नेपाल सरकार

स्वास्थ्य तथा जनसंख्या मन्त्रालय

कोशी अस्पताल

बिराटनगर

दररेट पेश गर्ने बारेमा सूचना

प्रथम पटक प्रकाशित मिति २०८२।०३।१३ गते

विषय :–दरभाउपत्र पेश गर्ने बारे ।

प्रस्तुत विषयमा सार्वजनिक खरिद ऐन २०६३ को दफा४१ तथा सार्वजनिक खरिद नियमावली,२०६४को नियम८५को१(क)प्रावधान बमोजिम तपशिल बमोजिका सलग्न स्वीकृत स्फेसिफिकेसन बमोजिमको अस्पतालको डेन्टल बिभागका लागि तपशीलका उपकरण खरिद गर्नुपर्ने भएकोले यो सूचना प्रकाशन भएको मितिले ७ सातौ दिनको दिन १२.० वजे भित्र यस अस्पतालको खरिद इकाइ शाखामा कार्यलय समय भित्रमा शिलबन्दी खाममा पेश गर्नु हुन सम्बन्धित सबैको लागि यो सूचना प्रकाशन गरिएको छ ।

दरभाउपत्र सुचना प्रकाशन भएको सातौ दिनमा सोदिन (सार्बजनिक बिदा परेमा) वा भोलीपल्ट सो दरभाउपत्र सोही दिन अपरान्ह २.०बजे खोलिनेछ ।दरभाउपत्र दररेटपेश गर्दा उक्त फर्मको (खरिद कारोवार सिमा १०(दशलाख)यस आ.ब.मा ननाघेको हुनु पर्नेछ) ।

तपशिल

क. सूचि दर्ता गर्न पेश गर्नु पर्ने कागजातहरु

i. व्यवसाय दर्ता प्रमाणपत्र (नविकरण भएको)
ii. व्यवसाय इजाजत प्रमाणपत्र (नविकरण भएको)
iii. मु.अ.कर दर्ता प्रमाणपत्र ।
iv. आ.ब. २०८०।८१ को कर चुक्ता प्रमाणपत्र

ख. दररेटपेश गर्नुपर्ने सामानको विवरण

S.n	Item Name and Description	Specification	Name of company/country /Brand/model	Qty	unit	Per unit Rate	Vat	Total
1	Protable Dental Xray Set	सलग्न छ		1	set			
2	RVG Sensor	सलग्न छ		2	set			
3	**B Class Autoclave** Machine, 23lt with sealing machine and water distiller	सलग्न छ		1	set			
							Grand Total	

ग. दररेटको मूल्ययाङ्कन विधि

सामानको स्फेसिफकेसन मिलेको तथा आइटम वाइज न्यूनतम कवोल अंक पेश गर्नेबाट खरिद गरिनेछ ।

- खरिद गरिने सामान अस्पतालले प्रयोग गर्न उपयूक्त हुन नदेखिएको खण्डमा सामान फिर्ता गरिनेछ ।सामानहरु खरिद गर्ने वा नगर्ने वा आशिकरुपमा खरिद गर्ने सम्पूर्ण अधिकार यस अस्पतालमा निहित हुनेछ ।सामानको क्याटलग,फोटो उपलब्ध गराउनु पर्ने छ ।
- दररेट पेश गर्नेको विवरण फर्मको नाम :फर्मको ठेगान : प्रो.पाईटर / संचालकको नाम :

इमेल ठेगाना : मिति : हस्ताक्षर : छाप:

Technical Specification of Portable Dental X-Ray Set				
S.N.	**Purchaser's Specifications [Koshi Hospital, F/Y: 81/82]**	**Yes/ No**	**Page No in Catalogue**	**Remarks**
	Manufacturer:			
	Brand:			
	Type/Model:			
	Country of origin			
1	**Description of Function**			
1.1	Portable dental X-ray units are designed for on-site dental imaging, offering flexibility and convenience in various settings and minimizing the need to transport patients to a radiology department.			
2	**System Configuration**			
2.1	Portable Dental Xray unit with complete accessories.			
3	**Technical Specifications**			
3.1	Shall have 300 kHz or better high frequency generator with scissor arms.			
3.2	Shall have focal spot of 0.4 mm or better.			
3.3	Shall have tube current of 1-3mA and tube voltage of 60 KV or more.			
3.4	Shall have total filtration of 1.5mm AL or better.			
3.5	Shall have exposure time 2 to 3.5 sec or less.			
3.6	Shall have digital display.			
3.7	Shall have X-Ray tube with swing angulations of approx. 270 degree in the vertical plane and 360 degree continuous rotations in the horizontal plane.			
3.8	Shall have long arm length.			
3.9	Shall have inbuilt timer integrated into the unit.			
3.10	Shall have manual, film, digital mode settings.			
3.11	Shall synchronize with the RVG system.			
3.12	Both RVG and X-Ray generator shall be of same manufacturer.			
3.13	Shall be compatible for adult, pediatric applications.			
4	**ACCESSORIES, SPARES, CONSUMABLES**			
4.1	Lead apron 0.5mm with velcro – 2pcs, thyroid collar – 2pcs and gonadal sheath–2 each			
4.2	Lead goggles – 2pcs			
4.3	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).			
5	**Operating Environment**			
5.1	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
5.2	Power supply: 220 — 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
6	**Standards and Safety Requirements**			
6.1	Must submit IS013485:2016/AC:2007 for Medical Devices AND			
6.2	CE (93/42 EEC Directives) and USFDA 510K approved product certificate.			
7	**Training**			
7.1	Must provide comprehensive user training (including how to use and maintain the equipment).			
7.2	Must provide comprehensive repair and maintenance training on designated training center of manufacturer for the technical staffs.			
8	**Warranty**			
	Comprehensive warranty for 2 years after acceptance.			
9	**Maintenance Service during Warranty Period**			
	During warranty period supplier must ensure corrective/ breakdown maintenance whenever required including two mandatory visit/year for preventive maintenance.			
10	**Installation and Commissioning**			
	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.			
11	**Documentation**			
11.1	User (Operating) manual in English.			
11.2	Service (Technical / Maintenance) manual in English.			

Note:*Bidder must completely fill the Technical Specification Form (TSF). Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.*

Technical Specification of RVG Sensor				
S.N.	Technical Specifications [Koshi Hospital, F/Y: 81/82]	Yes/No	Page No in Catalogue	Remarks
	Manufacturer:			
	Brand:			
	Type/Model:			
	Country of origin			
1	**Description of Function**			
1.1	RVG is a Digital dental imaging system, which allow quick or immediate viewing of images without using dental x-ray film, consist of an intraoral sensor or imaging plate.			
3	**System Configuration**			
3.1	RVG Sensor System complete unit should be provided			
4	**Technical Specifications**			
4.1	**RVG Sensor System**			
4.1.1	Shall be based on CMOS or equivalent technology.			
4.1.2	Shall have minimum 20 micron pixel size or better with true image resolution of 25lp/mm or better.			
4.1.3	Shall have sensor with complete software package including optical fiber technology.			
4.1.4	Shall have plastic pack design to allow easy periapical and bitewing radiograph.			
4.1.5	Shall be available in size2 (Adult) size to help meet the imaging needs of patients.			
4.1.6	Shall sensor cable length at least 2.5 meters long or more and reinforced for durability and reliability.			
4.1.7	Thickness of the sensor must be 5mm or less.			
4.1.8	Sensor should be round cornered and hermetically sealed and waterproof to protect against fluids and contamination.			
4.1.9	Sensor active area must range from 20 x 30			
4.1.10	Shall have 16 bits gray level.			
4.2	**RVG System Software**			
4.2.1	Shall be licensed.			
4.2.2	Shall have facility for RVG as well as intra oral Camera.			
4.2.3	Shall have automatic acquisition and save facility.			
4.2.4	Shall have sharpening, cleaning and improving features.			
4.2.5	Shall have search facility by patient ID name or any other criteria.			
4.2.6	Shall have capacity to generate reports.			
4.2.7	Shall have feature to undo accidental deletions.			
4.2.8	Shall have usable for implant purposes			
5	**ACCESSORIES, SPARES, CONSUMABLES**			
5.4	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. 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 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 2 meter or more in length			
7	**Standards and Safety Requirements**			
7.1	Must submit IS013485:2016/AC:2007 for Medical Devices AND			
7.2	CE (93/42 EEC Directives) and USFDA 510K approved product certificate for both RVG sensor and Portable X-Ray.			
7.3	Electrical safety conforms to standards for electrical safety IEC-60601.			
8	**Training**			

8.1	Must provide comprehensive user training (including how to use and maintain the equipment).			
8.2	Must provide comprehensive repair and maintenance training on designated training center of manufacturer for the technical staffs.			
9	**Warranty**			
9.1	Comprehensive warranty for 1 year after acceptance			
10	**Maintenance Service during Warranty Period**			
10.1	During warranty period supplier must ensure corrective/ breakdown maintenance whenever required including two mandatory visit/year for preventive maintenance.			
11	**Installation and Commissioning**			
11.1	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.			
12	**Documentation**			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English.			

Technical Specification of B class Autoclave

S N	Purchaser's Specifications [Koshi Hospital, F/Y: 81/82]	Bidder's Compliance sheet		
	B Class Auto clave	Compliance Yes/No	Deviation (if any)	page no. of catalogue
	Manufacturer Brand			
	Type / Model			
	Country of Origin			
1	**Description of Function**			
1.1	Autoclaves are required for sterilizing objects in high temperature and high pressure steam.			
2	**Operational Requirements**			
2.1	Autoclave must be user friendly interfaces allows the user to use very easily and can sterilize wrapped/unwrapped, non-porous and solid instrument.			
3	**System Configuration**			
3.1	Autoclave with complete accessories.			
4	**Technical Specifications**			
4.1	Chamber volume capacity: Min. 23 L			
4.2	Should be B type fully automatic front-loading autoclave powered by triple vacuum cycle			
4.3	Temperature Selection should be 1210 C / 1340 C.			
4.4	Should have Double door lock system for safety			
4.5	Should have at least 5 Programs for sterilization of all types of instruments – Solid/Hollow, Porous/Non-Porous etc.			
4.6	Should have Reduced full cycle time			
4.7	Should be Bow and Dick test qualifed			
4.8	Should have User-friendly Control Panel			
4.9	Should have 2 Storage tanks for distilled and waste water			
4.10	Should have Data storage facility with USB functioning (2000 cycles)			
4.11	Should have Steam generator cleaning program to increase the effciency of the autoclave			
4.12	Chamber size should be approx: 250 mm x 450 mm			
4.13	High vacuum pump level :-92 kPa			
4.14	Should have micro printer in optional			
5	**Accessories, spares 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 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 metre in length.			
7	**Standards and Safety Requirements**			
7.1	Must submit IS013485:2003/AC:2007 for Medical Devices AND			
7.2	CE or USFDA approved product certificate.			
8	**User Training**			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	**Warranty**			
9.1	Comprehensive warranty for 2 year from acceptance.			
10	**Maintenance Service During Warranty Period**			
10.1	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.			
11	**Installation and Commissioning**			
11.1	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.			
12	**Documentation**			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English.			
12.3	List of important spare parts and accessories with their part number and costing.			
12.4	Certificate of calibration and inspection from factory.			

Note: Bidder must completely fill the Technical Specification Form (TSF). Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.