



फोन नं.- ०३१५४००५१

# खडक नगरपालिका

## नगर कार्यपालिकाको कार्यालय

कल्याणपुर, सप्तरी

प्रदेश नं. २ नेपाल

खडक नगरपालिकाको कार्यालय  
कल्याणपुर, सप्तरी  
प्रदेश नं. २, नेपाल

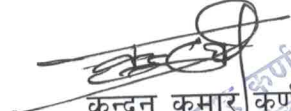
पत्र संख्या : ०७८/०७८

च.न. १४४६

विषय: दररेट सम्बन्धमा ।

सूचना: प्रथम पटक प्रकाशित मिति २०७८/१०/११

प्रस्तुत सम्बन्धमा यस खडक नगरपालिकाको कार्यालय कल्याणपुर, सप्तरीको लागि **Cart Based Doppler Ultrasound Machine** थान एकसेट खरिद गर्न आ.ब.०७८/०७९को लागी दररेट निर्धारण तथा लागत अनुमान प्रयोजनका लागी यस कार्यालयको स्वीकृत स्पेशिफिकेसन तथा शर्त बमोजिमको दररेट सार्वजनिक खरिद ऐन २०६३ र खरिद नियमावली २०६४ बमोजिम कुनै पनि आईटमको दर रेट बजार रेट भन्दा बढी नहुने गरि ईच्छुक फर्म/कम्पनि/व्यक्तिले सम्बन्धित फर्म ईजाजतपत्र नबिकरणपत्रको फोटोकपी, ०७७/०७८को कर चुक्ता प्रमाण पत्रको फोटोकपी, स्थायी लेखा नम्बर तथा मु.अ.करमा दता भएको प्रमाणपत्र समेत राखि यो सूचना प्रकाशन भएकामितिले ७ दिन भित्र मिति २०७८/१०/१७ गते कार्यालय समय भित्र यसै सूचना सँग संलग्न प्रमाणित स्पेशिफिकेसनको नमुना बमोजिम दर रेट पेश गर्न सम्बन्धित सबैमा जानकारीको लागी यो सूचना प्रकाशित गरिएको व्यहोरा अनुरोध गरिन्छ ।

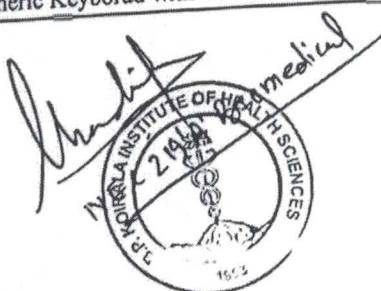
  
कुन्दन कुमार कर्ण  
प्रमुख प्रशासकिय अधिकृत

बोधार्थ:

खडक नगरपालिका सूचना शाखा, सूचना अधिकारी श्री मनोज कुमार साह सूचना Webe Site मा Upload गरि दिनु हुन तथा सूचना पाटीमा सूचना टाँस गरि दिनु हुन

# Specification for Cart Based color Doppler Ultrasound Machine.

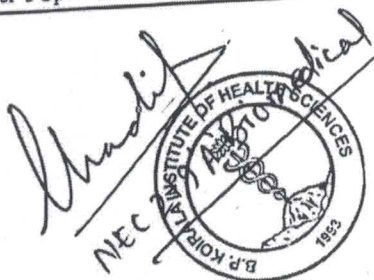
Purchaser's Specifications	Bidder's Compliance Sheet			
	Yes	No	Page No. in Catalogue	Remarks
Specification for Cart based color doppler ultrasound				
Manufacturer				
Description of Function				
Type/Model				
Country of Origin				
Description of Function				
<b>Main Unit</b> Fully Digital Color Doppler Ultrasound DICOM compatible with advance application for General Ultrasound including Abdomen, Obstetrics, Gynecology, Cardiology, Small parts, Urology, Vascular, Pediatrics, Emergency Medicine, Nerve using Broadband Digital Beam former Technology.				
<b>Technical Requirements:</b> Imaging Modes: B-Mode, M-Mode, Color M-Mode, Color Doppler Imaging, Power Doppler Imaging & Directional PDI, Pulse Wave Doppler, Continuous wave Doppler, Tissue Harmonic Imaging & Phase shift Harmonic Imaging. Systems Should have 3 active sockets with electronic switching facility from keyboard without Probe adopter. The System should support broadband and multi frequency probes spanning a frequency of 2-13 MHz The system must compulsorily support convex, linear, phased array and endocavity probes. The Systems Shall have following Features: Trapezoid for B image mode Steer scanning for Linear probes (B, Color/Power, PW independent) Spatial Compounding Imaging Frequency Compounding Imaging Extended Field of View Imaging Speckle suppression imaging Zoom function with picture in picture indication on both frozen and live images Zoom for one key image enlarged to full screen System should be capable of scanning depth up to 38 cm or more. System should have minimum 27000 Digital Processing Channels for high resolution image with high acquisition frame rate System should have a dynamic range of minimum 30-220 dB. System should be Boot-up from complete shut-down in less than 50 sec. System should have Fully flexible Control Pannel including Height, Swivel and Slide adjustments. Should have a Full sized Alphanumeric Keyborad with Track ball and Backlit Keys.				



नगर कार्यपालिका  
कल्याण  
२ नं. प्रदश  
२०७३



Should be Compact enough to transport within the hospital along with wheel locking mechanism.				
System should have Gray Scale of Minimum 256 or more.				
System should have specific annotation and body markers.				
System should have Inbuilt Hard Disk with capacity of 1 TB				
A complete range of measurement and calculation packages for general and specific application, including Abdomen, Obstetrics, Gynecology, Cardiology, Small parts, Vascular, Urology, and Pediatrics etc. must be available. Support user defined measurement item and obstetric formula				
Obstetric Analysis: BPD, HC, AC, FL, GS, CRL, NT, OB table/formula, GA formula.				
Maximum Cine Memory: 12000 Frames				
Monitor size should be Minimum 18.5 inch or more color LED High Resolution Medical Graded Flat Panel Display with maximum viewing angle & Provision to adjust Height.				
Machine Should have following Features for Future Upgradation				
1. Elastography				
2. Contrast Imaging				
3. 4D Imaging				
4. cardiology packages				
5. Auto IMT				
System should have S-Video, VGA, USB and Audio output with provision for storage of Images and Transfer to External Devices.				
System should have feature of Transfer images and reports to PC directly through wired network				
System should come with DVDRW, USB ports, Ethernet port and should have direct connectivity to Laser/Thermal Printer for Printing Images and Reports.				
Should have inbuilt battery backup or a compatible ups should be supplied.				
<b>Following Transducer should be available with the Unit:</b>				
Curved Array Transducer with 2-6 MHz for general Abdominal, OB/GYN, Vascular Applications.				
Linear Array Transducer with 4-12 MHz for Small Organ, Vascular, Orthopedics, Musculo-skeletal, Nerve, Pediatric Applications.				
System should be provided with a Cart from same manufacturing company.				
System should be provided with 1 unit of Black And White Thermal Printer.				
<b>Operating Environment</b>				
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, S.N. Purchaser's Specifications, Humidity, etc.				



नगर कार्यपालिका  
कल्याणपुर  
२ नं. प्रदश,  
२०७७

Power supply: 220-240VAC, 50Hz fitted with appropriate plug type D round 3 pins. The power cable must be at least 3 metre in length.				
<b>Standards and Safety Requirements</b>				
Must submit ISO 9001 or ISO 13485:2003/AC: 2007 AND US FDA and CE approved product certificate.				
<b>User Training</b>				
Must provide user training to at least 1 end user at authorized training center (including how to use and maintain the equipment).				
<b>Warranty</b>				
Comprehensive warranty for 1 year.				
<b>Maintenance Service During Warranty Period</b>				
During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.				
<b>Installation and Commissioning</b>				
The bidder must arrange for the equipment to be installed and commissioned by certified or				
qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.				
<b>Documentation</b>				
User (Operating) manual in English				
Service (Technical / Maintenance) manual in English				
List of important spare parts and accessories with their part numbers and costing available in stock with the supplier.				
Manufacturer Authorization or Sub manufacturer authorization letter must be provided along with tender documents.				

*Handwritten signature*  
NEC 219/A Biomedical  


  
खडक नगरपालिका  
नगर कार्यपालिकाका कार्यालय  
कल्याणपुर, सप्तरी  
२ नं. प्रदेश, नेपाल  
२०७३