

PREBID CLARIFICATION

I-HUB QUANTUM TECHNOLOGY FOUNDATION, IISER, PUNE

First Floor, Main Academic Building, IISER Campus, Dr Homi Bhabha Rd, 411008

Tel: 020-25908647 Email: qtf_purchase@quantech.org.in Website: www.quantech.org.in

Tender Ref. No: **I-HUBQTF/PUR/23-24/012**

Tender ID: **GEM/2025/B/5790412**

Item of Procurement: **Excimer Laser**

Tender Published Date: **07/01/2024**

Pre-bid Conference Date: **15/01/2025, 15:00**

Clarification Date: **24/01/2025**

Pre-Bid meeting was scheduled on **15/01/2025 at 3.00 PM** and minutes of meeting is as follows:

At the outset, the Technical Committee welcomed all the Members and the Representatives of Prospective Bidders and briefed in general the scope of the tender and thereafter requested the committee members to brief the bidders on the salient features of the tender.

The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of I-HUB QTF, IISER Pune and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents. Attached are the detailed technical and commercial queries with their clarifications (Annexure I).

The other terms & conditions of the notice issued on e-Procurement/GeM portal and on I-HUB QTF's website will remain unchanged. No more correspondence in this regard will be entertained. The meeting ended with vote of thanks.

Sd/-

Project Director

Clarifications/Amendment

(Annexure I)

QUERIES

SN	Tendered Specifications	Query / Clarification Sought	Clarification / Amendment
Key Characteristics			-
The phrase “Key Characteristics” is amended to “Key Characteristics during routine operation”.			
Key Characteristics			
2	Pulse energy: 750mJ@ 248nm (or higher)	Pulse energy: 700 mJ or higher at low repetition rate or higher and Stabilised Pulse energy 600mJ or higher at maximum repetition rate.	Tendered specification prevails.
Beam Specifications			
1	Beam orientation: Vertical	Beam orientation: Horizontal	Tendered specification is amended to: Beam Orientation: Vertical or Horizontal.
Other Specifications			
4	Dimensions: less than $\leq 200 \times 500 \times 1000$ mm ³	Dimensions: 820 (H) x 1560 (L)x 460 (W) mm or nearest match	Tendered specification is amended to: Dimensions: Less than 850 x 500 x 1575 mm ³
External Laser Energy Meter			
1	Energy Range: 0.2 mJ to 1J	Energy Range: 250 μ J to 1J or better	Tendered specification prevails.
2	Wavelength Range: 190 to 266	Wavelength Range: 193 to 266 nm or better	Tendered specification is amended to: 193 to 266 nm or better
3	Active Area Diameter: 50 mm	Active Area Diameter: 50 mm or higher	Tendered specification prevails.
4	Maximum Average Power: ~35 W (with heat sink)	Maximum Average Power: 40 W or better	Tendered specification prevails.
5	Damage Threshold:> 500mJ/cm ²	Damage Threshold: Maximum energy density: 0.6 J/cm ² or better, Maximum average power density: 10 W/cm ² or better	Tendered specification prevails.
Mandatory Terms:			
1	The manufacturer should have installed at-least 10 similar high-powered lasers during the last ten years in India for use in Pulsed Laser Deposition systems. The relevant details with contact person name, address, phone, and email Ids should be provided.	The manufacturer should have installed at-least 5 similar high powered lasers during the last ten years in India for use in Pulsed Laser Deposition systems. The relevant details with contact person name, address, phone, and email Ids should be provided.	Tendered specification is amended to: The manufacturer should have installed at-least 5 similar high powered lasers during the last ten years in India for use in Pulsed Laser Deposition systems. The relevant details with contact person name, address, phone, and email Ids should be provided.

SN	Tendered Specifications	Query / Clarification Sought	Clarification / Amendment
Other Queries:			
-	Other Queries:	Are the payment terms of 90:10 acceptable (90% after delivery and 10% after installation)?	An Inland Letter of Credit may be established for 100% of the order value, wherein 90% payment will be released upon presentation of original shipping documents and the remaining 10% will be released after successful installation, commissioning, and submission of the PBG.
		Does the 6-month delivery timeline include installation?	The 6-month delivery timeline includes delivery + installation.
		What is the warranty period for the product?	Warranty period is for three years for equipment including spares.
		Are mandatory terms restricted to the marking system?	Mandatory terms are not a part of marking system; however, these are necessary for the bids to be primarily eligible.
		Should 0% MII compliance be selected, or should it be marked as "No MII" for this global tender?	If the product offered by the bidder is non-local, the option "No MII" may be selected to submit the bid.