

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

Dated 24.09.2026

Embassy of India
Washington (U.S.A.)

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

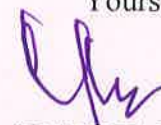
Dear Sir,

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-73/SO(DO)/PCCSM/2026-27/M&E	Flexible Video Bronchoscope (Adult)	As per specs.	2,50,000/-
2.	XX-72/SO(DO)/PCCSM/2026-27/M&E	Continuous Renal Replacement Therapy (CRRT)	As per specs.	1,20,000/-
3.	XX-76/SO(DO)/PCCSM/2026-27/M&E	Premium End Top of the line portable 2D-Echocardiography Colour Doppler System	As per specs.	3,00,000/-
4.	XX-77/SO(DO)/Ortho/2026-27/M&E	Lateral Positioning System for Shoulder Arthroscopy	As per specs.	48,000/-
5.	XX-78/SO(DO)/Anesth./2026-27/M&E	Integrated Difficult Airway Scope	As per specs.	5,40,000/-
6.	XX-28/SO(DO)/CAF/2026-27/M&E	Invivo Animal Imaging System (High Resolution Standalone UCT System)	As per specs.	10,00,000/-

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. Further, it is requested that suitable advertisement may kindly be arranged at your end.

Yours Sincerely.



(MANOHAR ARYA)
Sr. Stores Officer (DO)
वरिष्ठ भण्डार अधिकारी (नि.का.)
Sr. Stores Officer (D.O.)
अ.भा.आ.स. अंसारी नगर
A.I.I.M.S., Ansari Nagar
नई दिल्ली-29 / New Delhi-29

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-72/SO(DO)/PCCSM/2026- 27/M&E

Brief Description of Goods

:

**Purchase of Continuous Renal
Replacement Therapy (CRRT) - 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-72/SO(DO)/PCCSM/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
1.	Purchase of Continuous Renal Replacement Therapy (CRRT)	01 No.	INR Rs. 1,20,000/-

CRITICAL DATE SHEET

Published Date & Time	21-09-2026 at 04.00 pm
Bid Document Download/Sale Start Date	21-09-2026 at 04.00 pm
Seek Clarification Start Date	21-09-2026 at 04.00 pm
Seek Clarification End Date	28-09-2026 at 04.00 pm
Pre Bid Meeting	Already done
Pre Bid Meeting Place & Address	NA
Bid Submission Start Date & Time	06-10-2026 at 04.00 pm
Bid Submission End Date & Time	21-10-2026 (Wednesday) at 03.00 pm
Bid Opening Date & Time	22-10-2026 (Thursday) 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), 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 – VI

LIST OF REQUIREMENTS

Part I

Sl. No.	Name of Equipment	Consignee	Quantity per Deptt. (No.)	Total Quantity per Schedule (No.)	Warranty Period	CAMC period after warranty
1	Continuous Renal Replacement Therapy (CRRT)	Department of PCCSM	01	01	02 year	08 year

Part II: Required Delivery Schedule:

a) For Indigenous goods or for imported goods if supplied from India:

180 days from date of Notification of Award to delivery at consignee site. The date of delivery will be the date by when it is to be delivered at consignee site. Bidders may quote earliest delivery period.

Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later.

b) For Imported goods directly from foreign:

180 days from the date of opening of L/C. The date of delivery will be the date of Bill of Lading/Airway bill. (Bidders may quote the earliest delivery period).

Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later.

For delayed delivery and/or installation and commissioning liquidated damages will get applied as per GCC clause 23.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13.

Part IV: Turnkey Work (if any) as per details in Technical Specification.

Part V: Warranty period as per details mentioned in technical specification and as specified in Part I above. Warranty period will start from the date of installation, commissioning and acceptance.

Comprehensive Annual Maintenance Contract (CAMC) as per details in Technical Specification as specified in part I above. Comprehensive Annual Maintenance Contract (CAMC) will start from the date of successful completion of warranty period.

Required Terms of Delivery and Destination.

a) For Indigenous goods or for imported goods if supplied from India:

Free Delivery at Consignee's Site(s)

b) For Imported goods directly from abroad:

The foreign bidders are required to quote their rates on CIP (Named Port of Destination Basis) giving breakup of the price as per the Performa prescribed in the Price Schedule. Purchaser will place the order on CIP (Named Port of Destination basis).

Insurance (Local Transportation and Storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.

Section – VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Revised Specification of Continuous Renal Replacement Therapy (CRRT)	
Qty: 01 No	Approx Cost: 60 Lakhs
S. No.	Technical Specification
1	Description of Function
1.1	Continuous Renal Replacement Therapy (CRRT) Machine provides at least 24-hour continuous (non stop) dialysis therapy used to support patients with kidney failure.
2	Operational Requirements
2.1	Easy to handle and maintain.
2.2	Microprocessor/microcontroller controlled user interactive menu with operating and malfunction removal instruction on display screen
2.3	Should be user friendly
3	Technical specifications
3.1	Should have 4-7 pumps, one each for blood, Dialysis, Replacement fluid and Effluent/Filtrate and for citrate and heparin anticoagulation
3.2	Should be able to perform $\pm$ SCUF, CVVH, CVVHD, CVVHDF
3.3	Should have touch screen/Touch pad TFT Monitor.
3.4	Should have blood pump speed of app. 10-450 ml/min.
3.5	Should have closed bleed circuit to prevent air to blood interface.
3.6	Should have short preparation and priming program and should be ready to start treatment within 10-20 minutes.
3.7	Should have Venous pressure range: (-) 250 mm Hg $\pm$ 50 mmHg.
3.8	Should have Venous pressure range: (-) 350 mm Hg $\pm$ 50 mmHg.
3.9	Should have Pre Filter Pressure : 0 to + 450 mmHg.
3.10	Should have Effluent Pressure : 350 mmHg $\pm$ -50 mmHg.
3.11	Should have Programmable Substitution solution flow rate: 100-8000 mL/Hr
3.12	Should have Dialysate Flow rate: 100-2500 mL/Hr
3.13	Should have Effluent Flow rate: 0-1500 mL/Hr
3.14	Should have Integrated heparin pump with flow rate of 0.5ml-5 mL/Hr. Should have bolus facility range 0.5mL-5mL
3.15	Should have Capability of changing therapies.
3.16	Should have > 3 or more weighing scales to control the system with balancing accuracy of less than 1% of total turnover in normal conditions and weighing capacity of at least 0-10 kg.
3.17	Should have Fluid/Blood warmer for blood/dialysate warming temp range app 33-38 deg C($\pm$ 0.5 deg C)
3.18	Should have Ultrasonic air bubble detector and Blood leak Detector.
3.19	Should have Alarm in case of blood leak, air in line, pressure limit violation, empty dialysate/replacement bag, full effluent bag and advisory alarms in case of excessive TMP and filter clotting.
3.20	Should have minimum 10 minutes Battery backup for blood pump
3.21	Should have an RS 232 Port for Data transfer and interface.
3.22	Provision for regional citrate anticoagulation
3.23	Capability to dialyze both adult and pediatric patient (low body weight)
4	System Configuration Accessories. Spares and consumables
4.1	System as specified
4.2	Should be supplied with 10 sets of all essential accessories at no extra cost for 10 procedures
4.3	All media and consumables for setting up and standardization should be provided free of cost in addition to the items supplied in 4.3.
4.4	
5	Standards
5.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid
5.2	The unit should have BIS or US FDA or European CE with four digit notified body number certificate for the quoted model and certificate to be submitted OR Should meet IEC 60601-1, IEC 60601-1-2 & IEC 60601-2-16 standards and should submit valid test report for the quoted model from NABL accredited laboratory/ from labs in their country of origin in case of foreign manufacturer
5.3	Should have import/manufacturing license from Central licensing Authority or State licensing authority of CDSCO for Medical Devices and copy of valid license should be submitted for the quoted model. In case the vendor has not yet obtained import/manufacturing license from CDSCO for the quoted model, proof of application

	for CDSCO medical device license to be submitted in the bid document and valid CDSCO license to be produced at the time of supply/NOA for the quoted model		
S. No	BOQ	Qty	UOM
1.	CRRT machine as specified	1	Nos.
2.	CRRT Fluid 0 mmol/L potassium or equivalent	20	Nos.
3.	CRRT Fluid 0-4 mmol/L potassium or equivalent	20	Nos.
6.	AV Ultraflux Dialyser (Adult) or High Flux Hemofilter for CRRT	5	Nos.
8.	Multifiltrate AV Cassette or Extra Corporal Circuit Set (with all tubings, Lines & pump segments)	5	Nos.
9.	Multifiltrate Dialsate System or Close system tubing for delivery of dialysate fluid	5	Nos.
10.	Multifiltrate Filtrate Bag 5-10L (Separately or as part of kit)	5	Nos.
11.	Multifiltrate Substitute Line or Sterile infusion line set for CRRT substitution fluid	5	Nos.

WARRANTY:

- As per AIIMS rules and should be quoted with 2-year comprehensive warranty and another 8 years of maintenance warranty (including all spares, batteries, circuit, other accessories)
- The cost of additional accessories quoted in the price bid which will be used to calculate L1.
- Prices of all the spare/accessories required for maintenance of the equipment should be quoted along with the price bid. If the firm fails to provide price of any part/accessories in the price bid the same will be provide free of cost by the company if required.
- Company will be responsible to maintain equipment and accessories in working condition irrespective of the cause/reasons/conditions/nature for not working of the equipment/accessories. Company will replace all the required parts/spares /accessories, labour/service during WARRANTY/CAMC period without any extra charges/taxes” (including and not limited to physical damage).
- In case of any breakdown, fault, repair should be undertaken within 48 hours of receipt of such information. Failure to do so shall make the company liable for a penalty of Rs.1000/- per day.

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-73/SO(DO)/PCCSM/2026- 27/M&E

Brief Description of Goods

: Purchase of Flexible Video Bronchoscope
(Adult) – 08 Nos.

SECTION-I

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

Advertised Tender Enquiry No : XX-73/SO(DO)/PCCSM/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
1.	Purchase of Flexible Video Bronchoscope (Adult)	08 Nos.	INR Rs. 2,50,000/-

CRITICAL DATE SHEET

Published Date & Time	21-09-2026 at 04.00 pm
Bid Document Download/Sale Start Date	21-09-2026 at 04.00 pm
Seek Clarification Start Date	21-09-2026 at 04.00 pm
Seek Clarification End Date	28-09-2026 at 04.00 pm
Pre Bid Meeting	Already done
Pre Bid Meeting Place & Address	NA
Bid Submission Start Date & Time	06-10-2026 at 04.00 pm
Bid Submission End Date & Time	21-10-2026 (Wednesday) at 03.00 pm
Bid Opening Date & Time	22-10-2026 (Thursday) at 03.00 pm

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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), 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 – VI

LIST OF REQUIREMENTS

Part I

Sl. No.	Name of Equipment	Consignee	Quantity per Deptt. (No.)	Total Quantity per Schedule (No.)	Warranty Period	CAMC period after warranty
1	Flexible Video Bronchoscope (Adult)	Department of PCCSM	08	08	02 year	08 year

Part II: Required Delivery Schedule:

a) For Indigenous goods or for imported goods if supplied from India:

180 days from date of Notification of Award to delivery at consignee site. The date of delivery will be the date by when it is to be delivered at consignee site. Bidders may quote earliest delivery period.

Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later.

b) For Imported goods directly from foreign:

180 days from the date of opening of L/C. The date of delivery will be the date of Bill of Lading/Airway bill. (Bidders may quote the earliest delivery period).

Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later.

For delayed delivery and/or installation and commissioning liquidated damages will get applied as per GCC clause 23.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13.

Part IV: Turnkey Work (if any) as per details in Technical Specification.

Part V: Warranty period as per details mentioned in technical specification and as specified in Part I above. Warranty period will start from the date of installation, commissioning and acceptance.

Comprehensive Annual Maintenance Contract (CAMC) as per details in Technical Specification as specified in part I above. Comprehensive Annual Maintenance Contract (CAMC) will start from the date of successful completion of warranty period.

Required Terms of Delivery and Destination.

a) For Indigenous goods or for imported goods if supplied from India:

Free Delivery at Consignee's Site(s)

b) For Imported goods directly from abroad:

The foreign bidders are required to quote their rates on CIP (Named Port of Destination Basis) giving breakup of the price as per the Performa prescribed in the Price Schedule. Purchaser will place the order on CIP (Named Port of Destination basis).

Insurance (Local Transportation and Storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.

Section – VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Revised specifications of Flexible Video Bronchoscope (Adult)

Qty: 8 nos.

1. The provided video bronchoscopes should have high resolution image quality.
2. The provided bronchoscopes should allow leakage testing.
3. The provided bronchoscopes should have programmable switches.
4. The provided bronchoscopes with channel 2.8 mm or greater should be compatible to perform Electro cautery and laser
5. Video bronchoscope of outer diameter between 5.5 and 5.9 millimetres and working channel of at least 2.8 mm or greater: quantity 4
6. Video bronchoscope of outer diameter between 4 and 4.3 millimetres and working channel of at least 2 mm or greater: quantity 2
7. Video bronchoscope of outer diameter 3.8 millimetres or less with a working channel of at least 1.2 mm or greater: quantity one
8. Therapeutic video bronchoscope of outer diameter between 5.8 and 6.3 millimetres and working channel of 2.9 millimetre or greater: quantity one
9. Suction valves 300 pieces, biopsy valves 300 pieces, cleaning brushes 100 pieces
10. The provided bronchoscopes should be compatible with the existing video processor and light source available in the department.
11. Two high resolution medical grade 32 inch 4K monitors with A.I.M.E Technology
12. A computer system desktop system with the following configuration should be provided:
At least 27 inch full HD display, 14th generation or better Intel core I7 processor, original windows, 4 GB graphics card, at least 16 gb ddr 4 ram, 4 TB SSD internal storage along with Bluetooth mouse and Bluetooth keyboard along with wired mouse and wired keyboard should be provided.
13. A user friendly image recording and video recording software solution operating on windows platform should be provided.
14. External hard drive for storage 4 TB SSD drive: quantity 2
15. All compatible connectors and accessories should be provided to make the unit fully functional next
16. The bronchoscopes should be BIS/ISO/USFDA approved.

Warranty:

- a) As per AIIMS rules and should be quoted with 2-year comprehensive warranty and another 08 years of maintenance warranty (including all spares, batteries, circuit and other accessories).
- b) The cost of additional accessories should quoted in the price bid which will be used to calculate L1.
- c) Prices of all the spare/accessories required for maintenance of the equipment should be quoted along with the price bid. If the firm do not provide price of any part/accessories in the price bid the same will be provide free of cost by the company if required.
- d) Company will be responsible to maintain equipment and accessories in working condition irrespective of the cause/reason/conditions/nature for not working of the equipment/accessories. Company will replace all the required parts/spares/accessories, labour/service during WARRANTY/CAMC period without any extra charges/taxes” (including and not limited to physical damage).
- e) In case of any breakdown, fault, repair should be undertaken within 48 hours of receipt of such information. Failure to do so shall make the company liable for a penalty of Rs. 1000/- per day.

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-76/SO(DO)/PCCSM/2026- 27/M&E

Brief Description of Goods

:

Purchase of Premium End Top of the line portable 2D-Echocardiography Colour Doppler System - 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-76/SO(DO)/PCCSM/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
1.	Purchase of Premium End Top of the line portable 2D-Echocardiography Colour Doppler System	01 No.	INR Rs. 3,00,000/-

CRITICAL DATE SHEET

Published Date & Time	23-09-2026 at 04.00 pm
Bid Document Download/Sale Start Date	23-09-2026 at 04.00 pm
Seek Clarification Start Date	23-09-2026 at 04.00 pm
Seek Clarification End Date	29-09-2026 at 04.00 pm
Pre Bid Meeting	<i>Already done</i>
Pre Bid Meeting Place & Address	NA
Bid Submission Start Date & Time	06-10-2026 at 04.00 pm
Bid Submission End Date & Time	26-10-2026 (Monday) at 03.00 pm
Bid Opening Date & Time	27-10-2026 (Tuesday) at 03.00 pm

Instructions:

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SECTION – VI

LIST OF REQUIREMENTS

Part I

Sl. No.	Name of Equipment	Consignee	Quantity per Deptt. (No.)	Total Quantity per Schedule (No.)	Warranty Period	CAMC period after warranty
1	Premium End Top of the line portable 2D-Echocardiography Colour Doppler System	Department of PCCSM	01	01	02 year	08 year

Part II: Required Delivery Schedule:

a) For Indigenous goods or for imported goods if supplied from India:

180 days from date of Notification of Award to delivery at consignee site. The date of delivery will be the date by when it is to be delivered at consignee site. Bidders may quote earliest delivery period.

Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later.

b) For Imported goods directly from foreign:

180 days from the date of opening of L/C. The date of delivery will be the date of Bill of Lading/Airway bill. (Bidders may quote the earliest delivery period).

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Required Terms of Delivery and Destination.

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Free Delivery at Consignee's Site(s)

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Insurance (Local Transportation and Storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.

Section – VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Revised Specification

**Premium End Top of the line portable 2 D-Echocardiography Colour
Doppler System**

Qty: 01 No.

1. The offered system should be top of the line platform on a worldwide basis.
2. It should be light weighty easily portable machine (less than 8 kgs) with proper bag and storage facility.
3. A separate caret (of the same company) should be provided for moving the portable machine.
4. System should have extremely high resolution 2D imaging, Colour for imaging, M-mode, PW Doppler, CW Doppler and Duplex modes.
5. Should have advanced image processing algorithms to analyse between targets and artifacts so as to sharpen target anatomy and reduce speckle and artifacts for excellent image quality.
6. Should have flat panel high resolution display monitor minimum 15 inches.
7. Should have a dynamic range of 170 DB minimum.
8. Should have extended field of view imaging of structures, by continuously scanning and moving the probe over the area of interest.
9. **Should have maximum colour Doppler Frame rate of 100 Hz. Should have an on-board Workstation for storage and review of all exams i.e. 2D Doppler, Loops etc.**
10. **Should have DICOM Support to be able to connect to hospital network.**
11. Should have large Hard Disk capacity to store patient data into the hard drive.
12. **Should be able to transfer images and clips to CD and DVD Media/USB**
13. Should be offered with the following transducers without need for frequency selection:
 1. Adult Echo Transducer: Transducer technology for adult probes should be clearly mentioned in technical bid.
 2. Pediatric Echo Transducer
 3. Transducer for abdominal ultrasound
 4. Vascular probe
 5. Live 3D/4D TEE probe

14. Equipment should have CDSCO License.

15. Equipment Should be US/FDA/BIS and European CE approved.

WARRANTY

- As per AIIMS rules and should be quoted with 2-year comprehensive warranty and another 8 years of maintenance warranty (including all spares, batteries, circuit, other accessories)
- The cost of additional accessories quoted in the price bid which will be used to calculate L1.
- Prices of all the spare/accessories required for maintenance of the equipment should be quoted along with the price bid. If the firm fails to provide price of any part/accessories in the price bid the same will be provide free of cost by the company if required.
- Company will be responsible to maintain equipment and accessories in working condition irrespective of the cause/reasons/conditions/nature for not working of the equipment/accessories. Company will replace all the required parts/spares /accessories, labour/service during WARRANTY/CAMC period without any extra charges/taxes” (including and not limited to physical damage).

In case of any breakdown, fault, repair should be undertaken within 48 hours of receipt of such information. Failure to do so shall make the company liable for a penalty of Rs.1000/- per day.

**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 रक्तु धर्मसाधनम्

Advertised Tender Enquiry No.: XX-77/SO(DO)/Ortho/2026-27/M&E

Brief Description of Goods : Purchase of Lateral Positioning System for
Shoulder Arthroscopy - 02 Nos.

SECTION-I

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

Advertised Tender Enquiry No : XX-77/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
1.	Purchase of Lateral Positioning System for Shoulder Arthroscopy	02 Nos.	INR Rs.48,000/-

CRITICAL DATE SHEET

Published Date & Time	23-09-2026 at 04.00 pm
Bid Document Download/Sale Start Date	23-09-2026 at 04.00 pm
Seek Clarification Start Date	23-09-2026 at 04.00 pm
Seek Clarification End Date	29-09-2026 at 04.00 pm
Pre Bid Meeting	NA
Pre Bid Meeting Place & Address	NA
Bid Submission Start Date & Time	06-10-2026 at 04.00 pm
Bid Submission End Date & Time	26-10-2026 (Monday) at 03.00 pm
Bid Opening Date & Time	27-10-2026 (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 **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 – VI

LIST OF REQUIREMENTS

Part I

Sl. No.	Name of Equipment	Consignee	Quantity per Deptt. (No.)	Total Quantity per Schedule (No.)	Warranty Period	CAMC period after warranty
1	Lateral Positioning System for Shoulder Arthroscopy	Department of Orthopedics	02	02	02 year	08 year

Part II: Required Delivery Schedule:

a) For Indigenous goods or for imported goods if supplied from India:

180 days from date of Notification of Award to delivery at consignee site. The date of delivery will be the date by when it is to be delivered at consignee site. Bidders may quote earliest delivery period.

Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later.

b) For Imported goods directly from foreign:

180 days from the date of opening of L/C. The date of delivery will be the date of Bill of Lading/Airway bill. (Bidders may quote the earliest delivery period).

Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later.

For delayed delivery and/or installation and commissioning liquidated damages will get applied as per GCC clause 23.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13.

Part IV: Turnkey Work (if any) as per details in Technical Specification.

Part V: Warranty period as per details mentioned in technical specification and as specified in Part I above. Warranty period will start from the date of installation, commissioning and acceptance.

Comprehensive Annual Maintenance Contract (CAMC) as per details in Technical Specification as specified in part I above. Comprehensive Annual Maintenance Contract (CAMC) will start from the date of successful completion of warranty period.

Required Terms of Delivery and Destination.

a) For Indigenous goods or for imported goods if supplied from India:

Free Delivery at Consignee's Site(s)

b) For Imported goods directly from abroad:

The foreign bidders are required to quote their rates on CIP (Named Port of Destination Basis) giving breakup of the price as per the Proforma prescribed in the Price Schedule. Purchaser will place the order on CIP (Named Port of Destination basis).

Insurance (Local Transportation and Storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.

Section – VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Lateral positioning system for shoulder Arthroscopy – 02 Units

- The positioning system should have functionality of providing limb abduction, rotation, flexion and optional lateral traction controls
- It should be simple to set up and easy to use
- It should have Universal clamp which conveniently attaches to any standard Operational Table eliminating the need for adaptors.
- It should have internal external rotation control to rotate the arm within the sterile field
- It should have a simple lever which allows surgeons and staff to abduct or adduct the arm within the sterile field
- It should have hand flexion control lever for easy flexion control
- It should have a cable and hook mechanism with a single point of weight to eliminate the need to tie knots
- It should have a storage card which makes the system portable with a small storage footprint
- It should have a traction boom which can have adjustable length
- It should be USFDA/European CE/ISO/BIS Certified
- The hand plate for traction should be provided for traction (Optional, if traction is provided by other mode)

Additional Terms and Conditions:

- Physical demonstration of the System is essential for verification of each details

1. Warranty & CAMC: 02 + 08 Years

**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 रक्तु धर्मसाधनम्

Advertised Tender Enquiry No.: XX-78/SO(DO)/Anesth/2026-27/M&E

Brief Description of Goods : Purchase of Integrated Difficult Airway
Scope - 03 Nos.

SECTION-I

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

Advertised Tender Enquiry No : XX-78/SO(DO)/Anesth./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
1.	Purchase of Integrated Difficult Airway Scope	03 Nos.	INR Rs.5,40,000/-

CRITICAL DATE SHEET

Published Date & Time	24-09-2026 at 04.00 pm
Bid Document Download/Sale Start Date	24-09-2026 at 04.00 pm
Seek Clarification Start Date	24-09-2026 at 04.00 pm
Seek Clarification End Date	01-10-2026 at 04.00 pm
Pre Bid Meeting	05-10-2026 at 11.30 am
Pre Bid Meeting Place & Address	HOD Office, AB-8, ICU, Main OT Block, 8th Floor, AIIMS, New Delhi.
Bid Submission Start Date & Time	15-10-2026 at 04.00 pm
Bid Submission End Date & Time	29-10-2026 (Thursday) at 03.00 pm
Bid Opening Date & Time	30-10-2026 (Friday) 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 **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 – VI

LIST OF REQUIREMENTS

Part I

Sl. No.	Name of Equipment	Consignee	Quantity per Deptt. (No.)	Total Quantity per Schedule (No.)	Warranty Period	CAMC period after warranty
1	Integrated Difficult Airway Scope	Department of Anesthesiology	03	03	02 year	08 year

Part II: Required Delivery Schedule:

a) For Indigenous goods or for imported goods if supplied from India:

180 days from date of Notification of Award to delivery at consignee site. The date of delivery will be the date by when it is to be delivered at consignee site. Bidders may quote earliest delivery period.

Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later.

b) For Imported goods directly from foreign:

180 days from the date of opening of L/C. The date of delivery will be the date of Bill of Lading/Airway bill. (Bidders may quote the earliest delivery period).

Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later.

For delayed delivery and/or installation and commissioning liquidated damages will get applied as per GCC clause 23.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13.

Part IV: Turnkey Work (if any) as per details in Technical Specification.

Part V: Warranty period as per details mentioned in technical specification and as specified in Part I above. Warranty period will start from the date of installation, commissioning and acceptance.

Comprehensive Annual Maintenance Contract (CAMC) as per details in Technical Specification as specified in part I above. Comprehensive Annual Maintenance Contract (CAMC) will start from the date of successful completion of warranty period.

Required Terms of Delivery and Destination.

a) For Indigenous goods or for imported goods if supplied from India:

Free Delivery at Consignee's Site(s)

b) For Imported goods directly from abroad:

The foreign bidders are required to quote their rates on CIP (Named Port of Destination Basis) giving breakup of the price as per the Proforma prescribed in the Price Schedule. Purchaser will place the order on CIP (Named Port of Destination basis).

Insurance (Local Transportation and Storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.

Section – VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Qty.03 Nos.

Technical Specifications of Integrated Difficult Airway Scope

Flexible Video scopes & Video laryngoscope required with video illumination to visualize and document the operational area for difficult intubation in both pediatric patient on video monitor. It should consist of following features:
<u>Video processor & Monitor</u>
• Monitor Screen size between 8 to 12 inch for display with touch screen to control features with HDMI output for connecting to a big screen which can display picture simultaneously on both screens. • Monitor should have two ports to connect two video endoscopes (Video laryngoscope + Flexible Intubation scope) at one time and picture can be swapped using touch screen. • The monitor battery should be chargeable, should be supplied with a charger and should have facility to be used while charging. • Monitor resolution should be minimum 1920 X 1200 pixels in 16:9 format. • It should have integrated video processing & integrated recording of Video & still images on data card (minimum 16 GB) or USB drive with JPEG and MPEG format which can be easily transferred to the computer/laptop. Documented videos & still images should be easily recalled on the monitor. • Monitor should have a facility to connect flexible videoscope directly without any special coupler or accessory. • Monitor should have Picture-in-Picture & side-by-side mode to view images from 2 different blades or flexible video scopes. • Monitor should be splash proof according to IP 54 and should be shock resistant. • Monitor should have lithium-Ion rechargeable batteries and run for at least 100 minutes when fully charged. • Adult and Pediatric angulated Magill forceps from same manufacturer to be provided for foreign body removal and for assisting nasal intubation while using blades. • Product certification EC Class-1 • Same Monitor should be compatible with all the below mentioned scopes of same manufacturing principal company: ○ Reusable video laryngoscope ○ Single use video laryngoscope ○ Reusable Flexible Intubation video endoscope ○ Single use Flexible Intubation video endoscope ○ Video Intubation endoscope with flexible tip
<u>Flexible Video scope – Neo Natal</u>
• It should be light weight, high resolution & portable flexible scope. • Integrated camera chip and LED light illumination • CMOS technology • ET TUBE HOLDER should be a part of standard accessory of flexible scope and should be from same manufacturer. • There should be 5cm interval markings on the scope. • Set should include- Suction Adaptors (Disposable) & Leakage tester as standard accessories along with carrying case

• Scope should be suitable for following applications: ○ Endotracheal Intubation ○ Bronchoscopy ○ Inspection of the Airways • Technical Details of Flexible Video Endoscope: - Tip deflection UP/DOWN: 140° each direction - Angle of view 90-100 degrees, - Working Length: maximum 50 cm to 55 cm - Total length: 70 - 75 cm, - Distal Tip Outer Diameter: 2.6mm-3mm - Direction of view : 0 degree
Flexible Video scope – Pediatric
• It should be light weight, high resolution & portable flexible scope. • Integrated camera chip and LED light illumination • CMOS technology • ET TUBE HOLDER should be a part of standard accessory of flexible scope and should be from same manufacturer. • There should be 5cm interval markings on the scope. • Set should include- Suction Adaptors (Disposable) & Leakage tester as standard accessories along with carrying case • Scope should be suitable for following applications: ○ Endotracheal Intubation ○ Bronchoscopy ○ Inspection of the Airways • Technical Details of Flexible Video Endoscope: - Tip deflection UP/DOWN: 140° each direction - Angle of view 90-100 degrees, - Working Length: maximum 50 cm to 55 cm - Total length: 70 - 75 cm, - Distal Tip Outer Diameter: 2.6mm-3mm - Direction of view : 0 degree
Flexible Video scope – Adolescent
• It should be light weight, high resolution & portable single use flexible scope. • Integrated camera chip and LED light illumination • ET TUBE HOLDER should be a inbuilt. • CMOS technology • Scope should be suitable for following applications:- • Endotracheal Intubation • Bronchoscopy • Foreign body removal • Bronchial Lavage • Inspection of the Airways • Technical Details of Flexible Video Endoscope- - Tip deflection UP/DOWN: at least 140° each direction - Angle of view 90-100 degrees, - Working Length: minimum 65 cm or more - Total length: at least 90-100 cm,

- Working Channel diameter: 2 mm or more,
- Distal Tip Outer Diameter: 5.5 mm
- Direction of view: 0 degree
Video laryngoscope for difficult intubation:-
• Blades and connection cable should be fully immersible in disinfecting solution.
• Blades can be sterilized using plasma sterilization system or autoclave.
• Required standard Macintosh and Miller blades with titanium handles with integrated camera chip and LED light illumination.
• Blades should have anti fogging mechanism.
• Macintosh blade size 0 producing resolution of minimum 800p.
• Macintosh blade size 2 producing resolution of minimum 800p.
• Macintosh blade size 3 producing resolution of minimum 800p.
• Miller blade size 0 producing resolution of minimum 800p.
• Special angulated Adult Blade for difficult intubation with device for introduction of suction catheter of size 16-18 Fr., angle of view should be 70 degree or more.
• Special angulated Pediatric Blade for difficult intubation with device for introduction of suction catheter of size 16-18 Fr., angle of view should be 70 degree or more.
• Stylet from same manufacturer for special angulated blade should be provided.
Video Trolley/ Cart:
Trolley to hang monitor, flexible scope and to hold video laryngoscope blades with tray should be provided from same manufacturer with height 120 cm, rollable with minimum five legs and antistatic castors, crossbar 25 cm x diameter 25 mm for positioning the monitor, with tray, dimensions (w x d x h): 30-40 x 20-25 x 10-15 cm.
The trolley should be made up durable rust free materials. The wheels should be heavy duty and lockable.
Tray for sterilization/ disinfection:
Suitable trays for sterilization/ disinfection for
• Flexible Intubation scope
• video laryngoscope blades
Note:
1. All Flexible intubation video scope, Video processing system including Video Blades should be from same manufacturer for total system compatibility and optimal system performance.
2. Demonstration of the complete system is must before finalization of opening financial bid.
3. BIS Approved or US FDA approved and European CE certificate with 4 digit notified body.
4. OEM should have ISO 13485:2016 certified service process in India.
5. Should quote all the necessary of consumables required to run the equipment for shelf life
BOQ:
1. Video processor & Monitor - 1 Nos.
2. Connecting cable – 02 Nos
3. Flexible Intubation Video Endoscope- Pediatric- 1 Nos.
4. Flexible Intubation Video Endoscope – Neo Natal – 1 Nos.
5. Macintosh blade size 0 – 01 Nos.
6. Macintosh blade size 2 – 01 Nos.
7. Macintosh blade size 3 – 01 Nos.
8. Miller blade size 0 -01 Nos.
9. Miller blade size 1 -01 Nos.
10. Miller blade size 2 -01 Nos.
11. Special angulated Adult Blade for difficult intubation – 01 no.

12. Special angulated Pediatric Blade for difficult intubation -01 no.
13. Stylet for special angulated blade -01 no
14. Video Trolley complete set as per specification- 1 Nos.
15. Tray for disinfection/ sterilization for Flexible scopes- 01 Nos
16. Tray for disinfection/ sterilization for Video laryngoscope =01 Nos.
17. Magill forceps- Adult – 01 Nos.
18. Magill forceps- Pediatric – 01 Nos.
19. Physical demonstration of the equipment, if required
20. The comprehensive warranty will be 2 years (including all spares and labour) from the date of satisfactory installation of the equipment.
21. Rates for Comprehensive Annual Maintenance Contract (including all spares and labour for 3rd to 10 th year, after expiry of warranty period must also be quoted. Cost of spares, accessories and consumables should assure the supply of new consumables, if required

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

TENDER ENQUIRY DOCUMENT

(Two Bid System for Machinery & Equipment's)



Advertised Tender Enquiry No.
XX-28/SO(DO)/CAF/2026-27/M&E

Brief Description of Goods:
Purchase of Invivo Animal Imaging System
(High Resolution Standalone uCT System)
For the Department of Pharmacology (Q= 1 No.)

SECTION-I



ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-110 029
NOTICE INVITING TENDERS (NIT)

Advertised Tender Enquiry No : **XX-28/SO(DO)/CAF/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
1.	Invivo Animal Imaging System (High Resolution Standalone uCT System)	01 No.	INR Rs. 10,00,000/-

CRITICAL DATE SHEET

Published Date & Time	22.09.2026 Time to be followed from CPPP
Bid Document Download/Sale Start Date	22.09.2026 Time to be followed from CPPP
Seek Clarification Start Date	22.09.2026 Time to be followed from CPPP
Seek Clarification End Date	26.09.2026 at 9:00 a.m
Pre Bid Meeting	26.09.2026 at 10:00 a.m
Pre Bid Meeting Place & Address	Seminar Room, Ground Floor, Central Animal Facility, AIIMS, New Delhi – 110029.
Bid Submission Start Date & Time	29.09.2026 at 11.00 a.m
Bid Submission End Date & Time	28.10.2026 (Wednesday) at 01.00 p.m
Bid Opening Date & Time	29.10.2026 (Thrusday) at 02.00 p.m

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 **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 - II

GENERAL INSTRUCTIONS TO BIDDERS (GIB)

A. PREAMBLE

1. Definitions and Abbreviations

1.1 The following definitions and abbreviations, which have been used in these documents shall have the meanings as indicated below:

1.2. Definitions:

- (i) "Purchaser" means the organization i.e. AIIMS/Center/Hospital/Department/Sections purchasing goods and services as incorporated in the Tender Enquiry Document.
- (ii) "Bid" means Quotation / Tender received from a Firm / Tenderer / Bidder.
- (iii) "Bidder" means Tenderer/ the Individual or Firm submitting Bids / Quotation / Tender
- (iii) "Supplier" means the individual or the firm supplying the goods and services as incorporated in the contract/purchase order.
- (iv) "Goods" means all articles, material, commodity, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment, vehicles, medicines, assemblies, sub-assemblies, accessories, intangible products like software, technology transfer, licenses, patents or other intellectual properties purchased or otherwise acquired for the use of Government but excludes books, publications, periodicals, etc. for a library. The term 'goods' also includes works and services which are incidental or consequential to the supply of such goods, such as, transportation, insurance, installation, commissioning, training and maintenance.
- (v) "Services" means services allied and incidental to the supply of goods, such as transportation, installation, commissioning, provision of technical assistance, training, after sales service, maintenance service and other such obligations of the supplier covered under the contract.
- (vi) "Bid Security" (BS) means Earnest Money Deposit / monetary or financial guarantee to be furnished by a bidder along with its tender.
- (vii) "Contract" means the written agreement entered into between the purchaser and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- (viii) "Performance Security" means monetary or financial guarantee to be furnished by the successful bidder for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- (ix) "Consignee" means the Center/Hospital/Department/Sections /person to whom the goods are required to be delivered as specified in the Contract.
- (x) "Specification" also called Technical Specifications means the document/standard that prescribes the requirement with which goods or service has to conform.

Section - VII

TECHNICAL SPECIFICATION AND GENERAL POINTS

Purchase of In vivo Animal Imaging System (High Resolution Standalone uCT System) (Quantity = 01)

Specification of In Vivo Animal Imaging System (High Resolution Stand alone uCTSystem)

Date:

Specifications:-

Quantity Required:-

01 Nos.

1. Should be a table or floor mounted Micro Computed Tomography (micro-CT) system with capability to work with:
 - i. Small animals *in vivo* e.g. mice & rat.
 - ii. *Ex vivo* biological samples like dental, lung, bone, kidney, heart, brain.
 - iii. Should be able to calculate mass of fat, lean mass and muscle.
 - iv. Should be able to accommodate sample sizes of less than 1mm to 100mm.
2. The system should be equipped with a camera with at least 12-16 mega pixel resolution, either Flat Panel or sCMOS detector, and field of view of 10 mm diameter (or better) for high resolution and 100 mm (diameter) for low resolution imaging. Focal spot must be 5 microns or smaller.
3. The X-ray source should be maintenance-free industry grade X-ray microfocus head source of at least 5 microns. The maximum energy should be up 30-150 KV to support the applications like implant biology and the X-ray max current should be between 100-1000 microAmperes.
4. The gantry bore size should be between 100-170 mm.
5. Field of view should have minimum 8-10 mm to maximum 80-100 mm or better.
6. It should have a user defined variable magnification (2X to 60X or better) for the acquisition with continuous OR step scanning modes.
7. Integrated X-ray detector should be 12-16 megapixel flat panel detector or sCMOS with dimensions of 100 -130mm X 100-130mm or better.
8. The fast scan time should be less than 4 seconds.
9. The smallest pixel should range between 5-50 microns and spatial resolution should be 1 to 100 microns, voxel resolution: 1 to 100 microns. Supporting quality assurance certificate needs to be produced in the technical documents.
10. The FOV at smallest pixel should range between 5-20 mm or better.
11. System must have feature for lung and heart gating. Cardiac analysis should be with ECG or high temporal resolution image based gating technology.
12. It should be equipped with changeable X-ray filters.

13. System must have user accessibility for choosing continuous scanning mode for high throughput fast image acquisition and step scanning mode for higher resolution imaging
14. System must have thermal movement or physical ring artifact correction.
15. The system should have an easily replaceable animal bed with an anesthesia gas mask for ease of transportation.
16. The system should be capable to do multiple scanning parameters. Needs to be equipped with a video camera or radiation safe glass shield to view the sample during scanning.
17. System should be supplied with required software package from the OEM for automatic reconstruction and analysis tools for visualization, and making quantitative measurements (with certification of calibration and possibility of regular calibration of the system for linear, spatial and volume based measurements).
18. The software package from the same OEM provided for visualization and complete analysis, should be floating/perpetual with multiple licenses for offline analysis.
19. System should be supplied with 10 mm & 20 mm calibration (CHA) phantoms for Bone Mineral Dentistry studies.
20. The system should have on screen dosimeter to determine the dosage of radiation taken up by the specimen.
21. The radiation should be $<1\mu\text{Sv/h}$ at any point on the instrument surface.
22. The instrument should get installed without any complex specific power supply, water chiller or additional compressor.
23. Should be supplied with OEM factory grade windows-based work stations (on line and off line systems, separately; but of same configuration).
24. Factory trained hardware engineer and applications support should be available locally.
25. The vendor should provide a technician to run the machine for at least 5 years.
26. The vendor would be required to do civil/electrical/plumbing/radiation protection/furniture to make the machine functional (this will be carried out in coordination with the Engineering Section at AIIMS New Delhi).
27. Software analysis :
 - System must have 3D bone segmentation and BMD, bone erosion and Bone micro architecture parameters measurements like trabecular thickness and cortical bone morphology.
 - The reconstruction software should be able to perform sub-volume or slice reconstructions, portion of the image can be zoomed in and reconstructed at the highest resolution without additional scan.

- System should be able to perform Metabolic studies such as Quantitative fat segmentation: brown fat, subcutaneous fat, visceral fat.

28. In line Gas anesthesia from same OEM:

- Ports and multiple position manifolds, nose cones with gas flow controller should be supplied.
- Complete working configuration inclusive of hardware/software, tubing, valves, should be supplied for mice, rats and rabbits, separately.

29. These specifications are broad based in nature.

As per the govt. of India guidelines In Vivo Animal Imaging System (High Resolution Stand alone uCT System) should be a "Make in India" product.

Other Requirements:

The following documents/details are required against In Vivo Animal Imaging System (High Resolution Stand alone uCT System):-

1. Firms/Manufacturers for the supply of the In Vivo Animal Imaging System (High Resolution Stand alone uCT System) for following/detailed overleaf items subjected to following terms & conditions.
2. Delivery prospects with definite period of delivery at destination must be indicated.
3. Vendor should give an undertaking from manufacturer to take the responsibility of maintenance in case of merger or acquisition.
4. Penalty clause as per standard.
5. Quality assurance certificate like ISI 9001-2000/ISO 9002/FDA/CE or any other equivalent should be provided.
6. Guarantee/Warranty 02 years + 08 years (CAMC/AMC) should be provided for In Vivo Animal Imaging System (High Resolution Stand alone uCT System) (Repair or Replace).
7. Maintenance should be provided (if required).
8. Submission of the sample of In Vivo Animal Imaging System (High Resolution Stand alone uCT System) after approval (if required).
9. If do not fulfill the requirement for Guarantee/Warranty (Repair or Replace) conditions, your firm will be black list.
10. (a.) During the Guarantee period, the instrument should be able to provide 95% uptime efficiency of 365 days (24 hrs). If downtime is more than 5%, the Institute shall be entitled to impose penalty equal to amount of 1% of the total cost of the equipment per day for the first seven days will be payable by the vendor which will doubled on subsequent weeks along with extension of guarantee period by the excess down time period. The vendor must undertake to supply all spares for optimal upkeep of the equipment for at least Five Years after handing over the unit to the Institute. If accessories/other attachment of the system are procured from the third party, then the vendor must produce cost of accessory/other attachment and the CAMC from the third party separately along with the main offer and the third party will has to sign the CAMC with the Institute if required.

(b.) The principals or other agents are required to have a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

11. In the technical bid, certificate from the manufactures to give guarantee that in case authorized agent is changed from the time of purchase, uninterrupted service will be provided by the new agency whosoever is now authorized to represent the original manufacturer failing which their bids are liable to be rejected.
