(सुचना प्रकाशित मिति: २०८०/०४/२२), (पुन:सुचना प्रकाशित मिति: २०८०/०४/२९)

(पुन:सुचना प्रकाशित मिति: २०८०/०५/०४), (पुन:सुचना प्रकाशित मिति: २०८०/०५/१८)

यस प्रतिष्ठानलाई आवश्यक तपशिलका उल्लेखित RVG Machine खरिद गर्नुपर्ने भएकोले इजाजत प्राप्त प्रतिष्ठानमा सुचिकृत फर्म, संस्था, कम्पनीबाट अद्यावधिक फर्म दर्ता प्रमाणपत्र, मु.अ.कर दर्ता प्रमाणपत्र, आ.व. २०७८/०७९ को कर चुक्ताको प्रमाणपत्र प्रतिहरु संलग्न गरी यो सुचना प्रकाशित मितिले ७ दिन भित्र कोटेशन पेश गर्नुहुन सुचित गरिन्छ । माग गरिएको कोटेशन तोकिएको म्यादभित्र प्रतिष्ठानको दर्ता चलानी फांटमा खामबन्दी दर्ता गर्नुहुन वा quotation.procurement@bpkihs.edu मा email मार्फत पेश गर्नुपर्नेछ ।

SN.	Product Name	Qty.	Unit
1	RVG Machine	1	Nos

RVG SENSOR SYSTEM Specifications

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, consists of an intraoral sensor or imaging plate, an x-ray system, computer hardware and software or image processing and a hard copy printer

2. **Operational requirements**
   2.1 RVG sensor and the computer system along with imaging software are required

3. **System Configuration**
   3.1 RVG Sensor System complete unit

4. **Technical Specifications**

I. **RVG Sensor System**
   4.1 High resolution RVG based on CMOS technology with optical fibre technology
   4.2 Spatial resolution approx. 20-25 lp/mm true image resolution, enclose phantom test reports to support the claim
   4.3 Exclusive sensor with complete software package including optical fibre technology
   4.4 Plastic pack design to allow easy periapical, bitewing and endodontic radiograph. Should have positioning device
   4.5 Round/tapered edges and maximum reach inside the mouth
   4.6 Thickness of the sensor must be less than or equal to 5 mm
   4.7 Sensor life must be more than 350000 exposures
   4.8 Sensor active area must range from 600-1000 square mm for different sizes of sensors. Minimum active area 600 square mm or more
   4.9 Wireless technology

II. **RVG System software**
   Must be licensed software related with RVG
   Multiple exposure feature for faster exposure
   Automatic acquisition and save mode
   Sharpening/cleaning/improving features
   Single click enhancement for under/over exposed images
   Support for multiple database archive
   Patient search by date or other search criteria viz name etc
   Update system diagnostic utilities
   Localized enhance feature

III.Computer monitor

Computer with LED high resolution color monitor 20" screen or more with latest processor, DVD-RW, 500 GB and expandable capacity. USB 2 ports HDD, 4 GB RAM. All in 4 laser jet printer.

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 V AC, 50 Hz fitted with appropriate plug. The power cable must be atleast 3 metre in length.

6. **Standards and safety requirements**
   6.1 Must submit ISO13485:2003/AC:2007 for medical devices AND
   6.2 CE (93/42 EEC Directives) or USFDA approved product certificate
   6.3 Shall meet IEC-60601-1-2-2001 general requirements of safety for electromagnetic compatibility or must comply with 89/366/EEC; EMC
   6.4 Electrical safety conforms to standards for electrical IEC-60601

7. **User Training**
   7.1 Must provide user training (including how to use and maintain the equipment)

8. **Warranty**
   8.1 Comprehensive warranty for 2 years from installation and endorsement by the department
   8.2 During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.

9. **Installation and Commissioning**
   9.1 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

10. **Documentation**
    10.1   User/operating manual in English
    10.2   Service(Technical/Maintenance) manual in English
    10.3   Certificate of calibration and inspection from factory