



VEER CHANDRA SINGH GARHWALI UTTARAKHAND UNIVERSITY OF HORTICULTURE AND FORESTRY

Bharsar, Pauri Garhwal - 246 123, Uttarakhand, India | Website: www.uuhf.ac.in

E-Procurement Cell

STANDARD BIDDING DOCUMENT (SBD)

TWO-BID OPEN E-TENDER FOR ANNUAL RATE CONTRACT (ARC)

FOR THE SUPPLY OF HORTICULTURE PLASTICWARE, DRIP & SPRINKLER IRRIGATION EQUIPMENT, SOILLESS GROWING MEDIA, AND GREENHOUSE STRUCTURAL MATERIALS

SECTION I: NOTICE INVITING TENDER (NIT) & BID DATA SHEET

Online bids (Two-Bid System: Technical Bid & Financial BOQ) are invited on behalf of the Vice-Chancellor, VCSG Uttarakhand University of Horticulture and Forestry (VCSG UUHF), Bharsar, from reputed manufacturers, authorized distributors, and genuine suppliers for establishing an Annual Rate Contract (ARC) for a period of one (1) year (extendable by one additional year subject to satisfactory performance).

Tender Reference No.	VCSG-UUHF/PUR/ARC-PLAST/2026-27/01
E-Tender Portal	Uttarakhand Government Portal: https://uktenders.gov.in
Scope / Description of Supply	Annual Rate Contract for Supply of Horticulture Plasticware, Drip/Micro Irrigation System, Sprinklers, Soilless Media, and Greenhouse Fabrication Materials
Estimated Contract Value	INR 10000000/- (Rupees One Crore only)
Tender Processing Fee (Non-refundable)	INR 5900/- (INR 5,000 + 18% GST) via RTGS/NEFT or DD in favor of 'Comptroller, Uttarakhand University of Horticulture & Forestry, Bharsar (Pauri Garhwal).
Earnest Money Deposit (EMD /	INR 225000/- (Rupees Two Lac Twenty Five Thousand Only)

Bid Security)	as FDR/CDR/BG pledged to Comptroller, VCSG UUHF, Bharsar (Exemption for registered Uttarakhand Micro/Small Enterprises as per State Industrial Policy)
Performance Security / Guarantee	5% of total order value upon award, valid for 14 months
Bid System	Two-Cover System (Cover 1: Technical & Fee Bid Cover 2: Financial BOQ)
Delivery Locations (F.O.R. Destination)	VCSG UUHF Main Campus (Bharsar), College of Forestry (Ranichauri, Tehri), College of Hill Agriculture, Chirbatiya (Rudraprayag), Research Stations (Gaja, Selaqui, Kanatal, Pratapnagar, Jakhinda), Institute of Medicinal and Aromatic Plants, Gairsen, Institute of Food Science and Technology, Majrigrant and affiliated Krishi Vigyan Kendras (KVKs)
Bid Validity	180 Days from the date of Technical Bid Opening
E-Publishing & Document Download Date	01.10.2026, 10:00 AM
Pre-Bid Meeting Date & Mode	The Pre-Bid Meeting shall be held on 07.10.2026 at 11:30 AM through online mode. Bidders can participate in the meeting via Google Meet using the following link: https://meet.google.com/prf-qatt-usf
Last Date & Time for Online Submission	14.10.2026, 05:00 PM
Date & Time of Technical Bid Opening	15.10.2026 09:00 AM
Date of Financial Bid Opening	To be notified online to technically qualified bidders

SECTION II: ELIGIBILITY CRITERIA & COMPLIANCE WITH UTTARAKHAND SBD DIRECTIVES

- **Average Annual Turnover:** The average annual turnover of the bidding entity over the last five (5) completed financial years (FY 2021-22, 2022-23, 2023-24, 2024-25, 2025-26) must be at least 50% of the estimated tender value, i.e., minimum INR 50.00 Lakhs (Rupees Fifty Lakhs). Audited financial balance sheets and P&L statements along with a CA certificate bearing Unique Document Identification Number (UDIN) are mandatory.

- ### SECTION III: INSTRUCTIONS TO BIDDERS (ITB)

- Page | 3

a) Cover 1 (Fee / Technical Bid): Must contain scanned copies of RTGS/NEFT/DD for Tender Fee, EMD instrument (or MSME/NSIC exemption certificate), Certificate of Incorporation, GST Return (GSTR-3B of last 6 months), Audited Balance Sheets for 5 years, CA Turnover Certificate with UDIN, Past Experience Work Orders and Completion Certificates, ISO Certificate, Manufacturer Authorization Form (Annexure-B), and Notarized Non-Blacklisting Affidavit (Annexure-A).

b) Cover 2 (Financial Bid / BOQ): Bidders must quote their item-wise unit rates in the standardized Microsoft Excel BOQ template (.xls) uploaded on the e-procurement portal. Rates must be quoted inclusive of packing, forwarding, handling, freight, hill transit insurance, and delivery F.O.R. Bharsar/Ranichauri. Applicable GST must be specified separately.

3. Rejection of Incomplete Bids: Bids lacking requisite EMD, incomplete documentation, non-compliance with technical parameters, or conditional offers will be summarily rejected.

4. Rate Contract Flexibility: The University does not guarantee minimum order quantities. Supply orders will be released on an 'as-and-when-required' basis during the currency of the Rate Contract.

SECTION IV: GENERAL & SPECIAL CONDITIONS OF CONTRACT (GCC & SCC)

- **Delivery Terms - Strictly F.O.R. Destination (Hill Stations):** All supplies must be delivered strictly F.O.R. Destination to VCSG UUHF Main Campus Bharsar (Distt. Pauri Garhwal), Ranichauri Campus (Distt. Tehri Garhwal), Research Stations, or associated KVKs. Private supplier terms demanding 'Ex-Godown' delivery, minimum consignment value thresholds, or additional freight surcharges for hilly/remote terrain are STRICTLY VOID and superseded by this contract.
- **Delivery Schedule & Liquidated Damages (LD):** The standard delivery timeframe is thirty (30) days from the date of issuance of the Purchase Order. In event of unjustified transit delays, Liquidated Damages shall be levied @ 0.5% per week of delay or part thereof, up to a maximum ceiling of 10% of the consignment order value, after which the University reserves the right to cancel the order and invoke Risk Purchase.
- **Quality Standards & Mandatory Material Testing:** All plasticware, shade nets, poly films, and pipes must strictly comply with relevant Bureau of Indian Standards (BIS) and UV stabilization specifications. The University reserves the right to conduct independent random laboratory testing of tensile strength, micron thickness, and UV additives at CIPET or accredited NABL labs. Should samples fail testing, testing expenses shall be deducted from pending bills and the batch rejected at supplier's risk and cost.

- **Payment Terms:** 100% payment shall be disbursed through PFMS / Direct Account Transfer within thirty (30) days following physical receipt, inspection, verification, and satisfactory stock entry by the designated Officer-in-Charge / Indenting Department. No advance payment or Bank Draft against dispatch documents will be permitted.
- **Fall Clause:** The prices charged by the vendor under this Rate Contract shall under no circumstances exceed the lowest rate at which the contractor sells the identical goods or offers similar items to any other Central/State Govt. Department, ICAR Institute, or University during the period of the contract. If at any time during the said period the contractor reduces the sale price, the University rate shall stand automatically reduced accordingly.
- **Risk Purchase Clause:** If the supplier fails to execute the order within the stipulated schedule or supplies defective goods, the University reserves the unconditional right to purchase identical materials from the open market or secondary bidders and recover the entire price differential, administrative overheads, and logistics expense from the contractor's pending bills or Performance Guarantee.
- **Jurisdiction & Dispute Resolution:** In the event of any legal dispute, controversy, or claim arising out of or related to this Rate Contract, the competent courts having jurisdiction over Pauri Garhwal / Nainital (High Court of Uttarakhand) shall have exclusive jurisdiction.

SECTION V: SCHEDULE OF REQUIREMENTS & TECHNICAL SPECIFICATIONS (PRICE SCHEDULE)

Bidders are required to quote rates for the standardized items (List Attached). All quantities shall be ordered on an as-and-when-required basis across university campuses and research centers.

SECTION VI: BID SUBMISSION TEMPLATES & ANNEXURES

ANNEXURE - A: NOTARIZED NON-BLACKLISTING & SBD COMPLIANCE AFFIDAVIT

(To be executed on Non-Judicial Stamp Paper of Rs. 100/- duly attested by Notary Public)

I / We, _____, in capacity of Proprietor / Managing Partner / Authorized Director of M/s _____, having registered office at _____, do hereby solemnly affirm and state as follows:

1. That our firm/company has neither been blacklisted, debarred, nor penalized by any Central/State Government Ministry, Department, University, ICAR Institute, or Public Sector Undertaking from participating in public tenders.
2. That all prices quoted in Financial BOQ are strictly F.O.R. Destination (Bharsar/ Ranichauri / Research Stations/IMAP/MTC) inclusive of all freight, packing, and hill-transit insurance.
3. We accept the unconditional application of the Fall Clause and Liquidated Damages Clause.

DEPONENT

Verification: Verified at _____ on this _____ day of _____ 2026 that contents of this affidavit are true to the best of my knowledge.

ANNEXURE - B: MANUFACTURER'S AUTHORIZATION FORM (MAF)

(To be submitted on Original Letterhead of the Manufacturing Company in case bidder is an Authorized Distributor/Dealer)

To,

Registrar
Veer Chandra Singh Garhwali
Uttarakhand University of Horticulture and Forestry (VCSG UUHF),
Bharsar, Pauri Garhwal - 246123,
Uttarakhand.

Subject: Manufacturer Authorization for Tender Ref No. VCSG-UUHF/PUR/ARC-PLAST/2026-27/01.

Dear Sir,

We, M/s _____, who are established and reputable manufacturers of Horticulture Plasticware, Drip Irrigation Systems, Shade Nets, Greenhouse Materials, and Soilless Media having factory facilities at _____, do hereby authorize M/s _____ [Name and Address of Agent/Distributor] to submit bid, negotiate, and conclude the Annual Rate Contract with VCSG UUHF, Bharsar against the above tender.

We hereby extend our comprehensive manufacturer warranty and quality assurance for the goods offered by the above firm against this tender, and certify that all products comply with relevant BIS/ISO specifications.

Name:

Designation:

Official Seal & Signature of Manufacturer

Note: The standard Annual Rate Contract agreement form will be issued separately by the University to the successful bidder after the evaluation and award of the Contract.

VEER CHANDRA SINGH GARHWALI UTTARAKHAND UNIVERSITY OF HORTICULTURE AND FORESTRY

Bharsar, Pauri Garhwal - 246 123, Uttarakhand, India | Website: www.uuhf.ac.in
E-Procurement Cell

TECHNICAL BID FORM (COVER 1)

ANNUAL RATE CONTRACT (ARC) FOR THE SUPPLY OF HORTICULTURE PLASTICWARE, DRIP & SPRINKLER IRRIGATION EQUIPMENT, SOILLESS GROWING MEDIA, AND GREENHOUSE STRUCTURAL MATERIALS

Tender Reference No.: VCSG-UUHF/PUR/ARC-PLAST/2026-27/01 | Portal: <https://uktenders.gov.in>

[Important Note: This form must be duly filled, signed, stamped, scanned, and uploaded under Cover 1 (Technical & Fee Bid) along with all supporting documentary proofs. Incomplete submissions are liable to be summarily rejected.]

1. BASIC PARTICULARS OF THE BIDDER

Name of the Bidding Entity / Company	
Constitution / Legal Status	☐ Proprietorship ☐ Partnership ☐ Pvt. Ltd. ☐ Public Ltd. ☐ Joint Venture
Nature of Business	☐ Original Manufacturer (OEM) ☐ Authorized Distributor/Dealer
Registered Office Address	
Works / Factory Address (for OEMs)	
Name of Authorized Signatory / Contact Person	
Designation & Power of Attorney Holder	
Official Telephone / Mobile Number	
Official E-mail ID (for portal correspondence)	
Website URL (if any)	

2. DETAILS OF TENDER PROCESSING FEE & EARNEST MONEY DEPOSIT (EMD)

Particulars	Prescribed Requirement	Details Submitted by Bidder
Tender Processing Fee (Non-refundable)	INR 5,900/- (INR 5,000 + 18% GST) Payable to: Comptroller, VCSG UUHF, Bharsar	Payment Mode: ☐ RTGS/NEFT ☐ DD UTR / DD No.: _____ Date: _____ Bank: _____ Amount (INR): _____
Earnest Money Deposit (EMD / Bid Security)	INR 2,25,000/- (Two Lac Twenty Five Thousand) Pledged to: Comptroller, VCSG UUHF, Bharsar	Instrument: ☐ FDR ☐ CDR ☐ BG FDR/BG No.: _____ Date: _____ Bank: _____ Validity Upto: _____
EMD Exemption Claimed (if applicable)	Exemption permissible only for registered Uttarakhand Micro/Small Enterprises as per State Industrial Policy	☐ Yes ☐ No If Yes, Registration Category: ☐ Micro ☐ Small Enterprise Cert. No.: _____

Validity of EMD Instrument	Minimum 180 + 45 days from technical bid opening	Valid upto: _____
Lead Partner Authorization for EMD (In case of Joint Venture)	Lead Partner officially authorized to submit EMD on behalf of JV consortium if bank cannot issue in JV name	☐ Applicable ☐ Not Applicable Lead Partner Name: _____ Enclosed Authority Letter Page No: ____

3. FINANCIAL TURNOVER (LAST FIVE COMPLETED FINANCIAL YEARS)

Requirement: Average Annual Turnover over last 5 FYs (2021-22 to 2025-26) must be $\geq 50\%$ of tender value, i.e., Min. INR 50.00 Lakhs. CA Certificate with UDIN is mandatory.

S.No.	Financial Year	Annual Turnover (INR in Lakhs)	Audited P&L / BS Attached?
1	FY 2021 - 22		☐ Yes (Page No. ____)
2	FY 2022 - 23		☐ Yes (Page No. ____)
3	FY 2023 - 24		☐ Yes (Page No. ____)
4	FY 2024 - 25		☐ Yes (Page No. ____)
5	FY 2025 - 26		☐ Yes (Page No. ____)
Average Annual Turnover (5 Years)			Min. INR 50.00 Lakhs Required
Chartered Accountant (CA) Details		CA Name: _____ Firm Reg. No.: _____	UDIN: _____ Date of Cert.: _____

4. PAST PERFORMANCE & SINGLE SIMILAR WORK EXPERIENCE

Requirement: At least one (1) single similar supply contract $\geq 33\%$ of tender value (Min. INR 33.00 Lakhs) within past 5 years to any Central/State Govt. University, ICAR Institute, Dept. of Horticulture/Agriculture, Forest Dept., or PSU. Completion certificate mandatory.

S.N.	Client / Organization Details	Purchase Order No. & Date	Contract Value (INR)	Completion Certificate Ref
1	Qualifying Major Order (Mandatory ≥ 33 Lakhs):			☐ Enclosed (Page __)
2	Additional Similar Order:			☐ Enclosed (Page __)
3	Additional Similar Order:			☐ Enclosed (Page __)
4	Additional Similar Order:			☐ Enclosed (Page __)

5. MANUFACTURING MACHINERY, TESTING RIGS & VINTAGE COMPLIANCE

Requirement: Machinery, extrusion lines, testing rigs, and tools deployed must be in prime working condition and not older than eight (8) years from date of initial commercial purchase/installation. Operational fitness undertaking mandatory.

S.N.	Machinery / Testing Equipment Description	Year of Purchase / Commissioning	Operational Status & Undertaking
1	Extrusion Lines / Plastic Moulding Machines		☐ Fully Operational ☐ Age ≤ 8 Yrs
2	Drip Pipe / Lateral Manufacturing Facility		☐ Fully Operational ☐ Age ≤ 8 Yrs

3	In-House Quality Testing Rigs (Tensile/Micron/UV)	☐ Fully Calibrated ☐ Age <= 8 Yrs
4	Machinery Vintage Undertaking Submitted?	Enclosed at Page No. ____ ☐ Attached in prescribed format

6. TECHNICAL STAFF & QUALITY ASSURANCE PERSONNEL (AS PER RULE 7)

[Note: In compliance with Rule 7, submission of PAN cards and personal photographs of technical personnel is NOT required. Only verified list of personnel is required.]

S.N.	Designation / Role	Qualification & Specialization	Total Experience (Years)
1	Senior Production Engineer		
2	Quality Assurance (QA) Inspector		
3	Field Irrigation / Installation Engineer		
4	Material Testing Specialist		

7. STATUTORY REGISTRATIONS & REGULATORY COMPLIANCES

S.N.	Registration / Certification	Registration / Certificate No.	Proof Attached (Page No.)
1	Goods & Services Tax (GST) Registration		☐ Copy Enclosed (Page __)
2	GSTR-3B Returns of Last Six (6) Months	Covering past 6 completed months	☐ Copies Enclosed (Page __)
3	Permanent Account Number (PAN)		☐ Copy Enclosed (Page __)
4	Factory License / Udyam Registration		☐ Copy Enclosed (Page __)
5	ISO 9001:2015 Certification	Validity Date: _____	☐ Copy Enclosed (Page __)
6	Manufacturer Authorization Form (Annexure B)	Mandatory if bidder is Authorized Distributor	☐ Original Enclosed (Page __)

8. ACCEPTANCE OF TENDER TERMS AND CONDITIONS (GCC & SCC)

S.N.	Key Condition / Clause	Bidder's Acceptance (Yes/No)
1	Delivery strictly F.O.R. Destination (Bharsar, Ranichauri, Chirbatiya, Research Stations, KVKs) without any hill transit surcharge or ex-godown demand	☐ Accepted (Unconditional)
2	Delivery timeframe of 30 days from date of issuance of Purchase Order	☐ Accepted
3	Liquidated Damages (LD) @ 0.5% per week of delay up to a ceiling of 10%	☐ Accepted
4	Quality Standards (BIS / UV stabilization) & Random Lab Testing at CIPET/NABL labs at supplier's risk and cost in case of failure	☐ Accepted
5	100% Payment through PFMS / Direct Transfer within 30 days post physical receipt, inspection and satisfactory stock entry (No advance)	☐ Accepted
6	Fall Clause compliance (Prices will not exceed rates charged to other Govt/ICAR bodies)	☐ Accepted
7	Bid Validity of 180 Days from Technical Bid Opening date	☐ Accepted

9. CHECKLIST OF ENCLOSURES IN COVER 1 (TECHNICAL BID)

S.N.	Document Description (As per ITB Clause 2.a)	Status / Enclosure Page No.
1	Scanned copy of RTGS/NEFT/DD for Tender Fee (INR 5,900/-)	☐ Uploaded (Page ____)
2	Scanned copy of EMD Instrument (FDR/CDR/BG for INR 2,25,000/-) or valid Uttarakhand MSME Exemption Certificate	☐ Uploaded (Page ____)
3	Certificate of Incorporation / Registration of Firm	☐ Uploaded (Page ____)
4	GST Registration Certificate & GSTR-3B for past 6 months	☐ Uploaded (Page ____)
5	Audited Balance Sheets & P&L Statements for last 5 Financial Years (FY 2021-22 to 2025-26)	☐ Uploaded (Page ____)
6	CA Turnover Certificate bearing Unique Document Identification Number (UDIN)	☐ Uploaded (Page ____)
7	Work Order & Satisfactory Completion Certificate for Single Similar Contract >= INR 33 Lakhs	☐ Uploaded (Page ____)
8	ISO 9001:2015 Quality Management Certificate	☐ Uploaded (Page ____)
9	Manufacturer Authorization Form (Annexure-B on OEM Letterhead), if bidder is distributor	☐ Uploaded ☐ N/A (Page ____)
10	Notarized Non-Blacklisting & SBD Compliance Affidavit on Rs. 100/- Stamp Paper (Annexure-A)	☐ Uploaded (Page ____)
11	Undertaking for Machinery Vintage (<= 8 Years) & List of Technical Personnel	☐ Uploaded (Page ____)

10. DECLARATION AND UNDERTAKING BY THE BIDDER

- I / We hereby certify that all statements made and information supplied in this Technical Bid Form and the accompanying documents are true, complete, and correct to the best of my/our knowledge and belief.
- I / We have read, examined, and understood all the terms, conditions, specifications, and instructions contained in the Tender Document (Ref: VCSG-UUHF/PUR/ARC-PLAST/2026-27/01) and agree to strictly abide by them without any deviation or conditionality.
- I / We confirm that our firm has not been blacklisted, debarred, or penalized by any Government Department, University, or PSU, and our bid remains valid for 180 days from the date of Technical Bid Opening.
- In the event of any information being found false, fraudulent, or misleading at any stage, the University reserves the unconditional right to reject our bid, forfeit the EMD/Performance Security, and initiate appropriate legal and debarment actions as per Uttarakhand Procurement Rules.

Date: _____

Place: _____

Authorized Signatory

Name: _____

Designation: _____

Name of Firm / M/s: _____

(Official Seal / Stamp of the Bidder)

List of Items

S.No	Plasticware items for Horticulture.	Unit Per
1	Nylon net 40 mesh uv stabilized white, Horticulture purpose.with anti fungal	Sq.Mtr.
2	Anti bird net hole size 20mmx20mm uv stabilized white, Horticulture	Sq.Mtr
3	HDPE Agro shade net 90% uv stabilized (90-100GSM)Green/black/White ,	Sq.Mtr
4	HDPE Agro shade net 90% uv stabilized Mono filament Green , with anti	Sq.Mtr
5	HDPE Agro shade net 75% uv stabilized(90-100GSM) Green/black/white ,	Sq.Mtr
6	HDPE Agro shade net 50% uv stabilized (90-100GSM)Green/black/white ,	Sq.Mtr
7	HDPE Agro shade net 35% uv stabilized (90-100GSM) Green/black/white ,	Sq.Mtr
8	Poly film (uv stabilized Certified) 200 micron thick with 85% =2% transparent,	Sq.Mtr
9	Poly film uv stabilized 200 micron thick transparent	Sq.Mtr
10	Poly film (uv stabilized Certified) 200 micron thick black.with anti fungal. Property	Sq.Mtr
11	Poly film (uv stabilized Certified) 250 micron thick black. with anti fungal. Property	Sq.Mtr
12	Poly film (uv stabilized Certified) 500 micron thick black. Normal	Kg
13	Poly film (uv stabilized Certified) 500 micron thick black. with anti fungal. Property	Sq.Mtr
14	Poly film (uv stabilized Certified) 1000 micron thick black.with anti fungal. Property	Sq.Mtr
15	Poly film (uv stabilized Certified) 1000 micron thick black. Normal.	Sq.Mtr
16	Mulching film uv stabilized, black silver/yellow/ red. 25/30 micron thick, with	Sq.Mtr
17	Polycarbonate sheet UV Stabilized. 04mm thick multiwall With anti	Sq.Ft.
18	Polycarbonate sheet UV Stabilized. 06mm thick multiwall for green house.	Sq.Ft
19	Polycarbonate sheet UV Stabilized. 10mm thick multiwall With anti	Sq.Ft.
20	Pro- tray cavity 104 .	each
21	Pro- tray cavity 98	each
22	Pro- tray cavity 36	each
23	Root Trainner 150CC	each
24	Root Trainner 300CC	each
25	Foldable PVC (Gene) Pipe	Roll
26	Mulching film uv stabilized, black silver. 50 micron thick, with anti fungal	Sq.Mtr
27	Nylon net for plant protection uv stabilized with anti fungal property.	Sq.Mtr
28	Nursery bags (black) with holes uv stabilized with anti fungal property.	Per/Kg
29	Anti heil net uv stabilized with anti fungal property.	Sq.Mtr.
30	Root Trainner Tray 150CC (20 Cell) uv stabilized with anti fungal property.	each
31	Root Trainner Tray 150CC (25 Cell) uv stabilized with anti fungal property.	each
32	Root Trainer block type size 100cc. 40 cell uv stabilized with anti fungal	each
33	Root Trainer block type size 150cc. 20 cell uv stabilized with anti fungal	each
34	Root Trainer block type size 150cc. 25 cell uv stabilized with anti fungal	each
35	Root Trainer block type size 250cc. 12 cell uv stabilized with anti fungal	each
36	Root Trainer block type size 300 cc. 12 cell uv stabilized with anti fungal	each
37	Plastic Pots Made of fresh plastic 5 cm. diaa x 7 cm. height uv stabilized with	each
38	Plastic Pots Made of fresh plastic 10 cm. diaa x 10 cm. height uv stabilized	each
39	Plastic Pots Made of fresh plastic 15 cm. diaa x 15 cm. height uv stabilized	each
40	Plastic Pots Made of fresh plastic 17 cm. diaa x 17 cm. height uv stabilized	each
41	Plastic Pots Made of fresh plastic 20 cm. diaa x 20 cm. height uv stabilized	each
42	Plastic Pots Made of fresh plastic 25 cm. diaa x 25 cm. height uv stabilized	each
43	Plastic Pots Made of fresh plastic 30 cm. diaa x 30 cm. height uv stabilized	each
2- Plasticware items for Drip Irrigation System		Unit Per

1	Screen Super Flow filter 30m3/hr,50mm	each
2	Screen Super Flow filter 25m3/hr,50mm	each
3	Screen Super Flow filter 12m3/hr,50mm	each
4	Screen Super Flow filter 10m3/hr,50mm	each
5	Screen filter 07m3/hr,50mm	each
6	By pass Assembly 2''x1.5'' (Fine)	each
7	Super Non Return valve 2''	each
8	Super Air Release Valve (ARV 1'')	each
9	Ventury Assembly,Complete 2''with G M valve	each
10	Ventury Assembly,Complete1.5''with G M valve	each
11	Ventury Assembly,Complete3/4''with G M valve	each
12	Glycerene filled Pressure Guage 2''(with accuracy +-.1%)	each
13	Mainifold for fertigation Equipment 2''	each
14	PVC pipe 90mm, class II,4kg/cm2 (ISI Mark)	Mtr.
15	PVC pipe 75mm class II 4kg/cm2 (ISI Mark)	Mtr.
16	PVC pipe 63mm class II 4kg/cm2 (ISI Mark)	Mtr.
17	PVC pipe 50mm class II 4kg/cm2 (ISI Mark)	Mtr.
18	PVC pipe 40mm class II 4kg/cm2 (ISI Mark)	Mtr.
19	PVC pipe 40mm class II 6kg/cm2 (ISI Mark)	
20	MTA/FTA-,63mm/50mm (HT)	each
21	Tee,63mm,50mm (HT)	each
22	Elbow, ,63/50mm,(HT)	each
23	Sokite, 63/50mm (HT)	each
24	PVC Super Control valve 63mm.	each
25	PVC Super Control valve 50mm.	each
26	PVC Super Control valve 40mm.	each
27	Flush-valve-63mm,50mm ,(HT)	each
28	(LLDPE) black,16mm,(UV) 2.5Kg/cm2 with in line,50cm emitter 2 lph	Mtr.
29	(LLDPE) black,16mm,(UV) 2.5Kg/cm2 with in line,40cm emitter 2 lph	Mtr.
30	(LLDPE) black16mm,(uv) 2.5Kg/cm2 with in line,100cm emitter 2 lph	Mtr.
31	(LLDPE) black 12mm,class II (uv)2.5Kg/cm2 with in line,40cm emitter 2 lph	Mtr.
32	(LLDPE) black 12mm,class II (uv)2.5Kg/cm2 with in line,50cm emitter 2 lph	Mtr.
33	Grommet take out12mmx13mm	each
34	Tafflone tap	each
35	End stop 20mm .''8''shape	each
36	End stop 16mm .''8''shape	each
37	End stop 12mm .''8''shape	each
38	LLDEP,(uv) 20mm x2.5kg/cm2 plain lateral	each
39	Micro sprinkler, 3Mtr. Radius,2lph,2kg/cm2	each
40	Single union valve25mm	each
41	Swing Joint	each
42	Service saddle 63mm3/4''	each
43	Service saddle 50mm3/4''	each
44	Service saddle 40mm3/4''	each
45	*Drum kit for Area500m2 with drum500Ltr. *Drum Kit :- It included inline Lateral	each
46	Joiner 12mm/16mm	each
3. Plasticware items for Micro /Mini /Pop up Sprinkler Irrigation System.		Unit Per
1	Pop up sprinkler head, Full circle gear driven pop up sprinkler of discharge .23	each

2	Part circle gear driven pop up sprinkler of discharge 1 to 2m 3/hr at 2-4kg/cm ²	each
3	1.5m Riser Support rod for mini sprinkler.	each
4	½" Full Circle, mini sprinkler.	each
5	Micro sprinkler, Complete assembly, 3Mtr. Radius of throw 112lph discharge	each
6	Single union compresure valve 25mm	each
7	Swing Joint	each
8	Service saddle 63mm 3/4"	each
9	Service saddle 50mm 3/4"	each
10	Service saddle 40mm 3/4"	each
11	Foggar 4way	each
04 Soil less Materials for Horticulture		Unit Per
1	vermiculite	Kg.
2	Perlite	Kg.
3	Cocopit	Kg.
4	Solirite	Kg.
05 Greenhouse Materials.		Unit
1	40 Mesh S.S Net. (Width-1.2/3.5Mtr.)	Sq.ft.
2	Aluminum strips (fixing for covering materials)	Kg.
3	GI Square pipe 47mmx47mm, /38mmx38mm/32mmx32mm (ISI)	Kg.
4	GI Round pipe, 76/60/50/40mm OD (ISI)	Kg.
5	Photo Synthesis active radiation lamp complete set	Per
6	PVC Coated GI Spring with Profile	Mtr
7	Net house erection on CC column charge	Cum
8	Polyhouse erection on CC column charge	Cum
9	Green house erection charge	Cum
10	Polyhouse/Green house /Net House remonvation charge	Cum
11	Temperacture controllor.	each
12	Controll Pannal (light+humidity+temp.)	each
06 Gardening Tools		Unit Per
1	Axe	each
2	Watering can	each
3	Rake	each
4	Hedge shears	each
5	Gardening fork	each
6	Pruners	each
7	Scissors	each
8	Shovel	each
9	Scythe	each
10	Apron	each
11	Spade	each
12	Hoe	each
13	Khurpe	each
14	Sickle Medium Size	each
15	Axe medium size	each
16	Kudali Small size	each