STORE SECTION (D.O.)

ALL INDIA INSTITUTE OF MEDICAL SCIENCES

ANSARI NAGAR, NEW DELHI – 110029

Ref. No. XX-89/SO(DO)/Urology/2026-27/M&E **Dated: 13.11.2026**

CORRIGENDUM

It is informed that the tender bearing no. XX-89/SO(DO)/Uro./2026-27/M&E and CPP tender I.D. No. 2026_AIMSD_929151_1, procurement of Flat Panel C-Arm X-ray - 02 Nos., was published through CPP portal. Subsequent to pre-bid meeting, the technical Specification are revised on the feedback received from potential vendor & dates of tender has been extended, as per TSEC recommendation and detail given below:

Sl. No.	DETAIL	EXISTING	AMENDED/ EXTENDED
1.	Bid submission END Date	16.11.2026	25.11.2026
2.	Bid Opening Date	17.11.2026	26.11.2026
3.	Technical Specification	Enclosed revised technical specification. **Annexure-I**	

All other terms & condition of the tender are same.

(MANOHAR ARYA)

Sr. Store Officer (DO)

ANNEXURE-I

All India Institute of Medical Sciences, New Delhi
Department of Urology

Technical specifications for flat panel C-arm X-ray – 2 (Two) unit (Re-tender, revised specifications after pre-bid meeting)

The system should have the following essential features:

1. State-of-the-Art, Compact, Easily Transportable Flat panel detector, fully-motorized,Mobile C-Arm X-ray Unit.
2. Generator and X-ray Tube:
   a. Generator should be high frequency type, with power output of 25 KW or more with the following modes:
      i. ContinuousFluoroscopy
      ii. PulsedFluoroscopy
      iii. Digital Radiographymode
   b. The range of KV should be minimum 40 KV or lower; maximum 120 KV or higher for each mode.
   c. Each mode should be 15 mA ormore
   d. The Generator should be capable of providing Pulse Fluoroscopy with Pulse rates up to 15 frames/secor more.
   e. Foot switch for fluoroscopic control should beprovided
   f. Automated dose regulation and manual mode of fluoroscopy should be available
   g. X-ray tube should havea:
      i. Dual focal spot through rotating anode with lower focus at 0.3mm or lessand higher at0.5mm or more
      ii. Focal spot of nominal value suitable for Fluoroscopyand Radiography.
      iii. Nominal X-ray tube voltage 120KV.
      iv. Additional safety filters must be inbuilt into thetube
      v. Automatic Dose Control.
      vi. Heat storage capacity should be 300 KHU or more. Minimum of 10 minutes of continuous fluoroscopy should bepossible.
      vii. Thermal protection device should beavailable
   h. Collimator unit: Shutters/Diaphragm for radiation free collimation and 360° rotation.
3. C-Arm:
   a. Fully counterbalanced&motorizedC-Arm movement with integrated cables, electromagneticbrakes, laser positioning system & automatic position control presets facility. ALL movements from points i-v below should be motorized as well manual override.
   b. Should have:
      i. Angulation movement minimum range +/- 180
      ii. Orbital movement minimum range +90 / - 25
      iii. Vertical movement minimum 45 cm
      iv. Longitudinal movement minimum 20 cm
      v. Swivel/wig-wag range up to +/- 10
      vi. Source to detector distance 97 cm or more
      vii. Minimum of 76 cm free spacewithin the C- Arc to provide a large imagingspace.
      viii. The C-Arm depth should be 72 cm or deeper to provide a large imaging space and C-Arm clearance around the patient and the imagingtable.
4. Flat paneldetector

a. Flat panel detector with sizes of 20 x 20 cm or more
b. Minimum resolution should be atleast1lp/mm
c. It should have atleast 1Kx1Kpixels
d. Image rotation and top/bottom and left/ right reversal should bepossible
e. System integrated laser targeting is essential

5. Imageviewing
   a. Two LCD monitors of 19" size or more (medical grade) mounted on a trolley should beprovided.
   b. The display system should have a minimum brightness of330cd/m2
   c. Last image hold facility should beavailable
   d. Cine image acquisition and long cine loop visualization in real time should be available through either control console or separate add-on image viewing system
   e. System should have a hard disc drive storage capacity of 10000 imagesor more with post-processingfacility
   f. Storage and transfer facility to CD or pen drive should beavailable.
   g. Alphanumeric keyboard/touchscreen for entering patient data and for image annotation etc.
6. ImageDocumentation:
   a. The unit should be DICOM ready for networking to the hospital network & any PC andPACS.
   b. Should be possible to archive images on CD R / W or USB in DICOM 3format.
   c. Should have one thermalprinter and supplied with 10 compatible thermal paper rolls.
   d. Should have fluoroscopic video recording system and have facilityto transfer data to CD or pendrive in standard file format like jpeg/tiff or avi/mp4 or other similar formats
7. Essential Accessories:
   a. Zero Lead Aprons (light weight) single piece, only front and side (non wrap-around):10
   b. Gonadal shield :10
   c. Thyroid shield :10
   d. OT table side radiation curtains to reduce radiation scatter with hook hangers, length 20 inch (±10%), width 6 inch (±10%): 8
   e. OT table side radiation curtains to reduce radiation scatter with hook hangers, length 12 inch (±10%), width 6 inch (±10%): 8
   f. Integrated dose measuring chamber displaying the dose at the end of the study must beavailable.
   g. Flat panel disposable plastic sterile covers: 1000
   h. Fit over Radiation Shielding eyeglasses: 10 with following features:
      i. Should belight-weight
      ii. Provide very high x-rayprotection
      iii. Comfortable, easy to wear over regularspectacles
      iv. Frame should be constructed of durable non-breakable light weight material
      v. Should offer radiation protection of 0.75 mm of Lead equivalent ormore
      vi. 0.35 mm lead Lateralprotection
      vii. Frame should be CEcertified/BIS approved
8. Compatible UPS electrical back-up for 15 min or more for full system
9. Other features:
   a. Quoted equipment should meet USA FDA / European CE / equivalent BISapprovalstandards.
   b. The system offered should have AERB type approval / NOC for installation and use in India.
   c. CDSCO and all other regulatory permissions required to install and make the machine full functional within the time period granted after award of tender, must be available with the vendor at the time of filing the bid.
   d. All information in the tender document must be supported by original product data sheets. Computer generated data sheet shall not beaccepted.

e. All information asked for must be provided in the compliance statement under the headings givenabove.
f. Supplier must ensure the availability of 'expertise service' and maintenance in New Delhi. Spare parts and repair for the next 10 years must beensured.
g. ApplicationSpecialistshouldbeavailableforon-sitetrainingx10days
h. Technical demonstration of the exact equipment that is quoted is mandatory on the time and date specified after opening of the bids. Bidders failing to demonstrate the equipment may be summarily disqualified.
i. There must be at least one fully functional installation of the equipment quoted, in India, at the time of the technical demonstration.
j. DICOM format image transfer facility to remote workstation for image review/archive.

10. Installation:
    a. Installation, including networking, shall be free of cost and shall be the responsibility of the supplier. All accessories like cables, ports and spares etc as necessary for complete, smooth and breakdown-free functioning of the entire system shall be the responsibility of the supplier.

11. After installation warranty:
    a. Equipment must be quoted with two years comprehensive onsite warranty and 3 years CAMC of the equipment, inclusive of all parts/components including X-ray tube, batteries of UPS, with free updation with newer software technology, as and when evolved. The supplier shall separately quote annual CMC rates for 5 years (inclusive all parts as above) in continuity from 6-10 years with year wise break up.
    b. In case of a fault/non-functioning of machine, it must be restored to full functionality within 48 hrs of information with an annual uptime of 95% i.e. downtime no greater than 8 days in a year. If the total downtime is expected to exceed 48 hrs on any one instance or more than 8 days in a year, the vendor must provide a replacement device of same type and functionality failing which penalty @0.5% of the total cost of the device will be levied for each day, or part thereof, of delay. Further, the warranty or CMC period will be extended by twice the number of days for which the device has been non-functional beyond the permissible downtime.