

Tender No. JNme Cath Lab(P) Tender/08/2017-18 dated 29/5/2017 due 20/6/2017

01.	Cardio Vascular Angiography System J.N. MEDICAL COLLEGE HOSPITAL A.M.U. ALGARH D.No. 938/MCH DATED 02/6/2017	State of the art US FDA approved , single plane floor / ceiling mounted C-arm/G-arm Cardiovascular Angiography system with flat detector technology digital imaging system for diagnostic procedures and interventional cardiovascular procedures, valvuloplasty and vascular Angiography and online DSA.	01
		Recommendations: The company should have the experience of installation of the machine in at least 8-10 Government Hospitals. The response time for the service should be within 24 hrs of the complaint.	
		1.0 C-Arm /G Arm Multi-directional floor/ceiling mounted 1.1 All movements should be motorized with C-Arm angulations of minimum RAO/LAO + 105 deg. / -105 deg. CRAN/CAUD + 45 deg 1.2 The system should have facility for at least 30 user defined programmed position of the C-arm and table. 1.3 Motorized parking of C-Arm incase of catastrophe for resuscitating the patient 1.4 Head to toe coverage of patient without repositioning should be possible 1.5 The C arm should have auto collision protection with patient & the table. 2.0 Table 2.1 Floor mounted table with carbon fiber table top with floating table top , motorized up/down movement, with minimum 160 kg patient weight handling capacity with head side tilt facility. 2.2 Table rotation facility for emergency patient handling and easy patient transfer 3.0 X-Ray Generator: 3.1 100 KW or more compatible with high resolution imaging 4.0 X-Ray Tube: 4.1 X-Ray tube should be with fine focal spot (small & large) with high cooling rate to ensure continuous operation, capable of pulsed fluoroscopy on both focal spots. The large focus power output should be 80kW or more. 4.2 The X-Ray tube should have Anode heat storage capacity of at least 2.4 mHU or more to run continuously for 6-8 hours without shutting off 5.0 Radiation protection: 5.1 The system should have integrated computer controlled (preferably automatic) X-Ray Beam filtering with copper filters of various size from 0.2 mm to 0.9 mm to reduce soft radiation for fluoroscopy and acquisition mode. Please list the special filters available. 5.2 The system must have all software/hardware packages for radiation safety of operator and patient 5.3 System should meet all National & International safety standards & comply with BARC & AERB guidelines. 5.4 System must have radiation safety package like CARE& Clear/Allura Clarity or equivalent for safety of patient and operator	

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