| INVITATION TO BID - Addendum 01 | | BID DUE DATE AND TIME |
|---|---|---|
| BOARD OF SUPERVISORS OF<br>LOUISIANA STATE UNIVERSITY<br>AND AGRICULTURAL & MECHANICAL COLLEGE | | 10/10/2024 11:00 AM CT |

**SOLICITATION** RFQ-0000002354
**SUPPLIER #**
**SUPPLIER NAME AND ADDRESS**

**RETURN BID TO**

lsubids@lsu.edu

**Buyer** Amy Hill Bourgeois
**Buyer Phone**
**Buyer Email** ahill5@lsu.edu
**Issue Date** 09/24/2024

TITLE: Excimer Laser and Associated Beamline for a PLD System

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. See inquiries and responses.

**To Be Completed By Supplier**

1. _____"No Bid" (sign and return this page only).
2. _____My Company does not wish to receive future solicitations for this spend category.
3. Specify your Delivery: To be made within _____ days after receipt of order.
4. 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.

**General Instructions to Suppliers**

1. 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.
2. Read the entire solicitation, including all terms, conditions and specifications.
3. 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.
4. 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.
5. Payment is to be made within 30 days after receipt of properly executed invoice, or delivery and acceptance, whichever is later.
6. 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 # |

**LSU RFQ-0000002354**
**Excimer Laser and Associated Beamline for a PLD System**
**Addendum 01**

**Inquiry 1**
Please provide dimensions of the entire beam line. A layout drawing will help explain the requirement.

**Response 1**
Illustration sketch attached showing position of the laser and the chamber. Included are the angle of the flange to the center of the chamber (45º) and the height of the flange from ground (Z=55.5 inch).

**Inquiry 2**
Please describe what is meant by a "C-profile" beam line. Does that represent the shape of the beam line?

**Response 2**
Yes.

**Inquiry 3**
What height should the beam exit from this enclosure? Is it exiting at an angle?

**Response 3**
Exit Laser: horizontal, height from ground is Y=46.54 inch. Chamber flange: 45° to the vertical heights from ground.

**Inquiry 4**
Our standard aperture has adjustable windows for both axis. They are manipulated by hand and fastened into place. Will this be acceptable? "7. Integrated manual aperture with a dialer, indicating the mm opening of the short aperture axis, adjustable from the outside of the beam line"

**Response 4**
Aperture must be modified from the outside of the beamline to in-situ, and the whole beamline must be under laser class 1 conditions.

**Inquiry 5**

Please detail or illustrate what is being described by the following: “2. The supplier must provide a customized adaptor flange to connect the laser to the chamber CF100 with optimized CF63 nipple”

**Response 5**

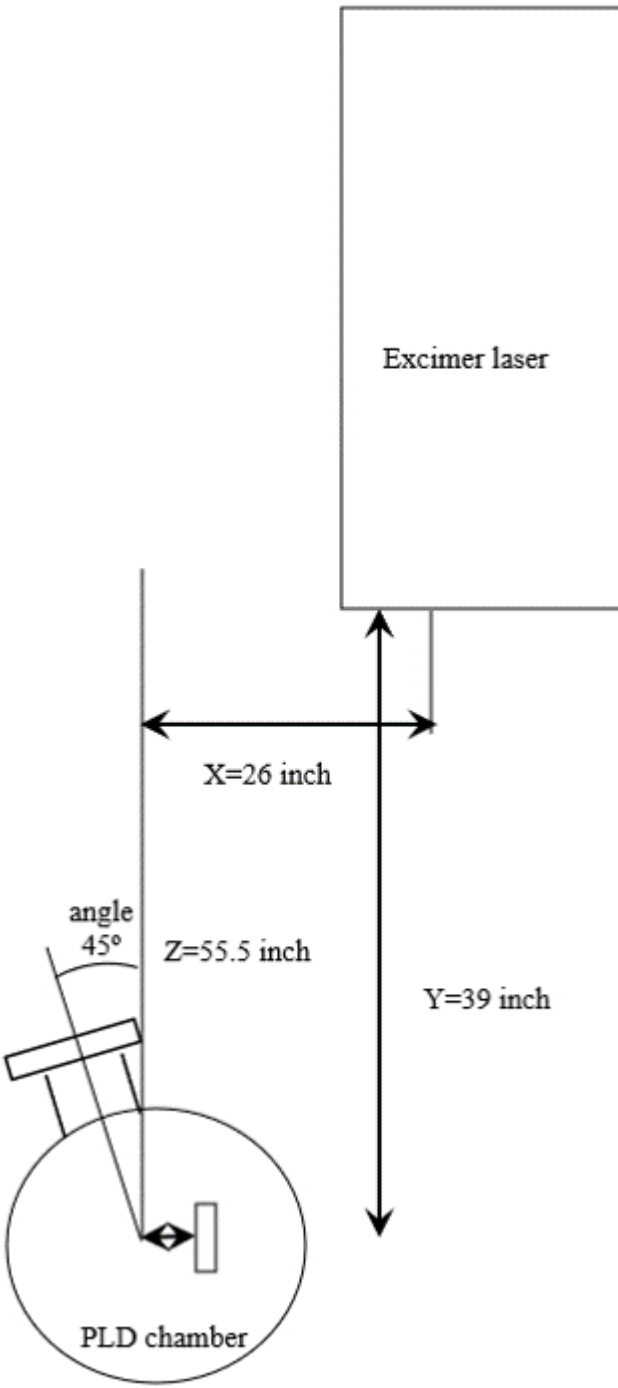
The chamber flange is currently a CF100, but the supplier must provide a customized adaptor flange to connect the laser to the chamber CF100 flange with CF63 laser window nipple, fixed to the beamline.

**Inquiry 6**

Where does this laser window install?  On the chamber, or on the enclosure? “8. For laser window: a suprasil II laser window of 70 mm diameter with one side AR248 coating”

**Response 6**

Laser window must be part of the beam line structure.


Excimer laser
X=26 inch
angle
45°
Z=55.5 inch
Y=39 inch
PLD chamber