



SAST/CLPC/ACU-BGSMCH/ 160 /2025-26

Date: 26-11-2025

TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturer (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the **Procurement Of Flat Panel Cath Lab With Standard Accessories At BGSMCH Hospital, Nagarur, Nelamangala.** as per section I & II.

01	Name of the work	Procurement Of Flat Panel Cath Lab with Standard Accessories at BGSMCH Hospital, Nagarur, Nelamangala.
02	Last Date for Tender Submission	On or before 12.12.2025 before 5.30 PM

Section-1

Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clpchead@bgscet.ac.in** on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows
 - i) Tender for Procurement Of Flat Panel Cath Lab With Standard Accessories At BGSMCH Hospital, Nagarur, Nelamangala..
 - ii) Tender Reference number.....[Insert Number]
 - iii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmipuram, Bengaluru – 560086"
 - iv) The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.
- 2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.
- 3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.
- 4) **Warranty:** 3 years.
- 5) **Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the tender documents by amendment. Sri Adichunchanagiri Shikshana Trust reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.



- 6) **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 years of ITR declaration inside the envelope and the company contact details with email id on the in the below mention format in annexure - 1.
- 7) **Tender Prices:** Prices indicated on the price schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure - 2.
- 8) **Validity of the Bid:** 90 days from the last date of submission of bid.
- 9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:
 - a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.
- 10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the employer's processing of tenders or award decisions may result in rejection of his tender.
- 11) **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of tenders the employer may, at his discretion, ask and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the employers in the evaluation of the tenders.
- 12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to clpchead@bgscet.ac.in or telephone to +91-8123707324.
- 13) **Penalty Clause:** Non-execution of supply order – for the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
 - a) For the delayed supply (3 days of grace period) – 5% deduction
 - b) Quantity issues – 5 % deduction
 - c) Quality issues – 10% deduction

Section-2**Technical Specification**

SL. No	Particulars	Total Quantity in Nos.
1.	FLAT PANEL CATH LAB WITH STANDARD ACCESSORIES:	1

TECHNICAL SPECIFICATIONS FOR FLAT PANEL CATH LAB WITH STANDARD ACCESSORIES:**System Description:**

- 1) Gantry:
 - a) Ceiling/Floor suspended gantry free better maneuverability. Facility for motorized positioning/rotation of stand from the floor base/ceiling pivot by +/-90 degrees for improved workflow and for ease of operation from both left and right side of the patient in addition to zero degree normal head end position. Patient access should be possible from either left or right side.
 - b) Gantry should move at 18 deg/sec or higher rotation speed with non-contact sensing mechanism (no collision protection switches). Gantry rotation/ angulation +/- 120 deg and +/-45 deg respectively.
 - c) Storage and recall of 2 gantry positions for PTCA should be possible. Gantry depth should be 105cm or more for better groin access.
- 2) Table: Motorized up/down, free floating 4 way table top, least radiation attenuation, atleast 200kgs + at least 100kgs of additional weight for resuscitation in the metal free overhang area without having to retract the table back on its bas.
- 3) Detector:
 - a) Flat Detector of latest generation of minimum 12 inch size diagonally, 1024 x 1024 at 16 bits acquisition.
 - b) 3 formats of zoom
 - c) DQE of the entire detector: Not less than 75% higher preferred: pls specify spec.
 - d) Min pixel pitch < 154um or lower preferred for better resolution.
- 4) **Image Processing & storage:**
 - a) Minimum 100,000 images on line in 1024 X 1024 matrix with 10 bit storage immediate replay to be available in the main system hard disk(not reckoning the storage space in the CD station).
 - b) Images can be acquired at 3.75/7.5/15 images per second speed both in fluoro and cine acquisitions.
 - c) Pulsed fluoroscopy should be available at above frame rates.



- d) Clinically validated QCA online in the exam room. It should be possible to do QCA from tableside.
- e) It should be also possible to do QCA in the console room.
- f) System should be capable of virtual collimation of the shutters and wedges in the last image to reduce the xray dose.
- g) System should be capable of measuring and displaying patient dose.
- h) System should be capable of storage and display of dynamic fluoro sequences.
- i) System should be capable for printing/sending dicom images on to a dicom printer/laser camera.
- j) Lower frame speeds of 1,2,4 or 6 images/sec for carotid/renal/abdominal aortic applications:
- k) True On-line DSA at above selectable frame speeds.
- l) System should have road-mapping facility wherein subtracted roadmap is superimposed on live fluoroscopy.

5) X-ray Tube:

- a) A noise-free, oil cooled, rotating anode x-ray tube with spiral groove bearing and liquid metal lubricant for faster cooling should be provided.
- b) Anode Heat Capacity: Anode Heat Storage should be atleast 3.5 MHU or more.
- c) Cooling rate or heat dissipation in kW should be at least 8,000W: Highest preferred.
- d) Additional beam filtration of atleast 0.9 mm Cu equivalent. Different filter sizes protocols to be freely selectable by cardiologist at the tableside. The filters should not reduce in thickness with increase in patient thickness or in deep angulation.
- e) X-ray tube should have secondary grid switching to reduce harmful soft x-rays to patients and Drs.
- f) System should be capable of delivering minimum 3200W continuous fluoro power.

6) Monitors:

- a) 18" LCD-TFT Monitors in exam room for live and roadmap images in exam room with monitor suspension movement across either side of the patient table as well as head/foot end.
- b) The monitor carriage should have motorized up/down movement for fixing the monitor at eye level.
- c) TFT Monitor for live image review in control room.
- d) An additional monitor for patient database is must for user-friendly patient entry without inhibiting live fluoroscopy viewing on slave monitor.
- e) System should have facility to do rotational Angiography where in the gantry can automatically rotate 90 degrees or more while doing parallel acquisition. The rotational scan speed should be minimum 55deg/sec.
- f) It should be possible to do automatic dual axis rotation wherein both rotation and angulation movements are combined in one single scan



trajectory to reduce the x-ray dose and contrast required for doing an angio procedure.

- g) Better Stent Viewing HW and SW to significantly improve localized stent visibility in addition to any inbuilt software for stent visibility improvement.
 - h) Stent viewing SW should have capability of showing fade-in fadeout of lumen for better stent visibility in relation to coronary artery wall.
 - i) Table side menu-driven with all software including Stent-boost facility.
 - j) System should have ability to record DSA runs on the CD and the embedded viewer should support review of these DSA runs at referring physicians PC.
 - k) Doctors, Nurses and operators training at site by specialist from supplier.
 - l) Remote service control with on-line facility nodal point in India.
- 7) Integrated Hemodynamic Recorder-** Minimum 2 invasive pressures and 3 channel ECG, with SPO2, NIBP, respiration and Cardiac output measurements with accessories 2 sets along with A4 Size printing facility. It should have a display on the monitor carriage. Recording facility to be standard.
- 8) Ceiling and Table mounted shields, Arm Support.
 - 9) Two-way microphones with speaker system.
 - 10) Examination lamp-230V, Ceiling mounted, Working distance 70cm to 140 cm
Luminance:50000, Light Body diameter:22cm.
 - 11) Continuous auto-push of images.
 - 12) AERB type approval

02) TECHNICAL SPECIFICATIONS FOR THIRD PARTY ITEMS REQUIRED FOR FLAT PANEL CATH LAB

Sl. No	Description	Qty
1	Single Head Pressure injector with 200 Syringes(50ml)and should be CE approved	1 NO
2	Lead Glass (2m*1m) and should be FDA/CE approved	1 No
3	120 KVA UPS for the complete systems as per tender requirement with 30mins back-up	1 No
4	Lead Aprons Wrap Around and should be CE approved	6 Nos
5	Lead Aprons Non Wrap Around and should be CE approved	6 Nos
6	Thyroid shield	6 Nos
7	Lead Eye Glasses and CE approved	6 Nos
8	Automated Clotting Time(ACT) High Range Activated Clotting Time: 50 cartridges Low Range Activated clotting Time: 50 cartridges Heparinase Test Cartridge:20 cartridges	1 set

	Recalcified Activated Clotting Time: 50 cartridges General purpose cartridge(GPC):50 cartridges Actuator cleaning kit Each	
9	Hemoximeter with O2 saturation system	1 No
10	Bi-phasic Defibrillation/Monitor/Recorder with AED, transcutaneous Pacing.SpO2, NIBP & ETCO2 monitoring parameters and internal paddles Accessories: Paid of Adult External Paddles with integrated pediatric paddles-01 No. 3 lead ECG cable-03 nos Lithium ion battery – 01 no Recorder Paper roll – 01 no	1 No
11	Color Laser printer for hemodynamic monitor(HP) or equivalent	1 No



Annexure – 1

PARTICULARS OF THE BIDDER

Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no., Branch, IFSC, MICR)	

Annexure – 2

The Bidder must quote the rate in the Item Data available online with this bid.
Details to be filled up for price bid are as below:

The price shall be inclusive of all taxes (inclusive of GST) under the relevant Laws of India.

SL. No	Particular	Amount In Rs. (Inclusive of All the taxes)
1	Total Cost for the Procurement of Flat Pannel Cath Lab with Accessories at BGSMCH Hospital, Nagarur, Nelamangala.	
Total in Rs and in words –		

SL. No	Item Description	Quantity in Nos.	Unit Rate	Total Commercial Cost in Rs.
1	Total Cost for the Procurement of Flat Pannel Cath Lab with Accessories to BGSMCH, Nagrur, Nelamangala	1		
2	Total cost for Flat Pannel Cath Lab with Accessories on Rental Purpose to BGSMCH, Nagrur, Nelamangala (per month or per use)	1		
3	Total Annuity payment for the procurement of Flat Pannel Cath Lab with Accessories to BGSMCH, Nagrur, Nelamangala (Finance Lease / Operating Lease)	1		
	Total Price (Exclusive GST) in Rs.			