

TERMS OF REFERENCE (TOR)

PROCUREMENT OF ONE SET OF PANORAMIC X-RAY MACHINE

I. Background Information:

a. The Philippine Navy (PN) has requested BCDA for a donation of one (1) unit of Panoramic X-Ray Machine for use of 1301st Philippine Navy Dental Dispensary. This is in line with the PN's objective of upgrading its capability in terms of dental services it is providing to the officers, men, women and their dependents of the Philippine Navy.

b. The approved budget for the purchase of one (1) set of Panoramic X-Ray Machine is Two Million Five Hundred thousand Pesos (PhP2,500,000.00)

II. Scope of Services:

A. The Panoramic X-Ray Machine to be procured must conform with the standard requirements of the Philippine Navy.

B. Technical Specifications:

1. 1 Unit Panoramic X-Ray Machine:

The most advance HD Panoramic & Sac Type System 2 in Digital System-Panoramic+Cehpalo.

- One Detachable Sensor for Both
- Panorama and Cephalo
- Secured Patient's Safety Due to Low Radiation Dosage
- Simple and Refined Design
- Available for AP, PA, LAT and Carpus
- Soft Tissue Calibration

2. DETACHMENT SENSOR TYPE:

• The best Quality of Images. Direct type sensor technology offers clear, accurate and high-defined images which are free from, image blurring issue. Also due to the highest X-ray absorptiveness. It maximizes the quality of image.

• The Greatest Durability. Medium / Large size of x-ray tube tank is able to take more than 80 panorama images per day, which offers the world class durability.

• The most Increased Convenience. Image from Panorama, CT, Intra Oral Camera, Digital Camera, Intra Oral Sensor and etc. can be controlled by one program, CDEX View.

• Excellent Rate of X-Ray Absorption. CDD-CMOS absorbs 35% of X-ray, but it need more x-ray, however SMART HD Sensor absorbs 100% of X-ray, and it is shown high quality image with Low X-ray dosage.

3. OTHER SPECIFICATIONS:

- a. Type: CDTE
- b. Scintillator: Super OLED
- c. Pixel Size: 48um
- d. Total Active Area: Ceph 240 x 4.8mm
- e. Pano: 150 x 4.8mm
- f. A/D Convert: 12 bit

- h. Tube Voltage: 50-90 kvp
- i. Tube Current: 4-40mA
- j. Focal Point: 0.5mm x 0.5mm
- k. Input Voltage: 110-220 volts

- C. Includes software and hardware, monitor and printer.
- D. 2 years warranty on parts under proper use.
- E. 1 PC Lead Apron
- F. Includes Delivery and technician

G. BCDA reserves the right to accept or reject any or all proposals that does not conform with the specifications as provided for in this TOR, to waive any defect or informality thereon or minor deviations which do not affect the substance and validity of any or all of the proposals or to annul the selection process and reject all at any time prior to award, without thereby incurring any liability to the affected proponents.

III. Qualifications of Supplier:

A. With at least three (3) years of existence as a reliable provider Dental Equipment/Facilities

B. Must have completed at least a single similar project in the past three (3) years, with an amount of at least 50% of the proposed project.

C. Must be able to provide a reliable and prompt after sales services. In this regard, bidders will issue a Certificate that they will provide reliable and prompt after sales services, if awarded the Contract for the Supply of one (1) set of Panoramic X-Ray Machine.

IV. Delivery Schedule:

A. Procured items shall be delivered within thirty (30) days upon issuance of the Purchase Order/Notice to Proceed.

B. Replacement of all items found to be defective and/or not in consonance with the specifications shall be made within one (1) week after the notification and turnover of the defective items.

V. Performance Security:

A. To guarantee the faithful performance by the supplier of its obligations, it shall post a performance security within a maximum period of ten (10) calendar days from the receipt of the Notice of Award from the Procuring Entity. The performance security shall be valid until issuance of the final Certificate of Acceptance by the BCDA.

B. The performance security shall be denominated in Philippine Pesos and posted in favor of the Procuring Entity in an amount equal to the percentage of the total bid price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Equal to the Percentage of the Total Contract Price)
1. Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Five percent (5%)
2. Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	
3. Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security; and/or	Thirty percent (30%)
4. Any combination of the foregoing.	Proportionate to share of form with respect to total amount of security

VI. Terms of Payment:

A. The Supplier may bill BCDA after the delivery and acceptance of the materials with an amount equivalent to the price of the supplies delivered, subject to paragraph VI (b) above. Ten Percent (10%) of the total amount shall be retained and that full payment of the contract price shall be made only upon issuance of Certificate of Satisfactory Delivery of all the items required.

B. The amount in Pesos shall be inclusive of all applicable taxes and fees to be paid to the government.

VII. Corrupt, Fraudulent, Collusive and Coercive Practices:

"Any attempt by a bidder to influence the Procurement Department or its authorized representatives in the evaluation of the bids or contract award decisions shall result in the rejection of its bid or revocation of award as the case may be, and the application of other sanctions and remedies provided by law".