

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

Dated 11.06.2026

The First Secretary  
Embassy of India  
Switzerland, Berne

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

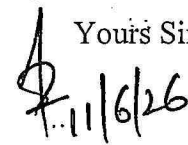
Dear Sir,

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](http://www.aiims.edu), [www.aiims.ac.in](http://www.aiims.ac.in), & [www.tenders.gov.in](http://www.tenders.gov.in) for further details of these tenders:

Sl. No.	Tender Number	Item Name		EMD in INR
1.	XX-40/SO(DO)/Pead.Surg./2026-27/M&E	ECMO	As per specs.	1,90,000/-
2.	XX-42/SO(DO)/Pediatric/2026-27/M&E	Ultra High Performance Liquid Chromatography System (UHPLC)	As per specs.	1,80,000/-

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.



Sr. Store Officer (D.O.)  
अ.भा.अ.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), 1<sup>ST</sup> FLOOR, ANIMAL HOUSE,**

**ANSARI NAGAR, NEW DELHI-110 029, INDIA**

# **TENDER ENQUIRY DOCUMENT**

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



शरीरमाद्यं रक्तुः धर्मसाधनम्

**Advertised Tender Enquiry No.: XX-40/SO(DO)/Paed.Surg./26-27/M&E**

**Brief Description of Goods : Purchase of ECMO - 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-40/SO(DO)/Paed.Surg./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 ECMO	01 No.	INR Rs. 1,90,000/-

**CRITICAL DATE SHEET**

Published Date & Time	08-06-2026 at 06.00 pm
Bid Document Download/Sale Start Date	08-06-2026 at 06.00 pm
Seek Clarification Start Date	08-06-2026 at 06.00 pm
Seek Clarification End Date	15-06-2026 at 04.00 pm
Pre Bid Meeting	23-06-2026 at 03.00 pm
Pre Bid Meeting Place & Address	Office of HOD, Pediatric surgery, 7th floor, mother child block, AIIMS, New Delhi
Bid Submission Start Date & Time	03-07-2026 at 04.00 pm
Bid Submission End Date & Time	16-07-2026 (Tuesday) at 03.00 pm
Bid Opening Date & Time	17-07-2026 (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 **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 - 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	ECMO	Department of Pediatric Surgery	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 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**

**Specifications of ECMO (extracorporeal membrane oxygenation)**

Quantity: 1

Specifications

1. Console, which is small, compact, light in weight, movable with big lockable castor wheels. Console should have a 10 inch or more touch screen for display and control

2. Machine with :

- A. Console
- B. Centrifugal drive integrated with Oxygenator holder
- C. Arterial flow bubble sensor.
- D. Venous bubble sensor.
- E. Emergency drive.
- F. Heater Unit
- G. Air Oxygen blender

3. Detailed specification for each component:

- Compact, lightweight, have single holder for drive and oxygenator to enable easy in hospital transport.
- Adjustable Fixation point assembly and Compact holder assembly for flexible fixing of the drive and oxygenator.
- Make available of separate centrifugal cone, compatible with centrifugal drive unit minimum for 10 years.
- Locking mechanism to lock the pump disposable.
- Interactive touch screen interface.
- Back up emergency mode for touch screen failure.
- Automatic touch screen lock.
- Ability to unlock touch screen through button and on screen.
- RPM speed 0-5000 or more.
- Flow Rate 0-9.99 liters per minute.
- Option to adjust RPM both through knob and on the touch screen.

- Flow rate sensor that fits into tubings of all size
- Arterial flow bubble and venous bubble sensor.
- Options to independently activate and deactivate sensors.
- User set alarm limits for flow, should be displayed on the LPM tab for easy Identification, with monitoring facility of three flow sensors.
- LPM Zero calibration of flow sensor status displayed on screen.
- Ability to sense back flow and intervene to prevent back flow when activated.
- Intimate the user on battery capacity and calibration status.
- Battery backup for minimum 1.5 hours or more and display approximate back up time left.
- Built in user guidance for stepwise set up, priming and functional test.
- In case of any error message, an acoustic alarm sound along with display on the touch screen.
- Inbuilt alarm help function.
- Emergency drive.
- Activated Clotting Time (ACT) monitoring tube/cartridge compatible with the ECMO machine to be supplied.

#### Heater - Cooler Unit:

- Temperature setting range of water temperature between 35 to 39 degree Centigrade.
- Digital display for set & outlet temperature & capable of showing alarm indications.
- Water reservoir capacity less than 2 liter.

#### Miscellaneous:

- Advanced cart design maximizing safety and convenience to move the complete unit anywhere.
- Standard I.V. pole.
- Convenient oxygen cylinder storage facility.
- Mechanical Gas Blender.
- CE certified.

BOQ of all items to be provided

Consumable kit will include: ECMO insertion kit with cannula, ECMO oxygenator, coated tubings, cone. The size of the cannula (neonatal/ pediatric) will be needed as per patient requirement. List the kit with price and life (number of uses or number of days)

- 5 set of consumables to be supplied in a staggered manner as per date of expiry
- Cannulation kit/ ECMO insertion kit to be added in the set.
- Additional elements with all necessary connections ensure the proper operation of the devices.
- There should be rate fixation of the consumables for a minimum of 10 years. The company must provide a 2-year warranty, followed by CMC for another 8 years.
- The company should provide a physical demonstration of the device if asked for.
- BIS Approved or USFDA Approved or European CE certificate.
- Life cycle cost will be calculated with use of ECMO in 2 neonates (duration 10 days in one and 20 days in other) every year for 10 years

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**ANSARI NAGAR, NEW DELHI-110 029, INDIA**

## **TENDERENQUIRY DOCUMENT**

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



**Advertised Tender Enquiry No.: XX-42/SO(DO)/Pediatric/2026- 27/M&E**

**Brief Description of Goods : Purchase of Ultra high Performance  
Liquid Chromatography System  
(UHPLC) - 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-42/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
1.	Purchase of Ultra high Performance Liquid Chromatography System (UHPLC)	01 No.	INR Rs. 1,80,000/-

**CRITICAL DATE SHEET**

Published Date & Time	11-06-2026 at 04.00 pm
Bid Document Download/Sale Start Date	11-06-2026 at 04.00 pm
Seek Clarification Start Date	11-06-2026 at 04.00 pm
Seek Clarification End Date	19-06-2026 at 04.00 pm
Pre Bid Meeting	Already done
Pre Bid Meeting Place & Address	NA
Bid Submission Start Date & Time	26-06-2026 at 04.00 pm
Bid Submission End Date & Time	13-07-2026 (Monday) at 03.00 pm
Bid Opening Date & Time	14-07-2026 (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	Ultra high Performance Liquid Chromatography System (UHPLC)	Department of Pediatric	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.

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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**

**Ultra-High Performance Liquid Chromatography (UHPLC) System**

**Mandatory condition 1:** Fully PC controlled all in one UHPLC system with Integrated Quaternary pump having online /inbuilt vacuum degasser, Autosampler, and suitable all detectors to measure below listed analytes of interest .UV, FLR , RI, and ECD detector, Column Oven & Chromatography data controlling and analysing software. Consumables ,sample extraction and purification cartridges and start up kit for at least 6 month and 1000 samples

**Mandatory condition 2.** System should be provided and capable to analyse amino acids, fatty acids, acylcarnitines, Homocysteine , sugars and oligosaccharides , congenital disorder of glycosylation (CDG) transferrin's profiles, Porphyrin and Neurotransmitters, pterins, biogenic amines , and other Inborn errors of metabolites and condition .

**Mandatory condition 3.** It is essential that vendors should specify the system performance parameters clearly and all the specifications quoted should be available in their original company brochure or product data sheet. Any claims of specifications that are not documented in the company brochure will not be accepted. Point-wise compliance sheet must be provided enclosed with tender along with supporting documents/ certificates, otherwise offer will be technically rejected.

<b>UHPLC Pump Module</b>	<p><b>Quaternary Gradient system</b></p> <ul style="list-style-type: none"> <li>• Low-pressure quaternary gradient mixing</li> <li>• Solvent selection: Up to Four solvents</li> <li>• Seal Wash: Integral, active, automatic.</li> <li>• No. of Gradient Steps: Maximum 11 or better or equivalent</li> <li>• Gradient profile: Linear step, Concave &amp; Convex.</li> <li>• Maximum Operating Pressure: 9500 psi or more</li> <li>• Flow precision 0.075% RSD or Better</li> <li>• Flow accuracy <math>\pm 1.0\%</math></li> <li>• Total System dwell volume/delay volume <math>\leq 1400 \mu\text{L}</math> or less</li> </ul> <ul style="list-style-type: none"> <li>• PH Range 1- 12.5</li> <li>• Automated online PH and ionic control</li> <li>• Flow rate range: 00.010 to 5.000 ml/min or better.</li> <li>• Required sufficient consumables should be provided</li> </ul>
<b>Autosampler</b>	<ul style="list-style-type: none"> <li>• Sample Capacity: 90 vials or more of 2/1.5 ml capacity</li> <li>• MTP plate holder/rack with holding capacity of 2 plate or better</li> <li>• Standard injection volume range from 0.1 to 50 <math>\mu\text{L}</math></li> <li>• Injection Precision <math>&lt;0.30\%</math> RSD or better</li> <li>• Sample carry over: <math>\leq 0.004\%</math> or better</li> <li>• Temperature control 4 °C to 40 °C</li> <li>• Advanced capability: Auto dilution, auto addition and load ahead</li> <li>• Required sufficient consumables should be provided</li> </ul>
<b>PDA Detector</b>	<ul style="list-style-type: none"> <li>• Wavelength Range: 190-700nm or better</li> <li>• Wavelength Accuracy: <math>\pm 1\text{nm}</math> or better</li> <li>• Baseline Noise: <math>\leq 5 \times 10^{-6}</math> or less</li> <li>• Light source: Deuterium lamp and Tungsten lamp</li> <li>• Flow cell volume: 8-20microliter or better</li> <li>• Measurement Range: 0.0001 to 4.000 AU or better</li> <li>• Photodiode 512/1024</li> </ul>
<b>Fluorescence Detector</b>	<ul style="list-style-type: none"> <li>• Excitation Wavelength range 200 – 890 nm or better</li> <li>• Emission wavelength range 210-900nm</li> <li>• Bandwidth: 20nm</li> </ul>

	<ul style="list-style-type: none"> <li>• Flow cell volume 13 <math>\mu</math>L or better.</li> <li>• Light source: Xenon Lamp, with minimum Warranty 2000- Hours.or more</li> <li>• Wavelength Accuracy: <math>\pm</math>3nm</li> <li>• Sensitivity: S/N, Raman peak of water &gt;1000</li> <li>• Data channels: Up to four 2D channels or one 3D channel</li> <li>• Required sufficient consumables should be provided</li> </ul>
<b>RI Detector</b>	<ul style="list-style-type: none"> <li>• Refractive Index Range: 1.00 to 1.75 RIU or better</li> <li>• Flow Cell: Fused Quartz/Quartz glass</li> <li>• Flow cell Volume: 10 <math>\mu</math>L</li> <li>• Drift: <math>2.5 \times 10^{-7}</math> RIU/Hour or better</li> <li>• Temperature control: Internal oven 30 to 55 degree.</li> <li>• Light source: LED 870nm/Wlamp</li> <li>• Required sufficient consumables should be provided</li> </ul>
<b>ECD Detector</b>	<ul style="list-style-type: none"> <li>• Operating modes: DC, Pulse Scan</li> <li>• Oven +7°C above ambient to 60°C, accuracy 0.5°C, stability 0.1°C; accommodates column and flow cell(s)</li> <li>• DC Range: 10 pA - 200 <math>\mu</math>A in 1, 2, 5 increments or equivalent or better</li> <li>• Potential (Ec): -2.50 V to + 2.50V with 10 mV increments or better</li> </ul>
<b>Column Oven</b>	<ul style="list-style-type: none"> <li>• Operating temperature range Ambient to 100°C or better.</li> <li>• Temperature accuracy 0.8°C over entire range</li> <li>• Temperature stability 0.3°C or better</li> <li>• Solvent conditioning: Passive pre-heating as standard</li> <li>• Temperature control method-Forced-air circulation/Peltier-element or equivalent</li> </ul>
<b>Software</b>	<ul style="list-style-type: none"> <li>• Suitable original latest Licensed single software to control all modules of UHPLC System. Software should be freely upgradable for entire life of the machine and AMC+CMC period</li> <li>• Customizable data reports, online and offline help and answer wizards.</li> <li>• Full 64 bit architecture</li> <li>• Latest Windows (10/11) environment</li> <li>• Interactive control and display of solvent delivery</li> <li>• All functions and features accessible from a single window-use the command bar to navigate</li> <li>• Wizards to simplify and automate common system functions</li> <li>• Methods - instrument, processing and reporting parameters in one place</li> <li>• Embedded Oracle data base for better organization and easy retrieval of system user data</li> <li>• Software should be 21 CFR Compliant</li> <li>• Should be able to perform custom calculations</li> <li>• Diagnostic functions and configuration wizards</li> <li>• Extensive User help.</li> </ul>
<b>IQ/OQ</b>	<ul style="list-style-type: none"> <li>• Qualification of full system should be included</li> </ul>

<b>Warranty</b>	<ul style="list-style-type: none"> <li>• 2yearscomprehensive warranty with all spare and labour charges and comprehensive CAMC for next 8 years</li> </ul>
<b>Data station (Computer&amp; Printer)</b>	<ul style="list-style-type: none"> <li>• Latest configuration Computer windows 11 with Monitor (27 inch)available at the time of supply of the system which should be compatible with the Software quoted to run the UHPLC System.</li> <li>• Operating and analysing software should be freely upgradable for the entire life of the machine or for the 10 years of comprehensive warranty time , Backup drive should be provided with the system</li> <li>• Printer: Laser jet B&amp;W.</li> </ul>
<b>Calibration and Preventive checkup</b>	<ul style="list-style-type: none"> <li>• System and methods calibration along with annual preventive checkup should be inbuilt and performed on regular basis in the quoted price . And covered under AIIMS Comprehensive maintenance contract</li> <li>• All the hardware's and software's in form of consumables and non consumables and third party item should be covered in offered prices under Comprehensive warranty period of 2+8 as per rule</li> <li>• Calibration of the instruments and methods as per NABL guidelines should be inbuilt in offered price and done on regular basis</li> </ul>
<b>Application and technical services</b>	<ul style="list-style-type: none"> <li>• System should be supplied with full unconditional support of technical and application services from principle company as and when required on site or on call for the entire life of machine during whole AMC and CMC period</li> <li>• Shut down time should not be more than 24 hr and company must provide an alternative mode of processing of the samples nearby in case of machine is non functional .If the equipment is not working for more than 2 weeks (due to any service issues) then the warranty period must be extended by default for non-working period.”</li> <li>• Man power should be provided for at least two years and should be inbuilt along with the instruments in same offered price</li> </ul>
<b>Kits and Consumables and others</b>	<ul style="list-style-type: none"> <li>• Tool kit should be provided with the instrument.</li> <li>• Minimum 5 Columns depending on application(eg. 50x2mm; 2.1x100mm , 100x 4.6 mm ,4,6x150 mm or so) and guard column and samples derivatizing reagents and general solvents and reagents , kits and standards specific to the mandatory condition 2 should be provided FOC along with the instruments . amino acid kit should be quoted and one kit should be provided FOC</li> <li>• Start up kit for samples and instruments provided with the instruments ,containing all the component required to analyse and quantitate .</li> <li>• Rate of the consumables and kits should be quoted and fixed for next 10 years</li> <li>• Vendor must support shifting of the instrument free of cost within the institute and re installation as and when required.</li> </ul>

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