



सिलीचोङ गाउँपालिका
SILICHONG RURAL MUNICIPALITY
गाउँ कार्यपालिकाको कार्यालय
OFFICE OF THE RURAL MUNICIPAL EXECUTIVE
ताप्लेजुङ, तप्लेजुङ गाउँपालिका
TAMLEJU, TAMLEJU WASABHA
कोशी प्रदेश, नेपाल
KOSHI PROVINCE, NEPAL.



पत्र संख्या :- ०८०/०८१

मिति : २०८०/११/०६

चलानी नं.:- १०२३

क्याटलग सपिङ्ग विधिबाट अल्ट्रासाउण्ड (Portable USG machine) खरिद सम्बन्धि प्रस्ताव आवहानको सूचना

प्रथम पटक प्रकाशित मिति: २०८०/११/०६

यस गाउँपालिकाको लागि आवश्यक देहायवमोजिम अल्ट्रासाउण्ड (Portable USG machine) सार्वजनिक खरिद ऐन २०६३ (पहिलो संसोधन २०७३) को दफा ८ को उपदफा (१) क (८) तथा सार्वजनिक खरिद नियमावली, २०६४ (चौथो संसोधन २०७३) को नियम ३१ ख बमोजिम उत्पादक कम्पनी वा सोको आधिकारीक बिक्रेताहरु बीच प्रतिस्पर्धा गराउने (क्याटलग सपिङ्ग) विधिबाट खरिद गर्नुपर्ने भएको हुनाले इजाजत प्राप्त उत्पादक कम्पनी वा त्यसको आधिकारिक बिक्रेताहरुले आ-आफ्नो फर्म दर्ता प्रमाणपत्र, एजेन्सी दर्ता प्रमाणपत्र, Manufacture's Letter of Authorization, खरिद कारवाहीमा भाग लिन अयोग्य नभएको, प्रस्तावित खरिद कारवाहीमा आफ्नो स्वार्थ नबाभिएको र पेशा वा व्यवसाय सम्बन्धित पेशा कसूरमा आफूले सजाय नपाएको भनी लिखित रुपमा गरेको घोषणा र आ.व.२०७९/८० को कर चुक्ता प्रमाणपत्र प्रमाणित प्रतिलिपीहरु समावेश गरी सार्वजनिक खरिद नियमावली, २०६४ को नियम ३१ ख को उपनियम (२) अनुसार उत्पादक स्पेसिफिकेसन, गुणस्तर, मूल्य र सुविधासहितको विवरण आधिकारिक बिक्रेताले (क्याटलग वा ब्रोसर) संलग्न राखी मिति २०८०/११/२१ गते दिउँसो १:०० बजे भित्र यस गाउँ पालिका भित्र दर्ता हुन आएका सिलबन्दी प्रस्तावहरु सोही दिनको दिउँसो २:०० बजे भित्र खोलीने व्यहोरा समेत यसै सूचनाद्वारा जानकारी गराइन्छ । पेश हुन आएको प्रस्तावहरु स्वीकृत गर्ने वा अस्वीकृत गर्ने एवम् खरिद गर्ने प्रक्रिया जुनसुकै बखत रद्द गर्ने अधिकार यस गाउँपालिकामा निहित हुनेछ ।

S.No.	Notice No.	Type of machine	Major Specification	Qty.	Remark
1.	SRM-USG-080/81	USG Portable Machine	Portable Ultrasound (USG) Machine Description of Fuction: 1.A Fully Digital Portable Ultrasound System focused for Ob/Gyn, Abdominal and small parts application. 2.Operating mode: B-mode, M-mode, B/M mode, 28 mode and 48 mode. Battery backup at least 90 min. or more. Gray Scale Levels: 256 Each USG machine must be supplied with Following accessoeies: <ul style="list-style-type: none"> Convex probe: 1 Nos. USG gel Bottles: 02 bottles (250ml) A suitable Carrying Bag Comprehensive warranty for 2 years after acceptance for the entire system.	3 (three)	स्पेसिफिकेसनको थप विवरण तल उल्लेख गरीएको छ ।

.....
 भद्र बहादुर राई
 निमित्त प्रमुख प्रशासकीय अधिकृत

Technical Specification of Portable Ultrasound (USG) Machine

S.N.	Purchaser's Specifications	
	Portable Ultrasound (USG) Machine	
	Manufacturer:	
	Brand:	
	Type/Model:	
	Country of Origin:	
1	Description of Function	
1.1	A fully Digital Portable Ultrasound system focused for OB/GYN, Abdominal, and small parts applications. The machine is intended to be carried to the field or the patient ward with the inbuilt battery system.	
2	Operational Requirements	
2.1	It shall operate on AC power supply as well as built in rechargeable battery.	
3	System Configuration	
3.1	System shall come with main unit, 1 convex probe, and a suitable carrying bag.	
4	Technical Specifications	
4.1	The portable USG machine must be notebook type with a minimum 12-inch-high resolution medical grade monitor.	
4.2	System should have built-in battery with battery backup at least 90 min. or more.	
4.3	The system should have full alphanumeric soft key board with easy access scans controls and trackball.	
4.4	System should support Linear, Phased array, convex transducer without need of any extra hardware and software.	
4.5	Main applications: OB/GYN, abdominal and small parts.	
4.6	Operating modes: B-mode, M-mode, B/M Mode, 2B mode and 4B mode.	
4.7	System should have at least one probe connection port.	
4.8	Dynamic range: selectable up to approximately 120dB.	
4.9	System must be offered with 8 TGC slide pot with independently adjustable Gain control.	
4.10	The system should have all measurement packages: Distance volume, area, circumference, ellipse, OB, GYN, Cardiology, Small part analysis, etc.	
4.11	System should have Digital zoom, Image pan, freeze, text annotation and Body markers.	
4.12	Obstetric analysis: BPD, CRL, AC, HC, FL, GS, AFI, etc. for estimation of Gestational age and Fetal Weight, Heart Rate and OB/GYN report system.	
4.13	System must be offered with function to reduce patch noise, speckle and clutter artifacts without compromising quality of images.	
4.14	Cine memory of 256 frames for cine loop playback.	
4.15	Local x 2.0 magnification rate	
4.16	Frame rate: not less than 100fps.	
4.17	Gray scale levels: 256	
4.18	Focus: adjustable	



4.19	Image Processing: y correction, Frame correlation, Point correlation, Line correlation, Digital filtering, Digital Edge Enhancement and Pseudo Color Processing, etc.	
4.20	Probe: 2 to 5 MHz ± 1 MHz convex probe for Obs. /Gyn. And abdominal application is to be supplied. (<i>Micro convex probe will not be accepted</i>).	
5	Accessories, Spare Parts and Consumables	
5.1	Each USG machine must be supplied with following accessories: <ul style="list-style-type: none"> • Convex Probe: 1 Nos. • Ultrasound gel bottles: 02 bottles (250ml) • A suitable carrying bag main unit. 	
5.2	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).	
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: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 meter in length.	
7	Standards and Safety Requirements	
7.1	Must submit ISO 13485 or better for medical devices.	
7.2	Must submit CE (93/42 EEC Directives) certificate or USFDA approved product certificate.	
8	User Training	
8.1	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly.	
9	Warranty	
9.1	Comprehensive warranty for 2 years after acceptance for the entire system.	
10	Maintenance Service During Warranty Period	
10.1	During warranty period supplier must ensure maintenance and corrective/breakdown maintenance whenever required.	
11	Installation & Commissioning	
11.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel.	
12	Documentation	
12.1	Must provide user (Operating) manual in English upon installation.	
12.2	Must provide service (Technical / Maintenance) manual in English upon installation.	
12.3	Must submit certificate of calibration and inspection from factory.	
12.4	Must submit valid authorization letter from the manufacturer.	



नियमित प्रमुख प्रशासकीय अधिकारी