

Statement of Work

GI Endoscopy Software
12-JAN-18

1. General: The Contractor shall deliver to the Government a commercially available, off the shelf software (COTS), gastrointestinal endoscopy system comprised of software and related hardware (System) that will produce GI endoscopy clinical procedure documentation. This system will also include endoscopy image management (i.e. capture and storage of still and video images from the endoscopic equipment, as well as a system for labeling these images). In addition, the system will generate procedure codes (i.e. CPT) and diagnostic codes (i.e. ICD-10) based upon data input by the clinician. This system should streamline workflows by giving the ability to capture, store and access patient data across multiple sites for Endoscopic procedures. The system should have the capability to provide a data repository for storage and maintenance of Endoscopy quality measures to document and improve performance. The technology stores clinician procedure notes as structured data and uses the structured data to organize and generate documentation directed to specific audiences. The technology provides medical content for Gastroenterology. This system should include nursing notes, including pre-procedure assessment, intraprocedural documentation (e.g. medication administration) and post-procedure recovery. This system must have the appropriate Department of Defense approvals to integrate with the current DoD electronic health record such that the procedure report and endoscopic images are incorporated into the patient's health record.
2. Delivery Date: Delivery of all items shall be made no later than 12 weeks after contract award.
3. Specific Requirements:
 - a. **Minimum requirement: Brand Name Dell R630 Application Server,Rack Mount or Equal (2)**
 - i. PowerEdge R630 Server, Rack Mounted
 - ii. Ready Rails, Sliding Rails With Cable Management Arm
 - iii. Dual, Hot-plug, Redundant Power SupplyAttribute
 - iv. 8GB SD Card For IDSMD
 - v. DIMM Blanks for System with 2 Processors
 - vi. Intel Xeon E5-2640 v3 2.6GHz,2 0M Cache,8.00GT/s QPI,Turbo,HT ,8C/16T (90W) Max Mem 1866MHzAttribute (2)
 - vii. RAID 1 System Partition Min 300 GB
 - viii. RAID 5 Data Partition Min 1TB
 - ix. 3 Year Extended OEM Warranty
 - b. **Minimum requirement: Brand Name endoPRO iQ Capture Workstation or Equal (4)**
 - i. Dell Precision Tower 5810 XCTO Base
 - ii. 8GB (2x4GB) 2133MHz DDR4 RDIMM ECC
 - iii. Nvidia Quadro K2200 4GB (2 DP, DL-DVI-I) (1 DP to SL-DVI adapter)
 - iv. Windows 7 Pro English, French, Spanish 64bit

- v. 8x Slimline DVD+/-RW Drive
- vi. Intel Xeon Processor E5-1607 v 3 (Four Core, 10MB Cache, 3.1G Hz)
- vii. 500GB 3.5inch Serial ATA (7,200 Rpm) Hard Drive
- viii. 22" monitors
- ix. Matrox Orion HD, graphics adapter with video capture capabilities
 - 1. PCIe® x16 half-length board
 - 2. 1GB DDR SDRAM shared memory
 - 3. Matrox-designed Direct®X 9-compatible GPU
 - 4. Analog, DVI-D and SDI video acquisition
 - 5. SD/HD DVI-I and SDI input/outputs
 - 6. RGB / CVBS (3) / YPbPr, DVI-D / and SDI
 - 7. MIL license fingerprint and storage
- c. **Minimum requirement: Brand Name Pentax Interface for Olympus Processors or Equal (4)**
 - i. Interface between Olympus 180/190 and Capture PC
 - ii. Enables capture from scope buttons without footswitch
 - iii. 3.5 MM Input from OLY 180/1990
 - iv. RS-232 Data Connection to PC
- d. **Minimum requirement: Brand Name Dell T5810 Review Workstation or Equal (4)**
 - i. Dell Precision Tower 5810 XCTO Base
 - ii. 8GB (2x4GB) 2133MHz DDR4 RDIMM ECC
 - iii. Nvidia Quadro K2200 4GB (2 DP, DL-DVI-I) (1 DP to SL-DVI adapter)
 - iv. Windows 7 Pro English, French, Spanish 64bit
 - v. 8x Slimline DVD+/-RW Drive
 - vi. Intel Xeon Processor E5-1607 v 3 (Four Core, 10MB Cache, 3.1G Hz)
 - vii. 500GB 3.5inch Serial ATA (7,200 Rpm) Hard Drive
 - viii. 22" monitors
- e. **Minimum requirement: Brand Name Herga Medical Grade Tri-Pedal Footswitch or Equal (1)**
 - i. Tri Pedal
 - ii. Complies with UL 60601-1:2005
 - iii. Complies with ANSI/AAMI ES60601-1:2005/(R)2012,
 - iv. Complies with CSA-C22.2 No 60601-1:14,
 - v. RS-232 Data Connection
- f. **Minimum requirement: MS SQL**
 - i. MS SQL Server Enterprise 8 Core or Equal (1)
 - 1. Ability for encryption at rest
 - 2. Software Maintenance
 - ii. MS SQL Server Enterprise 4 Core or Equal (1)
 - 1. Ability for encryption at rest
 - 2. Software Maintenance
 - iii. Minimum requirement: Brand Name MS SQL Server Standard Single User and Server or Equal (1)
 - iv. Minimum requirement: Brand Name MS SQL Standard Single User or Equal (4)
- g. **Minimum requirement: Brand Name endoPRO iQ Department of Defense Site License (1) or Equal**

- i. Complies with the current DOD/Army Information Assurance and HIPAA Information Assurance requirements as listed in the following documents
 - 1. Military Health System DOD Business Associate Agreement (TMS TPS BAA)
 - 2. MEDCOM IA and HIPPA Standard Contract Language (MEDCOM Required IA and HIPPA Contract Language)
 - 3. Memorandum of Agreement for Business to Business Gateway (B2B Memo of Agreement Template) "Warranty will start at clinical acceptance and use per Current Government Contract
 - ii. Must have valid DoD Security Authorization Decision- Authorization to Operate (ATO)
- h. Minimum requirement: Brand Name endoPRO iQ Capture License (4) or Equal**
 - i. Capable of storing and retrieving images from digital cameras and other digital imaging systems that are used for endoscopic procedures
 - ii. Capable of collecting, recording and annotating images and video from Olympus processors and endoscopes; Fujinon double-balloon endoscopes; Boston Scientific Spyglass coledochoscopes; and, fluoroscopes made by Siemens and Philips.
 - iii. Accommodative of database queries
 - iv. Capable of patient scheduling and tracking from arrival to discharge
- i. Minimum requirement: Brand Name endoPRO Mobile Cart Synch License (4) or Equal**
 - i. Ability to synch on demand or operate in standalone mode
- j. Minimum requirement: Brand Name endoPRO Doc-U-Scribe Reporting License (4) or Equal**
 - i. Capable of capturing and reporting quality and safety data to calculate/track cecal intubation rates, rates of gastrointestinal (GI) tract lesions, complication rates, implanted medical devices and time to next procedure with a reminder system. The quality and safety data shall have a summary report capability, capable of being sorted by field including but not limited to endoscopist, gender, age and indication.
 - ii. Accommodative of database queries
 - iii. Certified with GI Quality Improvement Consortium
- k. Minimum requirement: Brand Name endoPRO Nursing Notes Synch License (4) or Equal**
 - i. Allows staff to electronically complete and sign all required point of care documentation
- l. Minimum requirement: Brand Name endoPRO Motion Picture Studio Video Cap License (1) or Equal**
 - i. Capable of collecting, recording and annotating video from Olympus processors and endoscopes; Fujinon double-balloon endoscopes; Boston Scientific Spyglass coledochoscopes; and, fluoroscopes made by Siemens and Philips.
 - ii. Capable of capturing and storing HD video clips
- m. Minimum requirement: Brand Name endoPRO iQ Review License Enterprise (1) or Equal**

- n. **Minimum requirement: Brand Name endoPRO iQ HL7 Inbound Interface (ADT/SIU/ORM) (1), HL7 Outbound Interface (ORU) and HL7 Outbound Interface (UNC/PDF) or Equal**
 - i. Capable of bidirectional communication with HL7 Based EMR including but not limited to importing patient identifiers, demographic information, pathology/cytology results and exporting reports and images.
 - ii. Capable of exporting procedural reports with text and images to the Armed Forces Health Longitudinal Technology Application (AHLTA) Healthcare Artifact and Image Management Solution (HAIMS).
- o. **Minimum requirement: Software Service Maintenance Agreement, Annual (1)**
 - i. Must include unlimited 24/7 technical telephone support and assistance
 - ii. Must include remote technical support via approved remote access method
 - iii. Must include no cost software updates, corrections, bug fixes, patches within the current software version
 - iv. Must include medical content updates: ICD/CPT, updated medical terminology, maneuvers, instruments etc. at no additional cost
- p. **Minimum requirement: Implementation Services**
 - i. Project Management
 - ii. Training
 - iii. Installation
 - iv. In-Servicing
 - v. Software Customization