

Amendment No. 10**Date: 11.07.2023****Sub: Amendment No.10 to the Tender Enquiry Document****Ref: (i) Tender No: HITES/PCD/AIIMS PATNA/04/22-23 dated 30-03-2023****SECTION – VII
TECHNICAL SPECIFICATIONS**

Item Name: Biplane DSA Unit		
Tender Page & Para	TENDER SPECIFICATION	Amended AS
4	X-Ray Tube	
4.1	X-ray tube should be with fine focal spot (small & large) with high cooling rate to ensure continuous operational cable pulse fluoroscopy on both focal spots. The large focus power output for both the planes should be 80 KW or more . The pulse fluoroscopy should be offered with pulse rate of 7.5 frames/sec to 30 frames/sec	X-ray tube should be with fine focal spot (small & large) with high cooling rate to ensure continuous operational cable pulse fluoroscopy on both focal spots. The large focus power output for both the planes should be 65 KW or more . The pulse fluoroscopy should be offered with pulse rate of 7.5 frames/sec to 30 frames/sec.(same as suggested by HITES)
4.3	Added para: X-Ray Tube must have secondary grid switching/ flat emitter technology in both fluoro & cine.	X-Ray Tube must have secondary grid switching to reduce the scattered radiation and equivalent technology .
6	Digital Imaging system	
6.9	it should be read as- 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	The System should have the facility of 3D rotational angiography & 3D Roadmap. The facility should be a 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 a 3D acquisition facility including Cone beam CT in both AP (Frontal) and lateral plane.
7	Monitors / Display:	
7.3	"Control room should have at least 4 nos of 19 inch medical grade monitors for display of live playback reference images of each plane	"Control room should have at least 2 nos of 19 inch medical grade monitors for display of live playback reference images of each plane
	Added Para	Training on site training of 4 weeks each to be provided in scattered manner Training also should be provided .2-3 times for doctors of the department in a dedicated Neuro intervention centre in India for the supplied model.

Note: If EMD is submitted in the form of BG/FDR, then the validity of the BG/FDR should be at least 775 days from the date of tender opening.

All other terms and conditions of the tender enquiry remain unaltered