

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)



शरीरमाद्यं खलु धर्मसाधनम्

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, 5 th 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. 1.1 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), 1st 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 LxWxH: 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 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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TENDERENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipments)



परीक्षाओं के लिये प्रवेशार्थी

Advertised Tender Enquiry No.: XX-89/SO(DO)/Uro./26-27/M&E

Brief Description of Goods : Purchase of Flat Panel C-Arm X-ray
- 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-89/SO(DO)/Uro./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 Flat Panel C-Arm X-ray	02 Nos.	INR Rs. 12,00,000/-

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 04.00 pm
Pre Bid Meeting Place & Address	Department of Urology, Room no. 5030, 5 th 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

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Section - VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Technical specifications for flat panel C-arm X-ray - 2 (Two) unit

The system should have the following essential features:

1. State-of-the-Art, Compact, Easily Transportable Flat panel detector, motorized, Mobile C-Arm X-ray Unit.
2. Generator and X-ray Tube:
 - a. Generator should be high frequency type, with power output of 25 KW or more with the following modes:
 1. Continuous Fluoroscopy
 2. Pulsed Fluoroscopy.
 3. Digital Radiography mode.
 - b. The range of KV should be minimum 40 KV or lower; maximum 120 KV or higher for each mode.
 - c. Each mode should be 60 mA or more
 - d. The Generator should be capable of providing Pulse Fluoroscopy with Pulse rates up to 15 frames/sec or more.
 - e. Foot switch for fluoroscopic control should be provided
 - f. Automated dose regulation and manual mode of fluoroscopy should be available
 - g. X-ray tube should have a:
 1. Dual focal spot through rotating anode with lower focus at 0.3mm and higher at 0.6mm
 2. Focal spot of nominal value suitable for Fluoroscopy and Radiography.
 3. Nominal X-ray tube voltage 120KV.
 4. Additional safety filters must be inbuilt into the tube
 5. Automatic Dose Control.
 6. Heat storage capacity should be 300 KHU or more. Minimum of 10 minutes of continuous fluoroscopy should be possible.
 7. Thermal protection device should be available
 - h. Collimator unit: Shutters/Diaphragm for radiation free collimation
3. C-Arm:
 - a. Fully counterbalanced & motorized C-Arm movement with integrated cables, electromagnetic brakes, laser positioning system & automatic position control presets facility
 - b. Should have:
 - i. Angulation movement minimum range +/- 180
 - ii. Orbital movement minimum range +90 / - 25
 - iii. Vertical movement minimum 45 cm
 - iv. Longitudinal movement minimum 20 cm
 - v. Swivel/wig-wag range up to +/- 10
 - vi. Source to detector distance 97 cm or more
 - vii. Minimum of 76 cm free space within the C- Arc to provide a large imaging space.
 - viii. The C-Arm depth should be 72 cm or deeper to provide a large imaging space and C-Arm clearance around the patient and the imaging table.
4. Flat panel detector
 - a. Flat panel detector with sizes of 20 x 20 cm or more
 - b. Minimum resolution should be at least 1 lp/mm
 - c. It should have at least 1Kx1Kpixels
 - d. Image rotation and top/bottom and left/ right reversal should be possible
 - e. System Integrated laser targeting is essential
5. Image viewing
 - a. Two LCD monitors of 19" size or more (medical grade) mounted on a trolley should be provided.
 - b. The display system should have a minimum brightness of 330cd/m2
 - c. Last image hold facility should be available
 - d. Cine image acquisition and long cine loop visualization in real time should be available

- through either control console or separate add-on image viewing system
- c. System should have a hard disc drive storage capacity of 10000 images or more with post-processing facility
- f. Storage and transfer facility to CD or pen drive should be available.
- g. Alphanumeric keyboard/touchscreen for entering patient data and for image annotation etc.
- 6. Image Documentation:
 - a. The unit should be DICOM ready for networking to the hospital network & any PC and PACS.
 - b. Should be possible to archive images on CD R / W DICOM 3 format.
 - c. Should have one thermal printer and supplied with 10 compatible thermal paper rolls.
 - d. Should have fluoroscopic video recording system and have facility to transfer data to CD or pendrive in standard file format like jpeg/tiff or avi/mp4 or other similar formats
- 7. Essential Accessories:
 - a. Zero Lead Aprons (light weight): 10
 - b. Gonadal shield : 10
 - c. Thyroid shield : 10
 - d. OT table side radiation curtains to reduce radiation scatter with hook hangers, length 20 inch ($\pm 10\%$), width 6 inch ($\pm 10\%$): 8
 - e. OT table side radiation curtains to reduce radiation scatter with hook hangers, length 12 inch ($\pm 10\%$), width 6 inch ($\pm 10\%$): 8
 - f. Integrated dose measuring chamber displaying the dose at the end of the study must be available.
 - g. Flat panel disposable plastic sterile covers: 100
 - h. Fit over Radiation Shielding eyeglasses: 10 with following features:
 - i. Should be light-weight
 - ii. Provide very high x-ray protection
 - iii. Comfortable, easy to wear over regular spectacles
 - iv. Frame should be constructed of durable non-breakable light weight material
 - v. Should offer radiation protection of 0.75 mm of Lead equivalent or more
 - vi. 0.35 mm lead Lateral protection
 - vii. Frame should be CE certified/BIS approved
- 8. Compatible UPS electrical back-up for 15 min or more for full system
- 9. Other features:
 - a. Quoted equipment should meet USA FDA / European CE / equivalent BIS approval standards.
 - b. The system offered should have AERB type approval / NOC for installation and use in India.
 - c. All information in the tender document must be supported by original product data sheets. Computer generated data sheet shall not be accepted.
 - d. All information asked for must be provided in the compliance statement under the headings given above.
 - e. Supplier must ensure the availability of 'expertise service' and maintenance in New Delhi. Spare parts and repair for the next 10 years must be ensured.
 - f. Application Specialist should be available for on-site training x 10 days
 - g. DICOM format image transfer facility to remote workstation for image review/ archive.
- 10. Installation:
 - a. Installation, including networking, shall be free of cost and shall be the responsibility of the supplier. All accessories like cables, ports and spares etc as necessary for complete, smooth and breakdown-free functioning of the entire system shall be the responsibility of the supplier.
- 11. After installation warranty:
 - a. After installation, 2 year warranty + 3 years comprehensive CAMC onsite warranty of 100%

equipment, inclusive of all parts/components including X-ray tube, batteries of UPS, should be provided by the Principals, with free updation with newer software technology, as and when evolved. The supplier shall separately quote annual CMC rates for years 6-10 (inclusive all parts as above) in continuity after the warranty period with year wise break up.

b. In case of a fault/non-functioning of machine, it must be restored to full functionality within 72 hrs of information with an annual uptime of 95% i.e. downtime no greater than 18 days in a year. If the total downtime is expected to exceed 72 hrs on any one instance or more than 18 days in a year, the vendor must provide a replacement device of same type and functionality failing which penalty @0.05% of the total cost of the device will be levied for each day, or part thereof, of delay. Further, the warranty or CMC period will be extended by twice the number of days for which the device has been non-functional beyond the permissible downtime.

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TENDERENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipments)



Advertised Tender Enquiry No.: XX-91/SO(DO)/ENT/26-27/M&E

**Brief Description of Goods : Purchase of Near Infrared Fluorescent
Imaging for Parathyroid System – 01
No.**

SECTION-I



ALL INDIA INSTITUTE OF MEDICAL SCIENCES

ANSARI NAGAR, NEW DELHI-110 029

TENDER ENQUIRY DOCUMENTS (TED)

Advertised Tender Enquiry No : **XX-91/SO(DO)/ENT/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 Near Infrared Fluorescent Imaging for Parathyroid System	01 No.	INR Rs. 1,60,000/-

CRITICAL DATE SHEET

Published Date & Time	08-10-2026 at 04.00 pm
Bid Document Download/Sale Start Date	08-10-2026 at 04.00 pm
Seek Clarification Start Date	08-10-2026 at 04.00 pm
Seek Clarification End Date	13-10-2026 at 04.00 pm
Pre Bid Meeting	13-10-2026 at 03.00 pm
Pre Bid Meeting Place & Address	Room No 4053, Department of ENT, Teaching Block, AIIMS, New Delhi-110029
Bid Submission Start Date & Time	23-10-2026 at 04.00 pm
Bid Submission End Date & Time	09-11-2026 (Monday) at 03.00 pm
Bid Opening Date & Time	10-11-2026 (Tuesday) at 03.00 pm

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Section – VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Item Name: Near Infrared Florescent Imaging For Parathyroid system
Qty: 01 No.
Warranty Guarantee: 2 Years Warranty + 8 Years CAMC

1	Should have near infra red, atleast zoomx10, camera, auto focus.
3	Should have 700-800nm,excitation wavelength, for preventing any side effects of laser
4	Provided with Color rendering index of white light illumination at least 80% (ambient light imaging)
5	Should have Laser wavelength should be able to provide autofluorescence of parathyroid, for identification of gland.
6	Portable Device, for easy handling & maneuverability, user friendly
7	Should have The device should be able to use ICG & methylene blue.
8	Should have Working distance:-20 to 30 cm, for better imaging
9	Should have Focal plane depth:-2 to 3 cm, for clear image
10	Should have Field of view:-2-20 cm, for wide image capturing.
11	Should have Resolution (focal plane):-Around 300 to 50 μ m resolution depending on magnification, to provide better image quality
12	Should have Max frame rate:-25 images/sec, improving quality of images.
13	Should have Minimum exposure time:-1 ms, for real time imaging
14	Should have Maximum exposure time:-1 s, ease of real time imaging for recording.
15	Should have Number of bits of camera:-8 bits or better providing clearer images
16	Should have Image size (pixels):-720 x 576 or better & clear picture quality.
17	Should have Image format:-tiff
18	Should have Video format:-avi, mpg, mp 4
19	Should have Laser class:-Class 1, safe laser system
20	Should have Laser power:-5 mW/cm ² at 20 cm
21	Should have Laser lifetime:-5 000 hour
22	Should have LED lifetime:-10 000 hours
23	Should provide with latest generation laptop(15 inch) from reputed brand.

24	Physical Demo is must at our premises.
25	The Principle/Supplier should maintain and support the system for upcoming 10 years (warrenty + CAMC) if the existing system or any other part are obsolete or unrepairable then principle/supplier upgrade/Replace it without any additional cost.
26	All equipment's should be from the same manufacturer
27	System should be fully functional with all necessary software and hardware.
28	If the Maintenance contractor may have to take the goods or some components of the goods to his factory for repair on such occasion before handing the overs or component the contractor gives loaner to the department.
29	After sales services centre should be available at the city of institution on 24 (hrs) X7 (days) X 365 (Days) basis. Complaints should be attended properly, maximum within 8 hrs. The service should be provided directly by bidder/Indian Agent. Undertaking by the Principals in the "Manufacturer Authorization Form" that the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.
30	On site training to Doctors/Technicians/staff is to be provided by Principal/Indian Agents for operation and maintenance of the equipment to the satisfaction of the department.
31	During the warranty period and CAMC period, desired Uptime of 95% of 365/366(Leap Year) days (24 Hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by twice the time period. In addition a penalty equal off 0.25% of the total cost of equipment per day will be liveable for the excess downtime period. Complaints should be attended properly maximum within 8hrs.
32	All software upgradation should be provided free of cost during Comprehensive Warranty Period.

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TENDERENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipments)



शरीरमात्रं रक्तं धर्मसाधनम्

Advertised Tender Enquiry No.: XX-92/SO(DO)/ENT/2026-
27/M&E

Brief Description of Goods : Purchase of High END Surgical Drill
System with Attachment - 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-92/SO(DO)/ENT/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 High END Surgical Drill System with Attachment	02 Nos.	INR Rs. 3,60,000/-

CRITICAL DATE SHEET

Published Date & Time	08-10-2026 at 04.00 pm
Bid Document Download/Sale Start Date	08-10-2026 at 04.00 pm
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Section – VII
TECHNICAL SPECIFICATION AND GENERAL POINTS



DEPARTMENT OF OTORHINOLARYNGOLOGY AND HEAD-NECK SURGERY (ENT)
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, ANSARI NAGAR, DELHI-29

Item Name: High END Surgical Drill system with Attachment	
Qty: 02 Nos.	
Warranty Guarantee: 2 Years Warranty with 02 year consumable +8 Years CAMC	
A	Universal Console-01 No
1	It should be a multispecialty console with provision to attach multiple handpieces such as ENT High speed drill and Small bone Saws
2	It should have touchscreen capability with color display feature.
3	Should have the provision to attach 2 hand pieces simultaneously and should be able to select any one handpiece by a click of the footswitch/console.
4	Power Supply should be 220- 240V only 50-60Hz.
5	It should identify different hand pieces with display on console.
6	It should be programmable as per surgeon preference.
7	It should have function of controlling brightness; contrast and alarms on the console
8	It should have the option of controlling the speeds and features of the different types of hand pieces from the same unit.
9	Console should offer change from variable/fixed mode, forward/reverse mode.
10	Should have option to save surgeon preferred setting inside the console with name.
B	Foot Switch-01 Nos
1	Should be bi-directional footswitch
2	Should have fully programmable footswitch as user needs
3	Users should be able to control following functions via footswitch: Forward/Reverse, Increase/Decrease the speed.
C	Micromotor Drill with Attachment(Straight)- 01 No
1	Have ergonomic design for better grip and should have design to prevent wire/ tubing entanglement.
2	Drill must be useful for Lateral skull base surgery/ Otology procedures
3	The system should have electric motor which has maximum stall torque more than 40 mNM
4	Motor should run speed of 70000 RPM or beyond
5	Weight of the drill should be less than 100 grams
6	Handpiece should have quick release and lock system for tools and attachment
7	Have ergonomic design for better grip and should have design to prevent wire/ tubing entanglement.
8	Drill must be useful for Lateral skull base surgery/ Otology procedures
D	Oscillating saw – 01 No
1	Should run atleast CPM of 20000 cpm
2	Weight of the handpiece should be less than 250 gram
3	Should be able to connect with hand switch

E	Reciprocating saw- 02 No			
1	Weight of the handpiece should be less than 250 gram			
2	Should be able to connect with hand switch.			
3	Should run at CPM atleast 14000 cpm			
F	Sagittal Saw – 02 No			
1	Should run at CPM atleast 25000 cpm			
2	Weight of the handpiece should be less than 250 gram			
3	Should be able to connect with hand switch			
G	CONNECTING CORD- 02 No			
1	Should be supplied with cord used to connect micro drill, sagittal saw, oscillating saw and reciprocating saw to console			
2	Length of cord should be up to 12 ft.			
H	Consumables			
			Per Month	Per Year
1	Reciprocating Blade		15	180
2	Oscillating Blade		7	84
3	Sagittal Blade		7	84
4	Carbide Cutting burs diameter 7.5 to 8.5mm		1	12
5	Carbide Cutting burs diameter 4.5 to 5.5mm		1	12
6	Carbide Cutting burs diameter 2.5 to 3.5mm		1	12
7	Diamond burs diameter 7.5 to 8.5mm		1	12
8	Diamond burs diameter 4.5 to 5.5mm		1	12
9	Diamond burs diameter 2.5 to 3.5mm		1	12
10	Lubricant Oil		2	24
11	Cleaning Oil		2	24
I	CAMC and warranty includes everything except consumables mention at “H”			
J	Company should quote the price of all Consumables like all types of Burrs, Blades, Lubricant Oil, Cleaning Spray and Accessory Like Handpieces, cable and price of all (Consumables & Accessory) should be freeze till the life cycle of the equipment.			
K	Physical Demo is must at our premises.			
L	The Principle/Supplier should maintain and support the system for upcoming 10 years (warrenty + CAMC) if the existing system or any other part are obsolete or unrepairable then principle/supplier upgrade/Replace it without any additional cost.			
M	All equipment's should be from the same manufacturer			
N	System should be fully functional with all necessary software and hardware.			
O	If the Maintenance contractor may have to take the goods or some components of the goods to his factory for repair on such occasion before handing the overs or component the contractor gives loaner to the department.			
P	After sales services centre should be available at the city of institution on 24 (hrs) X7 (days) X 365 (Days) basis. Complaints should be attended properly, maximum within 8 hrs. The service should be provided			

	directly by bidder/Indian Agent. Undertaking by the Principals in the "Manufacturer Authorization Form" that the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.
P	On site training to Doctors/Technicians/staff is to be provided by Principal/Indian Agents for operation and maintenance of the equipment to the satisfaction of the department.
Q	During the warranty period and CAMC period, desired Uptime of 95% of 365/366(Leap Year) days (24 Hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by twice the time period. In addition a penalty equal off 0.25% of the total cost of equipment per day will be liveable for the excess downtime period. Complaints should be attended properly maximum within 8hrs.
R	All software upgradation should be provided free of cost during Comprehensive Warranty Period.
