

NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI CAMPUS NAVSARI-396450

NIT for e-tender - NAU/DR/DEAN-ACHF/Struct.-Farm Impl./02-2017-18

The Director of Research NAU invites online e-tender for Purchase/Installation of Nursery Structure/Farm-Implements & machineries (5 items). For details NIT please visit **www.nau.in** and **www.nprocure.com**. The last date of filling e-tender online is 15-01-2018 upto 18.00 hrs and submitting hard copy is 18-01-2018 upto 17.00 hrs.

Dt. 26 - 12-2017

Sd/-**Director of Research**



Directorate of Research Navsari Agricultural University, Navsari-396 450, Gujarat.

Tender Document

For

<u>Purchase/Installation of Nursery Structure/Farm-Implements</u> <u>& machineries</u>

NAU/DR/DEAN-ACHF/Struct.-Farm Impl./02-2017-18

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- Note: 1. Please provide page numbers in sequence to all documents uploaded online as well as sent in physical copies, including sequential fresh page numbers on each page of information uploaded online. Please note only uploaded documents (soft copies) will be considered for opening commercial bid. Kindly note that without physical submission of following documents company will be liable to be rejected on technical ground and commercial bid of the company will not be opened without assigning any reason.
 - 2. The same page numbers are required to be mentioned in Company details (Company details and Check List Page No. 14 15) uploaded online as well as in physical submission.
 - 3. Only following <u>FIVE</u> documents required for physical submission. Please ensure not to submit unnecessary documents in physical submission.
 - a) Company details and Checklist (Page No. 14 15) in prescribed proforma (Submit copy online also)
 - b) Original signed Terms and Conditions (Chapter 4 Page no. 6 9) on all pages (Submit copy online also).
 - c) Original affidavit as per proforma attached (Page No: 16 17) duly signed and notarized (Submit online also)
 - d) Original Tender Fee Bank Draft (Submit copy online also)
 - e) Original EMD Fee Bank Draft (Submit copy online also)

Chapter 1: Tender Notice - NAU/DR/DEAN-ACHF/Struct.-Farm Impl./02-2017-18

Purchase/Installation of Nursery Structure/Farm-Implements & machineries

Bids from manufacturer/supplier/company are invited for the Purchase/Installation of Nursery Structure/Farm-Implements & machineries for Navsari Agricultural University. The list of purchase items under this tender are given underneath. The bids are invited by e-tender through website www.nprocure.com or au.nprocure.com.

Tender Fee (to be calculated by bidder as applicable as per Chapter-5 of tender document)	Rs. 1500/2500/5000/15000
Period for Bid Document Downloading & Uploading	27/12/2017 to 18.00 hrs of 15/01/2018
The Last date for online tender submission	15/01/2018 up to 18:00 Hrs
Last date for physical submission of tender fee, EMD	
and other documents mentioned in Note – 3 on page	18/01/2018 up to 17:00 Hrs
no. 2 above by RPAD / Courier / Speed post	
Bid Validity Period	180 days
Earnest Money Deposit (EMD)	As per Chapter-5 of tender document
Technical documents available on	www.nprocure.com / au.nprocure.com

Chapter 2: Instructions to bidders for Online Tender Participation

- 1. All tender documents can be downloaded free from the website http://au.nprocure.com or http://www.nprocure.com
- 2. All bids should be submitted online on the website http://au.nprocure.com or http://www.nprocure.com
- 3. All bids should be digitally signed. For the details regarding digital signature certificate and related training involved the below mentioned address should be contacted

(n)Code Solutions A division of GNFC 301, GNFC Infotower, Bodakdev, Ahmedabad 380054 (India) Tel.: +91 79 26857316 / 17 / 18

Fax: +91 79 26857321

Toll Free Number: 1-800-233-1010

www.ncodesolutions.com

- 4. The user can get a copy of instructions to online participation from the website http://au.nprocure.com or http://www.nprocure.com
- 5. The service provider should register on the website through the "New User" link provided at the home page, the registration on the site should not be taken as registration or empanelment or any other form of registration with the tendering authority.
- 6. The application for training and issue of digital signature certificates should be made at least 72 hours in advance to the due date and time of tender submission.
- 7. For all queries regarding use of digital signature certificate should be addressed to personnel in M/s. (n) Code Solutions.
- 8. For all queries regarding tender (except item specification) should be addressed to the office address provided below.

Principal and Dean,
ASPEE College of Horticulture and Forestry
Navsari Agricultural University,
Eru Char Rasta, Navsari – 396 450 (Gujarat)

E-mail: deanachf@nau.in Phone: 02637 282745

Fax: 02637 282144 Ext. 602

9. For queries regarding item specifications contact respective scientist preferably, during office hours as per chapter 7 on page no. 16.

Chapter 3: List of Purchase Items

No.	Name of the Instrument
1	ROTAVATOR
2	SOLAR WATER PUMP
3	GARDEN ROLLER
4	GREEN HOUSE
5	SHADE/NET HOUSE

Note: Detail specifications with special terms and conditions of all above listed purchase items (**05 items**) are described under respective files mentioned in the above list.

Chapter 4: Terms and Conditions – Mandatory to submit signed Terms and Conditions online as well as physically

Note:

- 1) Terms and Conditions listed under chapter 4 are applicable to all purchase items. In addition to this, the product specification document of items may contain additional terms and conditions applicable to respective items.
- Purchase/Installation of all Nursery Structure/Farm-Implements & machineries will be followed as per the Gujarat Government Purchase Policy resolution - 2016 dated 3.6.2016

1. General:

- Navsari Agricultural University (hereinafter referred to as "NAU"), for its various Departments (hereinafter referred to as "the purchaser") for their requirement of Items (as mentioned in Chapter-3) intend to invite for supply and installation of Nursery Structure/Farm implements and machineries across the various offices at Head Quarter as well as its sub-centers across the seven districts (Surat, Bharuch, Navsari, Dang, Narmada, Tapi and Valsad) of South Gujarat region of Gujarat state. The scanned copy of the demand draft of the Tender Fee and Earnest Money Deposit (EMD) (for details Page No. 10 11) as well as other relevant documents as per check list of the tender are required to be submitted online with the commercial bid on the website www.au.nprocure.com/ www.nprocure.com. It is compulsory to submit the original copies of all the documents mentioned in Note 3 on page no. 2 of tender document physically in hard copy to Principal and Dean, ASPEE College of Horticulture and Forestry, Navsari Agricultural University, Eru Char Rasta, Navsari 396 450 (Gujarat) on or before 18/01/2018 up to 17.00 hrs.
- 1.2 Authorized dealers can quote their rates provided that they need to attach relevant certificate of authorized dealership issued during current financial year: 2017-18 from the manufacturer / principal company. Authorized dealers representing the same company / instruments are free to compete for price, terms, warranty period, *etc*.

In case the vendor is a distributor authorized by an OEM (Original Instrument / Machinery Manufacturer), the following documents must be additionally provided

- Certificate from OEM that the dealership/channel partnership arrangement with the bidder is in force for a minimum of 2 years.
- A letter by the OEM stating that they shall honor the supply/ warranty/AMC commitments independent of continuation of the dealership/channel partner arrangement with the authorized dealer/channel partner.

Irrespective of whether the bidder is an OEM or a distributor authorized by the OEM, the following eligibility criteria must be fulfilled

- The bidder should have made a positive operating profit
- The bidder should not be blacklisted by any Government or Government entity.
- The bidder should be in existence for a minimum of three years.

- 1.3 Technical Supporting Documents (TSD) should contain original Demand Drafts of Tender Fee and Earnest Money Deposit (EMD). In addition to these, TSD should also contain the documents mention in Note 3 on Page no. 2. The envelope must be marked as "E-tender-NAU/DR/DEAN-ACHF/Struct.-Farm Impl./02-2017-18: Technical Supporting Documents (Technical bid)". If bidder fails to submit the TSD offline within time limit, the commercial bid will be disqualified. Please note that the scan copy of document uploaded must tally with original physical submission.
- 1.4 The prices shall be inclusive of all freight, packaging and forwarding, transit insurance, installation charges, applicable taxes as per recent government rules & regulations as well as FOR destination. The rate should be quoted per unit as specified in Chapter 3.
- 1.5 The bid is non-transferable.
- 1.6 Amendment of bidding documents (corrigendum)
 - 1.6.1 At any time prior to the deadline for submission of bids, NAU may, for any reason, whether its own initiative or in response to the clarification request by a prospective bidder, modify the bidding documents.
 - 1.6.2 The corrigendum will be published only on following on website **http://www.nau.in** and **www.nprocure.com** only.
 - 1.6.3 In order to allow prospective bidders reasonable time to take into consideration the amendments while preparing their bids, at its discretion, NAU may extend the deadline for the submission of bids.
- 1.7 Bid currency Prices shall be quoted in Indian Rupee only.
- 1.8 The items shown in the Chapter-3 are subjected to requirements and the same may be purchased or may not be purchased without assigning any reason.
- 1.9 The successful bidder shall have to execute the purchase orders placed on any date during the validity of the tender at the rate, terms and conditions of the tender.
- 1.10 All the electronics items should comply to International Standards for safety, Electromagnetic Emissions, Electromagnetic Immunity etc.
- 1.11 NAU may not issue 'C' or 'P' form of sales tax or any other type of tax relaxation form of Government and the bidders are therefore requested to quote the rates of sales tax or any other taxes payable in absence of such forms/declarations.

- 1.12 Rate should be quoted along with all applicable taxes. However, NAU being an educational institute, therefore, is eligible for exemption of such duty from final payment.
- 1.13 The lowest price is not the criteria and emphasis is placed on quality and specifications of the material. The NAU has right to reject any or all the offers and invite fresh quotations if need arises. The NAU further reserves the right of selecting the brand and accepting or otherwise any of the conditions stipulated by bidder.
- 1.14 If in any case the quoted item is not available in the market, the successful bidder will have to supply higher version/replacement of that item in the quoted cost in the same time duration with prior approval of NAU.
- 1.15 The successful bidder will held responsibility for the items sufficiently and properly packed for transport so as to ensure their being free from loss / damage / injury on arrival of destination NAU premises. The material should be supplied in the original company's packing which shall indicate packing details and other particulars as required under the statutory provisions. Inner and outer packing of boxes / cartons should be of standard design. The final packing of cartons of corrugated boxes shall be complying with ISS standards. A packing slip shall indicate clearly and legibly the name of the product, batch number, quantity, date of manufacturer, date of expiry, gross and net weight, and consignee's name & address and other particulars as required. In the event of breakages or loss of items during transit / installation against requisition order the said quantity will have to be replaced/supply by the supplier (Selected bidder) without any additional charges.
- 1.16 Tender Supporting Documents (TSD) received late and/or not submitted in the prescribed formats or in the prescribed manner, incomplete in any respect or not accompanied by prescribed mandatory documents are liable to be rejected. NAU will not be responsible for non-receipt of tender within the specified date and time due to any reason including postal delays.
- 1.17 All rights are reserved with the University Authority to accept or reject any or all the tenders received without assigning any reasons thereof.
- 1.18 The NAU may place repeat orders against the acceptance of tender within a period of validity, subject to the same terms and conditions originally provided in advertised tender and selected bidder shall accept the same.
- 1.19 Successful bidder failing to provide after sales services would be permanently blacklisted.
- 1.20 All the documents mentioned in Checklists are mandatorily uploaded and send only those documents in physical form as mentioned in Note 3 on page no. 2. All documents must **BEAR PAGE NUMBERS** in sequence, including sequential fresh page numbers given on each page of printed /photocopy material uploaded online. The same page numbers must be mentioned in Company Details and CHECK LIST (Page no.14-15) provided.

- 1.21 Relaxation in tender fee, EMD will be considered as per Gujarat Government Purchase Policy resolution 2016 dated 3.6.2016, however, for availing such benefits concern firm has to submit / attach certificate or relevant letter issued recently by the government otherwise relaxation benefit will not be extended to such firm and tender quoted, may be rejected.
- 1.22 For finalization of purchase, Gujarat Government Purchase Policy resolution 2016 dated 3.6.2016 will be followed so as to promote "Make in India" policy of the Government.
- 1.23 For query regarding detail specification of the instruments, firm can contact concern scientist (as per Chapter 7), preferably during office hours.

2. Payment:

Advance or part payment will not be entertained.

3. <u>Delivery:</u>

The application for extension of delivery period shall be sent to concerned ordering office of Navsari Agricultural University at least 5 days prior to the expiry of delivery period of each items. The officer in charge, who is placing the order may grant extension or reject the application and their decision in the matter shall be final and binding to all.

4. Warranty:

- 4.1 Period of Warranty: The bidder must provide comprehensive onsite warranty for **minimum 2** years or as asked in specifications, from the date of installation for all items. Please clearly mention the parts, which are not covered under warranty, separately.
- 4.2 If any instrument(s), properly not working and repetitively fault is found, say twice a week during the warranty period, the bidder shall replace the item with new item without any additional cost to the purchaser.

5. <u>Demonstration:</u>

Supplier has to perform on-site live demonstration as per trial requirements of concerned scientist with bidders'/ suppliers' consumables and reagents.

6. Dispute:

In case of any dispute, final decision of The Purchase Committee, Navsari Agricultural University, Navsari – 396 450 will be binding upon all. In case of any dispute arises in respect of this tender, a suit in that behalf shall be subject to Navsari Jurisdiction.

7. University reserves are the rights to cancel the part or whole rate contract without giving any reason.

Chapter 5: Tender Fee, EMD and Security Deposit – Mandatory to upload online as well as physical submission of original Tender Fee & EMD bank draft, if applicable

Bidder has to submit non-refundable Tender Fee (Rs. 1500/2500/5000/15000 – to be calculated by bidder firm) and Refundable Earnest Money Deposit (EMD) in the form of Bank Draft in favour of "Assistant Administrative Officer, ACHF, NAU, Navsari" payable at Navsari depending upon the number of Items applying for.

If, submitted Tender Fee amount is not matching as per tender guideline basis on the tender items quoted for, bidder will be disqualified from the tender.

Tender Fee Calculations:

The Estimated Cost of Each Item is illustrated in below in the following Table. For calculation of total Tender fee, Bidder has to make total of the Estimated Cost of each items quoting for. It is noted that, the total must be calculated from the amount specified on the estimated cost, not on the basis of bidder's offering price.

Total of estimated cost of each items quoting for	Tender Fee
If total is less than or equal to estimated cost Rs. 25,00,000	1,500
If total is in between estimated cost Rs. 25,00,001 to Rs. 50,00,000	2,500
If total is in between estimated cost Rs. 50,00,001 to Rs. 1,00,00,000	5,000
If total is greater than estimated cost Rs. 1,00,00,000	15,000

Earnest Money Deposit Calculations:

The bidder shall calculate Earnest Money Deposit (EMD) Amount is depending upon the items quoted. EMD for the respective items is listed in following table:

No.	Name	Estimated cost in Indian Rs. (in Lakh)	EMD in Indian Rs.
1	Rotavator	0.95	2850
2	Solar Water Pump	6.50	19500
3	Garden Roller	0.50	1500
4	Green House	25.00	75000
5	Shade/Net house	2.44	7320

Tender Fee and Earnest Money Deposit Calculations Example:

This example is for learning purpose only:

If bidder is quoting for Item No.1, Item No. 2 and Item No. 3. Hence, Bidder have to pay Tender Fee Rs. 1500 (Estimated Item cost (in lakhs) Rs. 0.95+6.5+0.5=7.95 i.e less than Rs.25.0 lakh) and EMD @ 3 % as Rs. 2850+19500+1500=23850.

Earnest Money Deposit: Tender shall be accompanied by an earnest money deposit, without which tenders will not be considered. The amount should be deposited in the form of Bank Draft only, in favour of "Assistant Administrative Officer, ACHF, NAU, Navsari" payable at Navsari. If, submitted EMD amount is not matching as per tender guideline basis on the tender items quoted for, bidder will be disqualified from the tender.

Refund of Earnest Money: The earnest money of unsuccessful Bidder will be refunded.

Forfeiture of Earnest Money: The earnest money will be forfeited in the following cases:

- When Bidder withdraws or modifies the offer after opening of tender but before acceptance of tender.
- When Bidder does not execute the agreement if any, prescribed within the specified time.

Security Deposit: Successful bidder has to submit 5 % of purchase order as a Security Deposit in the form of Bank Draft only to the Office making purchase and in favour of "________" payable at purchaser unit and will be informed by purchase office at the time of giving purchase order.

Refund of Security Deposit: The amount of security deposit will be refunded after two years of successful installation/demonstration of the instruments/machinery, after writing a letter to the Office where in instruments/machinery installed.

Forfeiture of Security Deposit: The security deposit will be forfeited if,

- 1. Successful bidder fails to supply the items within the delivery period.
- 2. Supplier fails to comply specifications of instruments, installation/demonstration of the instruments/ machinery.
- 3. Supplier is not providing satisfactory post sale services and support.

Only Tender Fee and EMD bank Drafts in original along with Tender Supporting Documents mentioned in Note – 3 on Page No. 2 Submission Address:

Principal and Dean, ASPEE College of Horticulture and Forestry Navsari Agricultural University, Eru Char Rasta, Navsari – 396 450 (Gujarat)

Chapter 6: Technical Bid Document (TBD) Submission

This chapter consists of forwarding letter (Page 13 of Tender Document), company details and Check List (Page 14-15 of Tender Document), Affidavit on Rs. 100.00 stamp paper duly signed and notarized as per proforma given on Page No.16-17; with signed terms and conditions (Chapter – 4 – Page No. 6 to 9) along with original bank draft of tender fee and EMD, if applicable. All these pages required to be submitted in hard copy bearing page numbers in sequence which must be corresponding with online upload document submission.

While Company Detail and Checklist pages are also required to be submitted in **n-procure** with all relevant documents bearing page numbers correspondingly given in company details as well. **If all the relevant information are not submitted in n-procure, party is liable to be disqualified on technical ground.**

Do not provide other unnecessary documents like explaining company profiles, nature of the company, services and miscellaneous things which is not inquired.

Do not put financial bids of the Items anywhere in the Technical Bid Document submission under physical submission otherwise liable to be rejected.

Only Tender Fee and EMD bank Drafts in original alongwith Tender Supporting Documents mentioned in Note – 3 on Page No. 2 Submission Address:

Principal and Dean, ASPEE College of Horticulture and Forestry Navsari Agricultural University, Eru Char Rasta, Navsari – 396 450 (Gujarat)

From:			Date: 201
ASPEE Co Navsari A	gricultural Uni	ulture and Forestry versity, – 396 450 (Gujarat)	
Subject : S	Submission of	tender for the Purchase/Ins	stallation of Nursery
<u>Struc</u>	ture/Farm-Imp	olements & machineries [I	NAU/DR/DEAN/Struct
mach	ine./02-2017-1	18]reg.	
Sir,			
Structure/F conditions of I/We hereby the terms an section of on I/We enclose Officer, ACH	arm-Implement such supply and offer to supply d conditions, he line tendering.	techine./02-2017-18 for Purchase, the secondary of the se	davsari in accordance with high by me/us in commercial
Tandar Faa	Amount (Rs.)	Amount in Words	DD No. and Date
Tender Fee (Calculated)	Rs.	Rs.	
EMD (Calculated)	Rs.	Rs.	
EMD against (Specify Item) I/We carefull in the tender I/We agree to the spening of the I/We agree to the spening of the spening of the I/We agree to the spening of the sp	y read and under document hereto to hold this offe tender.		d terms and conditions set fications of the items. In the date of due date of the chase Committee, Navsari
			Signature of bidder

(with Stamp, Name and Designation)

Company Details and Checklist	Company	Details	and	Checklist	:
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Company Name:	

Sr. No.	Details	Relevant Document & Date of issue	Page No.
1	Address (Latest)		
2	Contact No.	Landline with STD Code Mobile No	
3	Email ID		
4	Company Regist	ration	
	GST NO.		
	TIN NO.		
	TAN NO.		
	Other Relevant	Documents (Clearly Specify)	
5	PAN No. (Individ	lual / Company) Clearly mention	
	IT Return – FY 20	014 – 15 (AY 2015 – 16)	
	IT Return – FY 20	015 – 16 (AY 2016 – 17)	
	IT Return – FY 20	016 – 17 (AY 2017 – 18)	
6	Signed Terms ar	nd Condition – Chapter 4	
7		blacklisted Affidavit on Rs. 100 stamp rized after the date of Advertisement	
8	NSIC Certificate	No. Date:	
	MSME certificate	No. Date:	
	DIC certificate	No. Date:	
	Other Relevant	Documents (Clearly Specify)	
		No. Date:	
		No. Date:	
9	Registration /	Documents (Clearly Specify) eg. proprie Partnership deed / Memorandum o dustry Registration etc.)	

		page no. 9 for for Tender payment detail	tem No. 1.21 of exemption and fee & EMD ls refer page no. — 11	Page no. of Latest authorized dealership certificate issued during current FY directly	Page no. of Colour	Page no. of Quality Control certificate of
No.	Name	Estimated Cost in lacs – Enter corresponding values from Chapter – 5, if your firm is technically eligible for quoting commercial BID.	mated in lacs – nter ponding se from er – 5, if firm is nically ble for oting mercial EMD in Indian Rupees lacs – Enter corresponding values from Chapter – 5, if your firm is technically eligible for quoting commercial	from manufacture or other authorized dealer with validity of authorized dealership or – Manufacturer certificate /subsidiary company certificate /Fresh Authorization Certificate issued during current FY	catalogue (original copy to be scanned & uploaded online otherwise liable to be rejected	manufacture company (ISO, CE etc.) – Date of Issue and validity to be scanned & uploaded online otherwise liable to be rejected
1	ROTAVATOR					
2	SOLAR WATER PUMP					
3	GARDEN ROLLER					
4	GREEN HOUSE					
5	SHADE/NET HOUSE					

Date: - - 201 Signature of Bidder

Note: 1. All documents uploaded as well as sent in physical form must BEAR PAGE NUMBERS in sequence, including sequential fresh page numbers given on each page of printed / photocopy material and same should be provided in the CHECK LIST above

- 2. All photocopied documents must be attested with seal and signature **bearing** page numbers.
- 3. List of Institutes/organizations where supply of quoted item/s is made is preferable.

DECLARATION

I/We solemnly declare that we have attached all the documents mentioned here above and mentioned in the tender. It is verified that all the certificates / permissions/ documents are valid and current as on date and have not been withdrawn / cancelled by the issuing authority.

I/We further undertake to produce on demand the original certificate / permission / document for verification at any stage during the processing of the tender.

I/We also understand that non-compliance of any documents will be treated as non-respective tender and we will lose our claim to participate in the Tender Enquiry automatically and our tender will be liable to reject.

Name of the Firm:	Signature of Bidder

Chapter 7: Contacts and Correspondence details

Correspondence address for submission of Physical documents:

Principal and Dean, ASPEE College of Horticulture and Forestry Navsari Agricultural University, Eru Char Rasta, Navsari – 396 450 (Gujarat)

Item wise Contact Persons

(For queries related to item specifications only. Please contact only during office hours.)

SR. NO.	NAME OF THE STRUCTURE/FARM IMPLEMENTS & MACHINERIES	Contact number
1	ROTAVATOR	9662500634/9428603900
2	SOLAR WATER PUMP	9601283390
3	GARDEN ROLLER	9428603900
4	GREEN HOUSE	9173403135
5	SHADE/NET HOUSE	9173403135

(TO BE SUBMITTED PHYSICALLY)

AFFIDAVIT

(To be submitted IN ORIGINAL on Non-Judicial Stamp Paper of Rs 100/- duly attested by First Class Magistrate /Notary Public)

_____, age___, years residing at _____in

	M/s	hereby solemnly affirm that
1.	All General Instructions, General Terms and Conditions, as well all the pages of the Tender Form, have been read carefully completely acceptable to me and I agree to abide by the same.	•
2.	I / We have submitted following Certificates/ Documents for	T.E. as required as per General Terms &

Sr. No.	Name of the Document
1	
2	
onwards	

Conditions as well as Special Terms & Conditions of the tender

- 3. All the Certificates / Permissions / Documents/ Permits / Affidavits are valid and current as on date and have not been withdrawn / cancelled by the issuing authority.
- 4. It is clearly and distinctly understood by me that the tender is liable to be rejected if on scrutiny at any time, any of the required Certificates / Permissions / Documents/ Permits / Affidavits is / are found to be invalid / wrong / incorrect / misleading / fabricated / expired or having any defect.

of

- 5. I / We further undertake to produce on demand the original Certificate / Permission / Document / Permits for verification at any stage during the processing of the tender as well as at any time asked to produce.
- 6. I / We also understand that failure to produce the documents in "Prescribed Proforma" (wherever applicable) as well as failure to give requisite information in the prescribed proforma may result in to rejection of the tender.
- 7. My / Our firm has not been banned / debarred / black listed at least for three years (excluding the current financial year) by any Government Department / State Government / Government of India / Board / Corporation / Government Financial Institution in context to purchase through tender.
- 8. I / We confirm that I / We have meticulously filled in, checked and verified the enclosed documents / certificates / permissions / permits/ affidavits / information etc. from every aspect and the same are enclosed in order (i.e. in chronology) in which they are supposed to be enclosed. Page numbers are give on each submitted document. Important information in each document is "highlighted" with the help of "marker pen" as required.
- 9. The above certificates/documents are enclosed separately and not on the proforma printed from tender document.
- 10. I / We say and submit that the Permanent Account Number (PAN) given by the Income Tex Department is __, which is issued on the name of _ mention here either name of the proprietor (in case of Proprietor firm) or name of the tendering firm, whichever is applicable.]
- 11. I / We understand that giving wrong information on oath amounts to forgery and perjury, and I/We am/are aware of the consequences thereof, In case any information provided by us are found to be false or incorrect, you have right to reject our bid at any stage including forfeiture of our EMD/PBG/cancel the award of contract. In this event, This office reserves the right to take legal action on me/us.
- 12. I / We have physically signed & stamped all the above documents along with copy of tender documents (page no...... to......).
- 13. I / We hereby confirm that all our quoted items meet or exceed the requirement and are absolutely compliment with specification mentioned in the bid document.
- 14. My / Our Company has not filed any Writ Petition, Court matter and there is no court matter filed by State Government and its Board Corporation, is pending against our company.
- 15. I / We hereby commit that we have paid all outstanding amounts of dues / taxes / cess / charges / fees with
- 16. dy

In case of breach of any tender terms and conditions or deviation from bid specification other than alre specified as mentioned above, the decision of Tender Committee for disqualification will be accepted by us.					
Whatever stated above is true and correct to the be	est of my knowledge and belief.				
Date :	Stamp & Sign of the Tenderer				
Place:	(Signature and seal of the Notary)				

Chapter 8: LIST OF PURCHASE INSTRUMENT WITH SPECIFICATION

SR. NO.	ITEM	SPECIFICATIONS
1	Rotavator	➤ Suitable for 40 to 45 hp Tractor
		➤ 5 feet length
		Minimum of 36 blades
		> 540 PTo. RPM
		Standard company with good services after purchase
2	Solar Water Pump	➤ With trailing board assembly SPV Module: Multi crystalline, 250 Wp capacity, IEC 61215, IEC
2	Solal water rump	61730, Part I & II, IEC 61701 Certified
		Solar Submersible pump: Brushless DC Submersible pump 5 HP,
		Latest MNRE guide line approved
		Solar Controller: MPPT based with remote monitoring facility
		Hot dip galvanized module mounting structure with stand in high
		wind velocity up to 150 km/hr and anti theft nut bolt for panel
		security. Suitable earthing kit, Lightening arrestor, Floating
		platform, Bore cap. PE coil riser pipe 70 meter and suitable length
3	Garden Roller	& Head wise cable for pump and module Hand Rollar
3	Garden Roner	Weight – approx. 200 kg, Outer diameter – 400mm, Width – 1000
		mm
4	Green House-	Total Area:
		200 sq. m
	(Polycarbonate) with	Dimensions
	automatic fogging and	Dome shaped; Length X Width - 12.5 x 16.0 m, Center Height -
	cooling facilities	approximately 3.60 to 3.66 m; side height - approximately 2.40 to
		2.50 m and span - 2 centre partition (Double Chamber)
		Infrastructure Structure
		GI sq. ISI standard anti-corrosive, humidity resistant pipe
		with approximately 47 mm x 47 mm, 38 mm x 38 mm, 32
		mm x 32 mm dimensions.
		Covering / Glazing
		Covering Multi walled at least 6mm thick UV stabilized with
		gasket for sides & roof with anodized aluminum stripping,
		geeignet gasket and silicon (translucent) treatment for proper
		holding and thermal safety.
		Specification of PC sheet
		Thickness –6 mm multi walled; K. value W/m ² K – of about
		3,5; Fixing - Aluminum profile; Sealing - Geeignet gasket;
		Al Profile Size - 2 inch; Weight - 1.25 Kg / 12 feet;
		Perforated Anti dust Aluminum tape; Sound insulation dB:
		18
		Door
		At least 03 nos.
		The feast of field.

Door entry (approximate size: 6'3" x3') of aluminium section with about 6 mm thick polycarbonate sheet as cladding material with locking arrangement.

Civil work - Foundation and wall

Foundation: PCC 5-6" thick, over that one thick brick wall coarse approximately 13" wide 6" above that 9" thick 1.5' below the ground level and 1.5' above the ground up to floor level

Wall: 8-9" wall (1:5 cement: sand) 40-45 cm below and 40-45 cm wall above the ground level plastered (1:4 cement: sand) and painted with samosum on both sides.

Floor

4-5 cm thick crushed bricks and above that plaster of ratio of rode, sand, cement 4:3:1 of 2-3" thickness.

Plinth Protection

Outside plinth protection of 4" thick & 2' wide around the structure.

Roof Screen

Green shade net material UV resistant with 50% shading and manual rolling system.

Light

Normal Tube light 6-8 nos.

CONTROL PANEL

2 nos.

With separate Day / Night controlling system Compact control panel facility with Mains ON/ OFF Switch, Light Indicator for main light, Cooling, Humidity, Heating.

Control Panels manufactured with best quality steels; all the modular parts and sections should be anti-rust, smooth finish for protection against corrosive atmosphere/ high humidity environment.

Microclimatic Temperature Controller

Specifications: Real time microprocessor based user programmable Controller, 4 digit LED display to measured values and another 4-digit LED display for displaying settings, Trim pot operation, Platinum sensor probe Pt- 100, Set point lock within the setting panel to protect setting changes, Level lock, sensor failure indication, Display resolution 0.1°. Accuracy ± 0.1°C, automatic hysteresis control. Selectable temperature range from 0° to 100°C, 4.4 KVA load powered output compatible, Input- 200-240 VAC, 50 Hz. Single phase., Ambient 5°-50°C, RH upto 90%.

Microclimatic Humidity Controller

Specification: Real Time microprocessor based, On/Off control for Humidifying/ Dehumidifying, Hysteresis / Differential 1% - 9%, Delay timer 0-240 sec, Direct /

Reverse selectable, Lock functions to prevent miss operating, Feather touch operation, Fast response sensor – line resistance $< 10\Omega$, Display Accuracy- indicating value $\pm 0.2\%$ $\pm 1 digit$.

Piltz/Cyclic Timer for Humidity: for fogging, misting system, controlled by timer.

Specification: - Ranged from 0-999 Min/sec on, 0-999 Min/sec off, automatic cycling. Accuracy quartz, Power output should directly drive misting unit load upto 4.4 KVA, Input 200 V to 240 VA.C, Phase-Single, 50 Hz, Ambient 4°C to 50°C, RH upto 90%.

Water Cooling Pad System

Complete set

Evaporative Cooling System (ECS) - Parameters.

Technical Parameters Pad:

- 1. Made up of impregnated cellulose and treated for efficient cooling.
- 2. Paper ambient condition 25°C 45 °C
- 3. Estimated cooling load: 101,520 BTUs/ Hrs.
- 4. Total water flow 7.56 LPM per sq. ft. of the top pad surface. Bleed of equal to 10% of total water rate.
- 5. Eco friendly.
- 6. High saturation efficiency,
- 7. No setting or Shrinkage.
- 8. Low pressure drop characteristics.

CELDEK COOLING PAD ACCESSORIES:-

Tray Material : 18/20 GA Al sheet for side

and top.

Over flow : At least 20 mm PVC

Drain : At least 32 mm standard PVC.

Construction Material:-

20 Ga GI Sheets : Tray Side, Top etc

Cooling Media : 100 mm thick at velocity of 1

to 3 M/s for efficiency from

60 to 95 %.

Filtration : On line micro fiber filter.

Miscellaneous : Galvanized Fasteners, Rivet-

Aluminium.

Water Tank : PVC Tank 1000 lit -2nos Pump : 1.5 Hp Monoblock – 2nos Axial Flow fan : 04 nos. 40 x 40 Mesh for extra

protection from deserts

sand/dust

Evaporative Cooling System (ECS):

Fan & Pad system (Pad size (For each chamber): 5' Height x 26' x 4" thick) with Cellulose Pads to acquire proper CFM of air movement per sq.ft of area. Even water delivery

		through distribution pipe. Slow water contamination and efficient water flow, online water filter, capacity calculated on required water flow rate. Water softening facility to prolong the life of the pad and filtration unit (RO with about 1500 litter capacity/hour). Heavy duty Slow Speed Axial Flow Fans with Aluminum / GI louvered covering to achieve temperature 10°C -8°C below ambient through out the year. Polymer water storage tank 500 liter capacity, 1.5 HP motor (ISI make), Filter, GI water Distribution and return system and other accessories. Filter screen (at least 40 x 40 mesh) cover for the external surface area of the fan and pad are to avoid dispersal of transgenic pollen Misting System Misting System Micro Humidification to create the 95% ±5% humidity:-Installation with leakage prevention device (LPD) fogger should not drip during the function. Working pressure - 4 bar at this pressure, the average droplet size :- 50 to 100 μm. Density :- One fogger to 0.3 m – 0.4 m² for propagation. Type of Mister - Cross way nozzle, hanging type (Upright). Fogger discharge range - 7.0 LPH Pipe Imported - 16 mm LLDPE (10 kg/cm²) colour BLACK with red strip. Motor - 1.5 HP monoblock pump (ISI Make)-2nos ilter (Screen) - Kelva make-2nos. Pressure meter - 10 bar one2nos. Return gutter, control valve assembly Tank : 1000 ltr (1SI Make)-2nos. Benching System (complete) Heavy duty GI welded with 10 gauge spot-welded GI bench with anti corrosive, humidity resistant treatment with top load bearing capacity of bench 500kg. Size: 8' x 3' x 2'-6" (L x W X H) Electrical Device
		High quality ISI approved fittings with copper multi strand twisted Fire Resistant Grade (ISI make) wires stds. of safety with proper M.C.B. with appropriate electrical points of 5/15 Amps combined.
5	Shade/Net house	Total Area
		100 sq. m each
		Dimension and Size
		Shape – Dome; Length X Width 12.5 X 8m; center Height - 4.00 m;
		side Height - 2.74 m; with buffer Room - 2m x2.5m
		Technical Parameters
		Infrastructure Structure
		GI sq. (38mm x 38mm, 32mm x 32mm) ISI standard anti-
	l .	, , , , , , , , , , , , , , , , , , , ,

corrosive, humidity resistant pipe. As the site is in high humid zone. So GI quoting is at least 360 GSM.

Covering / Glazing

Covering would be done with UV Stablized, 75% HDPE, Shade net (Tuflex/ B&V make)

Door (01 no.)

Door entry (Door size: 6'3" x3") of aluminium section with 6mm thick polycarbonate sheet as cladding material with lock and pinion system

Foundation

Column in CC Foundation of 1'x1'x2' (1:2:4 Cement: fine aggregate:4 course aggregate

Floor

Natural floor with Beds for keeping the seedling in polybags. At middle of the shade house a 1m wide cc pathway.

Control

Microclimatic Humidity Controller (one set)

Specification: Real Time microprocessor based, on/off control for Humidifying/Dehum, Hysteresis/ Differential 1% - 9%, Delay timer 0-240 sec, Direct / Reverse selectable, Lock functions to prevent miss operating, Feather touch operation, Fast response sensor - line resistance < 10Ω , Display Accuracy- indicating value $\pm 0.2\%$ ± 1 digit.

Piltz/Cyclic Timer for Humidity: Specific for fogging, misting system, controlled by timer. to reduce water logging condition green house.

Specification: - Ranging 0-999 Min/sec On, 0-999 Min/sec OFF, automatic cycling. Accuracy quartz, Power output should directly drive misting unit load up to 4.4 KVA, Input 200 V to 240 VA.C, Phase-Single, 50 Hz, Ambient 4°C to 50°C, RH up to 90%.

Irrigation system (Micro sprinkler system) (complete set)

The pipe connection of pvc/gi pipes of 5-6 kg/sq.cm with ISI mark with necessary fittings and pvc/gi of ISI mark ball valves, 1hp pump (ISI mark), nozzles micro jets spray patterns (hanging type), filter etc. one sand filter of suitable size also provided.

Electrical Device

High quality ISI approved fittings with copper multi strand twisted Fire Resistant Grade (ISI make) wires. Of safety with proper M.C.B. with appropriate electrical points of 5/15 amps.