



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

NIT No:54/WBSFPHDCL/1770/2025-26

Date: 19.01.2026

NOTICE INVITING E-TENDER

1. Invitation:

Online E-Tenders are hereby invited in **Two Bid System** from the reputed, experienced and bonafied contractor having sufficient credential and financial capabilities for the following nature of work:

Name of Work	Place of Work	Area	Total Vetted Estimated Cost for Work	Earnest Money	Period of Completion of Work
New Construction of Hi-tech Poly House including Supply & installation for Integrated Cultivation and Research of Tropical Orchids in a Controlled Environment	Ayeshpur Farm, Nadia	2 X 500 Sq. m. = 1000 Sq. m.	2 X ₹ 44,73,105/- = ₹ 89,46,210/- (Rupees Eighty Nine Lakh Forty Six Thousand Two Hundred Ten only)	₹ 1,78,924/- (Rupees One Lakh Seventy Eight Thousand Nine Hundred Twenty Four only) [@ 2% of the Vetted Estimated Cost]	60 (Sixty) Days from the issue of Work Order

2. Scope of Work:

- I. The WBSFPHDCL, hereinafter referred to as the Tender inviting Authority, seeks for execution of the Construction work, as specified in **Annexure - III**, from experienced bonafide Contractors.
- II. The successful Bidder has to complete the entire Construction work within stipulated time without fail.

3. Date & Time Schedule:

Sl. No.	Particulars	Details of Tender
1	Tender No.	54/WBSFPHDCL/1770/2025-26 Dated 19.01.2026
2	Cost of Tender Document	Rs. 2,000/-
4	Date of uploading (Publishing) of N.I.T. and other Documents (Online)	19.01.2026 at 01:00 P. M.
5	Documents download start date (Online)	19.01.2026 at 02.00 P.M.
6	Bid Proposal Submission Start Date (Online)	28.01.2026 at 2.00 P.M.
7	Date of Site Visit	27.01.2026 (From 11:00 a. m. to 4:00 p. m.)
8	Documents download end date (Online)	03.02.2026 up to 4.00 P.M.
9	Bid proposal Submission end date (Online)	03.02.2026 up to 4.00 P.M.
10	Date & Time of opening of technical bids (Online)	05.02.2026 at 4.00 P.M.
11	The tenderer may lodge objection to the tender inviting authority (if any) within two days (48 hours) from the date of publication of list of technically qualified bidders and beyond that time schedule, no objection will be entertained by the authority.	

4. Eligibility criteria for participation in the Tender:

- i. The prospective Bidder must have valid documents as per Clause 5A of this E-Tender Document.
- ii. Intending tenderers should have to produce a credential for execution of **new construction / Repairing of Poly House with Fan & Pad Cooling System (not below 1000 Sq. m. area)** either
 - a. work value of the minimum 40% of the estimated amount put to tender in a single E-Tender or
 - b. work value of 30% of the estimated amount in two E-Tender in a single Financial Year put to tender at any State/Central Government Organizations of State/Central Govt. Undertakings or Statutory Bodies or Local Bodies or Parastatals within the last five financial years i.e. F.Y. 2021-22, 2022-23, 2023-24, 2024-25 & 2025-26 prior to the date of issue of the tender notice.
- iii. The Bidder must have the copy of the Payment Certificate or Work Completion Certificate, as the case may be, issued under the signature of the Competent Authority. The said Certificate should contain the particulars of the work completed, period of work and the total value of work.

5. Mandatory Documents Requirement:

A. For Technical Proposal

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

- a. Filled in form as given in Annexure – I
- b. Income Tax Return with Computation Certificate (For any three consecutive financial years within financial years 2019-20, 2020-21, 2021-22, 2022-23 & 2023-24)
- c. PAN Card
- d. Latest P. Tax Paid Challan
- e. Valid 15 Digit GSTN under GST Act 2017 & Registration Certificate
- f. Trade License valid as on submission of bid
- g. Technical Credentials
 - i. Completion certificate for the work in technical credentials
Or
 - ii. Payment certificate of the said work
- h. Partnership Deed in case of partnership firm
- i. Audited Balance Sheet with Profit-loss account (For any three consecutive financial years within financial years 2019-20, 2020-21, 2021-22, 2022-23 & 2023-24).
- j. Declaration in the agency's letterhead as to correctness of the copies of all documents submitted including Undertaking to the effect that the agency has not been blacklisted / debarred by any Govt. / Non Govt. Concern.
- k. Document in support of exemption in depositing earnest money (if claimed).

The requisite documents are to be submitted in the respective folder of the E-Tender portal. Failure in submission of any of the above documents may render the Bidder liable to be rejected.

Note: Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:

- a. made misleading or false representations in the forms, statements, affidavits and attachments submitted in proof of the qualification requirements; and/or
- b. record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion/execution of work, litigation history, or financial failures etc; and/or
- c. Participated in the previous bidding for the same work and had quoted unreasonably high or low bid prices and could not furnish rational justification for it to the Employer.

B. For Financial Proposal

The Financial proposal should contain

Bill of Quantity (BOQ): The Bidder is to quote the rate online (At Par / % below / % above) in the space marked in the BOQ for "New Construction of Hi-tech Poly House including Supply & installation, for Integrated Cultivation and Research of Tropical Orchids in a Controlled Environment at Ayeshpur Farm, Nadia".

The participant will be rejected in case it is uploaded in the folder of Technical Bid.

GENERAL TERMS AND CONDITIONS

1. Registration of Bidders

Any Bidder willing to take part in the process of e- Tendering will have to be enrolled and registered with the Government e-Procurement system/ Portal, <http://www.wbtenders.gov.in>. Each Bidder is to obtain a Digital Signature Certificate for submission of tenders from the approved Service Provider of the National Informatics Centre (NIC).

2. Collection of Bid Documents

The Bidder can search and download NIT and Tender Documents electronically from the Government e-Procurement system using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

3. Submission of Tender

Tenders are to be submitted online on the website <http://www.wbtenders.gov.in> in two folders at a time, one in Technical Proposal and the other in Financial Proposal, before the prescribed date and time, using the Digital Signature Certificate. The documents submitted by the Bidder should be properly indexed and self-attested with seal.

4. Earnest Money

i. Online Deposition of Tender fees and Earnest Money

Tender fees and Earnest Money are to be deposited in favour of the WEST BENGAL STATE FOOD PROCESSING& HORTICULTURE DEVELOPMENT CORPORATION LIMITED through ICICI Bank Payment Gateway failing which the tender will be treated as informal. The Bidders desirous of taking part in the tender have to deposit Tender fees @ Rs. 2000/- (Rupees Two thousand only) and Earnest Money @ Rs. 1,78,924/- (Rupees One Lakh Seventy Eight Thousand Nine Hundred Twenty Four only).

For deposition of Earnest Money (at the prescribed rate), the Bidders can refer to the user manual available in “Bidders Manual Kit (Point 10)”. Payment should not be made in Corporation’s Account directly. It should be deposited through options available on the tendering portal only.

ii. Refund of Earnest Money deposit & Security deposit:

The Earnest Money of all Bidders will be refunded by the WBSFPHDCL within 15 days from the date of finalization of tender. No interest on Earnest Money will be paid by the Corporation.

iii. Forfeiture of Earnest Money deposit:

Earnest Money deposit is liable for forfeiture in the event of:

- a. Withdrawal of offers, while offers are under consideration during the validity period
- b. Non acceptance of work order

- c. Any unilateral revision made by the Bidder during the valid period of the offer
- d. Failure to execute work of the entire order or part thereof.

iv. **Exemption** of any kind for any of the eligible bidder towards cost of EMD will be according to

1. 4245-F(Y) dated 28th May'2013 issued by Finance Department, Audit Branch, Govt. of West Bengal.
2. 6718-F(Y) dated 08.09.2015 issued by Finance Department, Audit Branch, Govt. of West Bengal.

5. Security Deposit:

The successful L1 bidder who will get Work Order, will have to deposit Rs. 8,94,621/- (Rupees Eight lakh ninety four thousand six hundred twenty one only) in the form of Demand draft / Pay Order / Bank Guarantee issued by any scheduled bank in favour of the WEST BENGAL STATE FOOD PROCESSING& HORTICULTURE DEVELOPMENT CORPORATION LIMITED payable at Kolkata. The security deposit will be released after the Defect Liability Period of 1 (one) year from the completion date of work is over. No interest on Security Deposit will be paid by the Corporation.

6. Clarification of Bidding Document:

If there be any discrepancy or obscurity in the meaning of any clause of the bid document or if there be 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'. The queries may be sent by email to wbsfphdcl1@gmail.com. The clarification given in response to the queries shall be final and binding on the bidder.

7. 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 will be published on the same website.

Prospective bidders are requested to visit the 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.

8. Responsive Bidders:

Prospective applicants are advised to note carefully the minimum qualification criteria before tendering the bids. Conditional / incomplete tender will not be accepted under any

circumstances. Bidders fulfilling all conditions and criteria set forth and qualifying in the Technical Bid as well as making submission of Financial Bid in stipulated manner shall be considered responsive.

9. Quoting the Rates in BOQ:

- i. The intending Bidders are required to quote the rate online. No offline Tender will be entertained.
- ii. The Bidder is to quote the rate online in the space marked in the BOQ. Assessment of the successful bidder will be done on the offered rate.
- iii. All Tender prices quoted in the BOQ shall be inclusive of all kind of Taxes, Cess, charges including transportation, loading and unloading of materials up to the Destination, and installation thereof.
- iv. The price should be firm, final and irrevocable and not subject to any change whatsoever even due to increase in cost of materials, other components, labour cost etc. and any changes or imposition of statutory levies till the completion of work as per order.

10. Rate Validity:

The rate shall remain effective ordinarily up to 1 (One) year from the date of acceptance of Tender which may be extended further with mutual consent between the Bidder and WBSFPHDCL, unless terminated prematurely at its discretion and satisfaction.

11. Evaluation of Tenders for Qualifying in Technical Bid:

- i. All Bids will be evaluated and compared on the basis of the submitted documents. The Tender Inviting and Accepting Authority will determine the eligibility of each bidder through a Tender Committee. The bidders shall have to satisfy all the clauses specified in eligibility criteria, evaluation committee reserves the right to relax the evaluation criteria.
- ii. Technical proposal will be opened first by the Authorized representative of the WBSFPHDCL electronically using Digital Signature Certificate.
- iii. The Bidders may remain present at the office of WBSFPHDCL during opening of Technical Proposals, if they so desire.
- iv. Technical Proposals complete in all respect will only be accepted and qualify for next stage of evaluation.

12. Evaluation of Tender for Qualifying in Financial Bid:

- i. Financial proposals of only those Bidders declared technically eligible by the Tender Inviting Authority will be opened electronically on the web portal on the prescribed date.
- ii. The encrypted copies will be decrypted and the rates will be downloaded and read out to the Bidders remaining present at that time and to be handed over to the Tender Committee.

- iii. Pursuant to the scrutiny and decision of the Tender Committee, the summary list of eligible Bidders whose Financial Proposals will be considered will be uploaded in the web portal.
- iv. Lowest quoted rate shall normally be accepted. However, the Tender Inviting Authority reserves the right to accepting a bid other than the lowest on a specific ground to be recorded in writing.
- v. The Tender Inviting Authority does not bind itself to accept any or all bids and reserves the right to reject any or all bids without assigning any reason whatsoever.

10.Issue of Work Order:

Normally, the work order will be issued to the L1 Bidder for execution of the indented work. However, the Tender Inviting Authority reserves the right to accepting a bid other than the lowest on a specific ground to be recorded in writing.

11.Completion Period of Work:

The successful bidders shall undertake the commencement of work on next day of date of placing the work order and complete the same within 60 (sixty) days from the date of issue of work order.

12.Adherence to the Prescribed Specifications:

No deviation from the specifications prescribed by the Corporation will be accepted by the Authority. The entire work will be accomplished under the technical guidance of the entrusted Engineer of the Corporation.

13.Right to Accept Any Bid and / or to Reject Any or All Bids:

The Corporation reserves the right to accept or reject any or all bids and to annual the tendering process and all bids prior to issue work order, without thereby, incurring any liability to the affected Bidder or Bidders or any liability to inform the Bidder of the ground for such action.

14.Delay in work:

It is emphasized by the Corporation and understood by the contractor that the period of work, stipulated in the work order is the essence of the work. It is admitted by the contractor that any delay in execution may obviate the necessity of work and there by affect the interest of the Corporation. If the reason of delay is beyond the control of the Bidder, then it should be communicated to the Corporation in writing for its necessary intervention.

15.Defect Liability Period:

After successful completion of the work within the stipulated time period, the maintenance of the work completed upto 1 (One) year from the date of completion of the work, will have to be done by the same agency. The entire cost of the maintenance work will be borne by agency.

16. Grounds for Disqualification:

- i. During scrutiny or at any stage of bidding process or even after issuance of work order, if it comes to the notice of the Tender Inviting Authority that the Bidder has wilfully made any misleading or false representation in the documents/statements and attachments submitted as the proof of the qualification requirements.
- ii. If the Bidder fails to complete the work within the period stipulated in the work order due to his own fault/inconvenience, then in both the cases, the Corporation shall reserve the right to forfeit the Earnest Money deposited by the Bidder and also debar him from participation in the Tender process of the Corporation for the Next 3 (Three) consecutive years.

17. Force Majeure:

It is hereby defined as any cause, which is beyond the control of the Bidder or the Corporation, which such party could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affects the performance of the contract, such as

- a. War, Hostilities or warlike operations (whether a state of war be declared or not), invasion, act of foreign enemy and civil war.
- b. Rebellion, revolution, insurrection, mutiny, usurpation of civil or military, Government Conspiracy, riot, civil commotion and terrorist area.
- c. Confiscation, nationalization, mobilization, commandeering or requisition by or under the order of any Government or de facto authority or ruler , or any other act or failure to act of any local State or National Government authority.
- d. Strike, Sabotage, lockout, lockdown, curfew, embargo, import restriction, port congestion, lack of usual means of public transportation, logistics and communication, industrial dispute, shipwreck, shortage of power supply, epidemics, pandemic, quarantine and outbreak of plague or other virus
- e. Earthquake, landslide, volcanic activity, torrential rain, fire, flood or inundation, tidal wave, typhoon or cyclone, hurricane, pandemic, nuclear and pressure waves or other natural or physical disaster.

If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances of the event of Force Majeure within thirty days after the occurrence of such event. The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed.

The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect of the event of Force Majeure up to its or their performance of the Contract and to fulfill its or their obligation under the Contract but without prejudice to either party's right to terminate the Contract.

No delay or non-performance by either party to this Contract caused by the occurrence of any event of Force Majeure shall:

- Constitute a default or breach of the contract.
- Give rise to any claim for damages or additional cost or expense occurred by the delay or non-performance. If, and to the extent, that such delay or non-performance is caused by the occurrence of an event of Force Majeure.

18. Execution of Agreement :

The selected Bidder shall have to execute an Agreement in the prescribed format at their own cost on a duly Non-Judicial stamped agreement paper with the WBSFP&HDCL after finalization of tender. The format of the agreement shall be communicated to the selected bidder

19. Disputes:

- i. In the event of any question/dispute or difference arising between WBSFP&HDCL and the Landscape Development Agency 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 operator 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 referred to a sole Arbitrator appointed jointly by the two parties and his award shall be final.
- ii. The High Court of Kolkata alone shall have jurisdiction to adjudicate thereon.
- iii. The place of Arbitration will be Kolkata and the language shall be English
- iv. The award of the Arbitrator shall be binding on both the parties.

20. Negotiations:

It is clarified that normally no rate negotiation will be done and therefore the Bidders should quote their lowest prices only, however, the Corporation may negotiate the rates with the L1 Bidder in exigencies, if required to do so with prior concurrence of the Appropriate Authority.

21. Payment of Bill:

- i. Measurement of the work will be taken by the Authority within 5 (five) days from the date of completion of work.
- ii. Bill will be released to the Contractor within 30 (thirty) days from the date of submission of Bill in duplicate with the certification of the concerned Engineer.
- iii. Concerned Statutory deduction, if any, will be deducted from the Bidder's bill. No Mobilization Advance and Secured Advance will be allowed.

Sd/-
MANAGING DIRECTOR
WBSFP&HDCL

Annexure - I
Application for Participation in Technical Bid

To,
The Managing Director
WBSFP&HDCL
Benfish Tower (6th floor)
31, G.N, Salt Lake, Sec V
Kolkata- 700091

Sub: New Construction of Hi-tech Poly House including Supply & installation, for Integrated Cultivation and Research of Tropical Orchids in a Controlled Environment at Aveshpur Farm, Nadia

Ref. No.54 /WBSFPHDCL/1770/2025-26 Dated: 19.01.2026

Sir,

Having examined the terms & conditions of the above NIT, I do hereby submit the following information and relevant documents for furtherance of my proposal for participation in the tender

Eligibility Particulars

Sl. No.	Particulars	Details thereof
1	Name of the Bidder	
2	a) Full Office address b) E-Mail I.D. c) Mobile No.	
3	Name of the contact person with Mobile Number	
4	Documents to be submitted by the Bidder a. NIT documents including corrigendum, if any b. E.M.D. c. Income Tax Return with Computation Certificate (For any three consecutive financial years within financial years 2019-20, 2020-21, 2021-22, 2022-23 & 2023-24) d. PAN Card e. Latest P. Tax Paid Challan f. Valid 15 Digit GSTN under GST Act 2017 & Registration Certificate g. Trade License valid as on submission of bid h. Technical Credentials (Completion certificate for the work in technical credentials)	Whether submitted (Yes / No)

	Or Payment certificate of the said work)	
	i. Partnership Deed in case of partnership firm	
	j. Audited Balance Sheet with Profit-loss account (For any three consecutive financial years within financial years 2019-20, 2020-21, 2021-22, 2022-23 & 2023-24)	
5	Any other points considered to furnish	

UNDERTAKING
(To be printed in agency Letterhead)

- i. I undertake that all of the above information and documents furnished against the prescribed columns are true to the best of my knowledge and belief.
- ii. I have also gone through all the terms & conditions meticulously and I undertake to comply with same sacrosanctly.
- iii. The Earnest Money and all other documents required for qualifying the technical bid have been submitted online.
- iv. The rate quoted by me will be valid and binding upon me for the entire period as stipulated in the NIT.
- v. If I fail to complete the work within the period stipulated in the work order due to my own fault/ inconvenience, the Corporation shall reserve the right to forfeit the Earnest Money deposited by me in this regard and also debar me from participation in the Tender process of the Corporation for the following 3(three) consecutive years.
- vi. I shall maintain the specifications of the materials as per NIT and shall replace the sub-standard materials at my own cost.
- vii. I undertake that I have not been debarred/ delisted by any State/Central Government Organization or State/Central Govt. Undertakings or Statutory Bodies or Local Bodies or Parastatals during the last three consecutive years up to the last date of submission of Tender.

Date:

Signature of the Applicant

Place:



WEST BENGAL STATE FOOD PROCESSING & HORTICULTURE DEVELOPMENT CORPORATION LIMITED

Estimate for New Construction of including Supply & installation of Hi-tech Poly House [Area: 500 sq. m.] for Integrated Cultivation and Research of Tropical Orchids in a Controlled Environment at Aveshpur Farm, Nadia

Part No.	SL. No.	DESCRIPTION OF ITEM	NO.	LENGTH (m)	BREADTH (m)	HEIGHT (m)	QUANTITY	UNIT	RATE / UNIT	AMOUNT
A	1	Galvanized Square Tube 50mm x 50mm x 2mm thick								
	i	Main Column	6	5.00			30.00	M		
	ii	Small Column	20	3.50			70.00	M		
							Total = 100.00	M	₹ 490.00	₹ 49,000.00
	2	Galvanized Square Tube 40mm x 40mm x 2mm thick								
	i	Short Column	45	1.50			67.50	M		
	ii	Foundation Stubs	26	1.00			26.00	M		
							Total = 93.50	M	₹ 375.00	₹ 35,062.50
	3	Galvanized Square Tube 38mm x 38mm x 2mm thick								
	i	Supporting Column	60	3.50			210.00	M		
	ii	Bottom Cord	30	4.00			120.00	M		
							Total = 330.00	M	₹ 360.00	₹ 118,800.00
	4	Galvanized Square Tube 32mm x 32mm x 2mm thick								
	i	Purlin	28	1.50			42.00	M		
	ii	Purlin	30	5.30			159.00	M		
	iii	Purlin	40	4.00			160.00	M		
	iv	Purlin	18	4.83			86.94	M		
	v	Purlin	6	6.10			36.60			
	vi	Purlin Support	18	6.00			108.00	M		
							Total = 592.54	M	₹ 290.00	₹ 171,836.60
	5	Galvanized Square Tube 25mm x 25mm x 2mm thick								
	i	Purlin	72	5.30			381.60	M		
	ii	Purlin	66	4.83			318.78	M		
	iii	Purlin	22	6.10			134.20	M		
	iv	Purlin	12	4.00			48.00	M		
							Total = 882.58	M	₹ 270.00	₹ 238,296.60
	6	UV Resistance Multi-walled sheet 10mm thickness								
			7	20.00	5.00		700.00	SQM		
			1	40.00	3.50		140.00	SQM		
			2	24.00	1.50		72.00	SQM		
			1	24.00	3.30		84.00	SQM		
			1	13.00	3.00		39.00	SQM		
							Total = 1035.00	SQM	₹ 860.00	₹ 890,100.00
	7	Alluminium Channel (Top & Bottom) & rubber gasket								
			20	16.00			320.00	M		
			4	24.00			96.00	M		
			106	5.50			583.00	M		
			34	3.50			119.00	M		
							Total = 1118.00	M	₹ 450.00	₹ 503,100.00
	8	40 Mesh Insect Net manufactured from 100 % Virgin HDPE mono filament with 115 – 120 GSM, 0.4 yarn diameter, 40 x 24 knitting grid with 3 yrs. life under curtain. Variance (+/-) range 3-5% in above mention specification	1	24.00	3.50		84.00	SQM		
							Total = 84.00	SQM	₹ 65.00	₹ 5,460.00
	9	Alluminium Channel 30 mmX1mm, (150 to 160 gr per running mtr)								
			13	4.00			52.00	M		
			3	1.00			3.00	M		
							Total = 55.00	M	₹ 75.00	₹ 4,125.00
	10	Zigzag spring insert (High carbon steel wire for repeated action, 2.3 mm dia)	55	2.00			110.00	SQM		
							Total = 110.00	SQM	₹ 15.00	₹ 1,650.00
	11	Agro Shade Net (50 % Manually movable Green Shade net with 80 GSM)	5	25.00	4.20		525.00	SQM	₹ 35.00	₹ 18,375.00
							Total = 525.00	SQM		
	12	Self Trapping Screw (20 mm length)	4500				4500.00	NO		
							Total = 4500.00	NO	₹ 5.00	₹ 22,500.00
	13	GI Wire (2 mm dia.)	25				25.00	KG		
							Total = 25.00	KG	₹ 185.00	₹ 4,625.00
	14	Fiber Wire (4 mm dia.)	10				10.00	KG		
							Total = 10.00	KG	₹ 425.00	₹ 4,250.00
	15	Pulley with clamp HDPE/ MS (40 mm dia.)	20				20.00	NO		
							Total = 20.00	NO	₹ 145.00	₹ 2,900.00
	16	Rings stainless steel (20 mm dia.)	150				150.00	NO		
							Total = 150.00	NO	₹ 5.00	₹ 750.00
	17	Stitech Roup	1				1.00	KG		
							Total = 1.00	KG	₹ 555.00	₹ 555.00
	18	Nylon Rope (8 mm dia.)	10				10.00	KG		
							Total = 10.00	KG	₹ 265.00	₹ 2,650.00
	19	Gutter Material (Plastic drainage sheet, Virgin, UV stabilized 1.4 mm thick and 600 mm wide)	44				44.00	M		
							Total = 44.00	M	₹ 235.00	₹ 10,340.00



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Part No.	SL. No.	DESCRIPTION OF ITEM	NO.	LENGTH (m)	BREADTH (m)	HEIGHT (m)	QUANTITY	UNIT	RATE / UNIT	AMOUNT
	20	Gutter Cap with 100mm PVC Pipe	3				3.00	NO		
						Total =	3.00	NO	₹ 3,500.00	₹ 10,500.00
	21	One entrance room of size 4mx5mx3m (L x W x H) provided and covered with Triple Walled poly carbonet sheet 10mm. Two hinge doors of size 4 ft widths and 6.5 ft in height double leaf made in Triple Walled poly carbonet sheet 10mm mounted in suitable strong frame.	1				1.00	NO		
						Total =	1.00	NO	₹ 35,000.00	₹ 35,000.00
	22	GI Clamp (76 mm, 60mm, 48mm, 42mm)	1				1.00	LS		
						Total =	1.00	LS	₹ 8,500.00	₹ 8,500.00
	23	Fasteners (3/8", 25mm, 50mm, 75mm, 100mm, 125mm)	42				42.00	KG		
						Total =	42.00	LS	₹ 150.00	₹ 6,300.00
	24	Angle Bracket (ISA 40 X 40 X 3)	48				48.00	NO		
						Total =	48.00	NO	₹ 145.00	₹ 6,960.00
	25	T & L - Fixtures (33 mm OD & 2.0 mm thick)	12				12.00	NO		
						Total =	12.00	NO	₹ 223.00	₹ 2,676.00
	26	Curtain Handel (21 mm OD, 10 mm thick)	4				4.00	NO		
						Total =	4.00	NO	₹ 1,200.00	₹ 4,800.00
	27	Curtain (45 mm Width & 2.0 mm thick)	200				200.00	NO		
						Total =	200.00	NO	₹ 28.00	₹ 5,600.00
	28	Telescopic type. A pit of 60 cm x 60 cm x 75 cm depth to be filled with concrete in a ratio of 1:2:4 after completing the foundations	30	0.60	0.60	0.75	8.10	CUM		
						Total =	8.10	CUM	₹ 5,006.58	₹ 40,553.30
	29	Brick work with 1st class bricks in cement mortar (1:4) In foundation and plinth (Side Wall)	2	24.00	0.25	0.90	10.80	NO		
						Total =	10.80	NO	₹ 5,220.00	₹ 56,376.00
									Sub Total - A	₹ 2,261,641.00
									GST @18%	₹ 407,095.38
									Total Amount (A)	₹ 2,668,736.38

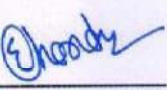
Part No.	Sl. No.	DESCRIPTION OF ITEM	NO.	LENGTH (m)	BREADTH (m)	HEIGHT (m)	QUANTITY	UNIT	RATE / UNIT	AMOUNT (Rs.)
B		Cellulose pad of thickness 4" thick, height: 5', width as desired equipped with anodized Aluminium frame. Cooling pad complete with all necessary framing material (aluminium) as required for distribution and return, gutter, down spout cap and drip pan, plumbing kit, pump 220 Volt single phase, 50 cycle, drilled PVC piping cap, pad retainer, all suspension hardware, metal flashing required to seal pad for vent opening over flow 20 mm PVC & 40 mm standard sink drain.								
	30	Evaporative Cooling pad H1500 x W100 x L600 mm	24				24.00	NO		
						Total =	24.00	NO	₹ 3,800.00	₹ 91,200.00
	31	Aluminium Section (Top, Bottom & Side Frame)	24				24.00	M		
						Total =	24.00	M	₹ 7,500.00	₹ 180,000.00
	32	Cooling Pad Attachement	1				1.00	LS		
						Total =	1.00	LS	₹ 32,000.00	₹ 32,000.00
	33	Size : 50" Dia Fan Blades : 6 stainless steel Motor H.P. : 1.5 hp, with v- belt drive 3 phase R.P.M. :1400 RPM, 415 V AC. 50 hz Shutter : Galvanised shutter Opens with air pressure Doesn't require any centrifugal clutch system Fan : Duly housed in Galvanized Frame	4				4.00	NO		
						Total =	4.00	NO	₹ 47,755.00	₹ 191,020.00
	34	The necessary digital controller with sensory device & accessories of standard quality should be provided to operate the fan & pad system to control temperature & humidity inside the Greenhouse.	1				1.00	LS		
						Total =	1.00	LS	₹ 152,000.00	₹ 152,000.00
	35	Use copper wire to withstand desired load of required electrical gadgets/appliances with ISI mark.	1				1.00	LS		
						Total =	1.00	LS	₹ 76,000.00	₹ 76,000.00
	36	BED -Structure: GI Pipe 25mm x 25mm x 2mm Covering: Alluminium Net	500				500.00	SQM		
						Total =	500.00	SQM	₹ 1,150.00	₹ 575,000.00
									Sub Total - B	₹ 1,297,220.00
									GST @18%	₹ 233,499.60
									Total Amount (B)	₹ 1,530,719.60

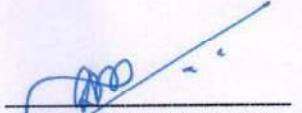


WEST BENGAL STATE FOOD PROCESSING & HORTICULTURE DEVELOPMENT CORPORATION LIMITED

Estimate for New Construction of including Supply & Installation of Hi-tech Poly House [Area: 500 sq. m.] for Integrated Cultivation and Research of Tropical Orchids in a Controlled Environment at Ayeshpur Farm, Nadia

Part No.	Sl. No.	DESCRIPTION OF ITEM	NO.	LENGTH (m)	BREADTH (m)	HEIGHT (m)	QUANTITY	UNIT	RATE / UNIT	AMOUNT
Part No.	Sl. No.	DESCRIPTION OF ITEM	NO.	LENGTH (m)	BREADTH (m)	HEIGHT (m)	QUANTITY	UNIT	RATE / UNIT (Rs.)	AMOUNT
C	37	PVC Pipe 50 mm dia 6kg/sqm of ISI marked	7	6.00			42.00	M		
							Total =	42.00	M	₹ 160.00
	38	PVC Pipe Fittings 50mm - Tee, Elbow, Socket, Valve, FTA, MTA, Endcap etc	1				1.00	LS		
							Total =	1.00	LS	₹ 3,500.00
	39	LLDPE Pipe 16 mm dia, class - II	1	200.00			200.00	M		
							Total =	200.00	M	₹ 17.50
	40	LLDPE Pipe Fittings 16mm - Tee, Gromet, Socket, Valve, Endcap etc	1				1.00	LS		
							Total =	1.00	LS	₹ 1,500.00
	41	Fogger Imported 28 LPH with LPD-4 way	60				60.00	NO		
							Total =	60.00	NO	₹ 370.00
	42	Screen filter / 2 inch / 30 cubic meter / hour · Large filtration area of mesh ensures high particle retention and allows longer interval between cleaning	1				1.00	NO		
							Total =	1.00	NO	₹ 7,000.00
	43	PVC Ventura Injector ; Size: 63 mm , Material: PVC ; Application: To Inject Fertilizers & Chemicals in Micro Irrigation	1				1.00	NO		
							Total =	1.00	NO	₹ 4,200.00
	44	16mm supply, sprinklers are 2m apart, includes 30cm pipe, 70L/h sprinkler, 6-7m spray diameter	30				30.00	NO		
							Total =	30.00	NO	₹ 70.00
	45	Centrifugal Mono-set Pump-set with 1.5 Kw (2HP) Single Phase AC motor IS:9079	1				1.00	NO		
							Total =	1.00	NO	₹ 22,500.00
	46	Centrifugal Mono-set Pump-set with 1.1 Kw (1.5HP) Single Phase AC motor IS:9079	1				1.00	NO		
							Total =	1.00	NO	₹ 17,500.00
									Sub Total	₹ 90,720.00
									GST @18%	₹ 10,886.40
									Total Amount (C)	₹ 101,606.40
									Total Amount (A+B+C)	₹ 4,301,062.38
									Cess @1%	₹ 43,010.62
									Contingencies @3%	₹ 129,031.87
										₹ 4,473,104.88
									R/O	₹ 0.12
									GRAND TOTAL	₹ 4,473,105.00


Assistant Engineer (Civil)
WBSF & HDCL


Special Secretary, Deptt. of FPI&H
& Managing Director, WBSF & HDCL

Allocated one more
Schedule item hence
Ans. Quotation duly
accepted by Special Secretary
FPI&H & MD WBSF PHDCL attached
with this mate.
A. Bhattacharya
26/11/25
Ref: ref: 1234567890

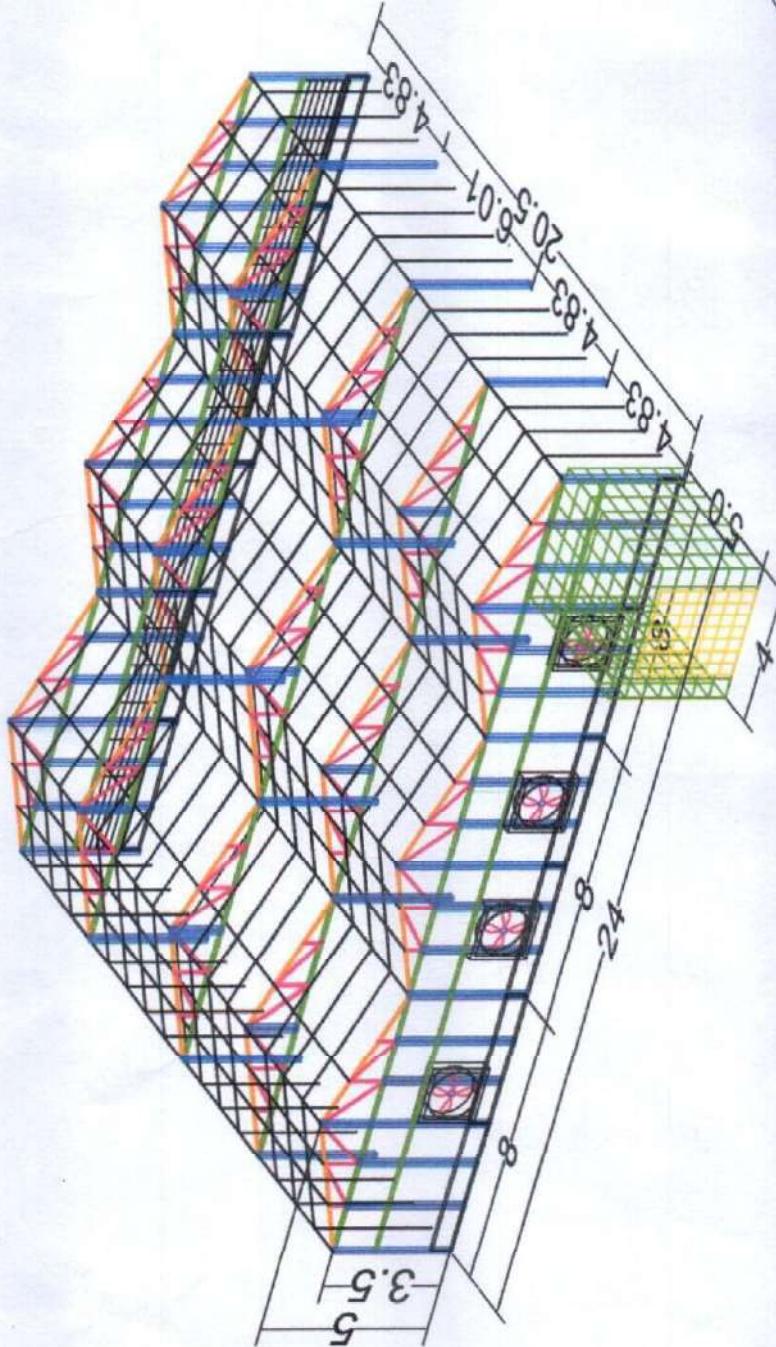
Estimate Vetted

Quattuor
26/11/25

EXECUTIVE ENGINEER
(HQ.)
P & RD Deptt.
Govt. of West Bengal

HIGH-TECH GREEN HOUSE = 512SQM

Sl. No	ITEM	USE
1.	Galvanized Square Tube 50mm x 50mm x 2mm thick	Main Column
2.	Galvanized Square Tube 50mm x 50mm x 2mm thick	Small Column
3.	Galvanized Square Tube 40mm x 40mm x 2mm thick	Short Column
4.	Galvanized Square Tube 35mm x 35mm x 2mm thick	Foundation stub
5.	Galvanized Square Tube 32mm x 32mm x 2mm thick	Bottom chord
6.	Galvanized Square Tube 25mm x 25mm x 2mm thick	support Column
7.	UV Resistance Triple Walled sheet 10mm thickness	Purlin
8.	Aluminum channel (Top & Bottom) & rubber gasket	Purlin Support
	40 Mesh Insect Net	Purlin
	Zig-zag spring insert (High carbon steel wire for repeated action. 2.3 mm dia)	Purlin
	Agro Shade Net	Poly Carbone Sheet
	Self Trapping Screen (20 mm length)	
	Gutter Valve (2 mm dia.)	
	Flower Vase (4 mm dia.)	
	Prayoy Win Clamp TRAPEZ (40 mm dia.)	
	Ring stainless steel (20 mm dia.)	
	Stiletech Rusp	
	Nylon Rope (8 mm dia.)	
	Gutter Material (Plastic drainage sheet, Virgin, UV stabilized 1.4 mm thick, and 600 mm wide)	
	Gutter Cap vinyl 100mm PVC Pipe	
	One entrance room of size 40mm x 50mm carbonate sheet 10mm.	
	GT Clamp (75 mm, 80mm, 45mm, 42mm)	
	Fasteners (3B 125mm, 50mm, 75mm, 100mm, 125mm)	
	Angle Brackets (SA 40 X 40 X 3)	
	T & L - Fixtures (33 mm OD & 2.0 mm thick)	
	Curtain Handel (21 mm OD, 10 mm thick)	
	Curtain (45 mm Width & 2.0 mm thick)	
	Tefloncoated wire A pair of 60 cm x 60 cm x 15 cm.	
	Brick work with 1st class bricks in cement mortar	
	Evaporative Cooling pad H1500 : W100 x L500 mm	
	Aluminum Section	
	Cooling Pad Attachment	
	Size : 50" Dia Van Blaies 6 stainless steel Motor H.P : 1.5 H.P. with v-belt drive 3 phase P.M. : 1400 RPM. 415 V.A.C. 100% Shutter	

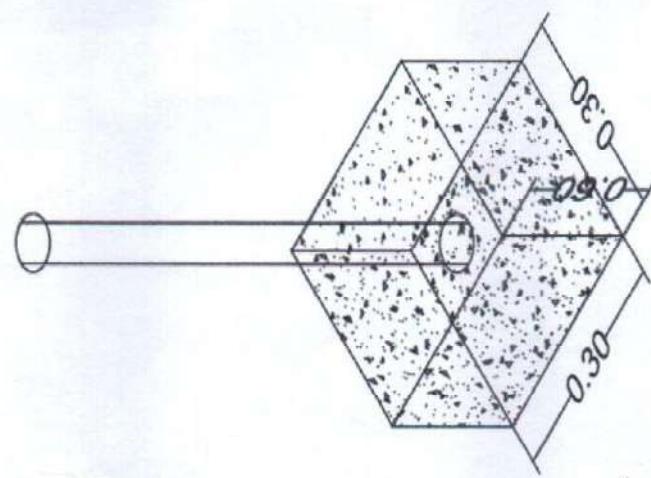
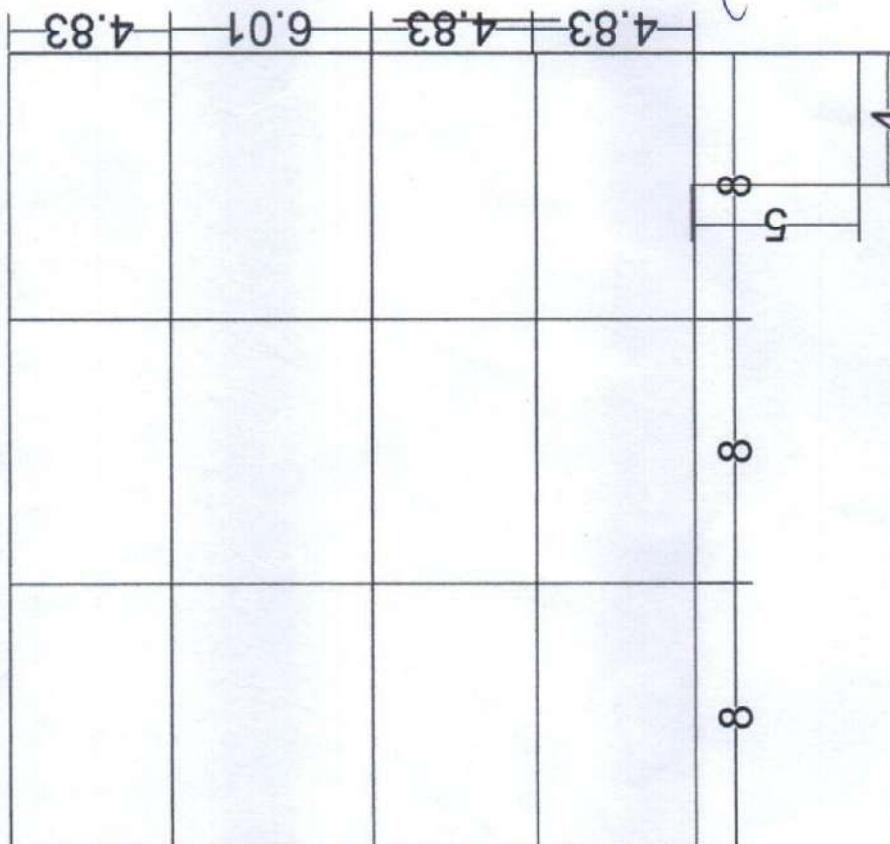
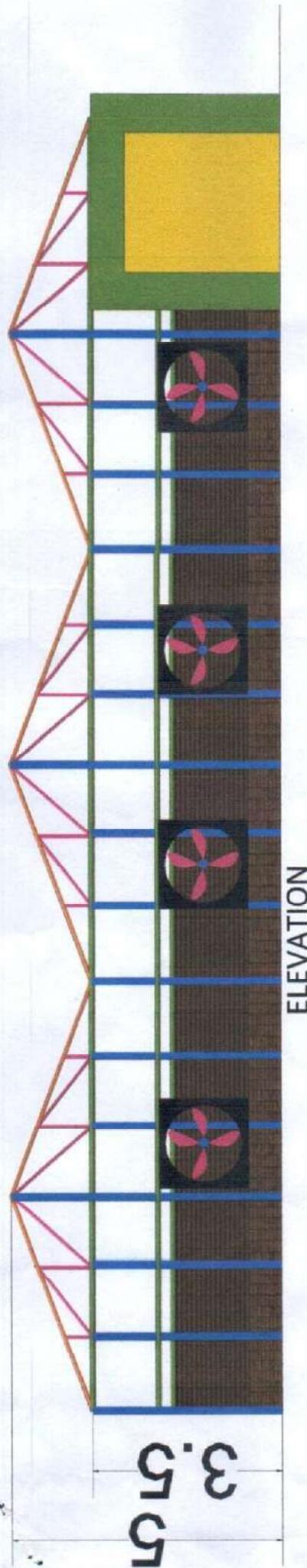


ISOMETRIC VIEW

Engineering Consultant Gangopadhyay
 Chartered Engineer & Cost Regd. Valuer
 M.Tech(Geo Tech), B.Tech(Civil), A.M.I.E.E.I.
 F.I.I., M.I.C.E., M.G.S., I.I.S., S.I.C., I.M.C., I.M.C.E.I., I.I.T. 665
 Engranged Structural Engineer
 Engranged Geo Technical Engineer at GMC GTE/I/38
 e-mail: design@engineeringguru.com, Gob: 9604204626

卷之三

FOUNDATION



Design Varied

Er. Arun Kumar Gangopadhyay

Chartered Engineer & Geot. Frgzd. Wther
M.Tech(Geo Tech), B.Tech(Civil), A.M.I.E.(I)
F.I.M.I.C.I., M.I.G.S., I.R.S.(Class II)
Empenred Structural Engineers of I.C.C. ESE/II/665
Empenred Geo Technical Engg. of KMC GTE/II/38
E-mail: design@arun@gmail.com, Cll: 9693906943

PLAN VIEW AREA -512 SQM