



F-No.-AIIMS/JMU/BOO/2024/LP/01

Dated: 28 October, 2024

Inviting Quotations for Purchase of Photostimulable Phosphor Imaging System with Accessories required for the Department of Dentistry at AIIMS, Vijaypur Jammu.

QUOTATION NOTICE

Sealed quotations are invited from intending registered Stockiest / Distributors having GST and relevant documents for Purchase of Photostimulable Phosphor Imaging System with Accessories required for the Department of Dentistry, Vijaypur Jammu. The quotation with copy of certificate of GST & other documents should be submitted to Procurement Section at AIIMS, Vijaypur, District Samba, Jammu (184120) up to 4-11-2024 till 03:00 pm. The quotations will be opened on the same day at 04:00 pm. Details of instruments are given as under:-

S. No.	Name of Items	Qty.	Packs Size/Unit	HSN Code	Basic Price	GST %	Total Cost Inclusive of GST
1	Photostimulable Phosphor Imaging System with X-Ray Device and Accessories	01					

Terms & Condition

1. Firm to mention Make/Brand name in their quotation.
2. GST, if any (Kindly mention in above table) should be clearly mentioned in the offer.
3. Document relating to registration of firm i.e., GST number and relevant document should be submitted along with quotation.
4. GST/other taxes please may be included in your quotation with the price in separate column.
5. Supply should be made within 15 days from the date of purchase order.
6. Price should be for Destination basis (i.e., concerned department).
7. Payment will be released after certification from HOD of Concerned Department / Inspection committee of AIIMS, Vijaypur, Jammu.
8. **Quotation Name, Name of Department and No. must be mentioned on top of envelope.**
9. Liquidated damage shall be @ 0.5% for delayed supply per week or part of week for delay subject to maximum of 10%.
10. AIIMS, Vijaypur, Jammu reserves the right to place order for full or part quantity to one or more firms. The AIIMS, Jammu reserves the right to increase/ decrease the number of required quantities all other terms & condition.
11. Sealed quotation should be submitted by speed post/ copy courier/ by hand to Procurement Section, AIIMS, Vijaypur, District Samba, Jammu (184120) up to 4-11-2024 till 03:00 pm.
12. **Vendors would get their sample check by user department through procurement section before the last date of quotation opening.**
13. **Validity of quotation should be 90 days from the date of opening.**



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14. Sample to be submitted as and when required by the institute.
15. Firm to submit documentary evidence in support of claim of GST at the time of submission of bills.
16. All column given in quotation should be filled otherwise quotation will not be accepted.
17. Demo of the Item is must for quality check before the last date.
18. Please mentioned Email-id and Contact Number in the quotation.

Dr Raksha Kundal
Chairperson,
Store Purchase Committee,
AIIMS, Vijaypur, Jammu

PHOTOSTIMULABLE PHOSPHOR IMAGING SYSTEM WITH X-RAY DEVICE

A. PSP SCANNER

1. Should have a display of 5-inch or larger high-resolution color touchscreen with front-panel operation, offering excellent image quality, plate loading, and an integrated erasing function.
2. The equipment should offer a theoretical resolution of up to 40 LP/mm, with a practical resolution ranging between 19 and 24 LP/mm (equivalent to 600-1200 DPI). Additionally, a fast mode with a resolution ranging between 8-10 LP/mm is required.
3. Should have an option for the use of the following image plate sizes:
 - A. Size 0: 20 x 30 mm
 - B. Size 1: 20 x 40 mm
 - C. Size 2: 30 x 40 mm
 - D. Size 3: 27 x 54 mm
 - E. Size 4: 57 x 75 mm
4. Must support 16-bit greyscale imaging.
5. It should be portable, and the weight should not exceed 10 kg.
6. Must provide a preview feature for captured images to allow for quick verification of X-ray results.
7. The following minimum accessories should be provided:
 - a. 1 Base unit.
 - b. 1 Power adaptor.
 - c. LAN cable.
 - d. Size 0- two (02) Image plates
 - e. Size 1- two (02) Image plates
 - f. Size 2- four (04) Image plates
 - g. Size 4- one (01) imaging plate
 - h. 100 Light Protection Sleeves for Size 0 (Minimum)
 - i. 100 Light Protection Sleeves for Size 1 (Minimum)
 - j. 300 Light Protection Sleeves for Size 2 (Minimum)
 - k. 100 Light Protection Sleeves for Size 4 (Minimum)

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8. A demonstration, if required, should be provided during the technical evaluation stage
9. The system should come with 5 user licenses, and LAN setup for connecting at least 5 systems should be provided by the vendor.
10. The rates of the imaging plates should be quoted separately and fixed for the next 5 years.
11. The system must hold any of the following certifications: BIS, CE (European), US FDA certification or equivalent.
12. The warranty of the equipment should be for 2 years or more as per OEM.

B. HANDHELD X-RAY GENERATOR

1. Portable, Compact & wireless DC X-Ray.
2. The power supply should be capacitor-based.
3. Voltage/Current should be 2.5mA- 60kV or above.
4. Focal Spot 0.3-0.5 mm.
5. Inherent filtration should be > 1.5 mm Al
6. The weight of the unit should be less than 2.5 Kg.
7. The exposure time range is 0.05-0.5 seconds.
8. Internally lead coated to avoid overexposure & dispersion of radiation.
9. Should be AERB and BIS/ US FDA or European CE Certified.
10. The warranty of the equipment should be for 2 years or more as per OEM.
(two years warranty) and CMC for remaining effective life cycle

C. SENSOR FOR INTRA-ORAL IMAGE

1. Two RVG intraoral X-ray sensors should be supplied.
2. The intra-oral RVG sensor should be based on CCD/CMOS technology.
3. Sensor thickness of 6.5-7.5 mm.
4. True resolution should be a minimum of 16- 24 lp/mm.
5. Two Sensors with a minimum active area of 800 mm sq. should be provided.
6. Should have at least 3,000 numbers of disposable plastic sheaths for the placement of sensors in the patient's mouth.

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7. Sensor to directly connect to USB Port without any interface with 3-4 meter cable length and reinforced for durability and reliability (Fiber optic and scintillator tech).
8. Pixel Dimension should be 15– 20 microns.
9. Imaging Software Features:
 - a. Multiple exposure features for faster and easier exposure
 - b. Automatic acquisition and save mode.
 - c. Sharpening / Cleaning / Improving Single click enhancement Features for under/ over-exposed images. Localized enhance feature.
 - d. Support for multiple database archives.
 - e. Patient search by date or other search criteria, viz. name etc.
 - f. Updated system diagnostic utilities.
 - g. Easy transfers of images.
 - h. Should provide all licensed Software related to the RVG and free upgrades.
 - i. It should have the feature of automatic report templates in PDF format.
10. Should be US FDA/ European CE or BIS Certified.
11. The warranty of the equipment should be for 1 year or more as per OEM.

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