



TENDER DOCUMENT

NATIONAL HORTICULTURAL RESEARCH AND DEVELOPMENT FOUNDATION

**Bagwani Bhawan, 47, Pankha Road Institutional Area,
Janakpuri, New Delhi – 110 058**

Phones: 011-28524150, 28522211, 45136697

E: mail: delhi@nhrdf.com visit us at www.nhrdf.org

Name of the Work:

**Supply, installation, testing & commissioning of Air Conditioned-
dehumidified seed store units at :**

- i) NHRDF, Janakpuri, New Delhi**
- ii) Krishi Vigyan Kendra (KVK), Ujwa, New Delhi &**
- iii) NHRDF, Kurnool (A.P.)**

Part- I TECHNICAL BID

Part- II PRICE BID

Last date for receipt of tenders	: 22/04/2021 upto 2 PM
Date of opening of tenders	: 22/04/2021 at 2.30 PM
Cost of tender documents	: Rs. 2,000/- (non-refundable)
Earnest Money Deposit	: 1% of Tendered amount

Address for submitting tender documents :
Please refer page no. 7 of tender document.



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TENDER DOCUMENT FOR

Supply, installation, testing & commissioning of Air Conditioned - dehumidified seed store at Janakpuri, New Delhi, KVK, Ujwa, New Delhi & Kurnool (A.P.)

INDEX

SR. NO.	DESCRIPTIONS	PAGE NO.
1	Cover page	1
2	Tender Notice	3
3	Bid Information Sheet	4
4	Forwarding letter	5-6
5	Addresses For submission of tender documents	7
6	Terms and Conditions for proposed supply, installation, testing & commissioning of Air Conditioned - dehumidified seed units at (1) Janakpuri, New Delhi, (2) Krishi Vigyan Kendra, Ujwa, New Delhi and (3) NHRDF, Kurnool (A.P)	8-12
7	ORGANIZATION PROFILE AND LIST OF DOCUMENTS TO BE SUBMITTED WITH THE TECHNICAL BID – (Annexure – 1)	13-14
8	FORMAT OF UNDERTAKING TO BE FURNISHED BY THE TENDERER ON NON-JUDICIAL STAMP PAPER OF RS. 100/- – (Annexure – 2)	15
9	Part –II (Price Bid) 1) Schedule of items for NHRDF Janakpuri, New Delhi 2) Schedule of items for KVK, Ujwa, New Delhi 3) Schedule of items for NHRDF, Kurnool (AP) 4) Basis of design for KVK Ujwa, New Delhi & NHRDF, Kurnool (AP)	16-20
10	Declaration by Tenderer	21



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Ref. No : NHRDF/HO/TENDER/01/2021-22/ 79

Dated : 05/04/2021

TENDER NOTICE

Sealed tenders are invited from reputed manufacturers/authorized dealers/suppliers for supply, installation, testing & commissioning of Air Conditioned – Dehumidified Seed store units at the following sites/locations:-

S.No.	Locations	Address for submitting tender document
1.	NHRDF, Janakpuri, New Delhi	For working at S.No.1 & 2, sealed tenders are to be submitted at NHRDF, Bagwani Bhawan, New Delhi
2.	Krishi Vigyan Kendra, Ujwa, New Delhi	
3.	NHRDF, Kurnool, Andhra Pradesh	NHRDF, Near-Onion Market, Opp- New Bus Stand, Kurnool-518003 (A.P.)

Tenderers can submit tenders for any or all above noted locations.

The terms & conditions of tender documents can be downloaded from NHRDF & KVK websites www.nhrdf.org & www.kvkdelhi.org Interested parties may submit tender documents complete in all respect at addresses as mentioned above upto 2 PM on 22/04/2021 along with a non-refundable fee of Rs.2000/- by cash/DD. Tenders will be opened on the same day at 2.30 PM in the presence of the tenderers. The Director, NHRDF reserves the right to accept or reject any or all tender without assigning any reason therefor.

Director

BID INFORMATION SHEET

1	Document Description	Tender document comprises the terms and conditions for bidding process for installation of AC- Dehumidified Seed Store work
2	Tender No. & Date	NHRDF/HO/TENDER/01/2021-22/79 DATED : 05/04/2021
3	Last date for submission of bid to reach the NHRDF	22/04/2021 upto 2:00 PM
4	Bid Opening (Technical bid)	22/04/2021 at 2:30 PM
5	Place of Tender Opening	i) NHRDF, Janakpuri, New Delhi for work at Sr.No.1 & 2 of Tender Notice ii) NHRDF, Kurnool (A.P.) for work at Sr.No.3 of Tender Notice
6	Officer Inviting Bids	Director, NHRDF, New Delhi
7	Contact Details/Telephone	New Delhi - Phone: 011-28522211, 28525129, 45136697 E-mail: delhi@nhrdf.com Kurnool (AP) - Tel.:08518-257688, M-7827946647 E-mail: kurnool@nhrdf.com
8	Tender fee (non- refundable)	Tender Fee: Participating bidders have to pay an amount Rs. 2,000/- in favour of NHRDF towards tender fee for each of the above three works. The amount is non-refundable.
9	Total Security Deposit	As per Clause-3.5 of Tender
10	Eligibility Criteria	Please refer to Clause- 2(b) at page no. 8 of tender document.
11	Process for bid submission	1. Only hard copies of bids shall be submitted to office 2. The participating bidders in the tender should have appropriate experience and financial capacity. 3. Two Bid System will be followed in the tender procedure 1) Technical & 2) Financial Bid
12	Rights reserved with the Department	NHRDF reserves the right to accept or reject any or all the tenders received without assigning any reasons.
13	General Terms and Conditions	As per tender documents.

FORWARDING LETTER

From:

Email:_____

Mob. nos._____

To,

The Director

National Horticultural Research & Development Foundation

Bagwani Bhawan, Plot No. 47,

Pankha Road Institutional Area,

New Delhi – 110 058

**Subject: - Supply, installation, testing & commissioning Air Conditioned
-dehumidified seed store units at NHRDF, Janakpuri, New Delhi / NHRDF,
Kurnool / Krishi Vigyan Kendra, Ujwa, New Delhi.**

Dear Sir,

With reference to your advertisement published in _____ on _____ /
KVK/NHRDF Website inviting tenders for supply, installation, testing & commissioning of
Air Conditioned - Dehumidified Seed Store Units, we are pleased to submit our sealed
technical and financial bids after carefully examining and understanding the terms and
conditions prescribed in the tender documents and the rates have been worked out after
considering the item-wise details and other clauses indicated therein.

1. Name and address of firm and date of establishment :
(Please mention telephone number/fax number/email/website/address)
2. Status of the Organisation:
(Manufacturer, authorized distributor/reseller)
3. Name of Proprietor/Partners/Directors & their permanent address alongwith contact
number and email address
4. Address and contact numbers of registered office & branch :
5. Name & designation with specimen
Signature of authorized officials/representatives
(if required separate sheet can be attached)
6. Name & address of bankers :
7. Pan No, (attach copy) :
8. GST Regn. No. (attach copy) :

9. Price offered is enclosed separately in "Schedule of Price/Quantity offered".

10. The demand draft No. _____ Date: _____ of the _____ Bank amounting to Rs. 2,000/- (Rs. Two thousand only) as Tender cost and demand draft bearing No. _____ Date: _____ of the _____ Bank amounting to Rs. _____ Earnest Money Deposit (1% of tender amount) drawn in favour of National Horticultural Research & Development Foundation, payable at New Delhi.

We are aware that the earnest money shall be forfeited in case we refuse to supply the items in time, if assigned.

We are also aware that our offer shall be rejected in case we do not enclose the Demand Draft either for tender fee or for the earnest money and other papers as per tender documents. We assure to complete the supply & installation within the stipulated period.

Thanking you,

Date :

Place :

Authorized Signatory
(Name and complete address of
the tenderer alongwith the seal)

**Address for sending tender documents through Registered post /
Speed Post / Courier / By hand:**

- 1. For works at NHRDF, Bagwani Bhawan, New Delhi and Krishi Vigyan Kendra, Ujwa, New Delhi**

**The Director
National Horticultural Research & Development Foundation
Bagwani Bhawan, Plot No. 47,
Pankha Road Institutional Area,
New Delhi – 110 058**

Phone: 011-28522211, 28525129, 45136697 E-mail: delhi@nhrdf.com

- 2. For Works at NHRDF, Kurnool.**

**The In-charge
National Horticultural Research & Development Foundation
Agriculture Market Committee Premise,
Near- Onion Market, Opp- New Bus Stand,
Kurnool – 518 003 (A.P.)**

Tel.:08518-257688, M-7827946647 E-mail: kurnool@nhrdf.com

Terms and Conditions for proposed Supply, installation, testing & commissioning of Air Conditioned - dehumidified seed store units at (1) Janakpuri, New Delhi, (2) Krishi Vigyan Kendra, Ujwa, New Delhi and (3) NHRDF, Kurnool (A.P)

1.0 INTRODUCTION

NATIONAL HORTICULTURAL RESEARCH AND DEVELOPMENT FOUNDATION (NHRDF) is desirous of setting up three (3) Air Conditioned - dehumidified seed Units at Janakpuri, New Delhi, KVK, New Delhi and NHRDF, Kurnool (A.P.)

2.0 INSTRUCTIONS TO BIDDERS

2.1 The tender shall be submitted in two sealed envelopes:

- Part – I : Technical Bid Proposal in sealed envelope
Part – II : Financial Bid Proposal in sealed envelope

PART - I -SEALED TECHNICAL BID IN ENVELOPE NO.1:

This envelope should contain the following mentioned information/documents in connection with supply, installation, testing and commissioning of air-conditioned dehumidified seed units at above mentioned locations:

- a) Earnest Money Deposit (EMD) equivalent to 1% of the tendered value and Tender Fee of **Rs.2000/-** (Rupees two thousand only) by way of demand draft of any nationalized bank drawn in favour of **National Horticultural Research And Development Foundation payable at New Delhi** must be deposited. The amount of EMD and Tender fee will be acceptable only by way of demand draft. Amount deposited by any other mode will not be acceptable. Any technical bid not accompanied with amount of EMD and Tender Fee through prescribed mode of payment, is liable to be summarily rejected.
- b) The tenderer should have minimum of 5 years of experience in the analogous field of supply and setting up air conditioned dehumidified seed store units in the country. The tenderer should also have an average minimum annual turnover of Rs.2.0 crores in the last 5 years. In case the tenderer is not an OEM, necessary authorization letter on the letter head of the manufacturer should be submitted. A list of clients with their contact details for whom the tenderer has executed projects of similar nature may be submitted. Self-attested copies of documents in support of the minimum eligibility criteria stipulated in the bid document must be submitted.
- c) The tenderer should submit self-attested certificate of incorporation of the firm/company, memorandum and articles of association.
- d) Name of the bidder, address, contact numbers (office and mobile number), email address, nature of firm/company (proprietorship/partnership firm/private or public limited company, name of the Chief Executive etc. may be furnished

- e) Letter of authorization by the competent person of the company in favour of the person signing the bid documents alongwith his identity card/adhar card to establish the identity of authorized person may be attached.
- f) Self-attested copies of PAN and GST registration numbers of the firm/company may be attached.
- g) Self-attested copies (in PDF format) of audited balance sheet, P&L account of last 3 years may be attached.
- h) In case the tenderer makes any deviation or makes any addition to the list of items mentioned in BOQ in the tender, which in the opinion of tenderer are necessary for proper execution of the project in question, the details of such deviation/additional items may be furnished without mentioning rates/costs etc. duly signed by the authorized person for consideration by NHRDF.
- i) The above details alongwith supporting documents may also be filled in **Annexure-I** to this tender document.

The tenderer must superscribe the sealed Envelope No.1 as Technical Bid for supply, installation, testing and commissioning of air-conditioned dehumidified seed units to be opened on 22/04/2021 at 2.30 PM by NHRDF in the presence tenderers.

PART -II - SEALED FINANCIAL BID IN ENVELOPE NO.2:

- a) Earnest Money Deposit (EMD) equivalent to 1% of the tendered value and Tender Fee of Rs.2000/- (Rupees two thousand only) by way of demand draft of any nationalized bank drawn in favour of **National Horticultural Research And Development Foundation payable at New Delhi** payable at New Delhi must be deposited. The amount of EMD and Tender fee will be acceptable only by way of demand draft. Amount deposited by any other mode will not be acceptable. Any technical bid not accompanied with amount of EMD and Tender Fee through prescribed mode of payment, is liable to be summarily rejected.
- b) The amount of EMD of unsuccessful tenderers shall be returned within a reasonable period of time without payment of any interest.
- c) In case of successful tenderer, the amount of EMD will be retained by NHRDF and shall be adjusted against the security deposit which will be 5% of the total value of the project cost.
- d) The tenderers should submit rates against each item alongwith break-up as per BOQ in the financial bid. The financial bid should be submitted without any condition.
- e) The tenderers are advised to undertake at their discretion a reconnaissance of the site to familiarize themselves with the site conditions before preparing the bid documents at their own cost.
- f) **The two sealed envelopes of Technical and Financial Bids should be put in another sealed master envelope super-scribing tender for SITC of Air conditioned Dehumidifier seed units.**

- g) **The tender should reach NHRDF office at Janakpuri, New Delhi for Sr.No.1 & 2 of tender Notice & NHRDF Kurnool (A.P.) for Sr.No.3 of tender notice by 22/04/2021 latest upto 2 PM .** We shall not be responsible for any delay in receipt of the tender. Late tenders shall not be considered. NHRDF reserves the right to reject any or all the tenders, without assigning any reasons thereof.

3.0 **GENERAL TERMS AND CONDITIONS**

- 3.1 **Boarding and Lodging arrangement:** The tenderers shall make their own arrangement for boarding, lodging, travel, transportation of equipment, vehicle, labourers, local transport etc. required for this work.
- 3.2 **Time period for completion of work –** The entire work of commissioning and installation of air-conditioned dehumidified seed store units should be completed in all respect within 30 days from date of work.
- 3.3 **Liquidated damages:** Time is the essence of the contract. Liquidated damages shall be imposed @ 0.5% of the tender amount for each week of delay subject to a maximum of 5% of total agreed cost.
- 3.4 **Signing of Agreement:** The successful tenderer shall be required to sign an agreement on non-judicial stamp paper of Rs. 100/- before commencement of the work.
- 3.5 **Security Retention:** Total security retention will be 5% of total value of work. EMD of 1% of the total tendered value of the successful bidder will be retained and clubbed with total security retention.
- i) 1% of tendered amount as Earnest Money Deposit alongwith Tender Documents.
 - ii) 4% at the time of execution of Agreement
 - iii) 50% of total security will be refunded on completion and settlement of bills.
 - iv) The remaining 50% security will be refunded after expiry of Defect Liability Period of one year from date of completion of work.
- 3.6 **Permission/authorization:** It shall be the responsibility of the tenderer to seek and obtain, well in time, necessary permission from appropriate authorities as may be necessary for execution of the project. Any authorization, if required by the tenderer for seeking such permission, the same can be given by the NHRDF.
- 3.7 **Supervision:** The tenderer shall provide at all times access to and facilitate inspection and supervision of the works and records by the authorized personnel of NHRDF
- 3.8 **Data Collection:** Data required for carrying out these works shall be collected by the contractor. However, NHRDF shall issue necessary authorization letters required, if any for collecting the same.
- 3.10 **Incomplete/late submission of tender:** Incomplete tender or tender received after the prescribed last date and time shall not be considered under any circumstances.
- 3.11 **Submission of Progress Report:** The tenderer shall submit weekly progress reports to NHRDF about the progress of work and shall comply to the instructions of authorized officer of NHRDF.
- 3.12 **Financial / Payment Conditions and Warranty:**

No request for the advance will be entertained by the NHRDF. However, 30% of the tendered amount can be released after delivery of all the materials required for the work. The balance payment will be made only after successful completion of works in all respect. As regards warranty, the tenderer shall be obliged to give warranty against manufacturing defects as per company policy.

3.12.1 **Bill of Quantities:** The Bill of Quantities is only indicative in nature and is mentioned to facilitate tenderers to arrive at the total value of the project. The payment shall be made as per actual quantities at the rates accepted by NHRDF

3.13 **Assigning or sub-letting the work:** In no case subletting of full or part of the work shall be allowed after submitting the bid.

3.14 **Dispute:** In the event of any dispute, the effort will be first made to amicably resolve the dispute. In case the dispute still remains unresolved, the same shall be referred to the sole arbitration of the Director, NHRDF, , New Delhi and his decision shall be final & binding on both the parties to the agreement. The arbitration proceedings shall be held in accordance with Indian Arbitration Act. The venue of the arbitration shall be at New Delhi.

3.15 **Acceptance/Rejection of tender:** NHRDF reserves the right to reject any one or all the tenders without assigning any reason thereof.

3.16 **Stay arrangement of workers:** The tenderer will make his own arrangement for stay of his team of workers.

3.17 **Measurement of work:** Final measurement of the work should be taken by the tenderer only after completion of the work to the satisfaction of NHRDF representative / engineer.

3.18 **Submission of Final bill:** The final bill should be submitted within a month of satisfactory completion of the works as above. The item rate shall remain firm till completion of work and will not be subject to any increment / escalation of rates / cost etc. on any material / label / tax etc. or on whatsoever grounds.

3.18 **Inspection of site:** The tenderers shall visit the sites before tendering to acquaint themselves thoroughly with all the matters concerning the timely completion of works. They should also be well conversant with the rate of local taxes and other rates and charges of the government charges etc. which are to be entirely borne by them.

4. **SPECIAL CONDITIONS OF CONTRACT:**

4.1 The tenderer shall nominate and authorize one of its officers for liaising with NHRDF personnel in connection with the work.

4.2 The tenderer shall note that the quantities indicated in the Bill of Quantities (BOQ) are indicative only and may vary. The payment shall be made as per actual quantity executed only. For calculating the total contract amount unit rates accepted by NHRDF shall be adopted.

- 4.3 The tenderers shall be solely responsible for the safety, loss, theft, break down etc. of their equipment and safety of the manpower and shall get the same appropriately insured.
- 4.4 Only brief specifications have been given in the BOQ. However, all the works shall be executed as per relevant codes of practice as may be applicable. The bidder shall include the procedure in their methodology and shall execute works as approved by NHRDF
- 4.5 All rates quoted shall be inclusive of all duties, taxes, octroi etc. as may be applicable. GST shall be paid as applicable on production of documentary proof. No extra claim shall be payable. NHRDF shall however deduct taxes at source, as may be applicable and shall provide a certificate in lieu thereof.

5.0 **SCOPE OF WORK**

The tenderer shall carry out and complete the works in every respect in accordance with this contract and with the directions of and to the satisfaction of the Client. The client may in absolute discretion and from time to time issue written instructions, details, directions and explanations which are hereafter collectively referred to as "instructions" reflected either in the minutes or in any other form in regard to :

- a. The variation or modification of the design quality or quantity of works or the addition or omission or substitution of any work.
- b. Any discrepancy in or divergence between the schedule of quantities and/or specifications.
- c. The removal from the site of any material brought thereon by the contractor and the substitution of any other materials thereof.
- d. The removal and/or re-execution of any works executed by the contractor.
- e. The postponement of any work to be executed under the provisions of this contract.
- f. The dismissal from the works of any person employed thereupon.
- g. The opening up for inspection of any work covered up.
- h. The amending and making good of any defects.
- i. Co-ordination of work with other agencies.

6.0 **Validity of Tender:** Tender will be valid for a period of 3 months from the date of submission.

7.0 The system is to maintain a temp. of 18° +/- 2° C & RH of 35%

The NHRDF shall have a right to delete any item of work from the scope of contract and Contractor shall not make any extra claim on this account. The contractor shall forthwith comply with and duly execute any work comprised in such NHRDF instructions provided always that verbal instructions, directions and explanations given to the contractor or his representative upon the works by the Client shall, if involving a variation, be confirmed in writing by the contractor within 7 days, and if not dissented from in writing within a further 7 days by the client such shall be deemed to be the Client instructions within the scope of the contract.

ORGANIZATION PROFILE AND LIST OF DOCUMENTS TO BE SUBMITTED WITH THE TECHNICAL BID

Particulars of Tenderer / Bidder

Name of the Bidder firm / company	
Office Address: Telephone number: Mobile: E-mail ID:	
Registration No. & Nature of the firm i.e., whether	
Government Organization or Autonomous Body or Cooperative Organization or a Proprietorship firm or a Partnership firm	
Name and contact person details of all partners/Directors/ members the bidder on the date of submission of bid. (Separate sheet may be attached)	
Certificate of Incorporation, Memorandum & Article of Association and certificate of incorporation of company etc as applicable	
Name of Authorized contact Person	
Contact details of Authorized Person	
Telephone no.	
E-mail ID:	
Photo ID Card No.	
Self-attested copy of PAN Card of the firm	
Self-attested copy of documents in support of the minimum eligibility criteria stipulated in the bid document.	
Proof of payment of tender fee.	
Proof of payment of EMD.	
Particulars of bidder as prescribed	

Declaration as per specified format	
Letter of authorization issued by the competent person of the firm in favour of authorised signatory for signing the bid documents.	
Self-attested copy of proof of GST registration number of the firm	
Self-attested copy (in PDF Format) of duly audited P&L Account and balance sheet of last 3 financial years	

**(FORMAT OF UNDERTAKING TO BE FURNISHED BY THE
TENDERER ON NON-JUDICIAL STAMP PAPER OF RS. 100/-)**

M/s_____ hereinafter referred to as Contractor having its registered office_____, is in the business of supply, installation testing and commissioning of Air Conditioned dehumidified seed units.

That the Contractor has requisite technical competence and experience to successfully execute above project.

That the party undertakes that, it shall supply, instal, test and commission Air Conditioned dehumidified seed units at New Delhi and Kurnool in accordance with prescribed quality specifications and terms and conditions as laid down by the NHRDF. That the party shall be fully responsible for the quality of material supplied by it to NHRDF and also for proper installation and commissioning of dehumidified seed units.

The contractor also undertakes to indemnify NHRDF for any costs, risks, responsibility and losses that may be incurred on account of any action or inaction on the part of the party.

Further the contractor also confirm that their firm/company has not been black-listed by any Govt./Public sector undertaking/organisation/institute for committing any irregularities or involved in any fraudulent activity in connection with supply, installation and execution of any project.

Sign this day of _____in the year_____through its _____authorised signatory Shri _____ at_____.

Name/Signature/Seal of Authorised signatory

For and on behalf of

M/s_____

Witnesses:

1.

2.

PART - II

PRICE BID

Work No. - 1

Schedule of Items (Price Bid) – For Janakpuri, New Delhi site (Size 30' x 20' x 10')

(Prices quoted should be including freight charges upto Janakpuri, New Delhi & handling at site / unloading charges and all necessary work required for proper functioning of the system at site.)

S.N.	Description	Qty	Unit	Price in Rs.	Amount in Rs.
1	Supply, Instalation, Testing & Commissioning of Ceiling Suspended Double skin Air hadling unit with the suitable fan, Electric motor, 6 ROW DX Coil, RA Side Pre Filters (90% dn. To 10 m) .				
a	1200 CFM APPROX (3.0 TR) WITH 50 MM ST.PRESSURE. - (Fan Make - Kruger /Nictora, HP - Elct. Motor make - ABB / CGL OR EQVL.)	3	No.		
2	Supply, Instalation, Testing & Commissioning of Air Cooled Condensing Units FOR AHU & DEHUMIDIFIER UNIT(Voltas/ Blue Star Make)				
a	Capacity - 3.0 TR- Scroll comp. single circuit	3	No.		
b	Capacity - 1.5 TR- Rotary comp. single circuit	3	No.		
c	Supply & Fixing of Expansion Valves & Drier	3	Set		
d	Supply, Instalation, Testing & Commissioning of Copper piping duly insulated with cable tray	50	RMT		
e	Supply & Fixing of M.S. Stand for connesing unit	6	Set		
3	Supply & Installation of powder coated Aluminium Grill SS304 perforated grill and Aluminium VCD .VCD Shall be in aluminium extruded section construction and shall have necessary arrangement to operate from below the false ceiling.	3	No.		
4	PORATABLE TYPE DEHUMDIFIER(Bry Air or Equivalent Make)				
a	Capacity as per manuf. Selection	3	No.		
5	S.A. Diffuser with require VCD	3	No.		
9	Starter Panel for Air Handling Unit & ODUS with Microprocessor base remote controller and temp. + RH sensor	3	No.		
10	Require Cabling work	3	Lot		
11	Require Drain piping	3	Lot		
12	M.S. Fabrication work (If require)	40	Kg		
13	Any type of civil works, opening/closing cutout of walls etc. required for completion of works	1 Job			
14	Dismantling of old system	1 Job			
	Total Amount in Rs. (Without GST)				

Total _____

GST _____

Grand total _____

(In words _____)

Authorised Signatory
(Name and complete address of
the tenderer alongwith the seal)

Work No. - 2

Schedule of Items (Price Bid) – For KVK, Ujwa, New Delhi site (Size 20' x 15' x 10')

(Site Address: Krishi Vigyan Kendra (KVK), Village & Post- Ujwa, New Delhi-110073

(Prices quoted should be including freight charges upto KVK-Ujwa & handling at site / unloading charges and all necessary work required for proper functioning of the system at site.)

Sr. No.	Description	Quantity	Price (INR)	GST as applicable	Amount (INR)
1	Supply of 60 mm thick PUF Panel PP/PP, Al. Chequered Floor Panel, Door, Flashings, U Profile as per Annexure-I	1 Lot			
2	Supply of Refrigeration Unit as per Annexure-I	2 nos.			
3	Dehumidifier	1 no.			
4	Installation of the above mentioned job	Job			
5	Cost for any civil work, masonry work, MS structure for condensing unit, all necessary electrical work with MCBs, drain traps for condensed water from the cold room at suitable places.				
Grand total					

Total _____
GST _____
Grand total _____
(In words _____)

Authorised Signatory
(Name and complete address of
the tenderer alongwith the seal)

Work No.- 3

Schedule of Items (Price Bid) – For Kurnool (A.P.) site (Size 15' x 15' x 10')

(Site Address: NHRDF, Survey No. 236/1A, Plot No.10, Phase-III, Industrial Estate, Kallur,
Distt. Kurnool- 518 003 (AP))

(Prices quoted should be including freight charges upto Kurnool & handling at site / unloading charges and all necessary work required for proper functioning of the system at site.)

Sr. No.	Description	Quantity	Price (INR)	GST as applicable	Amount (INR)
1	Supply of 60 mm thick PUF Panel PP/PP, Al. Chequered Floor Panel, Door, Flashings, U Profile as per Annexure-I	1 Lot			
2	Supply of Refrigeration Unit as per Annexure-I	2 nos.			
3	Dehumidifier	1 no.			
4	Installation of the above mentioned job	Job			
5	Cost for any civil work, masonry work, MS structure for condensing unit, all necessary electrical work with MCBs, drain traps for condensed water from the cold room at suitable places.				
Grand total					

Total _____
GST _____
Grand total _____
(In words _____ **)**

Authorised Signatory
(Name and complete address of
the tenderer alongwith the seal)

BASIS OF DESIGN FOR KVK, UJWA, NEW DELHI & KURNOOL (A.P.)

Sr. No.	Descriptions	Seed Cold Storage
1	Refrigerant	R-22
2	Nominal Room Size in FT(External)	20'X15'X10'(H) (External) for KVK, Ujwa, New Delhi & 15'X15'X10'(H) for Kurnool (AP)
3	Room Temperature	18 Deg. +/- 2 Deg.C
4	Room RH	35% to 40%
5	Ambient Temperature	38-45 Deg. C (Max)
6	Product	Seeds
7	Total Product Loading Capacity	10MT
8	Daily Product Load	1000 Kg/Day
9	Product Incoming Temp.	30-35 Deg. C
10	Wall and Ceiling Insulation	60mm thick CFC Free PUF Panel with Cam Lock Joint. Density:40+/- 2Kg/M3 Lamination: PP/PP Lamination thickness: 0.4mm
11	Floor Insulation	60mm thick Al Chequered Floor Panel
12	Door Size	78"x34"x60mm thick – Hinge Door-1 Nos.
13	No. of Machines/Room	TWO (Both Working)
14	System Tape	Air-Cooled
15	IDU- Refrigeration Unit	MAKE- BLUE STAR OR EQUIVALENT
16	CDU- Refrigeration Unit	MAKE-BLUE STAR OR EQUIVALENT
17	Dehumidifier	REPUTED BRAND MAKE
18	Required Refrigeration Capacity	15000 BTU/HR-2Nos
19	Power Supply	230V/1PH/50 Hz

DECLARATION OF THE TENDERER

I/we hereby declare that I/we have made myself/ourselves thoroughly conversant with local conditions regarding all materials of which I/we have based my/our rates for this supply & installation. The tender with conditions and specifications etc. for this supply & installation have been carefully studied and understood before submitting this tender. I/we undertake to supply & install only the best quality of items & approved by the N.H.R.D.F. before starting the supply and to abide by their decision.

Authorised Signatory
(Name and complete address of
the tenderer alongwith the seal)