



बी.पी. कोइराला स्वास्थ्य बिज्ञान प्रतिष्ठान, धरानको

कोटेशन माग गरिएको सुचना

सुचना प्रकाशित मिति: २०८०/०८/११

यस प्रतिष्ठानलाई आवश्यक तपशिलका उल्लेखित Fluoroscopy C-Arm Machine खरिद गर्नुपर्ने भएकोले इजाजत प्राप्त प्रतिष्ठानमा सुचि दर्ता गरेको फर्म, संस्था, कम्पनीबाट अद्यावधिक फर्म दर्ता प्रमाणपत्र, मु.अ.कर दर्ता प्रमाणपत्र, आ.व.२०७८/०७९ को कर चुक्ताको प्रमाणपत्र प्रतिहरु संलग्न गरी यो सुचना प्रकाशित मितिले ७ दिन भित्र कोटेशन पेश गर्नुहुन सुचित गरिन्छ । माग गरिएको कोटेशन तोकिएको म्याद भित्र प्रतिष्ठानको दर्ता चलानी फाँटमा खामबन्दि दर्ता गर्नुहुन वा quotation.procurement@bpkihs.edu मा email मार्फत पेश गर्नुपर्नेछ ।

SN.	Product Name	Qty	Unit
1	Fluoroscopy C-Arm Machine	1	Nos

TECHNICAL SPECIFICATIONS OF FLUOROSCOPY C-ARM MACHINE

S.N.	Technical Specifications	Bidders Proposed Technical Specifications (Yes / No)		
		Yes	Remarks	Page No. In Catalogue
	Fluoroscopy C-Arm Machine			
	Name of bidder			
	Manufacturer			
	Made in			
	Country of Origin			
	Model No.			
	Brand			
	X-ray Generator and X-ray tube			
	• High Frequency (50KHz)			
	• Output power should be 5KW or more			
	• Fluoro & Rad. KV 40 to 120KV			
	• Radiographic mA: 120mA or more			
	• Fluoroscopic mA			
	• Up to 5mA or more (Normal Mode)			
	• Up to 10mA or more (High Definition Fluoro)			
	• Monoblock tube head having dual focus rotating anode X-Ray tube of dual focal spot 0.3mm (small focus) & large focus (0.6mm) should be provided.			
	• Anode Heat Storage capacity should be at least 300KHU or more			
	• Fix Cylindrical Collimator should be provided			
	• C-Arm			
	• Rotation: ± 180 Degree.			
	• Motorized Up/Down: 420mm or more			
	• Horizontal travel: 200mm or more			
	• Arc Orbital Movement: 120 Degree.			
	• Wig Wag: ± 12.5 Degrees			
	• Source to Image distance should be more than 940mm			
	• Depth of "C" should be at least 600mm			
	• Image Intensifying Tube: 9 Inches, Triple Field.			
	• High Resolution Compact Camera.			
	• Monitor: 32" TFT/LCD Monitor with Split Screen display for live & reference image display along with a trolley.			
	• A very compact, soft touch control panel (APR) with L.C.D display on which KV, fluoro mA, radiography mAs, fluoro time, I.I Zoom, error interlocks for KV, filament and thermal overload are displayed.			
	• Console Panel should have Following Functions & Indications:			
	• APR Mode (Anatomical programming) that is preselected parameters should be programmed in machine as per body parts selected / to be selected. APR should cover Head, chest, abdomen and extremities.			
	• Machine ON/OFF switch			
	• 1.1 magnification, 1.1 field 9", 6" and 4.5" selection switch			
	• System for "Emergency Fluoro" mode must be provided.			
	• In built radio timer that enables to select mAs from 1 to 200 in 23 steps for radiography.			
	• Fluoroscopy timer: Five-minute cumulative timer with buzzer that activities after the completion of 300 Seconds of exposure and to reinitiate the exposure reset switch is provided.			
	• ABS (Automatic brightness Stabilization) selection for hands free operation.			
	• KV and mAs increase and decrease switches			
	• X-ray ON switch with indicators			

• Switches for up/down movement of "C" on both side of panel.			
• Emergency OFF Switch on the control panel.			
• Radio and Fluoro Exposure ON switches on Panel.			
• Various interlocks are displayed on LCD Screen for Self-diagnosis. <ul style="list-style-type: none"> • KV Interlock • Filament Interlock • Thermal Interlock 			
• Memory System should include the following: -			
• Pre-Processing <ul style="list-style-type: none"> • Operating Modes-Live, LIH • Averaging 1 to 16 frames • Real time rotation/flip • Real time negative image • Circular blanking (Masking) • Image grabbing in Fluoro and cine mode 			
• Post Processing <ul style="list-style-type: none"> • Brightness / Contrast Adjustments/Enhancement with control of WW & WL • Negative Image Feature • Image zoom (x2, x3) with pan • Image Flip UP/DN & L/R • Image rotation feature • Quad view 			
• Storage & Connectivity <ul style="list-style-type: none"> • PC connectivity through LAN port • Image storage/ Read through USB 			
Terms and conditions			
• The Unit should be European CE marked to European medical devices.			
• The unit should be approved by AERB .			
• The supplier must provide comprehensive warranty of two years.			
• The supplier would be completely liable for installation of the machine.			
• The Supplier must submit the original brochure or e-copy.			
• The supplier should fill the technical tender form and clearly mention the manufacturer, model no., and country of origin/Made in, else technically will be disqualified.			