opened in case the bidder qualifies in the Technical proposal.**

**EXAMPLE: This example with four bidders lays down the QCBS evaluation methodology to be adopted.**

| <b>BIDDER</b> | <b>TECHNICAL BID MARKS<br/>(out of 100)</b> |
|---------------|---|
| <b>A</b>      | 92  |
| <b>B</b>      | 75  |
| <b>C</b>      | 50  |
| <b>D</b>      | 85  |

**QCBS Grading System**

| <b>RANGE</b> | <b>MARKS</b> |
|--------------|--------------|
| 91-100       | 100          |
| 81-90        | 90           |
| 71-80        | 80           |

Conversion of Technical Marks to Technical Score:

BIDDER A: 100

BIDDER B: 80

BIDDER C: REJECTED

BIDDER D: 90



| <b>BIDDER</b> | <b>FINANCIAL BID</b> |
|---------------|----------------------|
| A             | 2.5 CRORE            |
| B             | 3.2 CRORE            |
| D             | 2.1 CRORE            |

Conversion of Financial Bid to Financial Score:

| <b>BIDDER</b> | <b>FINANCIAL BID</b> | <b>FINANCIAL SCORE<br/>(bid/highest bid*100)</b> |
|---------------|----------------------|--|
| A             | 2.5 CRORE            | 78.125   |
| B             | 3.2 CRORE            | 100  |
| D             | 2.1 CRORE            | 65.625   |

Combined Score taking weightages:

| <b>BIDDER</b> | <b>WEIGHTED SCORE<br/>(Technical Score x 0.6)<br/>+ (Financial Score x 0.4)</b> | <b>RANK</b> |
|---------------|---|-------------|
| A             | 91.25   | 1           |
| B             | 88  | 2           |
| D             | 80.25   | 3           |

**Technical Parameters of bids.**

| <b>SINo.</b>   | <b>Description of Parameters</b>   | <b>Marks</b> | <b>Maximum Marks</b> |
|--|--|--------------|----------------------|
| 1  | Bidder's average annual turnover in last three financial years                       |              | 50                   |
|  | Rs 2 Cr to Rs 4 Cr   | 10           |                      |
|  | Rs 4+ Cr to Rs 8 Cr  | 15           |                      |
|  | Above Rs 8 Cr  | 25           |                      |
| <b>Proof to be enclosed: Certified Audit Statement</b>             |  |              |                      |
| 2  | Capabilities   |              | Maximum Marks        |
|  | No. of Tissue Culture Plants produced and sold by the bidder in the last three years |              | 50                   |
|  | 1. 2lakh to 5 lakh plants  | 10           |                      |
|  | 2. 5 Lakh to 10 lakh plants  | 15           |                      |
|  | 3. More than 10 lakh plants  | 25           |                      |
| <b>Proof to be enclosed: Sales statement certified by Auditor.</b> |  |              |                      |

## TERMS & CONDITIONS

1. The tender shall be accompanied by interest free **EMD Rs.2,00,000/-** in online mode only.

### 2. **BID PROCEDURE**

#### a. **Registration of Bidder:**

Any bidder willing to take part in the process of e-Tender will have to be enrolled & registered with the **Government e-Procurement System / Portal:** **<http://www.wbtenders.gov.in>**

#### b. **Digital Signature Certificate (DSC)**

Each bidder is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC).

#### c. **Collection of Tender Documents**

The intending Bidders can search and download NIT and Tender Document(s) electronically / from the **Government e-Procurement System / Portal** using the Digital Signature Certificate. **This is the only mode of collection of Tender Documents.**

#### d. **Submission of Tenders**

Tenders are to be submitted online on the website **<http://www.wbtenders.gov.in>** in two folders before the prescribed date and time using the Digital Signature Certificate (DSC). The documents are to be uploaded in the form of virus scanned copy duly signed. The documents will get encrypted (transformed into non readable formats).

#### e. **Earnest Money Deposit (EMD)**

**Detailed procedure for online submission of Earnest Money Deposit (EMD)**

Procedure to be followed for online submission of EMD is as below-

**i. Login by Bidder**

- a. A Bidder desirous of taking part in the tender invited by the Corporation shall logon to the e-procurement portal of <http://www.wbtenders.gov.in> using his login ID and password.
- b. He will select the tender to bid and initiate payment of pre-defined EMD / Tender Fees for that tender by selecting from either of the following payment modes:
  - i. Net banking (any of the Banks listed in the ICICI Bank Payment gateway) in case of payment through ICICI Bank payment Gateway.
  - ii. RTGS/NEFT in case of offline payment through bank account in any Bank.

**ii. Payment by Net Banking (any listed Bank) through ICICI Bank Payment Gateway**

- a. On selection of net banking as the payment mode, the Bidder will be directed to ICICI Bank Payment Gateway webpage (along with a string containing a Unique ID) where he will select the Bank through which he wants to do the transaction.
- b. Bidder will make the payment after entering his Unique ID and password of the Bank to process the transaction.
- c. Bidder will receive a confirmation message regarding success/failure of the transaction.
- d. If the transaction is successful, the amount paid by the Bidder will get credited to the concerned pooling account maintained

with the Focal Point Branch of ICICI for collection of EMD/Tender Fees.

- e. If the transaction is failure, the Bidder will again try for payment by going back to the first step.

**iii. Payment through RTGS/ NEFT**

- a. On selection of RTGS/NEFT as the payment mode, the e-procurement portal will show a pre-filled challan having the details to process RTGS/NEFT transaction.
- b. The Bidder will print the challan and use the pre-filled information to make RTGS/NEFT payment using his bank account.
- c. Once payment is made, the Bidder will come back to the e-procurement portal after expiry of a reasonable time to enable the NEFT/RTGS process to complete, in order to verify the payment made and continue the bidding process.
- d. If verification is successful, the fund will get credited to the concerned Pooling account maintained with the Focal Point Branch of ICICI Bank for collection of EMD/Tender Fees.
- e. Hereafter, the Bidder will go to e-procurement portal for submission of his bid.
- f. But, if the payment verification is unsuccessful, the amount will be returned to the bidder's account.

**iv. Refund of Earnest Money Deposit**

The Earnest Money of all unsuccessful bidders will be refunded by the WBSFP&HDCL within 30 days from the date of finalization of tender. In case of successful bidder, the Earnest Money deposit will be released after 90 days from the date of the first remittance of royalty to the WBSFP&HDCL. No interest on Earnest Money will be paid by the Corporation.

**v. Forfeiture of Earnest Money Deposit will be mandated under the following circumstances**

- a. Withdrawal of bid, while bids are under consideration during the tendering period.
- b. Any unilateral revision made by the Bidder during the valid period of offer.
- c. Failure to accept the “Letter of Intent” or execute the Agreement.**
- d. Failure to execute supply of the entire order or part thereof.
- e. Providing false or fabricated information / documents.

**vi. Clarification of Bidding Document**

- a. If there is any discrepancy or obscurity in the meaning of any clause of the bid document or if there is any query of the intending bidder, the bidder shall set forth in writing such discrepancies, doubt, obscurity or queries and submit the same to the Corporation marked to the ‘MD, WBSFP&HDCL’ prior to the date fixed for pre-bid meeting.
- b. The queries may be sent by email also to [wbsfphdcl@gmail.com](mailto:wbsfphdcl@gmail.com) up to one day before the date fixed for pre-bid meeting.

- c. The queries received by email up to one day before the date fixed for pre-bid meeting only shall be considered for response.
- d. Verbal queries will be accepted on the day of the pre-bid meeting. After the pre-bid meeting no query shall be entertained.
- e. **The clarification given in response to the queries and issues raised in the pre-bid meeting shall be in the form of a Corrigendum/Addendum and shall be final and binding on the bidder.**

**vii. Amendment of Bidding Document**

At any time, prior to the deadline for submission of bids, WBSFP&HDCL may, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by issuing amendments. Any such amendment shall form the part of the bidding document. **Such amendments and clarifications in response to pre-bid meeting will be published on the same website and also on the website of the Deptt. of Food Processing Industries&Horticulture(<http://www.wbfpih.gov.in>). Prospective bidders are requested to visit the above mentioned websites on a regular basis to keep abreast of any news. WBSFP&HDCL will bear no responsibility or liability for bidders failing to do so.**

In order to afford the prospective bidders reasonable time in which to take the amendment into account in preparing their bids, WBSFP&HDCL may extend the deadline for submission of bids. Such amendments, clarifications etc. shall be binding on the bidders and will be given due consideration by the bidders while they submit their bids and invariably enclose such documents as a part of the bid.

**viii. Penalty for suppression / distortion of fact**

If any bidder fails to produce the original hard copies of the documents (especially Credential Certificates and audited balance sheets), or any other documents on demand of the Tender Committee within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies or if there is any suppression, the bidder will be suspended / debarred / blacklisted / disqualified from participating in the tenders of the WBSFP&HDCL and the Department of Food Processing Industries and Horticulture for a period of 3 (Three) years. In addition, his Earnest Money Deposit will stand forfeited. Besides, WBSFP&HDCL may take appropriate legal action against such defaulting bidder.

3. The successful bidder shall remit interest free Security Deposit of Rs. 500000 with WBSFP&HDCL within 15 days from the date of receiving the WBSFP&HDCL 's work order/intimation. EMD of the successful bidder can be adjusted against the Security Deposit. Failure to remit the Security Deposit within specified time will result in forfeiture of EMD.
4. The successful Agency shall at his cost execute an Agreement with WBSFP&HDCL on non-judicial stamp paper as per the Terms & Conditions, sign each page of the Terms & Conditions and submit the same to WBSFP&HDCL in two original documents along with the Security Deposit.
5. Agency's failure to operationalize the facility within 60 days of the signing of the Agreement will result in cancellation of the work order and forfeiture of the Security Deposit.
6. The Agency shall pay the royalty to WBSFP&HDCL on quarterly basis in equal installments



7. All inputs required for production including the protocol for production will be procured by the Agency at its own risk and cost.
8. The Agency should also take care of all the legal formalities connected to the labour, and other matters associated with the production of tissue culture plant. And WBSFP&HDCL will, in no way, be responsible for any consequence arising out of any defaults of the Agency
9. The production will be undertaken by the Agency under its own supervision and employing its own staff.
10. The WBSFP&HDCL shall post its employee at the T.C. Lab to oversee the compliance of the Agreement.
11. All available infrastructure i.e. power connection, water connection, available building, green house etc. shall be handed over to the Agency and Agency shall be responsible for running maintenance and operation expenses. All the bills in respect of above expenses will be paid by the Agency.

#### **OTHER CONDITIONS**

12. The bidder shall be responsible for payment of GST, if any.
13. At the end of the contract, the Agency shall handover the laboratory along with other fittings etc. in good condition. In case of any damage to the permanent fixture and equipment, buildings etc. the Agency will make good the losses. In such case WBSFP&HDCL may deduct the amount from the Security Deposit /pending payments etc. lying with WBSFP&HDCL .
14. WBSFP&HDCL reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.
15. Conditional offers shall not be accepted and the bidder shall not impose any additional conditions whatsoever.

16. In the event of any question/dispute or difference arising between WBSFP&HDCL and the supplier on any matter covered by these Terms & Conditions or arising directly or indirectly there from or connected with these Terms & Conditions in any manner, the matter shall be sorted out between the Managing Director, WBSFP&HDCL and the Agency and in the case of non-resolution of dispute the matter shall be referred to the ACS/Pr Secretary/Secretary of the Department of Food Processing Industries and Horticulture. . When at this level the dispute is not resolved, the dispute would be resolved to a sole Arbitrator appointed jointly by the two parties and his award shall be final.

The High Court at Calcutta alone shall have jurisdiction to adjudicate thereon.

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For the Tender's use

I have read and understood the foregoing Terms & Conditions and I agree to abide by them.

**Date:**

**Place:**

**Signature** \_\_\_\_\_

**Name** \_\_\_\_\_

**Full Address** \_\_\_\_\_

\_\_\_\_\_

**WEST BENGAL STATE FOOD PROCESSING  
&  
HORTICULTURE DEVELOPMENT CORPORATION LIMITED  
(A GOVT. OF WEST BENGAL ENTERPRISE)  
BENFISH TOWER (6th Floor)  
31, G.N. Block, Sector-V  
KOLKATA - 700091**

**Part-A**

**PROFORMA FOR TECHNICAL BID**

1. Name \_\_\_\_\_ of  
Bidder/Agency: \_\_\_\_\_

2. Address \_\_\_\_\_ of \_\_\_\_\_ Bidder/Agency:  
\_\_\_\_\_  
\_\_\_\_\_

3. Details of the laboratory. Name, location, crops handled, annual production crop  
wise (for last 3 yrs) **(Attach Supporting documents)**

4. Qty.sold crop wise for last 3 years with list of supplier including private & govt.  
agencies. **(Attach Supporting documents)**

5. PAN No. \_\_\_\_\_  
**(Attach copy of PAN card)**

6. GST NO. \_\_\_\_\_  
**(Attach copy of GST Registration)**

7. ITR for any three Financial/ Assessment years for the period from 2017-18 to  
2020-21**(Attach copy of ITR)**

8. Audited balance sheet of the Company for any three financial years for the period from 2017-18 to 2020-21 to prove the financial soundness. **(Attach copy of audited balance sheet)**
9. **DBT Certification, valid till 31.03.22**
10. **CAPEX proposed with items for bringing the facility to an operational level, in Rupees.**

Also as required EMD for Rs. 2,00,000/- is submitted on line through RTGS/ NEFT.

**Dated:**

**Place:**

**Signature -----**

**Name -----**

**Complete Address -----**

-----

**Phone No. -----**

**Fax No. -----**

**e-mail -----**

**CHECK LIST FOR TECHNICAL EVALUATION OF TENDER**

| <b>SN</b> | <b>Particulars</b>  | <b>Remarks Yes or No</b> |
|-----------|---|--------------------------|
| 1         | EMD as per tender Rs.1,00,000/-   |                          |
| 2         | Details of the laboratory. Name, location, crops handled, annual production cropwise (for last 3 yrs) <b>(Attach Supporting documents)</b>  |                          |
| 3         | Qty.sold crop wise for last 3 years with list of supplier including private & govt. agencies. <b>(Attach Supporting documents)</b>  |                          |
| 4         | PAN Number <b>(Copy of PAN Card)</b>  |                          |
| 5         | GST No. <b>(Copy of GST Registration)</b>   |                          |
| 6         | ITR for any three Financial/ Assessment years for the period from 2017-18 to 2020-21 <b>(Attach copy of ITR)</b>  |                          |
| 7         | Audited balance sheet of the Company for any three financial years for the period from 2017-18 to 2020-21 to prove the financial soundness. <b>(Attach copy of audited balance sheet)</b> |                          |
| 8         | Other document if any in support of the tender.   |                          |
| 9         | Agency Details- Name, Address of the Agency , Ph. No. & email   |                          |

**WEST BENGAL STATE FOOD PROCESSING  
&  
HORTICULTURE DEVELOPMENT CORPORATION LIMITED  
(A GOVT. OF WEST BENGAL ENTERPRISE)  
BENFISH TOWER (6th Floor)  
31, G.N. Block, Sector-V  
KOLKATA - 700091**

**Annexure-I**

**List of Inventory of Assets, Equipment, Structures and Machines at T.C.  
Lab, Ayeshpur, Nadia**

| <b>Building</b> |   |
|-----------------|---|
| <b>Sl. No.</b>  | <b>Particulars</b>                                      |
| 1               | One No. Two Storeyed Tissue Culture Laboratory Building |
| 2               | Three Nos. Single Storeyed Staff Quarter Building       |

| <b>Laboratory Infrastructure</b> |                           |                        |
|----------------------------------|---------------------------|------------------------|
| <b>Sl. No.</b>                   | <b>Particulars</b>        | <b>Available Rooms</b> |
| 1                                | Dress Change / Apron Room | 1                      |
| 2                                | Leg Washing Area          | 0                      |
| 3                                | Toilet                    | 2                      |
| 4                                | Bottle washing room       | 1                      |
| 5                                | Media Preparation Room    | 1                      |
| 6                                | Post Autoclave Room       | 1                      |
| 7                                | Media Store Room          | 1                      |
| 8                                | Common Corridor           | 1                      |
| 9                                | Plant inoculation Room    | 1                      |
| 10                               | Plant Growth Room         | 3                      |

| <b>Laboratory Equipment / Facilities</b> |  |                 |             |
|--|--|-----------------|-------------|
| <b>Sl. No.</b>                           | <b>Name of Laboratory Equipment</b>      | <b>Quantity</b> | <b>Unit</b> |
| 1  | Autoclave Horizontal, SS                 | 1               | pc          |
| 2  | Autoclave Vertical, SS                   | 2               | pc          |
| 3  | Balance                                  | 4               | pc          |
| 4  | pH Meter                                 | 4               | pc          |
| 5  | Refrigerator                             | 1               | pc          |
| 6  | Bottle Washing Unit                      | 1               | pc          |
| 7  | Magnetic Stirrer 10 L cap                | 1               | pc          |
| 8  | 5 L Cap                                  | 1               | pc          |
| 9  | Air Curtain                              | 4               | pc          |
| 10                                       | AC Machine (for lab): 1 Ton              | 12              | pc          |
| 11                                       | Static Rack with Illumination            | 9               | pc          |
| 12                                       | Glass bead sterilizer                    | 9               | Sets        |
| 13                                       | Erra Glass bottles with cap              | 22000           | pc          |
| 14                                       | SS Trolley 76 X 40 cm movable            | 8               | pc          |
| 15                                       | Pressure air module (810 X 560 X 560 mm) | 8               | pc          |
| 16                                       | Laminar Flow (Horizontal 6' X 2' X2')    | 9               | pc          |
| 17                                       | Tray 440 X 375 X 75 mm 16 bottle holding | 733             | pc          |
| 18                                       | Mobile Racks (with illumination)         | 9               | pc          |
| 19                                       | Diesel Generator                         | 1               | pc          |

| <b>Plant Hardening Facilities</b> |   |                 |             |
|-----------------------------------|---|-----------------|-------------|
| <b>Sl. No.</b>                    | <b>Particulars</b>  | <b>Quantity</b> | <b>Unit</b> |
| 1                                 | Shade Net House<br>[Needs repairing. Only structure is present.<br>Irrigation Facility needs to be installed] | 1860            | Sq. m       |
| 2                                 | Naturally Ventilated Poly Green House<br>[Irrigation Facility needs to be installed]                          |                 |             |
|                                   | Poly House 1  | 1232            | Sq. m       |
|                                   | Poly House 2  | 880             | Sq. m       |
|                                   | Poly House 3  | 2992            | Sq.m        |

S/d  
Managing Director  
WBSFP&HDCL