


INVITATION TO BID - Addendum 01		BID DUE DATE AND TIME
BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL & MECHANICAL COLLEGE		11/21/2024 11:00 AM CT
SOLICITATION RFQ-0000002388 SUPPLIER # SUPPLIER NAME AND ADDRESS <div data-bbox="180 394 789 604" style="border: 1px solid black; height: 100px; width: 100%;"></div>	RETURN BID TO <h2 style="text-align: center;">lsubids@lsu.edu</h2> Buyer Amy Hill Bourgeois Buyer Phone Buyer Email ahill5@lsu.edu Issue Date 11/05/2024	
TITLE: Growth and Dew Chambers		
Addendum 01: Notice is given to all parties that this solicitation is amended by the University as stated herein. This Addendum is hereby made an official part of this solicitation. ***The quantity for Item 1, Growth Chambers is hereby revised from 2 to 5. See attached revised price sheet and specifications. All other information remains the same. In order to be considered for award, MUST return the revised price sheet, which is attached herein.***		
<p style="text-align: center;">To Be Completed By Supplier</p> <ol style="list-style-type: none"> _____ "No Bid" (sign and return this page only). _____ My Company does not wish to receive future solicitations for this spend category. Specify your Delivery: To be made within _____ days after receipt of order. If applicable, Supplier's Addendum Acknowledgement/Response: As an authorized agent/signatory of the supplier, I/we acknowledge receipt of this Addendum, and _____ submit no alterations/clarifications to our original bid. _____ submit superseding revisions/clarifications to our original bid as written herein or attached hereto. <p style="text-align: center;">General Instructions to Suppliers</p> <ol style="list-style-type: none"> Sealed bids for furnishing the items and/or services specified are hereby solicited, and will be received by LSU Procurement at the "Return Bid To" address stated above, until the specified due date and time. Read the entire solicitation, including all terms, conditions and specifications. All bid information and prices must be typed or written in ink. Any corrections, erasures or other forms of alteration to unit price are to be initialed by the supplier. Bid prices are to be quoted FOB LSU/Destination and inclusive of any and all applicable shipping and handling charges unless otherwise specified in the solicitation. Any invoiced delivery charges not quoted and itemized on the LSU purchase order are subject to rejection and non-payment. Payment is to be made within 30 days after receipt of properly executed invoice, or delivery and acceptance, whichever is later. By signing this solicitation, the supplier certifies compliance with all general instructions to suppliers, terms, conditions and specifications; and further certifies that this bid is made without collusion or fraud. 		
SUPPLIER NAME	MAILING ADDRESS	
AUTHORIZED SIGNATURE	CITY, STATE ZIP	
PRINTED NAME	PHONE #	
TITLE	FAX #	
E-MAIL	FEDERAL TAX ID #	

SOLICITATION RFQ-0000002388

DUE DATE 11/21/2024

DUE TIME 11:00:00 AM

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
<p>UNLESS SPECIFIED ELSEWHERE, SHIP ALL ITEMS TO: LSU 302 Life Sciences Bldg Baton Rouge, LA 70803</p>					
1	<p>All or None</p> <p>ITEM 1 - Growth chambers per attached specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	5	Each	\$ _____	\$ _____
2	<p>All or None</p> <p>ITEM 2 - Growth Chamber per attached specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	1	Each	\$ _____	\$ _____
3	<p>All or None</p> <p>ITEM 3 - Dew chamber per attached specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	1	Each	\$ _____	\$ _____

Specifications for Plant Growth Chambers

Purchase/Scope of Purchase:

LSU Plant and Pathology is purchasing three plant growth chambers that will be used for propagating plant materials and monitoring disease development for plant pathology teaching demonstrations. Plant disease development is highly dependent on temperature, humidity, and light conditions; therefore, highly controlled environmental chambers are needed to ensure successful demonstrations. Additionally, demonstrations will also show the effects of climate change on disease development which require a means to precisely control CO₂ levels. We are also purchasing a dew chamber. The development of plant diseases is often highly dependent on maintaining high humidity for extended periods of time following inoculation. Without these conditions, disease fails to develop and experiments/demonstrations involving plant disease development are impeded.

Equipment must meet the following outlined specifications:

Item 1 – Growth Chambers - Quantity of 5

- At least 15 square feet of shelf space.
- At least 94 cubic feet of interior space.
- A temperature minimum (lights on) of 8 °C.
- A temperature maximum (lights on) of 43 °C.
- An adjustable LED lighting with intensity of up to at least 1500 $\mu\text{moles}/\text{m}^2/\text{s}$ at 6 inches from the light source.
- Humidity control with sensor that can raise or lower humidity in the range of 40-85% relative humidity with a tolerance of $\pm 10\%$ or better.
- Touch screen control.
- Software that can simulate global weather conditions.

Item 2 – Growth Chamber - Quantity of 1

- At least 15 square feet of shelf space.
- At least 94 cubic feet of interior space.
- A temperature minimum (lights on) of 8 °C.
- A temperature maximum (lights on) of 43 °C.
- An adjustable LED lighting with intensity of up to at least 1500 $\mu\text{moles}/\text{m}^2/\text{s}$ at 6 inches from the light source.
- Humidity control with sensor that can raise or lower humidity in the range of 40-85% relative humidity with a tolerance of $\pm 10\%$ or better.
- Additive CO₂ control with 5000 ppm sensor.
- A CO₂ removal system/scrubber.
- Touch screen control.
- Software that can simulate global weather conditions.

Item 3 – Dew Chamber - Quantity of 1

- An adjustable LED lighting with intensity of up to 500 $\mu\text{moles/m}^2/\text{s}$ measured 6 inches from the light source.
- Dimmable lights from 10-100% of the output.
- At least 19 square feet of total shelving area.
- A temperature minimum (lights on) of 12 °C.
- A temperature maximum (lights on) of 32 °C.
- Touch screen control.

Delivery:

Supplier is responsible for bringing the units to the point of use (building). The University will be responsible for working with the delivery company to provide a forklift truck capable of removing the units from the truck and into the building.

Warranty:

Supplier must provide at least a two-year standard warranty covering parts and labor for all equipment specifications.