

Functional Requirements for a **Urology System**

Fargo (437) – 618-B69056

Fargo VA is requesting a digital urology system that will be utilized for operative urography (procedures to evaluate the kidneys, ureters and bladder).

Table Technical Requirements

1. Left hand side set up.
2. Urological table that can tilt in Trendelenburg position – minimum 0° - 20°
3. Urological table that can tilt in reverse-Trendelenburg position – minimum 0° - 90°
4. Urological table that can tilt in Fowler positioning (table raises upper torso of patient to various sitting positions)
5. Motorized Longitudinal and Traverse table top movement. Variable tilting speeds
6. Vertical positioning – 30-50 inches
7. >450lb table weight capacity
8. Urodynamics capable

Radiographic System Technical Requirements

1. X-ray generator- 80 kW with appropriately sized x-ray tube
2. Flat-panel detector sized large enough to image the full KUB in one exposure
3. DICOM print/store/send/worklist and IHE- Q/R, MWM, STORAGE COMMIT SCU, and MPPS
4. Integrated DICOM structured dose reporting
5. Full KUB viewing area-can view entire KUB in one shot
6. Ability for storage and replay of fluoroscopic sequences
7. Ability for last image hold

Accessories:

1. Two Monitors, one for xray and one for video, one color, HD – minimum – 19 inch
 - a. Mounted on an articulating arm that allows for viewing from all positions at the table
2. One HD Color Monitor for viewing images in the control room/booth
 - a. Preferred but not required - interface to endoscopy and ultrasound systems
3. Adjustable equipment rack
4. Cable storage compartment
5. Operating controls to include foot pedal that controls:
 - a. Height
 - b. Tilt
 - c. Lateral Positioning
 - d. Longitudinal Positioning
 - e. X-ray control
 - f. Image Storage
6. Operating control to include hand pendant control that duplicates functions of foot control
7. Crutches
8. Leg holders
9. Padded arm boards
10. Shoulder
11. Armrests
12. Drain pans

13. Surgeons elbow rest
14. Table extension
15. Foot rest

Advanced Applications

1. Dose limiting software

Support and other Documentation to Provide:

1. Provide DICOM Conformance Statement
2. Provide completed Pre-procurement Assessment form (6550) and MDS2 document
3. Provide information about your company's applications and technical support structure during the warranty period (i.e. a listing of Field Service Engineer locations and availability, support 800 phone number(s), remote support, etc.)
4. Provide information about your company's applications and technical support structure during after the warranty period (i.e. a listing of Field Service Engineer locations and availability, support 800 phone number(s), remote support, etc.)

Training

Technologist Training:

1. Go-Live onsite Applications Training (minimum 3 days) – to be used for technologists and OR Nurses (up to 10 people).
2. First Follow-up Onsite Applications Training (minimum 2 days) – to be used within 3-6 months from Go-Live for technologists and OR Nurses (up to 10 people).
3. Second Follow-up Onsite Applications Training (minimum 2 days) – to be used within first 9-12 months from Go-Live for technologists and OR Nurses (up to 10 people).

Physician Training:

1. Go-Live onsite Applications Training (minimum 1 day) – to be used for Physicians
2. Follow-up Onsite Applications (minimum 1 day) – to be used within 3-6 months from Go-Live for Physicians.
3. Second Follow-up Onsite Applications Training (minimum 1 day) – to be used within 9-12 months from Go-Live for Physician.

Technical Training: (1-person)

1. Technical Biomedical Engineering Training
2. Technical Biomedical Engineering Training Travel Package (Lodging/Meals/Transportation)

Trade in

Option 1 **ALL Hard Drives will be retained by the VA.**

EE: 19398

Manufacturer: Siemens

Model: Urooskop Access

S/N: 5256

Acq. Year: 2009