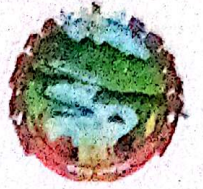




बडिगाड गाउँपालिका गाउँ कार्यपालिकाको कार्यालय



प.सं. २०८१/०३
च.नं. १

गण्डकी प्रदेश, नेपाल
मिति: २०८३/०३/०१

सूचिकृत हुने सम्बन्धी सूचना ।

प्रथम पटक सूचना प्रकाशन मिति: २०८३/०३/०१

यस गाउँपालिकाको कार्यालय अन्तर्गतमा रहेको बडिगाड आधारभूत अस्पतालको लागि ५०० mA को एकसरे मेसिन क्याटलग सपिङ्ग बिधिबाट खरिद गर्नु पर्ने भएको हुदाँ ईजाजतप्राप्त उत्पादक कम्पनि वा अधिकृत बिक्रेताले यो सूचना प्रकाशित भएको मितिले सात दिन भित्र फर्म/कम्पनि दर्ताको प्रमाणपत्र स्थायी लेखाको प्रमाण पत्र विकरण भएको ईजाजतपत्र आ.ब.२०८१/८२ को कर चुक्ता गरेको प्रमाणपत्र तथा फर्म/कम्पनि सम्बन्धित अन्य कागजात समेतको प्रतिलिपि संलग्न गरि यस गाउँपालिकामा सूचिकृत हुन यो सूचना प्रकाशित गरिएको छ । थप जानकारीको लागि यस कार्यालयको website : <https://badigadmun.gov.np> हेर्न हुन वा यस कार्यालयको जिन्सी एवं स्वास्थ्य शाखामा सम्पर्क राख अनुरोध गरिन्छ ।

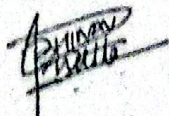
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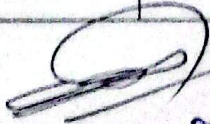
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X-Ray Machine 500 mA with accessories

S.N.	Purchaser's Specifications	Bidder's Compliance (Yes / No)	Reference Page No.	Remarks
	X-Ray Machine 500 mA with accessories			
	Manufacturer			
	Brand			
	Type/Model			
	Country of Origin			
1	Description of Functions			
1.1	A general purpose Line Frequency X-ray machine 500mA with Manual Horizontal Table			
2	Operational Requirements			
2.1	It shall be suitable to be used for adult, pediatric and infant patients in general Radiography examination.			
3	System Configurations			
3.1	X-ray Generator, 1 unit.			
3.2	X-Ray tube & tube support system, 1 unit.			
3.3	Manual Horizontal Bucky patient table, 1 unit.			
4	Technical Specifications			
I	X-ray Generator:			
4.1	Generator Output: not less than 40 kW			
4.2	Radiographic voltage: 40 kV to 100kV.			
4.3	Radiographic current: 50 to 500mA.			
4.4	Exposure time: approx. 0.01sec (1msec) to 5 sec in 24 steps.			
4.5	Shall come with overload protection device.			
4.6	Power supply: 3 phase, 380-415V 50/60Hz.			
II	Control Console:			
4.7	Digital display for parameters.			
4.8	Minimum 2-point exposure technique.			
4.9	Status display.			
4.10	Shall come with radiography remote control in control room.			
III	X-Ray Tube: Bidder shall indicate brand and model information here and provide technical data document for X-ray tube offered.			
4.11	The tube assembly shall be floor to ceiling mounted.			
4.12	Max. Exposure voltage: 100KV.			
4.13	Max. Exposure current: 500mA.			

Er. Abhinav Anand Dutta
Biomedical Engineer
NEC No.: 87794




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4.14	Large focus not more than 2.0 mm.			
4.15	Small focus not more than 1.0 mm.			
4.16	Maximum tube voltage 100 KV. Maximum tube output shall match with the generator output of not less than 40 KW.			
4.17	Filtration: min. 2.5mm Al equivalent.			
4.18	Cooling method passive or forced air and/or oil cooling.			
4.19	The anode shall be a rotating anode, with a speed not less than 3000rpm.			
4.20	Anode heat capacity shall not be less than 140kHU.			
4.21	It shall come with tube overload and overheat protection.			
IV	Floor to Ceiling Tube Stand:			
4.22	Longitudinal travel: approx. 1700mm.			
4.23	Vertical travel: from in the range 600 -1900mm.			
4.24	Rotation of tube arm around vertical axis: 180°; lockable at 0° to +/- 90°.			
V	Collimator:			
4.25	Collimator with manual exposure field setting having additional filters for Dose Reduction.			
4.26	Halogen lamp.			
4.27	Horizontal Bucky Table Radiography patient table.			
4.28	Radiography table top dimension: approximately 2200L x 650 W mm with effective X-ray transparent area of approximately 1750 x 650mm.			
4.29	It shall be a radio-translucent multi position table top with load capacity of more than 200kg.			
4.30	Come with grid and cassette tray, with grid ratio: 10:1. Grid line number: approx. 40 line/cm.			
4.31	Cassette size: accept all sizes up to 35x43 cm type.			
VI	Vertical Bucky:			
4.32	Vertical travel: from in the range 460-1700mm.			
4.33	Moving Grid with Grid ratio not less than 10:1.			
4.34	Cassette size: accept all sizes from 5"x7" to 14"x17".			
5	Accessories, Spare Parts and Consumables			
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).			
6	Operating Environment			
6.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
6.2	Power supply: 380-415VAC 3 phase 50Hz fitted with appropriate plug for X-ray generator.			

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7	Standards & Safety Requirements			
7.1	Must submit ISO 13485 2016 and BIS, AERB Approved product or Equivalent			
7.2	CE (93/42 EEC Directives) or USFDA or BIS/AERB approved product certificate			
8	Installation and Commissioning & User Training			
8.1	Supplier must accomplish proper installation and commissioning of the equipment onsite			
8.2	Must provide user training (including how to use and maintain the equipment)			
9	Warranty & Maintenance Service During Warranty Period			
9.1	Comprehensive warranty for 2 years after installation			
9.2	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required			
10	Authorization			
10.1	Manufacturer's Authorization or Local Distributor Authorization (Manufacturer's Authorization to the main Distributor is also required in case of Local Authorization)			
11	Documentation			
11.1	User (Operating) manual in English			
11.2	Service (Technical / Maintenance) manual in English			
11.3	Certificate of calibration and inspection from factory.			
11.4	Shall accomplish all the Qualification Criteria of the bidder mentioned in the main bid document			


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