Hybrid OR/Cath Lab Specifications
(Single Plane System)

Floor- or Ceiling-mounted single plane C-Arm

- Large Field of view FD for vascular studies
- DSA and Roadmapping applications
- Run-off capability
- Cardiac Imaging
- Vascular Imaging
- Rotational acquisition

Displays

- 56" 8 MP monitor with tableside control
- Minimum 19" flat panel monitor as backup to 56" monitor with tableside control
- Compatibility with third party video integration

Additional Equipment

- UPS to maintain total system functionality for 10 minutes without facility power
- Rotational acquisition
- Operating Room Table with minimum weight capacity of 500 lbs
- HL7 and necessary licenses for integration of ancillary equipment
- Runs on Windows 7 or latest version

Staff Safety

- Staff dose display system
- Wireless headset intercom system
- Dose reduction features

Interface Specifications

- Must be on the VistA Imaging Approved DICOM Modality Interface List
- 3rd Party post processing workstation integration capability
- HL7 Integration/HIS/RIS (Worklist)
- Ability to interface with 3rd party integration company

Advanced Applications

- The ability to fuse images from CT, MRI, and ultrasound
- Cone Beam/3D imaging capable/CT-IR Imaging/Cross-beam for needle localization
- Ability to integrate multiple modalities into the software/workstation of the Cath Lab unit
- IVUS Integration
- Ability to do rotational imaging
- Digital Subtracted Angiography
- Stenosis measurements
- Vessel analysis/mapping
- Peripheral angiography
- Coronary Angiography

- 3D reconstruction with overlay/registration to live fluoro imaging

Training

- On-site or off-site applications training for physicians (2 physicians – tuition and travel)
- Pre-installation clinical education for technologists (2 technologists – tuition and travel)
- On-site clinical education for technologists training for activation (2 technologists)
- Follow up on-site clinical education and applications training (72 hours)
- Full Biomed Systems training (1 engineer – tuition and travel)

Desired Options

- Integrated ultrasound capability
- Remote control capabilities
- Integrated System Shielding
- Ability to interface with 3rd party integration system
- VPN/Remote access for service
- Extended 6 month warranty