ALL INDIA INSTITUTE OF MEDICAL SCIENCES,

STORE SECTION (DO), 1ST FLOOR, ANIMAL HOUSE,

ANSARI NAGAR, NEW DELHI-110 029, INDIA

TENDERENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipments)

Advertised Tender Enquiry No.: XX-88/SO(DO)/Urology/2026-27/M&E

Brief Description of Goods : **Purchase of Ultrasonic Coagulation and cutting system with accessories - 02 Nos.**

SECTION-I

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-110 029

TENDER ENQUIRY DOCUMENTS (TED)

Advertised Tender Enquiry No : **XX-88/SO(DO)/Urology/2026-27/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 (in Rs.)
1.	Purchase of Ultrasonic Coagulation and cutting system with accessories	02 Nos.	INR Rs. 1,90,000/-

CRITICAL DATE SHEET

Published Date & Time	*07-10-2026* at 04.00 pm
Bid Document Download/Sale Start Date	*07-10-2026* at 04.00 pm
Seek Clarification Start Date	*07-10-2026* at 04.00 pm
Seek Clarification End Date	*14-10-2026* at 04.00 pm
Pre Bid Meeting	*23-10-2026* at 03.00 pm
Pre Bid Meeting Place & Address	*Department of Urology, Room no. 5030, 5th floor, Teaching Block, AIIMS New Delhi.*
Bid Submission Start Date & Time	*02-11-2026* at 04.00 pm
Bid Submission End Date & Time	*16-11-2026* (Monday) at 03.00 pm
Bid Opening Date & Time	*17-11-2026* (Tuesday) at 03.00 pm

Instructions:

1 Bids shall be submitted online only at CPPP website: https://eprocure.gov.in/eprocure/app

2. The Bidder shall download the Tender Enquiry Document directly from the websites https://eprocure.gov.in/eprocure/app and shall not tamper/modify it including downloaded Price Bid template in any manner. In case if the same is found to be tempered/modified in any manner, Tender/Bid will be summarily rejected and EMD would be forfeited.

3. The complete bidding process is online. Bidders should be possession of valid Digital Signature Certificate (DSC) of class III for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above.

4. Bidders are advised to follow the instructions provided in the "Instructions for Online Bid Submission" in Para No. 11 of GIB of Tender Enquiry Document.

5. Bidders are advised to visit this website regularly to keep themselves updated, for any changes/ modifications in the Tender Enquiry Document.

6.Intending bidder are advised to visit CPPP website https://eprocure.gov.in/eprocure/app regularly till closing date of submission of bid, for any corrigendum.

7. The documents to be submitted in their bid may be scanned with 100 dpi with black and white option which helps in fast uploading.

8. The EMD/Bid Security shall be deposited through Bank Guarantee/Demand Draft/FDR drawn in favour of the **AIIMS Main Grant.** The original Earnest Money/Bid Security must be delivered to **Sr. Stores Officer, Store Section (DO), Ist floor, Animal House Building (Near Bio-technology Building) AIIMS, New Delhi-110029** till bid opening date and time as mentioned in "Critical Date Sheet" failing which the bid shall be summarily rejected.

Section – VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Specifications for Ultrasonic coagulation and cutting system with accessories (Two units)

1. Should have provision of both Ultrasonic Energy and Radio Frequency energy modes in a Single Generator Unit.
2. Should be supplied as complete system with Generators, Switch pedals, Control System, Cables and Generator cart.
3. Should have facility for hand Switch and Foot Switch type of activation, both individually and together
4. Should have ability to change the power settings.
5. Number of power setting should be 5 or more.
6. Should have LCD type of Display.
7. Should have Touch Screen type of Control unit.
8. Should have onscreen warning system for any errors.
9. Should have vessel sealing capacity upto 7mm for Ultrasonic probe.
10. Should have vessel sealing capacity upto 7mm for RF probe.
11. Should have USB interface.
12. Should have system diagnostics for errors and recovery.
13. Any adapters necessary for use of Ultrasonic or RF or combined energy usage in any form should be provided.
14. Any software/hardware necessary to make the unit functional to its full capacity should be provided free of cost
15. Should be compatible with both open and Laparoscopic consumables/accessories.
16. Instrument recognition should be automatic
17. Laparoscopic consumables should be 5mm or less in diameter, 360 degree rotation of shaft and Total Articulation should be 110-150 degree
18. Consumables to be provided
    a. Ultrasonic 7 mm Probe for Lap - 1
    b. Ultrasonic 5 mm probe for lap-1
    c. Ultrasonic 7 mm probe for open-1
    d. Ultrasonic 5 mm probe for open-1
    e. Advance RF 7mm probe for lap-1
    f. Advance RF 5 mm probe for Lap-1
    g. Advance RF 7mm probe for open-1
    h. Advance RF 5mm probe for open-1
    i. Transducer/Hand-piece compatible with various hand instruments and energy type for use in open and lap surgeries-1
19. Advanced surgical plume management system
    a. The Smoke Evacuator should evacuate, and filter surgical smoke plume and aerosols created in any surgical procedure by an active surgical energy device.
    b. The Smoke Evacuator should simultaneously activate with all Surgical Energy Devices Ultrasonic, Advance Bipolar, Bipolar & Monopolar.

c. Smoke Evacuator filter should be four stage ULPA grade to captures particulates and micro-organisms from .1 to .2 microns at an efficiency of 99.999%, should able to absorb odors and toxic gases produced in surgery.
d. Smoke Evacuator should have five different run time setting for suction of residual smoke in different surgical procedures.
e. System should offer 5 different suction speed for Lap & Open Surgeries.
f. Filter Life Should be > 34 Hours with filter life indicator.
g. Suction Speed should be 5 Lt / Minuit - 41 Lt / Minuit for Lap procedures to maintain Pneumoperitoneum, Open Procedures suction speed should be > 70 Lt / Minuit.
h. The smoke evacuation system should comply with IEC60601.1 electrical specifications & should have Class I protection against electrical shock (UL60601-1, Clause 5.1)
i. System should comply with electromagnetic emission CISPR11.
j. Technical Specifications:
    i. WEIGHT: Less than 30 lbs
    ii. OPERATING ENV. Temp.: 5o – 55o C Range of operating environment.
    iii. POWER REQUIREMENTS: 220/240 VAC
    iv. Frequency, auto sensed: 50/60 Hz
    v. Duty Cycle- Continuous
    vi. Dimensions LWH- 16 X 15 X 7.4 in
    vii. Vacuum Pressure - 4.95 psi
k. The unit should comprise of following instrument.
    i. Smoke evacuator system with foot-switch – 1 pc
    ii. RF sensor for Simultaneous activation with Monopolar – 1 pc
    iii. Four Stage ULPA filter – 1 pc
    iv. Fluid trap – 10 pcs
    v. Open surgery smoke evacuator pencil with PTFE coated tip (reduce smoke generation) & telescopic length of device allows surgeon to adjust the pencil by a full of 6 inches – 20 pcs
    vi. Laparoscopic tubing – 25 pcs
    vii. Connecting Cable for simultaneous activation with Ultrasonic, Advance Bipolar, Bipolar & Monopolar Devices - 02

20. Price of all consumables/accessories should be individually quoted and price fixed in the quotation.
21. All equipment should be from same OEM
22. An up-time guarantee of 95% is to be provided. Any repair required must be completed within 96 hours of notification failing which, a replacement product of similar capabilities is to be provided. Failure to provide a replacement product if the machine is out of commission for more than 96 hours, or exceeding total down time of 5% (more than 18 days in a year) will result in penalty at the rate of 0.05% per day of the total cost of invoice.
23. All accessories essential for making the device fully functional must be included in the quotation. If it is later determined that an essential accessory has not been quoted/provided, the vendor will be responsible for providing it free of cost.
24. Physical demonstration of the quoted model as per technical specification of tender is essential.
25. System should have European CE or US FDA or BIS quality certification.

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