



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai - 400076

30th April 2024

Corrigendum –II

For (PR No. 1000038187) RFx No. 6100001707

193nm Excimer Laser system to be coupled with the existing Q-ICPMS

Sr. No.	Online RFx Clause	Previous Clause	Changed Clause
1.	Technical Specification Point no 2	Laser Source: 193nm Excimer Laser source coherent (Air-cooled); <5 ns pulse width; 1-500Hz repetition rates; Integrated energy control unit in closed-loop for the stabilization of beam energy.	Laser Source: 193nm Excimer Laser source (Air/water-cooled); <5 ns pulse width; 1-500Hz repetition rates; Integrated energy control unit in closed-loop for the stabilization of beam energy.
2.	Technical Specification Point no 3	Beam Delivery System: Capable for circular, square, and rectangular ablations with flat craters. Externally homogenized beam for generating every possible crater size from 1-200µm. Fluence $\geq 15 \text{ J cm}^{-2}$ of energy density at the sample surface. Option for setting the energy output in	Beam Delivery System: Capable for circular, square, and rectangular ablations with flat ablation craters base. Externally homogenized beam for generating crater size incrementally up to 150µm. Fluence $\geq 15 \text{ J cm}^{-2}$ of energy density at the sample surface. Option for setting the energy output in percentage or Jcm^{-2} . Aperture system for giving square and rectangular ablations while performing imaging. Dynamic Z focusing during ablation is required.



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		percentage or $J\text{ cm}^{-2}$. Aperture system for giving square and rectangular ablations while performing imaging. Dynamic focusing during ablation is preferable.	
3.	Technical Specification Point no 4	Viewing system: Full HD digital camera with up to 12.5x objective-to-camera magnification with a secondary macro navigation system having field of view up to 30 mm.	Viewing system: Full HD digital camera with up to 10x or better objective-to-camera magnification with a sample field of view navigation system.
4.	Technical Specification Point no 5	Lighting system: Software-operated high intensity LED light sources such as transmitted, ring and independently-operated coaxial light. The system should have provision for reflected and polarized light source.	Lighting system: Software-operated high-intensity LED light sources such as transmitted, ring and independently operated coaxial light. The system should have provision for reflected and polarized light sources for sample viewing.
5.	Technical Specification Point no 9	DCI: Dual Concentric Injector for ultra-fast wash-out speeds	System should have the option of fast signal washout mechanism.
6.	Technical Specification Point no 20	Additional add-ons: Iolite and Glitter software for the reduction of LA-ICP-MS data.	Additional add-ons: (a) Data processing software capable of processing LA-ICP-MS data for trace elements and isotope measurements and imaging (b) Glitter software for the reduction of LA-ICP-MS data.



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7.	Bid submission End Date/Date & Time of submission (Online RFX clause)	06.05.2024 at 13.00	10.05.2024 at 13.00
8.	Bid Opening Date & Time (Online RFX clause)	06.05.2024 at 15.00	10.05.2024 at 15.00

A handwritten signature in blue ink, appearing to read 'Rahul Kumar', written over a horizontal line.

Assistant Registrar (MM)

IIT Bombay