



पञ्चेश्वर गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय

आ.व. २०८२/०८३
सुदूरपश्चिम प्रदेश, नेपाल

सम्पर्क: ९८५८७८४०००

Email: info@pancheshwormun.gov.np

प.स.: 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 USG PORTABLE COLOR DOPPLER WITH A PROBE, PRINTER AND CART 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।

तपशिल:-

बिर सिंह भण्डारी

प्रमुख प्रशासकीय अधिकृत
बिर सिंह भण्डारी
प्रमुख प्रशासकीय अधिकृत

USG PORTABLE COLOR DOPPLER WITH A PROBE, PRINTER AND CART

S. N.	Purchaser's Specifications	Bidder's Offer
	USG Portable Colour Doppler with a Probes	
	Manufacturer	
	Brand	
	Type/Model	
	Country of Origin	
1	Description of Functions	
1.1	A general purpose portable laptop type/ notebook type color Doppler ultrasound imaging system.	
2	Operational Requirements	
2.1	It shall operate on AC power supply as well as built in rechargeable battery. The machine is intended to be carried to the field or the patient ward with the inbuilt battery system to examine patients who could not come to USG room.	
3	System Configurations	
3.1	Portable colour doppler ultrasound imaging system, 1 unit.	
3.2	1 unit of broad bandwidth of 2 - 5MHz, convex array probe for OB/GYN and abdominal application.	

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3.3	1 unit of Black & White thermal printer.	
3.4	Manufacture made Trolley/ Cart for the ultrasound system	
4	Technical Specifications	
4.1	The machine is intended to be carried to the field or the patient ward with the inbuilt battery system to examine patients who could not come to USG room. It shall comply with the following requirements for this purpose:	
4.2	Shall have built-in rechargeable battery which shall support minimum 2 hours of routine ultrasound examinations.	
4.3	It shall come with a custom-made trolley on castors to hold the main unit on top with provision of a probe holder and drawers for storage of 3 probes, printer and ultrasound gel. The trolley should be from the same manufacturer as that of the ultrasound system.	
	Main unit:	
4.4	More than 12 inches colour LCD display	
4.5	Full alphanumeric keyboard.	
4.6	Probe connector: at least 2 probe connector.	
4.7	Shall come with 1 unit of broad bandwidth of 2 - 5MHz, with maximum scan depth of at least 28cms, convex array probe.	
4.8	The system shall accept most of the common probe types of: convex array, linear array, phased array.	
4.9	Should come with various Scan modes: B, M, PDI, CFM, PW, CW Mode, tissue harmonic imaging or more.	
4.10	With digital broad bandwidth multi-frequency imaging capability.	
4.11	With Doppler angle and angle correction.	
4.12	Frame rate should be 150fps or more.	
4.13	Display depth: minimum 28 cm.	
4.13	Grayscale levels: 256.	
	The machine shall include the following functions:	
4.14	Programmable pre-set examination protocols store common setting related to image display/adjustment, annotation.	
4.15	Must come with software packages for Abdomen, Gynecology, Obstetrics, Urology, Small Part and upgradable to cardiology package.	
4.16	Must have Neonatal and Obstetric analysis: MSD (Mean Sac Diameter), CRL (crown-rump length), FHR (Foetal Heart Rate), BPD (biparietal diameter), HC (head circumference), AC (abdominal circumference), FL (femur length), GA (estimation of gestation age), EPW (estimation of foetal weight). Other additional analysis are appreciated.	
4.17	Should have velocity color to detect color flow with PW and CW	
4.18	Should come with automatic gain control.	
4.19	Should have DICOM Connectivity for image export and wireless network storage.	
4.20	Dynamic range, selectable up to approximately 200dB.	
4.21	Image storage: Shall be able to store still and video images, shall be able to store about 1000 images on main unit.	
4.22	Cine memory of 250 or more frames for cine loop playback.	

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4.23	Image Presentation: Single, Dual	
5	Accessories, Spare Parts and Consumables	
5.1	All standard accessories/consumables/parts including <ul style="list-style-type: none">• 5 bottles of ultrasound gel• 5 rolls of paper• Shock proof standard cover required for the proper operation of the above item shall be included in the offer.	
6	Operating Environment	
6.1	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metres in length.	
7	Standards & Safety Requirements	
7.1	Must submit ISO 13485:2016 AND	
7.2	CE (MDD Directive 93/42/EEC if applicable with extension or MDR 2017/745) or USFDA-approved product certificate. Self-declared CE is not valid.	
8	User Training	
8.1	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.	
9	Warranty	
9.1	Comprehensive warranty for min 3 years after acceptance.	
10	Maintenance Service During Warranty Period	
10.1	During the warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.	
11	Installation and Commissioning	
11.1	Supplier must accomplish proper installation & commissioning of equipment onsite.	
12	Documentation	
12.1	User (Operating) manual in English.	
12.2	Service (Technical / Maintenance) manual in English.	

बिबु सिंह भण्डारी
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