



উত্তরবঙ্গ কৃষি বিশ্ববিদ্যালয়
পুন্ডিবাড়ী, কোচবিহার, পশ্চিমবঙ্গ-৭৩৬১৬৫
UTTAR BANGA KRISHI VISWAVIDYALAYA
P.O. PUNDIBARI, DIST. COOCH BEHAR, WEST BENGAL- 736165



প্রফেসর প্রদ্যুৎ কুমার পাল
নিয়ামক (ভারপ্রাপ্ত)
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E-Tender Ref. No.: UBKV/Est T/P-02/20/2025-26 Date: 27/08/2025

NOTICE INVITING TENDER (NIT)

Online Tenders are being invited under Two Bid System viz, Part-I Technical Bid and Part II Financial Bid from the intending reputed, bona-fide and experienced manufacturers /authorized Agency for Supply and Fabrication of Temperature Controlled Seed Storage Unit under capital grant head of proposed seed hub on oil seeds at RRSS (OAZ), UBKV, Mathurapur, Malda as per following specification.

Details specification of Supply and Fabrication of Temperature Controlled Seed Storage Unit

PART-I (SEED STORAGE UNIT)			
Sl. No.	Item Description	Specification	Qty.
A	Supply & Fabrication of Temperature Controlled Seed Storage Unit	By PUF Panel Wall & Ceiling, PUF Slab Flooring , Sliding Door- 1 Set, Flashing , U Profile, Hat Channel, Rivet, Screw, Full Threaded Rod, Liquid Puf, Sealant, Fast Nut, PVC Cap, Refrigeration Units with inbuilt dehumidification system- 2 Sets, Refrigeration Controller- 2 Sets, RH Controller- 2 Sets, Temperature Notification Hooter- 2 Sets, PVC Strip Curtain- 1 Set, Refrigeration Pipeline- 2 Sets, Electrical Cable for internal wiring between IDU & CDU- 2 Sets & necessary fittings materials of Cold Room	1 (One) Complete Unit
i	Product	Ground Nut / Oil Seed in Bag	
ii	Total Product Loading Capacity	180MT – 200MT in Each Chamber	
iii	Daily Product Load	15MT – 20MT / Day	
iv	Size of Storage in Feet (External)	2070 Sq Feet [45.5' x 45.5' x 15'(H)]	
v	Ambient Temperature	+40°C to +45° C (Max)	
vi	Product Incoming Temp.	+25° C to + 32 ° C	
vii	Required Temperature for Storage Unit	+8 ° C to +12 °C	
viii	Required % RH for Storage Unit	45% to 55%	
ix	Wall and Ceiling Insulation	With 60 mm thick PUF Panel (Refer Part II for detailed specification)	
x	Floor Insulation	With 60 mm thick PUF Slab Insulation with Double vapor barrier including 3 – 3.5 “ RCC with Net Cement/Kota Stone Finish	

		<ul style="list-style-type: none"> (Construction of RCC / PCC & KOTA Flooring with sand, cement & Black Stone above PUF Slab insulated floor inside the Cold Room Cold Storage Room Size- 45.5 ' X 45.5 ' X 15 '(H)- External RCC / PCC thickness – 75 to 100mm, KOTA thickness- 12 to 15mm PVC Drain Pipes to drain out the Condensate from the Evaporator outlet to the nearest Drain Pit) 	
xi	Door	Size- 1500 x 2400 x 80mm Thick – 1 set Door Type- Sliding (Refer Part III for detailed specification)	
xii	System Type	Air – Cooled	
xiii	No. of Machines / Unit	Two	
xiv	Required Refrigeration Capacity	70KW (35Kw X 2 Sets = 70KW including Dehumidification- Inbuilt arrangement (Preferred Make for IDU: Star Cooler Preferred Make for CDU: Blue Star/Carrier Compressor Make: Emerson /Equivalent Compressor Type: Hermetic Scroll)	
xv	Refrigerant	R- 404A (Non-CFC)	
xvi	Refrigeration Controller	Microprocessor based Temperature Display with Indicator	
xvii	RH Controller	Microprocessor based RH Display with Indicator	
xviii	Power Supply	415V/3Ph/50 Hz	
xix	Power Consumption	<ul style="list-style-type: none"> 10Kw/hr X 2Sets – When Only Refrigeration cycle will be ON 20Kw/hr X 2Sets – When Heater & Refrigeration Cycle both will be ON 	
xx	Hooter	Cold Room high temperature and low temperature notification buzzer hooter	
xxi	Strip Curtain	PVC Strip Curtain for preventing temperature loss when Door will be open condition [Positive Grade]	
xxii	Electrical Power Arrangements for operating of Cold Room Ref. Units, Lights, Door Heater Etc.	Fire Proof Cu. Wire / Cable (3 Ph + Neutral + Earth), Conduit Pipe, Clamp, MS Box, 32 A TPN MCB- 4 Sets, 25 A DP MCB – 4 Nos, 10 A SP MCB- 2 Nos (Preferred Make- Havells / Polycab / Finolex / Anchor) {To be fitted inside and surrounding area of Cold Room}	
xxiii	Electrical Power Arrangements for Operating of CDUs	Fire Proof Cu. Wire / Cable (3 Ph + Neutral + Earth), conduit pipe, clamp, Powder Coated Waterproof MS Box, 32 A TPN MCB- 2 Sets (Preferred Make- Havells / Polycab / Finolex / Anchor) {To be fitted outside the seed storage unit at CDU Location}	
xxiv	Required Light Arrangement inside Cold Room	LED Light Set [Ceiling Suspended Light] (Preferred Make- Phillips/Bajaj/Havells of 20 Watts)	12 Nos
PART-II (PUF Panel Specification)			

a	Insulation	<ul style="list-style-type: none"> CFC Free Foamed In-place POLY URETHENE FOAM (PUF)
b	Co-efficient of Heat Transfer	<ul style="list-style-type: none"> 0.366 W/M-C
c	Density	<ul style="list-style-type: none"> 40 +/- 2 kg/m3
d	K-value of Insulation	<ul style="list-style-type: none"> < 0.02 kcal/m2.hr. C
e	Thermal conductivity	<ul style="list-style-type: none"> < 0.02 kcal/m2.hr. C
f	Compressive strength	<ul style="list-style-type: none"> 1.3 kg/cm2 (min)
g	Adhesion strength (PUF to steel)	<ul style="list-style-type: none"> 150 PSI
h	Closed Cell contents	<ul style="list-style-type: none"> 95% (min)
i	Fire resistance	<ul style="list-style-type: none"> Will not sustain fire in absence of source
j	Water absorption	<ul style="list-style-type: none"> 2% (max)
k	Vapour permeability	<ul style="list-style-type: none"> less than 2%
l	Thickness of outer sheets	<ul style="list-style-type: none"> 0.4MM
m	Material of outer sheets	<ul style="list-style-type: none"> Prepainted GI
n	Amount of Zinc Coating	<ul style="list-style-type: none"> 90 GSM or above
o	Type of camlock for panel locking	<ul style="list-style-type: none"> NA
p	Type of sealant	<ul style="list-style-type: none"> Silicone
q	Ozone friendly R-141 blown foam at 32-36Kgs/Cubic Mtr.	<ul style="list-style-type: none"> Yes
r	Structural stability within 2% after 48 Hrs. of foaming	<ul style="list-style-type: none"> Yes
s	Radiused wall to impede bacterial growth	<ul style="list-style-type: none"> Yes
t	Panel joints	<ul style="list-style-type: none"> Pre-fabricated with the panels to make leak proof joints). On floor, U-profile will be grouted for holding wall panels and ensuring anti-dampness. Continues Panel

PART-III (Door Specification)

a	Preferred Make	Metaflex Assabloy /Equivalent
b	Size	1500 x 2400 x 80mm Thick - Sliding Door
c	Other Features	<ul style="list-style-type: none"> Door Closure Positive Cam Lift Hardware Vinyl gasket on all sides & with SS brackets at the bottom of door Safety Release Exit Device for opening door from inside
d	Display	Yes

Mandatory Terms & Conditions

- Overall Warranty: 2 Years (Onsite)
- Price Should be Inclusive of GST- Transportation to worksite at RRSS (OAZ), Manikchak , Malda -Insurance-Delivery-Unloading – Labour Cost- Civil Works Cost- Installation of related Electrical Work & fitting-fixing of IDU-CDU Unit including Piping & other Incidental Charges etc.
- Tender Specific Authorization Letter should mandatorily be submitted with the Technical bid directly issued by OEM in case of IDU & CDU units which are essential. No sub - authorization will be entertained.
- Compliance statement should be submitted through Technical bid in support of the

specifications. Any type of copy paste in specification & compliance statement will be rejected during evaluation.

- Delivery Period: 90 days from the issuance of order date
- The Manufacturer /Supplier should have ISO 9001, 14001, 45001, CE Certification (Certificates to be enclosed)
- The Manufacturer /Supplier should have experience to set up atleast 3-5 nos similar nature / type of project in West Bengal with at least of Rs 25.00 Lacs or higher in last Three Financial Year (Order Copies need to enclosed).
- Should have service centre with in West Bengal; supporting documents e.g. Trade Licence, Rent Agreement Copy, List of Supporting Staff working in that service centre need to submit along with the technical bid; otherwise bid shall be cancelled.
- The Manufacturer /Supplier should have minimum annual turnover of Rs 1.00 Cr in last two financial year (FY 23-24, 24-25).
- The Manufacturer /Supplier should have valid Electrical License.
- Interested vendors may visit to the site by informing to the Officer In-Charge, Regional Research Sub Station (OAZ), Manikchak, Malda, West Bengal-732203, M- 9547433503 with prior intimation before submission of Tender.

➤ **Tender Schedule:**

• Date of Online Publication	:	27/08/2025
• Starting Date of online upload & submission	:	27/08/2025
• Last date of online bid submission	:	10/08/2025
• Last date of EMD submission (Hard copy)	:	11/09/2025
• Opening date of Technical bids	:	12/09/2025
• Tender fee	:	<u>Nil</u>
• EMD	:	₹1,25,0000.00 (Rupees one lakh twenty five thousands) only by means of demand draft from any Indian Commercial Bank in favour of <i>Uttar Banga Krishi Viswavidyalaya payable at Cooch Behar.</i>
• EMD Exemption	:	MSME, SSI & NSIC certified bidders may be exempted. Subject to submission of Valid such exemption certificate
• Details available in the website	:	https://wbtenders.gov.in/www.ubkv.ac.in

1. General Instructions:

In the event of e-tendering, intending bidder may download the tender documents from the website: <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate (DSC)

2. Submission of bids:

Both Technical bid and Financial Bid are to be submitted concurrently duly digitally signed by the Authorized Company personnel who is in the pay roll of the Company in the website <http://wbtenders.gov.in>. All papers must be submitted in English language.

3. Warranty: 2 (Two) years mandatory (onsite)

4. Eligibility for Quoting:

- Original Equipment Manufacturers (OEM) or Dealers/Distributors/Agents duly authorized by the manufacturers who are able to supply the assured quantities as per requirement & have requisite qualification for meeting the requirements as per this tender are only eligible for quoting.

- Further, vendors who were declared black listed and/or insolvent by any Govt. Concern/any Institutions in the Country for particular item or items are not eligible to participate in the current tender for that item or items.
- Integrity Pact Declaration:
 - i) Bidder should not offer any benefit to the employees of the University and also not sold to commit any offence under Prevention of Corruption Act, 1988 or Indian Penal Code 1860;
 - ii) Bidder should not enter into any undisclosed agreement or Understanding with other bidders with respect to prices, specifications, certifications, Subsidiary contracts, etc.
 - iii) Undertaking (as part of Fall Clause) is to be given by the bidders that he has not and will not sell the same material/equipment at prices lower than the bid price;
It is needed to mention that the University will have the right to take punitive actions for any violation on behalf of the Chancellor.

5. Annual Turnover Requirements:

Vender having average annual Turn Over more than Rs.1 (One) Crore in India for last two financial years 2023-24 & 2024-25 are eligible to participate in the Tender.

6. Submission of Tenders

6.1 General process of submission

Tenders are to be submitted online through the website stated in Clause 1. All the documents including addendum/ Corrigendum related to the tender uploaded by the Tender Inviting Authority form an integral part of the contract. Tenderers are required to upload all the tender documents along with the other documents, as asked for in the tender, through the above website within the stipulated date and time as given in the Tender. Tenders are to be submitted in two folders at a time, one is Technical Bid and the other is Financial Bid. The tenderer shall carefully go through the notice and prepare the required documents and upload the scanned documents of originals in Portable Document Format (PDF) to the portal in the designated locations/folders of Technical Bid. He needs to fill up the active cell at BOQ and upload the same in designated location of Financial Bid. The documents uploaded are virus scanned and digitally signed using the Digital Signature Certificate (DSC). Tenderers should in general upload the latest documents as part of the tender, however, in case of failure in uploading such documents, it will be deemed that they (tenderers) have taken acceptant of such latest documents including addendum/corrigendum, if published till the bid submission ends.

6.2 Technical Bid

The Technical Bid should contain scanned copies and/or declarations in the following standardized formats in two covers (folders):

I. Technical File (Statutory Cover) containing:

- a) Technical details of the Items Quoted "Bidders" must submit Technical specification along with Catalogue of the item quoted in "Technical Details" Folders.
- b) Audited Annual Accounts for last three financial years 2021-22, 2022-23 & 2023-24 or during the period since formation of the Firm, if it was set up in less than such 3- year period. Bidders whose accounts are not audited must submit 26AS for the above years as available in the official website of the Income Tax Department, Government of India. (to be submitted in "Accounts" folder)

II. My Document (Non-Statutory Cover) containing as follows:

Sl. No.	Category	Sub-Category	Sub-Category Description
1	Certificates	Certificates	Aadhaar Linked PAN Card of the Bidder
			Aadhaar card of the Bidder
			GST Registration Certificate

2	Company Details	Company Details	Trade License/Enlistment Certificate
			Registration with Registrar of Companies
			Memorandum of Articles for Limited Companies.
3	Credential	Credential 1	As mentioned in the Technical Specification
4	Financial Information	Payment Certificate 1	Income Tax Returns submitted for the Financial year (2021-22), (2022-23) & (2023-24)
			GST Return for last 3 months in 2025-26
5	Product Catalogue (Coloured)		Mandatory
6	Compliance Statement		Mandatory

6.3 Financial Bid

The Financial Bid should contain the following document in one cover (folder):

Bill of Quantities (BOQ): The tenderer should fill-up the designated cell as marked by the University in the BOQ sheet.

(** All the required essential / optional accessories or incidental services should be mentioned in the hard copy of Financial Bid)

7. Evaluation of the tenders

During the tender evaluation process, the “Technical Bid” will be opened first. Those Bidders who are qualified in respect of the essential & other requirements in “Technical Bid” will be identified and their financial bid will be opened. The financial bid of those Tenderer failing to meet the technical specification & other requirements laid down in the tender notice will not be opened and be rejected. The Tenderer offering the item found suitable and as per the tender specifications will only be selected. Final selection of the bidder in respect of Financial Bid is subject to further verification of several parameters allied with Financial Bid Evaluation.

8. Opening of financial bid:-

- i) Financial bid can be seen & accessed by the bidder through the NIC Portal after opening of financial bid on line. Objections raised by any Bidder in this respect will not be entertained by the University. No informal tender will be entertained in the Bid further.
- ii) During the scrutiny, if it comes to the notice of the tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not be allowed to participate in the tender and that application will be rejected outright without any prejudice.
- iii) The Tender Selection Committee reserves the right to cancel the N.I.T. due to any unavoidable Circumstances and no claim in this respect will be entertained.

9. TERMS & CONDITIONS REGARDING PURCHASE POLICY OF TENDERING AUTHORITY:

9.1 Bid Information:

- a) Bidder may quote in Currency as available in the BOQ Sheet.
- b) The rate quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- c) Bidder must follow the instruction for filling up BOQ as per Clause 6.3.
- d) Partial Tender/Incomplete tenders both for Technical and Commercial aspects may subject to cancellation of tender. However, University Authority will define the Partial Tender/Incomplete Tender based on the tender evaluation status.

- 9.2 Evaluation of Quotation:** The Purchaser will evaluate and compare the quotations determined to be substantially responsive stage wise. Firstly, Technical Bid will be evaluated and thereafter Price Bid for technically qualified bidders will be evaluated for selection of vendor.
- 9.3 Award of Contract:** The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive both technically and commercially. Purchaser reserves the right to reject any or all the tender, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest bid.
- 9.4 Successful Bidder will have to sign an agreement with the competent authority of the University.**
- 9.5** The vendor should quote and be capable to complete the supply and installation as per Tender.
- 9.6 Adequate support service facility:** The bidder/manufacturer should have adequate service support Centre in West Bengal basis for any emergency breakdown/fault offering facility within 48 hours and should be agreeable to provide AMC facility after the warranty period.
- 9.7 Bidder must provide Technical Compliance Sheet duly certified by OEM as per the Tender Specification. Any non-compliance will lead to rejection of tender.**
- 9.8 Manufacturer's Authorization:** Document in support of Manufacturer/Dealer and Service Provider has to be submitted along with the tender paper. If the Indian bidder is not the manufacturer, proper manufacturer's authorization and warranty from manufacturer is required and in this case, bidder should have full-fledged registered office in India.
- 9.9** Statutory deduction for GST and other Government taxes in the hand of the payee will be made as per the law in force.
- 9.10 Delivery Time Schedule: The Supply, Construction, Fabrication and installation /Demonstration work must be completed within 90 days from the date of receipt of the work order. No material will accepted in weekly off day and scheduled holiday of the University.**
- 9.11** Validity of offer: A bidder should spell out in the tender that it shall remain valid for a minimum period of 180 days from the date of opening of the tender and during this period, the bidder shall not be entitled to revoke or cancel its offer.
- 9.12** Place of Supply: RRSS (OAZ), Mathurapur, Malda, West Bengal.
- 9.13** Payment Schedule: 100% Payment will be made after satisfactory supply and installation of the equipment. This is jointly certified by the competent authority of the University and OEM's Service Engineer.
- 9.14** Quantity Changeability: Quantity as stated in the tender document may be changed at the time of issuing purchase order due to the fund crunch or for other valid reasons.
- 9.15** Liquidated Damages: If the supplier fails to deliver and installation of equipment within the time frame(s) incorporated in the work order, the purchaser / consignee shall, without prejudice to other rights and remedies available to the purchaser / consignee under the work order, deduct from the order price, as liquidated damages, a sum equivalent to 2% per month (part of a month to be taken as one month) of delay or part thereof on delayed supply of equipment until actual delivery or performance subject to a maximum of 10% of the order value. Once the maximum is reached purchaser/ consignee may consider termination of the order perform herein. During the above mentioned period of supply and / or performance, the conditions incorporated herein shall also apply.

9.16 Force Majeure: In case of performance disruption due to natural disasters (like earthquakes, hurricanes, floods etc.), wars riots or other major upheaval, performance failures of parties outside our control (e.g. telephone service, labour action in our vendors'/service providers etc.), second party will not be held liable.

In the event of any dispute between UTTAR BANGA KRISHI VISWAVIDYALAYA and second party arises; it can be mutually resolved by the way of amicable settlement between them. In case, the dispute is not resolved amicably, either of them, it shall be settled by a Board of Arbitration consisting of 3 members of which one member shall be nominated by the Hon'ble Vice-Chancellor, one member to be nominated by second party and third member shall be nominated by the Principal Secretary Department of Agriculture, Govt. of W.B. The decision of the Board of Arbitration shall be binding on all concerned.

9.17 Defective items: Cost of defective materials will be borne by the supplier only.

9.18 Termination of insolvency:

If the supplier becomes bankrupt or otherwise insolvent, the purchaser reserves the right to terminate the contract at any time, by serving written notice to the supplier without any compensation, whatsoever, to the supplier, subject to further condition that such termination will not prejudice or affect the rights and remedies which have accrued and/ or will accrue thereafter to the Purchaser/ Consignee.

9.19 After Sales and Service:

- i. The name and complete address of the company in India authorized by the manufacturer, to provide after sales service for the equipment should be mentioned. The appointed authorized service provider should be holding a valid certificate from the manufacturer to this effect.
- ii. The manufacturer should give an undertaking that after the warranty period, they shall provide spares and after sale service of the equipment in India for the normal life time of the equipment.

9.20 University reserves the right to issue work/ supply order either in full or phase wise depending upon the requirement and selected vendor will not charge any extra amount for such supply and delivery.

9.21 (a) Performance Security: It is meant for the expectation of accuracy of the job only. The successful bidder would be asked acceptance and to submit the performance security @ 10% of the order value in the form of DD/ BG from any nationalized bank in favour of UBKV payable at Cooch Behar. The vendor's response will commence further for issuing supply order by the competent authority of the University. The same would be released after successful supply and installation or commissioning of the instrument.

(b) Security Deposit: It is meant for the security for the warranty period of the item. Security deposit @10% of the order value in the form of DD/BG from any nationalized bank in favour of Uttar Banga Krishi Viswavidyalaya payable at Cooch Behar to be submitted at the time of installation /commissioning of item to ensure warranty period. The same would be released after completion of warranty period.

9.22 University may forfeit the Security Money (EMD) and Security Deposit in the event of the following circumstances:

- i. Selected bidder withdraws the bid before expiry of its validity and after receipt of the Purchase/work Order.
- ii. Selected bidder does not accept the order after issuing the same or fails to enter into a contract within validity period of offer.
- iii. Selected bidder fails to supply the items within the scheduled time as specified in the Purchase Order.
- iv. If before expiry of the warranty period, the supplied items break down or do not function satisfactorily due to the cause related with the item itself or for its installation and not for any reason caused by the University Authority and the supplier denies to take the responsibility to make the supplied items in order.

- v. In case of any false submission /statement by the bidder.
- vi. In case of any refusal to abide by terms and conditions or refusal to enter into a written agreement as per prefixed terms and conditions.

9.23 D/D of EMD of disqualified and unsuccessful bidders will be released without any accrued interest after completion of selection process.

9.24 Disposal of Disputes: In case of any dispute, the University's decision will be treated as the final and conclusive. All legal actions are subject to Cooch Behar jurisdiction only

9.25 Conditional bid may be liable for rejection.

9.26 Discretion of the University:

- a) University may take decision about non-purchase of the said item even after selection of vendor due to its fund constraints.
- b) University may seek documents from the bidder in addition to the scanned documents sent by them at the time of uploading technical bid for verification and evaluation of tender.
- c) University reserves the right to relax any clause as stated hereinabove for selection of responsive vender.
- d) The University reserves the right not to accept the rate even from the lowest bidder.
- e) The University reserves the right to accept or reject any or all tenders without giving any reason whatsoever.

9.27 Contact Details: Bidders may contact to Prof. Tapamoy Dhar, officer In-charge, RRSS (OAZ), UBKV, Mathurapur Malda (m) +91 9434155170 for any queries regarding items specifications and to Mr. Azad Rahaman Ahmed (m) 94348 12945 regarding submission of Tender.

Sd/-
Registrar (Actg.)