



पञ्चेश्वर गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय

आम्चैतडी
सुदूरपश्चिम प्रदेश, नेपाल

सम्पर्क: ९८५८७८४०००

Email: info@pancheshwormun.gov.np

प.सं.: २०८२/०८३

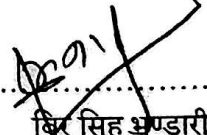
च.न:

मिति: २०८३/०२/०७

श्री जो जस संग सम्बन्ध राख्दछ ।

बिषय:- दररेट पेश गर्ने सम्बन्धमा ।

प्रस्तुत बिषयमा यस गाउँपालिका अन्तर्गतका स्वास्थ्य संस्थाहरूका लागि आ.व. २०८२/०८३ को वार्षिक बजेट तथा कार्यक्रम अनुसार X-Ray मेसिन खरिद प्रकृया अगाडि बढाउनु पर्ने भएकाले लागत अनुमान तयार गर्ने प्रयोजनार्थ तपसिलको स्पेसिफिकेशन सहितको सामग्रीको दररेट यो सुचना प्रकाशन भएको मितिले तीन (३) दिन भित्र यस कार्यालयको ईमेल ito.pancheshwormun@gmail.com मा पेश गर्नहुन अनुरोध छ।


बिर सिंह भण्डारी
प्रमुख प्रशासकीय अधिकृत
प्रमुख प्रशासकीय अधिकृत

तपशिल:-

Mobile X ray System with flat panel detector		
S.N.	Purchaser's Specifications	Bidder's Offer
	100mA X-Ray Machine with Flat Panel Detector	
	Manufacturer	
	Brand	
	Type/Model	
	Country of Origin	
1	Description of Function	
1.1	A line frequency X-Ray Machine 100 mA & Flat Panel Detector	
2.1	System Configuration	
21	Line Frequency X-Ray Machine (100mA) & Flat Panel Detector	
3	Technical Specifications	
A	X-Ray Machine	
	Mobile X ray	
3.1	Radiographic mA: Up to 100 mA	
3.2	Power frequency: 50 or 60 Hz	

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3.3	Kvp range: 40 Kvp to 100 or 90 Kvp	
3.4	Input power: single phase AC 180-240 V	
3.5	Timer range 0.01 to 5 sec or more	
3.6	Stationary or rotating anode	
3.7	Manually adjustable collimator	
3.8	Mobile X-ray	
B	Flat Panel Detector System	
3.9	The detectors Scintillator material should be made up of Cesium Iodide and sensor with appropriate technology.	
3.10	Cesium Iodide (CsI) Scintillator or Equivalent	
3.11	Should be Portable. 14x17 inches in size and wireless functionality.	
3.12	Should incorporate Latest Technology (Oxide based technology/CsI) Flat Panel technology for higher resolution and faster pixel response time.	
3.13	Should have Lossless AED/AWC to increase dose efficiency and image quality by detecting X-ray start and finish with perfect precision	
3.14	Should have spatial resolution of 3 lines per millimeter or more.	
3.15	The Pixel Matrix should not be lesser than 2300 x 2800 pixels.	
3.16	The Pixel pitch should be 150 μ or lesser	
3.17	Should have a minimum image depth of 16 bit or more	
3.18	The detector should be light weight (\leq 5 Kgs) including battery.	
3.19	Detector should have at least IP33 rating or more for ingress protection from dust & liquid.	
3.20	The system should have feature to increase sharpness in the images that improves the possibility of detecting abnormalities.	
3.21	Efficient and easy to use	
3.22	Two batteries should be provided with a battery charger.	
3.23	The Detector should have display to view the Detector status.	
3.24	The Detector should be supplied with 2 Nos. Lithium Ion/Polymer Batteries	
3.25	Easy switch from sleep mode to acquisition mode for better battery performance.	
3.26	The detector should also have direct charging facility (without removing batteries)	
3.27	Measurements, Annotations, ROI, Markers, Image Rotation etc.	
3.28	Image Station	
3.29	CPU – Intel i5 or better, RAM – 8GB, HDD -512 GB,	

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3.30	Display Monitor: 24" size or more; 1900 x 1080 Pixels	
4	Accessories, Spare Parts and Consumables	
4.1	Lead Apron-1 Pc	
4.2	Thyroid Shield-1 Pc	
4.3	Fixed patient table for radiography should be provided.	
4.4	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. Bidder's must specify the quantity of every item included in their offer (including items not specified above)	
5	Operating Environment	
5.1	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	Standards & Safety Requirement	
6.1	Must submit ISO 13485:2016 for Medical Devices for mobile X-Ray, Flat Panel Detector AND	
6.2	CE or USFDA-approved product certificate for X-Ray, Flat Panel Detector.	
6	User Training	
6.1	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment as well as routine checks and maintenance expected by users	
7	Warranty	
7.1	Comprehensive Warranty for 1 Year after acceptance.	
8	Maintenance Service During Warranty Period	
8.1	During warranty period supplier must ensure preventive maintenance & corrective/breakdown whenever required	
9	Installation & Commissioning	
9.1	The bidder must arrange for the equipment to be installed by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser's in advance in details	
10	Documentation	
10.1	User(Operating) manual in English	

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विर सिंह भण्डारी
प्रमुख प्रशासकीय अधिकृत

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