# Technical Specification Of CR System

**Purchaser :** Aathbiskot Municipality, Rukum(West)  
**Medical Equipment :** Digital X-ray  
**Quantity :** 1 Unit

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| 1    | CR Reader Unit    | ✗ Reading Capacity : Minimum 55 plates/hr.  
     |                   | ✗ **Vertical Cassette Insertion**  
     |                   | ✗ OPG(Ortho Pantomography) Readable  
     |                   | ✗ Operatable on Single Phase Line  
     |                   | ✗ **Non Table-Top Model**          |                                |
| 2    | CR Console        | • Main Workstation-Multi Function CR Console with assured quality  
     |                   | • High Resolution 19″ LED Monitor  
     |                   | • Adequate Image Capacity of 500 GB  
     |                   | • Multi Patient Viewing & Printing  
     |                   | • Image Magnification  
     |                   | • Distance & Angle Measurement  
     |                   | • Exporting images in BMP, JPEG and AVI Formats on DICOM & NON-DICOM  
     |                   | • Burning Facility in CD & DVD      |                                |
| 3    | CR Cassettes & Images Plates | ✷ 8″×10″ =1  
     |                   | ✷ 10″×12″ =1  
     |                   | ✷ 14″×14″ =1        |                                |
| 4    | Dry Laser Printer | ✗ **Dry Laser Printer**  
     |                   | ✗ Printing Capacity : **Minimum 80 sheets/hr. of 14″×17″**  
     |                   | ✗ Pixel sizes : Acquiring both **50 μm (508 dpi) & 100 μm (254 dpi)**  
     |                   | ✗ No. of Trays M 2 trays online  
     |                   | ✗ Compatible Film Type : Dry Film Sensitive to Light  
     |                   | ✗ Film Print Size : 8″×10″, 10″×12″, 10″×14″, 14″×14″, 14″×17″  
     |                   | ✗ Daylight Film Loading System  
     |                   | ✗ Minimum Grayscale Resolution of 14 Bits  
     |                   | ✗ Operatable on Single Phase Line  
     |                   | ✗ **Non Table-Top Model**          |                                |
Note:
The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid.

Bidder’s Signature.......................... Date...........................................