

J&K Agro Industries Development Corporation Ltd. Gole Pully, Talab Tillo Jammu.

E-mail Id – dmjkagrojammu@gmail.com

E NIT No. 82 of 2021-22 JK Agro (Agriculture Inputs)

E-NIT NO: -Agro/DM/PSJ/ 5979-81

DATED:- 21.01.2022

For and on behalf of J&K Agro Industries Development Corporation Limited, bids are invited from Registered Principal Manufacturers/Authorized Dealers/Suppliers having valid license/ Registration for annual rate contract of following Agriculture machinery items. J&K Agro industries Development Corporation is having a procurement and sales division which procures and supplies Agricultural machineries to Agri. and allied Departments to meet the demands of various Govt Depts during the financial year. Corporation intends to finalize the Procurement Purchase arrangements through this E-tender. After completing the process of Annual Rate Contract through E-tendering, the Corporation places the supply order to successful bidder as per the specification and brand as received from the intending departments.

S. No	Name of item.	Amount of CDR (inRs.)	Cost of Tender Documents (inRs.)	Date and time of opening of bids (online)
1.	Procurement of Procurement of Hi Tech and Semi Hi Tech Polly Green House on Annual Rate Contract basis (the product for which the bidder is quoting the rates must fulfill the specifications of Annexure C & D (detail info is in the attached BOQ)	20,000/-	2,000/- (Non-Refundable)	08.02.2022

1. The Bidding Document Consisting of qualifying information, eligibility, criteria, Specification, set of terms and condition of contract and other details can be seen/downloaded from the departmental website www.jktenders.gov.in as per the schedule of dates given below:-

1	Date of Issue of NIT	21.01.2022
2	Period of downloading of bidder documents	21.01.2022 to 07.02.2022 till 12:00 hrs
3	Bid submission Start date	21.01.2022
4	Bid submission End date	07.02.2022 at 12:00 hrs
5	Date and time of opening of Technical bids (online)	08.02.2022 at 14:00 hrs
6	Date and time of opening of Financial bids (online)	After the complete Technical Evaluation of documents of all participated bidders

2. Bids must be accompanied with cost of tenders' documents in shape of Bank Receipt in f/o J&K Agro Industries Development Corp. Ltd bearing J&K Bank Acc No CD-0097010100000961, IFSC Code- JAKA0TNHALL, Earnest money/bid security in the shape of CDR/FDR Pledged in favour of Managing Director J&K Agro Industries Development Corporation Limited.

3. **The date and time of opening of bid shall be notified on website www.jktenders.gov.in and convey to the bidder automatically through an e-mail message on their mail id. The bids of responsible bidders shall be opened online on same website in the office of **Managing Director J&K Agro Industries Development Corporation Limited. (Tender receiving authority).****
4. **The earnest money shall be fortified if:**
 - a) Any bidder/ tenderer withdraw his bid/ tender during the period of bid validity or make any Modifications in the terms and conditions of the bid.
 - b) Failure of Successful bidder to execute the agreement within 07 days after fixation of contract.
5. **Instruction to bidders regarding e-tendering process.**
 - 5.1 Bidders are advised to download bid submission manual from the "Downloads" option as well as from "Bidders Manual Kit" on website www.jktenders.gov.in to acquaint bid submission process.
 - 5.2 To participate in bidding process, bidders have to get 'Digital Signature Certificate (DSC) as per Information. Technology Act-2000. Bidders can get digital certificate from any approved vendors.
 - 5.3 The bidders have to submit their bids online in electronic format with digital Signature. No bid will be accepted in physical form.
 - 5.4 Bids will be opened online as per time schedule.
 - 5.5 Bidders must ensure to upload scanned copy of all necessary documents and complete address and contract no. with the bid. Besides, original/Photocopies of documents related to the bid are submitted physically only by L-1 bidder.

Note: - Scan all the documents on 100 dpi with black and white option.

6. **The department will not be responsible for delay in online submission due to any reasons.**
7. Scanned copy of **cost of tender document** in shape of Bank Receipt and Earnest Money/Bid Security in shape of CDR/FDR pledged to **Managing Director J&K Agro Industries Development Corporation Limited** must be uploaded with the document of the bid.
8. Bidders are advised to use **"My Documents"** area in their user on www.jktenders.gov.in portal to store such documents as are required.
9. **The technical Bid must consist of following information and documents.**
 - 9.1 All bidders shall include the following information and documents with their bids:-
 - (a) Copies of original documents defining constitution/legal status
 - (b) Copy of Place of registration and principal place of Business, with complete address and contact details.
 - (c) Copy of Principal manufacturer certificate/dealer certificate.
 - (d) Copy of GSTIN No. Number
 - (e) Copy of PAN Number.
 - (f) Copy of Latest GST return file shall be furnished.
 - (g) Copy of EMD/FDR.
 - (h) Copy of cost of document (COD)
 - (i) Certificate of ISI /BIS standard
 - (j) Notarized Affidavit as per annexure-A
 - (k) Notarized Affidavit as per annexure-B
 - (l) **Bidder should also mention the MRP of the product he/she is bidding for on the letter head of the firm of concerned bidder.**
 - 9.2 All documents relating to the bid shall be in the English Language.
 - 9.3 **It is mandatory for all bidders participating to submit all documents in terms of soft copies in e-tendering website and no documents in terms of Hard Copies shall be entertained. However, lowest bidder will be called for submission of CDR/FDR as well as DD and CDR/FDR of the other participating tenderers/ bidders will be released only after surrender of DD.**
10. If the bidder does not quote rate for any item of the rate list/quantity schedule, such item/items shall be deemed to be part of the overall/total contract value and no rate shall be allowed for such item/items in the allotment contract.
11. **General conditions of contract:-**

- a) The Tender documents duly signed with seal on each page in token of acceptance of all terms and conditions of Tender should also be enclosed.

Note:In case the above mentioned documents are not enclosed, the tender can be rejected as per the decision of the Purchase Committee.

1. The firm shall have to certify that the rates quoted by them are the lowest rates and has not quoted rates lower than these rates to any Govt. Deptt. /Agency in J&K for the similar items / Stores. If at any stage it is proved that the prices charged by tenderer are higher than the prices quoted to other Departments or higher than the prevailing market rates in JK UT the tenderer shall be liable for prosecution under law and the excess amount charged thereof shall be recovered from your bill/securities etc. All the bills shall be settled at the market rates only vetted by Purchase committee.

2. In case the firm fails to supply ordered items, within the stipulated period, the CDR/ Security Slip shall be forfeited and supplier shall have no claim for its refund / release in any manner. Besides, the firm shall be black-listed for future business with JK AIDCL.

3. **Guarantee / Warrantee:**

The material should be guaranteed for a period of 18 months against any manufacturing defects. In case of any complications/ defects, the complained has to be attended immediately and defective items shall be replaced at your cost. Failure in the compliance of this can cause in the forfeiting of the Security Deposit. The bidder should mention the location of the work shop and should be in a position to service the equipment at site.

4. Rates quoted shall be F.O.R. Jammu/Kashmir Division of the concerned indenting department at block/tehsil/District level.

5. **Validity of Rates:-**

The rates quoted by the suppliers shall remain valid up to one year and inclusive of all taxes and thereafter shall be extended on mutual agreement. (i.e. uptill 31.03.2022)

6. Dealership Certificate and Test Report.

The firms, which are not Principal Manufacturer and are submitting tenders, are required necessarily to attach a valid Dealership Certificate from Principal manufacturer and test report from ISI Mark any other recognised institute authorised by Govt. of India/registration certificate from DIC Department.

8. **Payments:**

Payments shall be made after the payment has been received from the indenting Deptt. and on receipt and verification of the material by the indenting Deptt.

9. **Agreement:**

The successful firms shall have to execute an agreement in the prescribed format within seven days from the date of intimation to this effect.

10. **Delivery schedule**

The material should be supplied within 07 days or as per the terms of Supply Order. In case of delay in the supply beyond the stipulated time, 0.25% per day penalty of value of the ordered material shall be imposed subject to max of 10% billed amount or as the Managing Director, AIDCL may deem fit and / or forfeit the Earnest Money / Security Deposit.

11. ARBITRATION

In case of dispute of any nature arising while servicing the ordered items, the matter shall be referred to the Managing Director, JK AIDCL whose decision as arbitrator shall be binding for the resolution of the dispute. In case the matter cannot be resolved further, in that situation, the legal institution / Courts of the J&K State shall be the alternative forum for dispute resolution. If there is any deviation from the specification of the product (test reports), all the penalties in such case will be applicable on the supplier/ bidder only.

12. Submission of offer

. The tenders shall be opened on the date mentioned in above table 2 at same office in presence of the tenderers who wish to be present or any subsequent date convenient to Purchase Committee.

13. Managing Director, AIDCL reserve the right to accept or reject any or all tenders in part or full without assigning any reason thereof.

14. As soon as the acceptance of tenders is conveyed to the successful firm the contract shall be final and binding upon the successful firm and agreement deed shall have to be executed with the Corporation by the supplier within 7 days from the date of issue of letter of acceptance.

15. The Purchase committee reserves the right to accept or reject any tender, part of a tender or all tenders without assigning any reason thereto.

16. The tenderer along must also submit a soft copy of its latest Income Tax/GST Clearance Certificate

17. Tender without payment of tender cost shall be rejected.

18. The offer should be signed by the authorized person and his full name and status should be indicated below his signature.

19. The tender should be accompanied with the Technical literature/Boucher/Pamphlets of the products.

20. **Corporation reserves the right to carry out market survey also to assess the lowest market rate of the items. However, the lowest market rate shall be offered to tenderer for acceptance on rate contract basis and the bidder shall have no objection for it.**

21. Force Majeure:

If the completion of the supply is delayed by strikes, lockouts, fire accidents, war or any other cause beyond the control of the supplier and the supplier satisfies the Corporation by a documentary proof in that respect, a reasonable extension in the time limit may be granted by the Corporation without effecting or decreasing/increasing the basic price as per force Majeure clause of the agreement. However, damages caused due to strikes, rain or snow shall not constitute an act of God.

22. Third Party Inspection

The corporation reserves the right to get the material, machinery and complete line inspected by third party to ensure the material supplied in exactly as per specification mentioned in the tenders' documents for those particulars machine/items.

23. An Affidavit on Rs.100 non judicial stamp paper that price charged for supplies under contract shall under no circumstances exceed the lowest price at which the contractor sells identical description to any Govt. Department/Institution/Public Enterprises/Undertaking during the period of contract as per Performa attached in Annexure-A.

24. An Affidavit on Rs.100 non judicial stamp paper that the company/firm has not been neither black listed nor de-barred from participation in tender by any of the Govt.Department/Organisation/ PSU etc as per Performa attached in Annexure-B.

Sd/-
Divisional Manager (P&S)
Member Secretary,
J&K Agro Ind. Dev. Corpn.Ltd.
Procurement & Sales Division, Jammu

Copy to.

1. Managing Director, JKAIDCL, Jammu for Kind information please.
2. Director Finance JKAIDCL, Jammu for Kind information please.
3. Divisional Manager, P&S, Kashmir for kind information.
4. Office File.

JK AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

Annexure-A

Affidavit Certificate

I/We _____ (Name, Designation and Address)
here by declaring that price charged for quoted item/items under this contract, our firm has no
circumstances exceeded lowest price of identical goods given to any Govt.
Department/PSUs/Institutions/Organizations etc during current year.

Signature of Authorized Signatory _____

Name _____

Designation _____

Name of the Firm/Company _____

Full Address _____

Stamp _____

Place: _____

Dated: _____

JK AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

Annexure-B

Affidavit Certificate

I/We _____ (Name, Designation and Address)
here by declaring that our firm/company has not been neither blacklisted nor de-barred from
participation in tender by any Govt. Department/PSUs/Institutions/Organizations etc. I/We had
supplied the goods during the last three years.

Signature of Authorized Signatory _____

Name _____

Designation _____

Name of the Firm/Company _____

Full Address _____

Stamp _____

Place: _____

Dated: _____

1. Hi-Tech Poly Green house Structure (Poly film based) with Concrete Base , Evaporative Cooling System, Heating and Lighting system & Buffer room with Air curtain

Manufacturing, providing and installation “**Hi-Tech Poly Green house Structure** with Buffer room:

Structure Size:-20m x6m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 120 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, GI square Pipe 32x32mm, 2mm thick IS:13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 8Nos. (17 meter each),**Vertical supports:-**20 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(20 meters each),**Purlin (roof top):-**3Nos. (20 meters each), **Purlin front/Back:-**4 Nos. (6 meter each), **Trusses Centre top support :-**14 Nos (3.5 mtr each), **G.I. Door of size 1m x 2m:-**1No (8meter)with handle and tower bolt.

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-**26Nos. (0.6 meter each).

2- G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger:- 30 Nos., **LLDP Pipe 16mm:-** 45 meters, **Astmd pipe 32mm:-** 12 meters, **Filter:-** 1 No., **1 HP Water Pump Motor:-** 1 No., **Water tank 500 liters:-** 01 No. with fitting, **Control Assembly Valve:-**2Nos.one hydrant inside green house for irrigation. **UV Stabilized sagging wire & accessories:-** 105 meters, **Microprocessor Humidity & temperature controlling system with cyclic timer sensor and photoperiodic timer-** 1 No

4-----Covering/Shading System

Shading Net 20mtrx6.5mtr:-01 job = 130 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=**330Sqm, **white uv stabilized Insect Net (1.5mx21m(40Mesh):-**2 Nos. job= 65 Sqm, **Aluminum locking profile with pvc coated spring:-** 220 meters, up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). **2 Job.** Pulley system for Shade Net (**big pulley for rope and small pulley for shade, with rope**)=1Job

5 Evaporative Cooling System (ECS)

Cooling pad(5x20x4")feet with alumunium gutter frame 1 No, **Water Tank 500ltr** with fitting 1No, **Pump 1hp** with fitting 1No, **Filter with fittings 1 No & Axial flow fan 48”=** 2 Nos .**Air curtain 3’=** 1No

6---- Heating and Lighting System:-

Heat blower2.5 Kw Agri Grade= 4Nos, **Growth light 4’=** 12Nos

7----Civil work

PCC foundation (1:3:6) 1’ feet below and 2’ above ground level:

Earth work excavation of size 1’ x 180’ x 1’ = 5cum , **Stone soling hand paced 5cum & Concreting For Structure 55m x 1m x 0.3m, along with Tank concrete base, Buffer Room Concrete Base 5’x5’x3”** 17Cum.

8----Electrification

Change over,MCB box 1No ,MCBs for all electrical equipments, wire, conduit 1”, lamp, Holder, Service Line(10 meter of 16mm Alu Cable,2 Core) of standard make,

2. Hi-Tech Poly Green house Structure (Poly film based) with Concrete Base , Evaporative Cooling System, Heating and Lighting system & Buffer room with Air curtain

Manufacturing, providing and installation “Hi-Tech Poly Green house Structure with Buffer room.

Structure Size:-21m x6m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 126 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, GI square Pipe 32x32mm, 2mm thick IS:13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 8Nos. (17 meter each),**Vertical supports:-**20 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(21 meters each),**Purlin (roof top):-**3Nos. (21 meters each), **Purlin (roof bottom):-**1Nos. (21 meters each), **Purlin front/Back:-**4 Nos. (6 meter each), **Trusses Centre top support :-**14 Nos (3 mtr each), **G.I. Door size 1m x 2m:-**1No (8meter) with handle and tower bolt.

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**4 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-** 24 Nos. (0.6 meter each).

2- G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger:- 30 Nos., **LLDP Pipe 16mm:-** 44 meters, **Astmd Pipe 32mm:-** 12 meters, **Filter:-** 1 No., **I HP Water Pump Motor:-** 1 No., **Water tank 1000 liters:-** 01 No. with fitting, **Control Assembly Valve:-**1Nos., .one hydrant inside green house for irrigation **UV Stabilized sagging wire & accessories:-**110 meters, **Microprocessor Humidity & temperature controlling system with cyclic timer sensor and photoperiodic timer-** 1 No

4-----Shading System

Shading Net 50%21mtrx6.5mtr:-01 job = 150 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=**350Sqm,**whiteuvstabilizedInsectNet (1.5mx20.5m(40Mesh)=**2 Nos. job= 61.5 Sqm, **Aluminum locking profile with pvc coated zigzag spring:-** 230 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc).** **2 Job.** Pulley system for Shade Net (**big pulley for rope and small pulley for shade, with rope)=**1Job

5 Evaporative Cooling System (ECS)

Cellulose Cooling pad(5x20x4”)feet with alumunium gutter frame 1 No, Water Tank 500ltr with fitting 1No, Pump 1hp with fitting 1No, Filter with fittings 1 No &Co Axial flow fan 48”=2 Nos. **Air curtain 3’=**1No

6---- Heating and Lighting System:-

Heat blower2.5 Kw Agri Grade= 4Nos, **Growth light 4’=** 12Nos

7----Civil work

PCC foundation (1:3:6)) 1’ feet below and 2’ above ground level:

Earth work excavation of size 1’ x 190’ x 1’ = 5.2cum , **Stone soling hand paced** 5.2cum & **Concreting For Structure 57m x 1m x 0.3m, along with Tank concrete base, Buffer Room Concrete Base 5’x5’x3” :-**17.5Cum.

8----Electrification

change over 1NO ,MCB 1No :- 01 job **Box, MCBs for all electrical equipments wire, conduit 1”, lamp, Holder, Service Line(10 meter of 16mm alu cable, 2 core) of standard make.**

3. Hi-Tech Poly Green house Structure (Poly film based) with Concrete Base , Evaporative Cooling System, Heating and Lighting system & Buffer room with Air curtain

Manufacturing, providing and installation “Semi Hi-Tech Poly Green house Structure with Buffer room: ”-

Structure Size:-25m x6m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 150 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, Square GI Pipe 32x32mm, 2mm thick ISI Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 9Nos. (17 meter each),**Vertical supports:-**22 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(25 meters each),**Purlin (roof top):-**3Nos. (25 meters each), **Purlin (roof bottom):-**1Nos. (25 meters each), **Purlin front/Back:-**4 Nos. (6 meter each), **Trusses Centre top support :-**16 Nos (3.5 mtr each), **G.I. Door size 1m x 2m:-**1No (8meter) with handle and tower bolt.

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**4 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 40x40mm:-** 26 Nos. (0.6 meter each).

2- G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger:- 32 Nos., **LLDP Pipe 16mm:-** 52 meters, **Astmd Pipe 32mm:-** 12 meters, **Filter:-** 1 No., **1 HP Water Pump Motor:-** 1 No., **Water tank 1000 liters:-** 01 No. with fitting, **Control Assembly Valve:-**1Nos. .one hydrant inside green house for irrigation,**UV Stabilized sagging wire & accessories: -** 130 meters, **Microprocessor Photosynthesis Humidity & temperature controlling system with cyclic timer sensor based and photoperiodic timer-** 1 No.

4-----Shading System

ShadeNet50%25mtrx6.5mtr=168sqm.**Polyfilm200Micron,120gsm,5layer superstrong,Antidrip,Thermic,uvstabilized,antidust,antisulphur=**380Sqm,**whiteuvstabilizedInsect (1.5mx25.5m(40Mesh):-**2 Nos. job= 78 Sqm, **Aluminum locking profile with screws:-** 240 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). 2 Job.** Pulley system for Shade Net (**big pulley for rope and small pulley for shade, with rope**)=1Job

5 Evaporative Cooling System (ECS)

Cooling pad(5x20x4”)feet with Alumunium gutter frame 1 No, Water Tank 500ltr with fitting 1No, Pump 1hp with fitting 1No, Filter with fittings 1 No & Axial flow fan 48’’ 2 Nos., **Air Curtain 3 feet :-**1No.

6---- Heating and Lighting System:-

Heat blower2.5 Kw Agri Grade= 6Nos, **Growth light 4’=** 14Nos

7----Civil work

PCC foundation (1:3:6) 1’ feet below and 2’ above ground level:

Earth work excavation of size 1’ x 213’ x 1’ = 6cum , **Stone soling hand paced** 6cum & **Concreting For Structure** 65m x 1m x 0.3m, along with Tank concrete base, **Buffer Room Concrete Base 5’x5’x3’’ :-**20Cum

8----Electrification

MCB 1No :- 01 job **Box, MCBs for all electrical equipments, wire, conduit 1”, Service Line(10 meter of 16mm Alu,2 Core cable) of standard make.**

4. Hi-Tech Poly Green house Structure (Poly film based) with Concrete Base , Evaporative Cooling System, Heating and Lighting system & Buffer room with Air curtain

Manufacturing, providing and installation “Hi-Tech Poly Green house Structure with Buffer room: ”-

Structure Size:-30m x6m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 180 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, Square GI Pipe 32x32mm, 2mm thick IS :13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 11Nos. (17 meter each),**Vertical supports:-**26 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos. (30 meters each),**Purlin (roof top):-**3Nos. (30 meters each), **Purlin (roof bottom):-**1Nos. (30 meters each), **Purlin front/Back:-**4 Nos. (6 meter each), **Trusses Centre top support :-**20 Nos (3.5 mtr each), **GI Door of size** 1 meter x 2 meter of 01 No. (8 meters).

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**4 Nos.(3.25 meters each), **Purline (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-** 30 Nos. (0.6 meter each).

2--G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger:- 40 Nos., **LLDP Pipe 16mm:-** 65 meters, **Astmd Pipe 32mm:-** 12 meters, **Filter:-** 1 No., **1 HP Water Pump Motor:-** 1 No., **Water tank 1000 liters:-** 01 No. with fitting, **Control Assembly Valve:-**2Nos. .one hydrant inside green house for irrigation,**UV Stabilized sagging wire & accessories:-** 155 meters, **Microprocessor temperature with cyclic timer controlling humidity sensor and photoperiodic timer:-** 1 No.

4----Covering/Shading System

Shading Net 50% 30mtrx6.5mtr:-01 job = 195 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=**440Sq, **whiteuvstabilizedInsectNet (1.5mx20.5m(40Mesh)=**2 = 93 Sqm, **Aluminum locking profile with pvc coated zigzag spring :-** 270 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). 2 Job.** Pulley system for Shade Net (**big pulley for rope and small pulley for shade, with rope**)=1Job

5---- Evaporative Cooling System (ECS)

Cellulose Cooling pad(5x20x4")feet with Alumunium gutter frame 1 No, Water Tank 500ltr with fitting 1No, Pump 1hp with fitting 1No, Filter with fittings 1 No &Co Axial flow fan 48” 2 Nos, **Air curtain 3’=1No.**

6---- Heating and Lighting System:-

Heat blower2.5 Kw Agri Grade= 6Nos, **G light 4’=** 18Nos

7----Civil work

PCC foundation (1:3:6) 1’ feet below and 2’ above ground level:

Earth work excavation of size 1’ x 246’ x 1’ =6.75cum , **Stone soling hand paced 6.75cum & Concreting For Structure 75m x 1m x 0.3m, along with Tank concrete base, Buffer Room Concrete Base 5’x5’x3” :-**23Cum.

8----Electrification

Change over 1NO ,MCB Box 1NO MCBs for all electrical equipments, wire, conduit 1”, lamp, Holder, Service Line(10 meter of 16mm alu cable, 2 core) of standard make.

5 Hi-Tech Poly Green house Structure (Poly film based) with Concrete Base , Evaporative Cooling System, Heating and Lighting system & Buffer room with Air curtain

Manufacturing, providing and installation “**Hi-Tech Poly Green house Structure with Buffer room:**”-

Structure Size:-32m x6m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 192 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, Square GI Pipe 32x32mm, 2mm thick IS :13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 12Nos. (17 meter each),**Vertical supports:-**28 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos. (32 meters each),**Purlin (roof top):-**3Nos. (32 meters each), **Purlin (roof bottom):-**1Nos. (32 meters each), **Purlin front/Back:-**4 Nos. (6 meter each), **Trusses Centre top support :-**22 Nos (3.5 mtr each), **GI Door of size** 1 meter x 2 meter of 01 No. (8 meters).

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purlin (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-** 34 Nos. (0.6 meter each).

2--G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger:- 42 Nos., **LLDP Pipe 16mm:-** 70 meters, **Astmd Pipe 32mm:-** 12 meters, **Filter:-** 1 No., **1 HP Water Pump Motor:-** 1 No., **Water tank 1000 liters:-** 01 No. with fitting, **Control Assembly Valve:-**2Nos., .one hydrant inside green house for irrigation **UV Stabilized sagging wire & accessories:-** 165 meters, **Microprocessor temperature with cyclic timer controlling humidity sensor and photoperiodic timer:-** 1 No.

4-----Covering/Shading System

Shading Net 50% 32mtrx6.5mtr:-01 job = 208 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=**470Sqm,**whiteuvstabilizedInsectNet (1.5mx20.5m(40Mesh)=2 =** 98 Sqm, **Aluminum locking profile with pvc coated zigzag spring :-** 300 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). 2 Job.** Pulley system for Shade Net (**big pulley for rope and small pulley for shade, with rope)=1Job**

5---- Evaporative Cooling System (ECS)

Cellulose Cooling pad(5x20x4")feet with Aluminum gutter frame 1 No, Water Tank 500ltr with fitting 1No, Pump 1hp with fitting 1No, Filter with fittings 1 No &Co Axial flow fan 48” 2 Nos, **Air curtain 3’=1No.**

6---- Heating and Lighting System:-

Heat blower2.5 Kw Agri Grade= 6Nos, Growth light 4’= 20Nos

7----Civil work

PCC foundation (1:3:6) 1’ feet below and 2’ above ground level:

Earth work excavation of size 1’ x 260’ x 1’ = 7cum , Stone soling hand paced 7cum & Concreting For Structure 79m x 1m x 0.3m, along with Tank concrete base, Buffer Room Concrete Base 5’x5’x3” :-24Cum.

8----Electrification

Change over 1NO ,MCB Box 1NO, MCBs for all electrical equipments , wire, conduit 1”, lamp, Holder, Service Line(10 meter of 16mm alu cable, 2 core) of standard make.

6 Hi-Tech Poly Green house Structure (Poly film based) with Concrete Base , Evaporative Cooling System, Heating and Lighting system & Buffer room with Air curtain

Manufacturing, providing and installation “**Hi-Tech Poly Green house Structure with Buffer room:**”-

Structure Size:-30m x10m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 300 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, Square GI Pipe 38mmx38mm,32mmx32mm, 2mm thick IS :13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1----G.I. Structure of 38x38mm,32x32mm Square Pipe of thickness 2mm: -

Trusses:- 11Nos. (28 meter each),**Vertical supports:-**26 Nos.(3.25 meters each), **Centre Vertical supports:-**11 Nos.(3.25 meters each),**Purlins (side wise):-**6Nos. (30 meters each),**Purlin (roof top):-**3Nos. (30 meters each), **Purlin (roof bottom):-**1Nos. (30 meters each), **Purlin front/Back:-**4 Nos. (10 meter each), **Trusses Centre top support :-**20 Nos (5.5 mtr each), **GI Door of size** 1 meter x 2 meter of 01 No. (8 meters).

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purline (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-** 43 Nos. (0.6 meter each).

2--G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger: - 80 Nos., **LLDP Pipe 16mm:-** 125 meters, **Astmd Pipe 32mm:-** 18 meters, **Filter:-** 1 No., **L5 HP Water Pump Motor:-** 1 No., **Water tank 1000 liters:-** 01 No. with fitting, **Control Assembly Valve:-**2Nos. .one hydrant inside green house for irrigation,**UV Stabilized sagging wire & accessories:** - 215 meters, **Microprocessor temperature with cyclic timer controlling humidity sensor and photoperiodic timer:-** 1 No.

4-----Covering/Shading System

Shading Net 50% 30mtrx10.5mtr:-01 job = 315 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=**580Sqm,**whiteuvstabilizedInsectNet (1.5mx20.5m(40Mesh)x2 =** 93 Sqm, **Aluminum locking profile with pvc coated zigzag spring :-** 350 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc).** **2 Job.** Pulley system for Shade Net (**big pulley for rope and small pulley for shade, with rope**)=1Job

5---- Evaporative Cooling System (ECS)

Cellulose Cooling pad(5x33x4”)feet with Aluminum gutter frame 1 No, Water Tank 500ltr with fitting 1No, Pump 1hp with fitting 1No, Filter with fittings 1 No &Co Axial flow fan 48” 2 Nos, **Air curtain 3’=1No.**

6---- Heating and Lighting System:-

Heat blower2.5 Kw Agri Grade= 12Nos, **Growth light 4’=** 36Nos

7----Civil work

PCC foundation (1:3:6) 1’ feet below and 2’ above ground level:

Earth work excavation of size 1’ x 273’ x 1’ = 7.5cum , **Stone soling hand paced 7.5cum & Concreting For Structure 83m x 1m x 0.3m, along with Tank concrete base, Buffer Room Concrete Base 5’x5’x3” :-**25.5Cum.

8----Electrification

Change over 1NO ,MCB Box 1NO, MCBs for all electrical equipments , wire, conduit 1”, lamp, Holder, Service Line(10 meter of 16mm alu cable, 2 core) of standard make,

7 Hi-Tech Poly Green house Structure (Poly film based) with Concrete Base , Evaporative Cooling System, Heating and Lighting system & Buffer room with Air curtain

Manufacturing, providing and installation “**Hi-Tech Poly Green house Structure with Buffer room:**”-

Structure Size:-20m x5m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 100 sqm Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, GI square Pipe 32x32mm, 2mm thick IS:13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 8Nos. (15 meter each),**Vertical supports:-**18 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(20 meters each),**Purlin (roof top):-**3Nos. (20 meters each), **Purlin front/Back:-**4 Nos. (5 meter each), **Trusses Centre top support :-**12 Nos (3 mtr each), **G.I. Door of size 1m x 2m:-**1No (8meter)with handle and tower bolt.

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-**25Nos. (0.6 meter each).

2- G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger:- 30 Nos., **LLDP Pipe 16mm:-** 45 meters, **Astmd pipe 32mm:-** 12 meters, **Filter:-** 1 No., **1 HP Water Pump Motor:-** 1 No., **Water tank 500 liters:-** 01 No. with fitting, **Control Assembly Valve:-**2Nos., .one hydrant inside green house for irrigation **UV Stabilized sagging wire & accessories:-** 105 meters, , **Microprocessor Humidity & temperature controlling system with cyclic timer sensor and photoperiodic timer-** 1 No

4-----Covering/Shading System

Shading Net 20mtrx6mtr:-01 job = 120 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=**300Sqm,**whiteuvstabilizedInsectNet (1.5mx20.5m(40Mesh)=**2 = 65 Sqm, **Aluminum locking profile with pvc coated spring:-** 200 meters, up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). **2 Job.** Pulley system for Shade Net (big pulley for rope and small pulley for shade, with rope)=**1Job**

5 Evaporative Cooling System (ECS)

Cooling pad(5x16x4")feet with aluminum gutter frame 1 No, **Water Tank 500ltr** with fitting 1No, **Pump 1hp** with fitting 1No, **Filter with fittings** 1 No & **Axial flow fan 48”=** 2 Nos .**Air curtain 3”=** 1No

6---- Heating and Lighting System:-

Heat blower2.5 Kw Agri Grade= 4Nos, **Growth light 4”=** 12Nos

7----Civil work

PCC foundation (1:3:6) 1’ feet below and 2’ above ground level:

Earth work excavation of size 1’ x 180’ x 1’ = 5cum , **Stone soling hand paced** 5cum & **Concreting For Structure 55m x 1m x 0.31m,** alongwith **Tank concrete base, Buffer Room Concrete Base 5’x5’x3”** 17.3Cum.

6----Electrification

Change over,MCB box 1No :- 01 job, **MCBs for all electrical equipments, wire, conduit 1”, lamp, Holder, Service Line(10 meter of 16mm Alu Cable,2 Core)** of standard make,

Annexure D (i)

1. Semi Hi Tech Poly Green house Structure Poly film based (20m x 6m) + Buffer room (1.5mx1.5m)

Manufacturing, providing and installation “Semi Hi-Tech Poly Green house Structure with Buffer room:”-

Structure Size:-20m x6m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 120 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, GI square Pipe 32x32mm, 2mm thick IS:13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 8Nos. (17 meter each),**Vertical supports:-**20 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(20 meters each),**Purlin (roof top):-**3Nos. (20 meters each), **Purlin front/Back:-**4 Nos. (6 meter each), **Trusses Centre top support :-**14 Nos (3.5 mtr each), **G.I. Door of size 1m x 2m:-**1No (8meter)with handle and tower bolt.

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-** 26Nos. (0.6 meter each).

2- G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger:- 30 Nos., **LLDP Pipe 16mm:-** 45 meters, **Astmd pipe 32mm:-** 12 meters, **Filter:-** 1 No., **I HP Water Pump Motor:-** 1 No., **Water tank 500 liters:-** 01 No. with fitting, **Control Assembly Valve:-**2Nos., No., with one hydrant in side for irrigation. **UV Stabilized sagging wire & accessories:-** 105 meters, **Timer controller- 1 No**

4-----Covering/Shading System

Shading Net 20mtrx6.5mtr:-01 job = 130 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=350Sqm,whiteuvstabilizedInsectNet (1.5mx20.5m(40Mesh)X2Nos. job= 61.5 Sqm, Aluminum locking profile with pvc coated spring:-** 220 meters, up Curtain Set(Pipe 3/4” ,handle, Gear box gripper etc). **2 Job.** Pulley system for Shade Net (big pulley for rope and small pulley for shade, with rope)=1Job

5-----Civil work

Earth work excavation for 26 No. pits/trenches of size 1' x 1' x 2' = 1.5 cum , Stone soling hand picked 1 cum & concreting alongwith concrete base for water tank 4'x4'x3", & Buffer Room Concrete Base 5'x5'x3" . = 1.7Cum.

6-----Electrification

MCB Box, , MCB's for all electrical equipments ,wire, conduit 1", lamp, Holder, Service Line(10 meter of 10mm alu,2core cable) of standard make :- 01 job

2 Semi Hi Tech Poly Green house Structure Poly film based (21m x 6m) + Buffer room (1.5mx1m)

Manufacturing, providing and installation “Semi Hi-Tech Poly Green house Structure with Buffer room

Structure Size:-21m x6m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 126 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, GI square Pipe 32x32mm, 2mm thick IS:13299 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 32x32mm SquarePipe of thickness 2mm: -

Trusses:- 8Nos. (17 meter each),**Vertical supports:-**20 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(21 meters each),**Purlin (roof top):-**3Nos. (21 meters each), **Purlin (roof bottom):-**1Nos. (21 meters each), **Purlin front/Back:-**4 Nos. (6 meter each), **Trusses Centre top support :-**14 Nos (3.5 mtr each), **G.I. Door size 1m x 2m:-**1No (8meter) with handle and tower bolt.

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-** 26 Nos. (0.6 meter each).

2- G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job

3-----Humidity & Irrigation System

Fogger or inv sprinkler: - 30 Nos., **LLDP Pipe 16mm:-** 44 meters, **Astmd pipe 32mm:-** 12 meters, **Filter:-** 1 No., **1 HP Water Pump Motor:-** 1 No., **Water tank 500 liters:-** 01 No. with fitting, with one hydrant in side for irrigation. **Control Assembly Valve:-**1Nos., **UV Stabilized sagging wire & accessories: -** 110 meters, **Timer Controller:-** 1 No.

4-----Shading System

Shading Net 50%21mtrx6.5mtr:-01 job = 150 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=**350Sq, **whiteuvstabilizedInsectNet (1.5mx21.5m(40Mesh)x2. =** 65 Sqm, **Aluminum locking profile with pvc coated zigzag spring:-** 230 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). 2 Job. Pulley system for Shade Net (big pulley for rope and small pulley for shade, with rope)=**1Job

5-----Civil work

Earth work excavation for 26No. pits/trenches of size 1’ x 1’ x 2’ = 1.5 cum , **Stone soling hand packed 1 cum & concreting alongwith concrete base for water tank 4’x4’x3” , & Buffer Room Concrete Base 5’x5’x3” . =** 1.75Cum.

6-----Electrification

MCB Box, MCB’s for all electrical equipments, wire, conduit 1”, lamp, Holder, Service Line(10 meter of 10mm Alu ,2core cable) of standard make’:- 1No.

3 Semi Hi Tech Poly Green house Structure Poly film based (25m x 6m) + Buffer room (1.5mx1.5m)

Manufacturing, providing and installation “**Simi Hi-Tech Poly Green house Structure with Buffer room:**”-
 Structure Size:-25m x6m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 150 sqm
 Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, Square GI Pipe
 32x32mm, 2mm thick ISI Standard humidity resistant pipe for maximum Indian wind load conditions capacity
 of 140/Kms/hour, as per detailes hereunder.

1----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 9Nos. (17 meter each),**Vertical supports:-**22 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(25 meters each),**Purlin (roof top):-**3Nos. (25 meters each), **Purlin (roof bottom):-**1Nos. (25 meters each),
Purlin front/Back:-4 Nos. (6 meter each), **Trusses Centre top support :-**16 Nos (3.5 mtr each), **G.I. Door size 1m x 2m:-**1No (8meter) with handle and tower bolt.

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 40x40mm:-** 28 Nos. (0.6 meter each).

2- G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger:- 34 Nos., **LLDP Pipe 16mm:-** 52 meters, **PVC Pipe 32mm:-** 12 meters, **Filter:-** 1 No., **I HP Water Pump Motor:-** 1 No., **Water tank 1000 liters:-** 01 No. with fitting, **Control Assembly Valve:-**1Nos., , with one hydrant in side for irrigation **UV Stabilized sagging wire & accessories: -** 130 meters,**Timer controller :-** 1 No

4-----Shading System

Shading Net 25mtrx6.5mtr:-01 job = 168 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=**380Sq, **whiteuvstabilizedInsectNet , 1.5mx25.5m(40Mesh):-**2 Nos. job= 78 Sqm, **Aluminum locking profile with screws:-** 240 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). 2 Job.** Pulley system for Shade Net (**big pulley for rope and small pulley for shade, with rope**)=1Job

5----Civil work

Earth work excavation for 28 No. pits/trenches of size 1’ x 1’ x 2’ = 1.6cum , Stone soling hand picked 1.6 cum & concreting alongwith concrete base for water tank 4’x4’x3” , Buffer Room Concrete Base 5’x5’x3” & Water Motor Concrete base 1’x’1.5’x3” = 2Cum.

7----Electrification

MCB Box, MCB, wire, conduit 1”, lamp, Holder, Service Line(10 meter of 10mm alu,2 core cable) of standard make :- 01 job

4 Semi Hi Tech Poly Green house Structure Poly film based (30m x 6m) + Buffer room (1.5mx1.5m)

Manufacturing, providing and installation “**Semi Hi-Tech Poly Green house Structure** with Buffer room.
Structure Size:-30m x 6m x 4m x 2.5m (L x W x CH x SH) Total Working floor area- 180 sqm

Buffer room size:- 1.5m x1m x3m x2m(L x W x CH x SH) Single Span, tubular shape, GI square Pipe 32x32mm, 2mm thick IS:13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 11Nos. (17 meter each),**Vertical supports:-**26 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos. (30 meters each),**Purlin (roof top):-**3Nos. (30 meters each), **Purlin (roof bottom):-**1Nos. (30 meters each), **Purlin front/Back:-**4 Nos. (6 meter each), **Trusses Centre top support :-**20 Nos (3.5 mtr each), **GI Door of size 1 meter x 2 meter of 01 No. (8 meters).**

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purline (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-** 32 Nos. (0.6 meter each).

2- G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger: - 40 Nos., **LLDP Pipe 16mm:-** 65 meters, **Astmd Pipe 32mm:-** 12 meters, **Filter:-** 1 No., **I HP Water Pump Motor:-** 1 No., **Water tank 1000 liters:-** 01 No. with fitting, **Control Assembly Valve:-**2Nos. , with one hydrant in side for irrigation,**UV Stabilized sagging wire & accessories: -** 155 meters, **Timer Controller :-** 1 No.

4-----Covering/Shading System

Shading Net 50% 30mtrx6.5mtr:-01 job = 195 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=440Sqm, white uv stabilized Insect Net 40 Mesh (1.5mx30.5m)x2=** 93 Sqm, **Aluminum locking profile with pvc coated zigzag spring :-** 270 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). 2 Job.** Pulley system for Shade Net (big pulley for rope and small pulley for shade, with rope)=1Job

5-----Civil work

Earth work excavation for 32 No. pits/trenches of size 1’ x 1’ x 2’ = 1.75cum , Stone soling hand picked 1.6 cum & concreting alongwith concrete base for water tank 4’x4’x3” , Buffer Room Concrete Base 5’x5’x3” & Water Motor Concrete base 1’x1.5’x3” = 2.2 Cum.

7-----Electrification

MCB Box, MCB’s for all electrical equipments wire, conduit 1”, lamp, Holder, Service Line(10 meter of 10mm alu,2 core cable) of standard make :- 01 job

5 Semi Hi Tech Poly Green house Structure Poly film based (32m x 6m) + Buffer room (1.5mx1.5m)

Manufacturing, providing and installation “**Simi Hi-Tech Poly Green house Structure with Buffer room:**”-

Structure Size:-32m x6m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 192 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, Square GI Pipe 32x32mm, 2mm thick IS :13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 32x32mm Square Pipe of thickness 2mm: -

Trusses:- 12Nos. (17 meter each),**Vertical supports:-**28 Nos.(3.25 meters each), **Purlins (side wise):-**6Nos. (32 meters each),**Purlin (roof top):-**3Nos. (32 meters each), **Purlin (roof bottom):-**1Nos. (32 meters each), **Purlin front/Back:-**4 Nos. (6 meter each), **Trusses Centre top support :-**22 Nos (3.5 mtr each), **GI Door of size 1 meter x 2 meter of** 01 No. (8 meters).

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purlin (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-** 34 Nos. (0.6 meter each).

2--G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger: - 42 Nos., **LLDP Pipe 16mm:-** 70 meters, **Astmd Pipe 32mm:-** 12 meters, **Filter:-** 1 No., **I HP Water Pump Motor:-** 1 No., **Water tank 1000 liters:-** 01 No. with fitting, **Control Assembly Valve:-**2Nos. , with one hydrant in side for irrigation,**UV Stabilized sagging wire & accessories: -** 165 meters.**Timercontroller:-** 1 No.

4-----Covering/Shading System

Shading Net 50% 32mtrx6.5mtr:-01 job = 208 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=**470Sqm, **white uv stabilized Insect Net (1.5mx32.5m(40Mesh)x2=** 98 Sqm, **Aluminum locking profile with pvc coated zigzag spring :-** 300 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). 2 Job.** Pulley system for Shade Net (**big pulley for rope and small pulley for shade, with rope**)=1Job

5-----Civil work

Earth work excavation for 34 No. pits/trenches of size 1’ x 1’ x 2’ = 1.9cum , Stone soling hand picked 1.9 cum & concreting alongwith concrete base for water tank 4’x4’x3” , Buffer Room Concrete Base 5’x5’x3” & Water Motor Concrete base 1’x1.5’x3” = 2.3 Cum.

6-----Electrification

MCB Box, MCB’s for all electrical equipments , wire, conduit 1”, lamp, Holder, Service Line(10 meter of 10mm alu,2 core cable) of standard make :- 01 job

6 Semi Hi Tech Poly Green house Structure Poly film based (30m x 10m) + Buffer room (1.5mx1.5m)

Manufacturing, providing and installation “**Simi Hi-Tech Poly Green house Structure with Buffer room:**”-

Structure Size:-30m x10m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 300 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, Square GI Pipe 38mmx38mm,32mmx32mm, 2mm thick IS :13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 38x38mm,32x32mm SquarePipe of thickness 2mm: -

Trusses:- 11Nos. (28 meter each),**Vertical supports:-**26 Nos.(3.25 meters each), **Centre Vertical supports:-** 11 Nos.(3.25 meters each),**Purlins (side wise):-**6Nos. (30 meters each),**Purlin (roof top):-**3Nos. (30 meters each), **Purlin (roof bottom):-**1Nos. (30 meters each), **Purlin front/Back:-**4 Nos. (10 meter each), **Trusses Centre top support :-**20 Nos (5.5 mtr each), **GI Door of size** 1 meter x 2 meter of 01 No. (8 meters).

Buffer room

Trusses:- 2 Nos. (5 meter each),**Vertical supports:-**6 Nos.(3.25 meters each), **Purline (side wise):-**6Nos.(1.5 meters each),**Purlin (roof top):-**3Nos. (1.5 meters each), **Purlin front:-**1 No. (1.5 meter each), **GI Pillar Post 38x38mm:-** 43 Nos. (0.6 meter each).

2--G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger:- 80 Nos., **LLDP Pipe 16mm:-** 125 meters, **Astmd Pipe 32mm:-** 18 meters, **Filter:-** 1 No., **I.5 HP Water Pump Motor:-** 1 No., **Water tank 1000 liters:-** 01 No. with fitting, **Control Assembly Valve,** with one hydrant in side for irrigation e:-2Nos.**UV Stabilized sagging wire & accessories: -** 215 meters,**Timer controller:-** 1 No.

4-----Covering/Shading System

Shading Net 50% 30mtrx10.5mtr:-01 job = 315 sqm., **Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip, Thermic,uvstabilized,antidust,antisulphur=**580Sqm, **white uv stabilized Insect Net (1.5mx30.5m(40Mesh)x2=** 93 Sqm, **Aluminum locking profile with pvc coated zigzag spring :-** 350 meters, **Roll up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). 2 Job.** Pulley system for Shade Net (**big pulley for rope and small pulley for shade, with rope)=**1Job

5-----Civil work

Earth work excavation for 43 No. pits/trenches of size 1’ x 1’ x 2’ = 2.5cum , Stone soling hand picked 2 cum & concreting alongwith concrete base for water tank 4’x4’x3” , Buffer Room Concrete Base 5’x5’x3” & Water Motor Concrete base 1’x’1.5’x3” = 2.75 Cum.

6-----Electrification

MCB Box, , MCB’s for all electrical equipments , wire, conduit 1”, lamp, Holder, Service Line(10 meter of 10mm alu,2 core cable) of standard make :- 01 job

7 Semi Hi Tech Poly Green house Structure Poly film based (20m x 5m) + Buffer room (1.5mx1.5m)

Manufacturing, providing and installation “Semi Hi-Tech Poly Green house Structure with Buffer room: ”-
Structure Size:-20m x5m x 4m: 2.5m (L x W x CH x SH) Total Working floor area- 100 sqm

Buffer room size:- 1.5m x1.5m x3m x2m(L x W x CH x SH) Single Span, tubular shape, GI square Pipe 32x32mm, 2mm thick IS:13229 Standard humidity resistant pipe for maximum Indian wind load conditions capacity of 140/Kms/hour, as per details hereunder.

1-----G.I. Structure of 32x32mm SquarePipe of thickness 2mm: -

Trusses:- 7Nos. (15 meter each),Vertical supports:-18 Nos.(3.25 meters each), Purlins (side wise):-6Nos.(20 meters each),Purlin (roof top):-3Nos. (20 meters each), Purlin front/Back:-4 Nos. (5 meter each),), Trusses Centre top support :-12 Nos (3 mtr each), G.I. Door of size 1m x 2m:-1No (8meter)with handle and tower bolt.

Buffer room

Trusses:- 2 Nos. (5 meter each),Vertical supports:-6 Nos.(3.25 meters each), Purlins (side wise):-6Nos.(1.5 meters each),Purlin (roof top):-3Nos. (1.5 meters each), Purlin front:-1 No. (1.5 meter each), GI Pillar Post 38x38mm:- 24Nos. (0.6 meter each).

2- G I Door with Aluminum side angle: size 1 meter x 2 meter with center leaves made of PC Sheet 8mm ,Key locking arrangement, handle and hydraulic door closer :- 01 Job.

3-----Humidity & Irrigation System

Fogger/inv sprinkles - 20 Nos., LLDP Pipe 16mm:- 45 meters, PVC Pipe 40mm:- 12 meters, Filter:- 1 No., I HP Water Pump Motor:- 1 No., Water tank 500 liters:- 01 No. with fitting, Control Assembly Valve:- 2Nos, , with one hydrant in side for irrigation UV Stabilized sagging wire & accessories: - 80 meters, Timer Controller:- 1 No.

4-----Covering/Shading System,

Shading Net 20mtrx6mtr:-01 job = 120 sqm., Polyfilm 200 Micron,120gsm,5 layer superstrong,Anti drip,Thermic,uvstabilized,antidust,antisulphur=300Sq,white uv stabilized Insect Net 40 Mesh (1.5mx21m)x2 Nos. job= 65 Sqm, Aluminum locking profile with pvc coated spring:- 200 meters, up Curtain Set(Pipe ¾” ,handle, Gear box gripper etc). 2 Job. Pulley system for Shade Net (big pulley for rope and small pulley for shade, with rope)=1Job

5-----Civil work

Earth work excavation for 24 No. pits/trenches of size 1' x 1' x 2' = 1.3 cum , Stone soling hand picked 1 cum & concreting along with concrete base for water tank 4'x4'x3", & Buffer Room Concrete Base 5'x5'x3" . = 1.7Cum.

6----Electrification

MCB Box, MCB's for all electrical equipments, wire, conduit 1", lamp, Holder, Service Line(10 meter of 10mm alu,2core cable) of standard make :- 01 job