

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES,  
STORE SECTION (DO), 1<sup>ST</sup> FLOOR, ANIMAL HOUSE,  
ANSARI NAGAR, NEW DELHI-110 029, INDIA**

# **TENDERENQUIRY DOCUMENT**

**(Two Bid System for Machinery & Equipments)**



**Advertised Tender Enquiry No.: XX-145/SO(DO)/Uro/24-25/M&E**

**Brief Description of Goods** : Purchase of Thulium Fiber Laser System for stone & Prostate - 01 No.

**SECTION-I**



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
ANSARI NAGAR, NEW DELHI-110 029  
TENDERS ENQUIRY DOCUMENTS (TED)**

**Advertised Tender Enquiry No : XX-145/SO(DO)/Uro/2024-25/M&E**

**On behalf of Director, AIIMS, Ansari Nagar, New Delhi-110 029, online bids are invited in two bid system (Techno-Commercial Bid and Financial Bid) from reputed, eligible and qualified firms/manufacturer for supply of following Goods:**

S. No.	Brief Description of Goods	Quantity	Amount of Bid Security/EMD
1.	Purchase of Thulium Fiber Laser System for stone & Prostate	01 No.	INR Rs. 2,00,000/-

**CRITICAL DATE SHEET**

Published Date & Time	22-11-2024 at 04.00 pm
Bid Document Download/Sale Start Date	22-11-2024 at 04.00 pm
Seek Clarification Start Date	22-11-2024 at 04.00 pm
Seek Clarification End Date	28-11-2024 at 04.00 pm
Pre Bid Meeting	05-12-2024 (Thursday) at 03.00 pm
Pre Bid Meeting Place & Address	Room no. 5030, 5 <sup>th</sup> floor, Teaching Block, Department of Urology.
Bid Submission Start Date & Time	14-12-2024 at 01.00 pm
Bid Submission End Date & Time	30-12-2024 (Monday) at 03.00 pm
Bid Opening Date & Time	31-12-2024 (Tuesday) at 03.00 pm

**Section – VII**  
**TECHNICAL SPECIFICATION AND GENERAL POINTS**

**SPECIFICATION OF THULIUM FIBER LASER SYSTEM FOR STONE & PROSTATE**

1. The Laser Should be Thulium Fiber Laser-based technology.
2. The equipment must be compact Thulium Fiber Laser with a minimum power setting of 60W.
3. It should have both pulse & continuous Mode.
4. The equipment should have Lithotripsy, Soft tissue & Expert Preset modes. Lithotripsy should have Dusting, Popcorning & Fragmentation modes for the treatment of different types of stone & compositions.
5. The equipment should be able to perform Lithotripsy, Coagulation & Ablation.
6. The equipment should have a dual foot paddle with a standby/active button and two programs should display on screen at a time and user should have the freedom to use any program by selecting a pedal for the time-effective surgery.
7. The equipment should have an inbuilt touch screen operating panel on the front of the machine, should not have an external panel.
8. The equipment must supply reusable fibers. All the fibers must be reusable and non-locking to minimize procedure costs.
9. It should have an Auto fiber detection facility.
10. It should be a portable & lightweight laser that can easily shift.
11. The laser should have Air cooling.
12. The equipment must have an adjustable pulse width (short/Medium/Long) for soft tissue application.
13. The equipment should have a green aiming beam for user-friendly.
14. It should have a frequency of up to 2000 Hz or more.
15. It should have a maximum energy level of up to 6J.
16. It should have a minimum energy level of 0.020J.
17. The equipment/Technology should be from Europe or the USA. The Product should have European CE/ US FDA/ BIS. Registration Certificate to ensure the Quality of product.
18. Only the original equipment manufacturer (OEM) or its exclusive authorized distributor must quote the tender
19. Distributor/Manufacturer must have an installation in India to get genuine feedback
20. Distributor/Manufacturer must provide user performance certificates of last 3 years for same models.
21. The laser should be supplied with the following accessories & consumables :
  - a. Should be supplied with reusable fibers of 150, 200, 272, 365, and 550 microns (10 each)
  - b. FiberStripper: 2 No.
  - c. FiberCutter: 2 No.
  - d. Safety goggles: 10 No.
  - e. Laser Inspection Scope: 1 No.
  - f. Trolley – 1 no.
22. The system should be covered with a five-year warranty.

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