ALL INDIA INSTITUTE OF MEDICAL SCIENCS
ANSARI NAGAR, NEW DELHI-110029

Dated 23.10.2026

The First Secretary
Embassy of India
France

Subject: Advertisement for Purchase installation & commissioning of following equipment for AIIMS, Campus, New Delhi, INDIA

Dear Sir,

As per OM dated 14/03/2022 issued by Competent Authority, AIIMS, 'Global Tender' for equipment are Various equipment are being floated with view to avail the possibility of purchasing the latest model available in the International Market. In order to ensure that Global Tenders receive widest possible publicity in the International Market, and to create a good competition, I am directed to approach you to kindly arrange the publication of this tender in some of the leading National Dailies in the country/area of your operations and for the sale of the tenders through your good offices on our behalf there. Soft copy of Tender enquiry document are available on website: www.aiims.edu, www.aiims.ac.in, & www.tenders.gov.in for further details of these tenders:

Sl. No.	Tender Number	Item Name		EMD in INR
1.	XX-102/SO(DO)/G.I.S./2026-27/M&E	Video Endoscope Systems for Laparoscopic Surgery	As per specs.	5,40,000/-
2.	XX-103/SO(DO)/TII/2026-27/M&E	Multiplex Suspension Array System (500 Plex)	As per specs.	3,00,000/-
3.	XX-105/SO(DO)/Ortho/2026-27/M&E	Advanced material surgical instruments	As per specs.	52,000/-
4.	XX-106/SO(DO)/Pead./2026-27/M&E	Advanced Video EEG Machine	As per specs.	1,20,000/-

Earnest Money Deposit/ Bid Security should be submitted mentioned as above (payable in favour of "AIIMS MAIN GRANT", AIIMS., New Delhi. The Bid Security is refundable after finalization of the tender. Furthers, it is requested that suitable advertisement may kindly be arranged at your end.

Yours Sincerely.

(MANOHAR ARYA)
Sr. Stores Officer (DO)

Encl: As above.

ALL INDIA INSTITUTE OF MEDICAL SCIENCES,

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

ANSARI NAGAR, NEW DELHI-110 029, INDIA

TENDER ENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipments)

Advertised Tender Enquiry No.: XX-102/SO(DO)/G.I. Surgery/2026-27/M&E

Brief Description of Goods : **Purchase of Video Endoscope Systems for Laparoscopic Surgery – 03 Sets.**

SECTION-I

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

TENDER ENQUIRY DOCUMENTS (TED)

Advertised Tender Enquiry No : **XX-102/SO(DO)/G.I. Surgery/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 Video Endoscope Systems for Laparoscopic Surgery	**03 Sets**	**INR Rs. 5,40,000/-**

CRITICAL DATE SHEET

Published Date & Time	*19-10-2026* at 04.00 pm
Bid Document Download/Sale Start Date	*19-10-2026* at 04.00 pm
Seek Clarification Start Date	*19-10-2026* at 04.00 pm
Seek Clarification End Date	*26-10-2026* at 04.00 pm
Pre Bid Meeting	*27-10-2026 at 11:00 am*
Pre Bid Meeting Place & Address	*Room No. 1005 1st Floor P.C. Block Department of G.I. Surgery, AIIMS New Delhi*
Bid Submission Start Date & Time	*06-11-2026* at 04.00 pm
Bid Submission End Date & Time	*19-11-2026* (Monday) at 03.00 pm
Bid Opening Date & Time	*20-11-2026* (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

Technical Specifications for Video Endoscope Systems for Laparoscopic Surgery (03 Sets)

Set consists of

1. CMOS Full High definition Endoscopic camera system with camera head – One
2. HD recorder cum digital documentation system for high definition recording and data archiving – One
3. Medical grade 27" or more (diagonal) LED high definition monitor – Two
4. Light source with 2 fiber optic cable – One
5. Telescopes – Five
6. High flow, 40 liters or above, CO_2 Gas insufflation unit with heated gas option - One
7. Smoke evacuation system – One
8. Original manufacturer Endoscopic Trolley – Two

Specifications

1. CMOS Full High Definition Camera System with Camera Head – One
   a) The system should have true Digital HDTV, high definition endoscopic video camera. The system should consist of camera with progressive scan, 3-chip-endoscopic video camera to ensure distortion-free imaging right into the corners.
   b) The system should consist of one camera control unit/console and one camera head.
   c) The system should have minimum of 1020 X 1080 pixels native resolution with progressive scan technology both on camera head and console.
   d) It should be compatible with aspect ratio of 169:9 formats for input & Output to guarantee genuine HDTV.
   e) The system should have facility of digital Zoom lens to enhance the quality of Image size & cross specialty usage of the camera system, regardless of the telescope used.
   f) USB Port for capturing Full HD Videos/HD Stills in External USB drive and direct interface of USB Printer to facilitate direct printouts - optional.
   g) System should have facility of controlling additional equipments like light source/insufflators/recording device from the camera head.
   h) Modular design:Digital Full HD camera module.
   i) Preoperative set up of endovision should be simple and fast.
   j) Should have integrated gain/shutter/enhancement with automatic brightness control.
   k) The system Settings, Color Tone, Color Mode, Contrast, enhancement etc. should be held in memory even after video system processor is switched OFF.
   l) Should provide One-touch Auto Focus Function and white balance-OPTIONAL

m) Should be immersible in disinfectant solution and sterilization through ETO&Sterrad.

Specifications (of camera system):

a) Image sensor: 3 x 1/3"CCD-Chip/CMOS.
b) Pixels: Minimum of 1920 x 1080

c) AGC: Microprocessor controlled
d) Lens: Integrated Zoom Lens f = 15-31 mm (2x digital zoom)
e) Control buttons: 3 (freely programmable)
f) System should have all high definition video outputs
g) 2 or more USB connection - optional

h) Input: Keyboard / touch screen input for character generator.
i) Power Supply: 100-240 VAC 50/60 Hz

2. HD recorder cum digital documentation system for Full HD Image/Video Recording and data archiving System– One (Certified to be used in OT)
   a) State of the art, full high definition recording system.
   b) The captured full high definition images and videos can be assessed from the hard drive for printing or saving onto multiple forms of external media which includes CD/DVD, USB Flash drive, and hospital network
   c) User friendly work flow in built in Medical grade unit and compact design
   d) Captures still images and video in 2D full HD or 3D (with optional 3D camera system).
   e) Parallel (synchronic or independent) recording of 2 image sources
   f) Should be real time, MPEG 2HD MPEG 4, 1 or 2 compression engine. Resolution still images: Minimum of 1920x1080, Aspect ratio 16:9.
   g) Resolution videos: Minimum of1920x1080, Progressive Scan for 25/30 frames.
   h) Storage location is freely definable
   i) Controllable by camera head buttons/touch screen/ mouse/ keyboard
   j) Import of patient data via keyboard or DICOM work list/touch screen
   k) Basic function for editing of still images and videos.
   l) Playback of 2D and 3D content on separate monitor (optional 3D-system required)
   m) Integrated file-viewer for still images, videos and checklists from diverse data sources.
   n) Integrated security software as a protection against malware, independent from security patches of the operating system and it is only possible to run certified software.
   o) Low noise generation and fast system start
   p) Should have seamless USB silicone keyboard with touch pad/ touch screen to enter details
   q) Controllable via inbuilt touch screen 7 inch or more
   r) Structured and clear user guidance, optimized for touch screen control.
   s) Can be installed on Cart with single screen (no additional screen required)
   t) Video signal inputs: System should have all high definition video output and input

u) Video Out: DVI-I Dual link
v) Video output resolution: 1920x1080, 1280x1024, 1280x720, 1024x768, 800x600, 640x480
w) Color system: PAL, NTSC
x) Image format: BMP, JPG, JPG 2000,TIFF,
y) Video format: MPEG-4/MPEG-2/MOV.
z) Connectors: 1 x 1 GB Ethernet
aa) Internal hard drive: 1TB or more, Extra memory of 2 TB to be provided also)
bb) Automatic storage in the background to reduce the time between the interventions. Easy management and overview of open/automatic save process
cc) Should have, DVD-R, DVD+R, DVD + RW disc recording formats
dd) Control options:
    - Wireless infra-red remote control/ touch screen control
    - Camera head triggering remote control (optional)
    - Touch control panel for patient information and devise management inbuilt on screen
    - On-console LCD touch screen control
ee) Patient data: Saved as .txt file and / or in EXIF format- optional
ff) Power supply: 100/240 VAC, 50/60 Hz
gg) Power output: 350 watts

3. High Definition Medical Grade Monitor - Two
   a) The monitor should be 27-inch or more (diagonal)LED flat panel HD Color monitor (Medical Grade) with suspension to support:
   b) HDTV display in original 16: 9 HDTV format.
   c) 1080 p/ 50 & 1080 p/60 displays possible.
   d) LED crystal display.
   e) Resolution of 1920X1080 in progressive scan technology
   f) Should have the facility of PIP mode, POP (Picture on picture), PBP (Picture by picture)- optional
   g) Minimum 27inches or more medical grade HD monitors for adequate projection. The monitor should be mounted on suitable good quality pedestal or trolley to hold them safe and will be responsibility of vendor
   h) System should have all high definition video output
   i) Output from monitor compatible with high definition

Specifications (of monitor)
   a) HD TFT Flat Screen Monitor with stand size 27",
   b) Aspect Ratio 16:9 HD format
   c) Brightness : 500 cd/m2
   d) Maximum viewing angle : 178° vertical
   e) Contrast ratio: 1400 : 1
   f) Reaction Time – 8ms-16 ms
   g) Rated power : 115 watts
   h) Power Supply 100-240 VAC
   i) Accessories External 24VDC Power Supply, Mains Cord, Pedestal.
   j) Monitor should preferably run on AC (without DC adapter) 100V ~ 240V, 50/60Hz.

k) Should provide cable to connect two monitor with HD output- at least length of 200 cm

4. Light Source – One (with 3 Fiber optic cable)
   a) It should be an LED based light source.
   b) It should have standby mode which will reduce light output to minimum, preventing light cable from generating excessive heat
   c) Light source life of 30000 or more hour or equitant number of bulbs should be provided
   d) It should comply with medical safety standards, increased patient safety and added protection in OR with safelight technology
   e) It should comply with Medical EMC standards: IEC 60601-1-1-2: 2001 , Class 1 Equipment
   f) Universal jaw assembly to adopt any make of fiber optic cable.
   g) Light Outlets – 1
   h) Light Intensity Adjustment: automatically adjusts light intensity to achieve ideal illumination by cameras video output signal.
   i) Should be supplied with 2 fiber optic cable with Diameter >4.0mm, Length 300cm.
   j) Backlit front panel indicators.
   k) Light Guide Cable, Must be Autoclavable: (Should have following specifications)
      - High Resistance protection tube.
      - Reduced diameter with high fiber density.
      - Small bending radius for comfortable use.
      - Should be ROHS compliant

5. Telescopes - five
   a) Fully Autoclavable
      - Forward-Oblique Telescope 30°, diameter 10 mm, length 29-36 cm, enlarged view – two
      - Forward-Oblique Telescope 30°, diameter 5mm, length 30-36 cm, enlarged view – one
      - Forward-Oblique Telescope 30°, diameter 10 mm, length 40-45 cm, enlarged view – one
      - Forward-Oblique Telescope 0 - 90°, diameter 10 mm, length 30-36 cm, enlarged view – one
   b) Should be autoclavable, fiber optic light transmission incorporated
   c) Wide angled distortion free view
   d) Fog free and focus free.
   e) Homogenous Light distribution in the peripheral region
   f) Eyepiece type connection – for uniform compatibility.
   g) Equipped with universal adaptor for other light source and light cables

6. Gas Insufflation Unit with heated gas option- High flow Carbon dioxide 40litres and above - One
   - High degree of patient safety
   - Easy to use, microprocessor controlled and software driven for real time pressure measurement
   - Clear, adjacent display for set value and actual value allow easy monitoring of insufflation process

- Touch keys for precise pre-selection of set values
- Optical and acoustic warning signals in the event of patient overpressure
- Can be control with camera head, it makes operating for the surgeon a highly ergonomic and pleasant working experience - optional
- Fully automatic, electronically controlled gas refill (e.g. in case of gas loss when changing instruments)
- Safety – constant monitoring of Intra-abdominal pressure; any overpressure is reduced immediately - automatically
- Should have High Pressure Hose, American connection / pin-Index connection (CO2), length should be atleast 100 cm
- CO2-Bottle(5-10liter), empty with pin-index connection -
- Integrated gas heating for controlled heated and humidified CO_2 delivery

Specifications of Insufflator system

- Gas flow: 40ltrs/minute or above with LCD display with touch interface
- Pressure: 0-30mmHg
- Intra-abdominal pressure gauge: 0-50 mmHg
- Soft approach pressure control for safe recovery of abdominal pressure
- Four mode and visual and audible alarms with min 0.1L flow rate
- Power supply: 100-240 VAC (50/60 Hz)
- Internal leakage detection capability
- Unit should include: Hose and Yoke, heated tubing, tube set adaptor and patient tubing- set of 4
- Should have touch screen control

7. Endoscopic Trolley – two

- Equipment Cart rides on 4 antistatic dual wheels equipped with locking brakes, central beam with integrated electrical sub distributors with 6 sockets, grounding plugs
- Should have central monitor holder to mount monitor with height adjustable, swiveling and tilting, loading capacity max. 18 kg, with monitor
- Cart should be compatible to accommodate followings when required,
- At least 4 more or more shelvesand can hold suction and irrigation bottle
- Isolation transformer
- Counter balance plate
- CO2 cylinder holder
- Monitor holding arms (lateral)
- Cart should be from the same manufacturer as the endovision system.

Suction and Irrigation Device

Suction and irrigation system along with accessories for Laparoscopy use. It should have suction bottle with overflow protection.

Technical specifications:

- Irrigation: - Pressure non-regulated - Max. 400 mmHg (53.2 kPa)
- Suction: - Non-regulated- Max. (-) 0.75 bar (-75 kPa)
- Power supply: 230-240 VAC (50/60Hz)
- Operating voltage 100-240 VAC, 50/60 HZ
- Dimensions: Approximately 300 x 100 x 260 mm to 320x 120x275 mm (w x h x d)
- Weight: 5 kg Approx.
- Certified to: IEC 601 –1 CE label according to MDD
- The unit should be supplied with suction glass bottle with capacity of 2- 5 Litre with bottle cap and stand
- The unit should be supplied with 2- 5Litre irrigation bottle sterilizable in autoclave with bottle cap attachment to connect tubing.
- The unit should be supplied with reusable irrigation and suction silicon tubing set - 3 Nos.
- Suction and Irrigation Tube -Should be anti-reflex surface with two-way stopcock, for single hand control, size 5 mm and 10 mm, length 43 cm.
- Suction irrigation system should be from the same manufacturer.
- This system should be of good quality and USFDA/European CE/ BIS certified

Hand Instruments (Re-Usable)

- Instruments should be compatible with all standard laparoscopic main equipment.

A. VERESS Pneumo peritoneum Needle with spring loaded blunt stylet, LEUR-lock, length 12-15 cm – 2(Two)
B. KELLY Dissecting and Gasping Forceps, rotating with connector pin for Unipolar coagulation and cleaning port, size 5 mm, length 33-36 cm, long, double action jaws, consisting of Plastic Handle, without ratchet, Outer Tube insulated with detachable insert. - 2 (Two)
C. Curved bowel Grasping Forceps: Three piece dismantling, insulated laparoscopic autoclavable bowel Grasping Forceps, 360 degree rotational sheath, size 5 mm, length 33- 36 cm, long jaws, single action jaws, curved. ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, should have outer sheath CM marking , luer lock connector for cleaning – Two
D. Bowel Grasping Forceps - short jaws, fenestrated: Three piece dismantling insulated laparoscopic autoclavable bowel Grasping Forceps ,short jaws, fenestrated , 360 degree rotational sheath, size 5 mm, length 33-36 cm, double action jaws, ergonomic metal handle with plastic finger rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, should have outer sheath CM marking , luer lock connector for cleaning – Two
E. Curved METZENBAUM Scissors: Three piece dismantling laparoscopic insulated, autoclavable Curved METZENBAUM Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm. length 33- 36 cm, double action jaws, curved , length of jaws 15mm , with

ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, luer lock connector for cleaning – Two

F. **MANHES Grasping Forceps:** Three piece dismantling laparoscopic insulated, autoclavable MANHES Grasping Forceps with hemostatic style ratchet, Tiger Jaws, 2X4 teeth, 360 degree rotational sheath, size 5 mm, length 33-36 cm , long, double action jaws, with ergonomic Metal Handle with Plastic Ring with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, luer lock connector for cleaning - one

G. **BABCOCK Grasping Forceps:** Three piece dismantling laparoscopic insulated, autoclavable BABCOCK Grasping Forceps with Manhes style ratchet, Atraumatic, double action jaws , fenestrated, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 33-36 cm, long, , with ergonomic Metal Handel with Plastic Ring with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, luer lock connector for cleaning- Two

H. **Fundus Grasping Forceps:** Three piece dismantling laparoscopic insulated, autoclavable Fundus Grasping Forcep, Atraumatic , fenestrated ,double action jaws ,with connector pin for unipolar coagulation, 360 degree rotational sheath, size 5 mm, length 33-36 cm long, , with ergonomic metal handle with plastic rings with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, luer lock connector for cleaning - Two

I. **Coagulating and Dissecting-Electrode L-tip:** Should be autoclavable, ergonomic handling, size 5 mm, length 33-36 cm long with connector pin for unipolar coagulation-Two

J. **Coagulating and Dissecting-Electrode spatula shaped:** Should be autoclavable, ergonomic handling, size 5 mm, length 33-36 cm with connector pin for unipolar coagulation–two

K. **Macro needle holder with tungsten carbide insert - Straight handle:** Should be ergonomic straight handle, with disengage able ratchet,ratchet position right, jaw curved to left, size: 5mm, length: length 33-36 cm -Two

L. **Gall bladder extractor (claw jaw forceps) 10 mm, 33-36 cm – Two**

M. **Stone holding forceps (spoon forceps) 10mm, 33-36 cm – One**

N. **Laparoscopic Bipolar Forceps**

a. Three piece laparoscopic Bipolar Coagulating Grasping Forceps with overload tissue protection, , Wide jaws, with connector pin for bipolar coagulation, 360 degree rotational sheath, size 5 mm, length 33-36 cm, long, single action jaws, ergonomic Plastic handle with larger contact area, can be dismantled with the press of a button – one

b. Three piece laparoscopic Bipolar KELLY Dissecting & Grasping Forceps with overload tissue protection, , Wide jaws, with connector pin for bipolar coagulation, 360 degree rotational sheath, size 5 mm, length 33-36 cm, long, single action jaws, ergonomic Plastic handle with larger contact area, can be dismantled with the press of a button –Two

c. Three piece laparoscopic Bipolar Coagulating Scissors with overload tissue protection, with connector pin for bipolar coagulation, 360 degree

rotational sheeth, size 5 mm, length 33-36 cm, long, single action jaws, ergonomic Plastic handle with larger contact area, can be dismantled with the press of a button – one

O. Bipolar HF Connecting Cable- Six

P. Aspiration needle: Should be WITH LUER LOCK, 5 mm 43cm- Two
Q. Monopolar HF Connecting Cable- six

Cleaning, Sterilization and Storage accessories

a. Silicone Oil-50 ml bottle- 10
b. Oil dropper(lubricator) pen - 2
c. Cleaning brush, length >50cm -5
d. Plastic container for cleaning and chemical disinfection, minimum dimensions, length 60 cm, width 30 cms and height 20 cms consisting of Soak basin, perforated storage tray and the lid – 2(two)
e. Covering case for camera head and cord -1(One)
f. Standard tables for recording devices -1 (One)

Note: More than 90% of the unit to be supplied by single manufacturer.

GENERAL TERMS AND CONDITIONS

1. Warranty: 2 years after installation. Warranty should cover all the equipments /parts thereof supplied.
2. CMC : 8 years after expiry of warranty
3. All equipments and instruments should be US FDA/European CE/BIS Certified & cdsco
4. Product should have IEC safety standards where ever listed
5. The Core Operating Laparoscopic equipments like telescopes, HD endo vision camera, Light source, CO2 insufflators, and HD recorder cum digital documentation system for high definition recording and data archiving must be from the principle equipment manufacturer .
6. Functional demonstration of equipment for the end user (The department) is necessary if required. The equipment may need to be kept in the department for two weeks
7. Foreign manufacturers offering their products through their subsidiary/agents should have their service centre in India with repair facility and availability of spare parts in their service centre (List of Spare part stock to be enclosed with technical bid without prices)
8. The company should provide complete address and details of Service center along with details of technical personnel and their experience.
9. The instruments should have company name (original manufacturer) and place of manufacture engraved with catalog number on all instruments
10. Company shall be liable to be penalized for any incorrect information
11. Should be supplied with all accessories, cables, connections with gas tubing's to integrate with the existing systems in the OR at AIIMS, New Delhi in duplicate
12. The camera and camera head has to be integrated with existing recording system in the OR at AIIMS, New Delhi for HD output to the recording systems with all required cables and connections for the camera head, camera and the recording systems.
13. Vendor needs to supply all standard accessories which are essentioal for working of equipment and to be quoted in standard offer
14. The cost of accessories should be quoted separately. The quoted price will be fixed for a period of 5 years

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ALL INDIA INSTITUTE OF MEDICAL SCIENCES,

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

ANSARI NAGAR, NEW DELHI-110 029, INDIA

TENDER ENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipments)

Advertised Tender Enquiry No.: XX-103/SO(DO)/TII/2026-27/M&E

Brief Description of Goods : **Purchase of Multiplex Suspension Array System (500 Plex) – 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-103/SO(DO)/TII/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 Multiplex Suspension Array System (500 Plex)	01 No.	INR Rs. 3,00,000/-

CRITICAL DATE SHEET

Published Date & Time	*21-10-2026* at 04.00 pm
Bid Document Download/Sale Start Date	*21-10-2026* at 04.00 pm
Seek Clarification Start Date	*21-10-2026* at 04.00 pm
Seek Clarification End Date	*27-10-2026* at 04.00 pm
Pre Bid Meeting	*28-10-2026* at 03.00 pm
Pre Bid Meeting Place & Address	*HOD Office, Room no-75 (HLA LAB), Department of TII, AIIMS, New Delhi.*
Bid Submission Start Date & Time	*07-11-2026* at 01.00 pm
Bid Submission End Date & Time	*23-11-2026* (Monday) at 03.00 pm
Bid Opening Date & Time	*24-11-2026* (Tuesday) at 03.00 pm

Instructions:

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

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Section – VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Department of Transplant Immunology & Immunogenetics
All India Institute of Medical Sciences
New Delhi – 110 029

Specifications for Multiplex Suspension Array System – 1 no.

1. System should be IVD/USFDA certified fluorescent microsphere based multiplexing and detection array system capable of simultaneously detecting upto500 or more analytes on 500 or more unique microspheres in a single well.
2. System should be able to run bioassay on multiple formats including HLA testing, nucleic acid assays, receptor-ligand assays, immunoassays, enzymatic assays, Protein assays, detection of secreted biomolecules like Chemokines, Cytokines etc.
3. System should startup in under 45 min. (including laser warmup).
4. System should have inbuilt heater to maintain sample temperature within 35-60°C±2°C.
5. System should be compatible with 96 and 384 well plate format with automatic sampling and a max runtime of ≤ 20 minutes for 96 wells.
6. System should have automatic sample probe adjustment and a variable sampling volume between 10 - 200uL.
7. System should have microsphere misclassification NOT exceeding 2%.
8. System should have a sample injection rate of 2.0uL/sec or faster with an accuracy of ±5%.
9. System should have a Reporter channel dynamic range: ≥4.5 logs
10. System should be a dual laser system with separate reporter laser (532nm) and classification laser (638nm) for microsphere and analyte detection.
11. System should be supplied with compatible PC/workstation from source with minimum specification as below:

    PC Specifications:

    - Processor: 3.00 GHz Intel Core i5 or higher.
    - Main memory: 8.0 GB RAM or higher.
    - Hard disk drive: 1000 GB (1.0 TB) or more.
    - Optical Drive: DVD R/W type drive.
    - Two-button scroll mouse.
    - Ports Required:
        a) 1x USB 3.1 Type-C
        b) 5x USB 3.1 Type-A
        c) 4x USB 2.0 Type-A
        d) 2x Display ports
        e) 1x VGA port
    - Operating system: English (US) Microsoft Windows 10/11 Professional 64-bit (latest version).
    - Monitor : 19" LED Flat panel monitor with a min. resolution of 1280x1024 and higher.
    - Colour laser printer (min. 25ppm Black/25pm colour).
    - PC and other peripherals should be CE marked and UL listed.
    - 3.0KVA online UPS with 45minutes backup or better and with internal batteries.

12. System should come preinstalled with xPONENT v4.3 or latest (with license details and installation media) and should conform to USFDA 21 CFR part 11.

The following software modules must be included:

a) LIS connectivity module
b) Automatic connectivity Module
c) Security Module
d) 21 CFR Part 11 Module

13. System should operate on 220-240V 50/60Hz and be supplied with power cords for Indian power outlets.
14. System should be supplied with kits including calibration and verification kits (3nos. each) and sheath fluid (10 boxes) free of cost.
15. The vendor must have a dedicated technical service and support setup in India and provide bi-annual preventive maintenance to maintain an uptime of 95% or more. Preventive maintenance kit as per the schedule of maintenance should be provided free of cost.
16. All service calls must be attended within 24 hrs. Any delay/excess time taken and downtime will be recorded and added to Warranty/CAMC period.
17. Vendor should be should be able to supply all manufacturer and OEM software, xMAP microspheres, system calibration and verification Kit, reagents required to run the equipment and all spare parts as and when required for equipment running, maintenance and quality control.
18. Rate contract for ten years (equipment lifecycle) for all consumables, non-consumables and spares required for running and maintenance of the equipment.
19. Vendor should be able to provide application support for all panels mentioned above for diagnostics and research purposes.
20. System should be quoted with 2 years complete cover warranty and further 8 years CAMC (including all spares, hardware and consumable parts) as per AIIMS norms.

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ALL INDIA INSTITUTE OF MEDICAL SCIENCES,

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

ANSARI NAGAR, NEW DELHI-110 029, INDIA

TENDER ENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipments)

Advertised Tender Enquiry No.: XX-105/SO(DO)/Ortho/2026-27/M&E

Brief Description of Goods : **Purchase of Advanced Material Surgical Instruments – 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-105/SO(DO)/Ortho/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 Advanced Material Surgical Instruments	01 No.	INR Rs. 52,000/-

CRITICAL DATE SHEET

Published Date & Time	22-10-2025 at 04.00 pm
Bid Document Download/Sale Start Date	22-10-2025 at 04.00 pm
Seek Clarification Start Date	22-10-2025 at 04.00 pm
Seek Clarification End Date	29-10-2025 at 04.00 pm
Pre Bid Meeting	*NA*
Pre Bid Meeting Place & Address	*NA*
Bid Submission Start Date & Time	05-11-2025 at 04.00 pm
Bid Submission End Date & Time	23-11-2025 (Monday) at 03.00 pm
Bid Opening Date & Time	24-11-2025 (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

Advanced Material Surgical Instruments

1. The specifications are for advanced material surgical instruments which are different kinds of metz scissors.
2. The Scissors should have Nickel Based Tungsten Carbide inserts with a Microtome Edge at the blades to facilitate gentle cutting of tissue with minimum use of force.
3. The scissors should have ceramic coating to ensure high resistance against any wear & tear and corrosion and as also to prevent the glare of the OT Lights during surgery.
4. The blades should have wave cut to permit smooth dissection even in very delicate tissue structures.
5. Each instrument should have data matrix/bar code
6. Company should have European CE certificates with 4 digits notifying body, identification number of USFDA certificate of international standards or BIS certification
7. Company name and catalogue/article number engraved on each instrument
8. Physical demonstration of scissors is mandatory for technical evaluation after fulfilling the pre-qualification criteria
9. The bidder must enclose original literature

Dissecting Scissor with TC inserts and Ceramic coating

Sr. No.	Description	Qty.
1.	Baby – Metz Scissors Curved 145 mm, 5 ¾ inches	Ten Nos.
2.	Metzenbaum Scissors del Curved 180 mm, 7 inches	Ten Nos.
3.	Nelson – Metz Scissors curved 230 mm, 9 inches	Ten Nos.
4.	Nelson – Metz Scissors Curved 260 mm, 11 inches	Five Nos.

Warranty & CAMC: 2 year +6 year.

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ALL INDIA INSTITUTE OF MEDICAL SCIENCES,

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

ANSARI NAGAR, NEW DELHI-110 029, INDIA

TENDER ENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipments)

Advertised Tender Enquiry No.: XX-106/SO(DO)/Pead./2026-27/M&E

Brief Description of Goods : **Purchase of Advanced Video EEG Machine – 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-106/SO(DO)/Pediatric/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 Advanced Video EEG Machine	01 No.	INR Rs. 1,20,000/-

CRITICAL DATE SHEET

Published Date & Time	*23-10-2026* at 04.00 pm
Bid Document Download/Sale Start Date	*23-10-2026* at 04.00 pm
Seek Clarification Start Date	*23-10-2026* at 04.00 pm
Seek Clarification End Date	*28-10-2026* at 04.00 pm
Pre Bid Meeting	*29-10-2026* at 01.30 pm
Pre Bid Meeting Place & Address	*Room No 837, 8th Floor, Department of Pediatrics, Mother and Child Block, AIIMS New Delhi.*
Bid Submission Start Date & Time	*09-11-2026* at 04.00 pm
Bid Submission End Date & Time	*23-11-2026* (Monday) at 03.00 pm
Bid Opening Date & Time	*24-11-2026* (Tuesday) at 03.00 am

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.

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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

DEPARTMENT OF PEDIATRICS
ALL INDIA INSTITUTE OF MEDICAL SCIENCES

Item Name	Advanced Video Electroencephalography Monitoring System with Camera for presurgical evaluationx 1
Quantity	1 (One)
Warranty/Guarantee: Two years comprehensive warranty with all spares and labor charges and comprehensive CAMC for next Eight years	

Technical Specification for Advanced Video Electroencephalography Monitoring System with Camera x 1

1. Capable of recording at least 32 channel EEG (24 Monopolar + 4 Bi-polar + 4 DC Channel).
2. Should have at least 1 synchronized ECG channel;bilateral EOG channels for eye movements/artifact identification.
3. Programmable sample rate should be 512 hz or more..
4. Storage rate of system should be 250 to 2000 Hz.
5. Data should be transferable into a laptop/ desktop (with a hard disk capacity of atleast 500 GB)
6. The system must be powered by commonly available USB/DC/AC sourced for not to lose the data acquired and continuation of acquisition of subject without interruption.
7. Provision for marking events along with EEG recordings using Keyboard/mouse
8. Should have internal battery with WIFI data transfer facility
9. Complete programmable control of montage selection, acquisition sensitivity, filter settings, photic stimulator sequences, inbuilt impedance check etc.
10. Provision for hard copy output of recordings on a laser printer of 600 dpi resolution.
11. Should have facility for User definable events and preferred recording and review settings such as amplifier set-ups, event palettes and views to be saved as specific user protocols.
12. Should have the facility for simultaneous acquisition and review of same record.
13. Should have provision for notch (line) filter.
14. CMRR of amplifiers should be greater than 110 dB
15. ADC resolution should be atleast16 bits for best quality digital signal
16. The equipment should incorporate features like full optical isolation, anti-cautery devices and should confirm to international standards with certification authorities.
17. Very light weight not more than 1200 gm for the wearable components (system carry bag and a belt to fix it around the abdomen) by subjects/ patients.
18. The complete unit must be supplied with EEG consumables(five sets of 32 electrodes, 20 jars of conductive 10-20 paste or equivalent)
19. 32 channel compact and light weight amplifier.
20. Multichannel solid-state differential amplifier with patient isolation/isolation amplifier stage and appropriate EEG input impedance.

The amplifier should have Ethernet/USB technology.

21. The channels should be sampled upto 1000 Hz simultaneously and to be stored at programmable rates of up to 1024Hz.

22. The system should have (Branded Desktop) Intel Core i7 processor with 4GB RAM, network card, multimedia speakers, mouse, keyboard, minimum 2-TB hard disk for storage, DVD Writer, Laser Color Printer and Trolley.
23. Facility for exporting data using the software for review on any PC with any additional software.
24. Should have facility to prune recordings to store only sections of interesting records.
25. Should allow comparing the same event in a different "N" number of montages in both recording and review mode.
26. Should allow to view at least 4 epochs in a single screen
27. Camera Should allow to focus both body and face in both recording and review mode
28. EEG, video and audio must have precise common time synchronization.
29. At least 200 GB/week per recording unit as a guideline-level minimum; size should be increased substantially for high-resolution/two-camera systems.
30. There should be provision of two event markers ideally for marking the recording either by patient or attendant.
31. Should have facility of reviewing the EEG recording Live/Recorded at the place within 100 meters (different floor) other than the acquisition station. (wired review station with LAN connectivity) (Review Station to be provided as a Desktop PC: similar to Acquisition station)
32. Report generation to be customizable and in MS word format.
33. The test information database software should include information of patient database, resource scheduler and it should be customizable according to the end user.
34. The system should provide advanced EEG source-localization capability, including distributed source imaging (eLORETA/sLORETA or equivalent), equivalent current dipole modeling, 3-D cortical/MRI coregistration, and quantitative analysis of interictal and ictal EEG activity. It should be Equipped with software analysis options like semi-automated spike detection (template- based spike search)

    a. Supplied with Software based ictal and interictal EEG analysis with source localization, including propogation patterns; multimodal integration incorporating source localization on brain MRI.
    b. Event related potential analysis.
    c. Quantitative EEG analysis
    d. Spectral and connectivity analysis
    e. Allow for application of advanced statistical measures in EEG studies
    f. Should allow MRI/PET/SPECT coregistration
    g. Should be provided with a pulse oximeter (it should be calibration free and preferably be inbuilt in amplifier, the corresponding software should have should have provision for both pulse and Spo2 channels, there should be separate neonate and pediatric size probes)

35. Equipment should be European CE with four digit notified body number or US FDA or BIS approved for the quoted model and certificate to be submitted. OR
36. Should meet IEC 60601-1, IEC 60601-1-2 & IEC 80601-2-26 standards and should submit valid test report for the quoted model from NABL accredited laboratory.
37. Service Station should be Delhi/NCR based.
38. The principle company and the quoting firm should not have an active blacklist/ban anywhere in India from any government/semi government institute/hospital/agency.

39. Copies of all certifications e.g. Quality Standard certificate, Proprietary Item/parts, Patent of parts/ technology, Principal company/Authorized Distributorship should be attached with the quotations.
40. Penalty clause: In no case the instrument should remain in non-working condition for more than 7 days, beyond which a penalty of 2% of machine cost will be charged per day.
41. All technical bids comparative statement to the tender specifications must be enclosed (including consumables) along with the reference page no., paragraph no., from the original catalogue of equipment. The bid for the particular equipment may be summarily rejected in case bid fails to provide compliance statement with its reference from the catalogue.

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