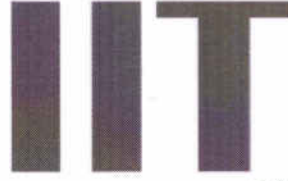




भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY
DEPARTMENT OF PHYSICS

Ref, No.: IIT (BHU)/Physics/2018-19/ 346

Date: 15.12.2018

CORRIGENDUM

Brief Description of Procurement: Supply of Excimer Laser for Pulsed Laser Deposition System

Bid Ref.: IIT (BHU)/PHY/2018-19/Laser-PLD/308 Dated 24.11.2018

A: Modification in Technical Specifications & Technical Compliance Statement in Annexure-1 & Annexure-2 (Modified)

Annexure- 1

Technical specification for Excimer laser for Pulsed Laser Deposition set-up

- Wavelength: 248 nm
- Pulse Energy: 400mJ @ 248 nm
- Average Power: $\geq 8W$
- Max rep. rate: 1-25 Hz (continuous variable)
- pulse duration: ≤ 20 ns
- Pulse to Pulse stability: $\leq \pm 1\%$
- Beam Orientation: vertical/horizontal
- Beam Dimension: for vertical 24 x 10 mm (v x h) / for horizontal 12x26 mm (v x h)
- Beam divergence: for vertical 3x 1 mrad (v x h) / for horizontal 12x26 mrad (v x h)
- Beam Pointing Stability: $\leq 200\mu\text{rad}$
- Cooling: Proper cooling
- Laser Tube: Metal Ceramic technology
- Integrated Energy monitor for stabilized operation
- Integrated Oil free Vacuum pump and Halogen filter
- Single Phase Operation, 220V/50Hz
- Warranty for 1 year + (2 years additional warranty)

TECHNICAL COMPLIANCE STATEMENT
(To be submitted by bidder duly filled)

SI. No.	Specifications	Yes/No
1.	Wavelength: 248 nm	
2.	Pulse Energy: 400mJ @ 248 nm	
3.	Average Power: ≥ 8 W	
4.	Max rep. rate: 1-25 Hz (continuous variable)	
5.	pulse duration: ≤ 20 ns	
6.	Pulse to Pulse stability: $\leq \pm 1\%$	
7.	Beam Orientation: vertical/horizontal	
8.	Beam Dimension: for vertical 24 x 10mm (v x h) / for horizontal 12x26 mm (v x h)	
9.	Beam divergence: for vertical 3x 1 mrad (v x h) / for horizontal 12x26 mrad (v x h)	
10.	Beam Pointing Stability: $\leq 200\mu\text{rad}$	
11.	Cooling: Proper cooling	
12.	Laser Tube: Metal Ceramic technology	
13.	Integrated Energy monitor for stabilized operation	
14.	Integrated Oil free Vacuum pump and Halogen filter	
15.	Single Phase Operation, 220V/50Hz	
16.	Warranty for 1 year + (2 years additional warranty)	

B: Bid submission closing date and Bid opening date

The Bid Submission end date has been extended till 29.12.2018 (05:00 PM) and Bid opening date will be 31.12.2018 (03:30) PM



HEAD/विभागाध्यक्ष
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