

Amendment No. 08**Date: 21.06.2023****Sub: Amendment No.08 to the Tender Enquiry Document****Ref: (i) Tender No: HITES/PCD/AIIMS PATNA/04/22-23 dated 30-03-2023****SECTION – VII
TECHNICAL SPECIFICATIONS**

Technical Amendment - HITES/PCD/AIIMS PATNA/04/22-23 dated 30-03-2023		
Item Name: Biplane DSA Unit		
Tender Page & Para	TENDER SPECIFICATION	COMMITTEE RECOMMENDATION
2	Table	
	To be added	Added Para Table attachment should be additionally provided with the Retrograde IR Platform support on patient table for your equipment needs, providing a large, stable area for catheter/guide wire manipulation and management. The height adjustable work surface conveniently aligns with the femoral access site and improves patient comfort by eliminating the need to work directly on or around the patient's legs
4	X ray Tube	
4.2	The X-ray tube should have anode heat storage capability of at least 3.0 MHU or more to run continuous for 6-8 hours without shutting off with Anode heat dissipation /cooling rate should be 18000W or more.	The X-ray tube should have anode heat storage capability of at least 3.0 MHU (true value) or more to run continuous for 6-8 hours without shutting off with Anode heat dissipation /cooling rate should be 18000W or more.
6	Digital Imaging system	
6.9	The system should have facility of 3D rotational angiography & 3D Roadmap. The facility should be 3D reconstruction/fusion overlay of brain and heart. Latest Cone Beam CT should be possible with the capability of latest Sinusoidal/Helical scan.	The system should have facility of 3D rotational angiography & 3D Roadmap. The facility should be 3D reconstruction/fusion overlay of brain and heart. Latest Cone Beam CT should be possible with the capability of latest Sinusoidal/Helical scan. It should have 3D roadmap facility in both AP and lateral plane
	Added Para	Added Para DQE of both the dectectors plane should be more than 77% in order to get the better image quality at lesser dose.

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	Added Para Radiation Protection	
2	The System must have latest generation software /hardwares package for radiation safety of operator and patient with documataion of radiation dose per fluroscopy online the clarity IQ , OPTIQ and Auto Right or Similar other equivalent.	The system must have latest generation software- hardware packages for radiation safety of operator and patient with documentation of radiation dose per fluoroscopy/cine time like CLARITY IQ or CARE & CLEAR or similar other equivalent.
14	Site Modifications	
(a) Flooring (1)	800x600mm vitrified tiles with 100mm skirting match in consoled room, lobby and patient preparation area, radiologist room.	600x600mm vitrified tiles with 100mm skirting match in consoled room, lobby and patient preparation area, radiologist room. 300x600mm on toilet walls and 300x300mm on toilet floors should be provided
(d) Plumbing work (3)	All water pipes and fitting shall be high density polythene of approved and standard make, the grating shall be brass chrome plated. All plumbing accessories should be standard make	No change
Airconditioning	Option for negative pressure lab with exhaust and HEPA filters should be provided	Deleted
Miscellaneous iv	Fire extinguishers Dry CO2 ABC type as required for the building safety – 2nos	A fire-detection and alarm system comprising of Smoke / heat detectors, response indicators integrated in the ceiling and fire panel will be provided. Fire extinguishers Dry CO2 ABC type of 4kgs required for the building safety – 3nos.