

SHIP TO: WADE PARK WHSE
V.A. Medical Center
CHIEF, ACQ & MAT'L MGT
10701 EAST BOULEVARD
CLEVELAND, OH 44106

REQUISITION: 541-B93042

Qty	Product Description
1	OEC 9900 Elite™ Digital Mobile Motorized C-arm VasMTS (Vascular MTS Platform with 30 fps digital disk and 12" I.I.)
1	12" Twelve Month Extended Warranty, 9900
1	Trade in: OEC 9900 E2-7250-MH *Trade-In must be picked up within 14-days of New Equipment Delivery

Optional Items*

1	Service Training, 1 Week, 9900 Technical Full Product Training without Accommodations
---	--

<i>Qty</i>	<i>Description</i>
1	<p>OEC 9900 Elite™ Digital Mobile Motorized C-arm VasMTS (Vascular MTS Platform with 30 fps digital disk and 12" I.I.)</p> <p>High performance mobile C-arm for use in vascular and endovascular procedures. Provides flexible mechanical features, rotating anode x-ray tube, user-friendly touch screen user interface, and superb image quality.</p> <p>The physical dimensions and the open design of the C-arm allow the system to be easily transported throughout the hospital and provide unobstructed imaging access around the patient and procedural table.</p> <p>Digital Image Processing and Workstation</p> <ul style="list-style-type: none"> - Dynamic Range Management (DRM) controls for image management - Six pre-set imaging profiles for optimized anatomical capture - Dual articulating, high resolution flat screen black & white monitors - Integrated keyboard touchpad - cursor/tap controls - DICOM 3.0 interface with send and query/retrieve - CD/DVD on-board media storage, read/write compatible - USB 2.0 mass storage device, write only, .jpg/.bmp/.avi file formats

Part Number	Qty	Description	List Price	Net Price
		<p>X-ray Generator</p> <ul style="list-style-type: none"> - 60 kHz high frequency - 15kW power - Up to 120 kVp - Up to 75mA for radiographic film exposure - Continuous high level fluoro (HLF) up to 20mA - Digital spot up to 75 mA - Full power from standard wall outlet - Patented battery buffered design <p>X-ray Tube</p> <ul style="list-style-type: none"> - Rotating anode x-ray tube - 0.3mm and 0.6mm focal spots - Anode heat capacity: 300,000 HU (per IEC 60613) - Anode cooling rate: 85,000 HU/min. - Housing heat capacity: 1,600,000 HU - Standard housing cooling 31,000 HU/min. <p>Digital Image Rotation</p> <ul style="list-style-type: none"> - Digitally adjusts image display - Automatic image update - Image rotation - Image reversal (side-to-side) - Image invert (top-to-bottom) - Image positioning without additional exposure <p>PreView™ Collimator</p> <ul style="list-style-type: none"> - On-screen collimator position indication - PreView™ iris collimator - PreView™ Tungsten rotatable double leaf collimator - Adjusts collimator without X-ray exposure <p>Fluoro Mode</p> <ul style="list-style-type: none"> - kVp range: 40 -120 - mA range: 0.2 - 10 1.0 - 20 HLF (high level fluoro) - Auto and manual fluoro modes - AutoTrak™ ABS varies mA, kVp camera gain <p>Pulsed Fluoro Mode</p> <ul style="list-style-type: none"> - kVp range: 40 - 120 - mA range: 0.2 - 10 - Pulse rate: 1,2,4,8 - Pulse width: 25 or 50ms - AutoTrak™ ABS, mA, kVp, camera gain - Reduces X-ray dose to patient and operator <p>High Level Pulsed Fluoro</p>		

Part Number	Qty	Description	List Price	Net Price
		<ul style="list-style-type: none"> - kVp range : 40 - 120 - mA range: 1 - 40 - Pulse rate: 1,2,4,8 - Pulse width: 25 or 50ms - AutoTrak™ ABS, mA, kVp, and camera gain 		
		<p>Digital Cine Pulse Mode</p> <ul style="list-style-type: none"> - kVp range: 40 - 120 - mA range: up to 150 - Pulse rate: 15 or 30 pps 60 Hz, 12 or 25 pps 50Hz - Pulse width: 10ms - AutoTrak™ ABS, mA, kVp, camera gain 		
		<p>Digital Spot Mode</p> <ul style="list-style-type: none"> - kVp range: 40 - 120 - mA range: Up to 75 - Automatic exposure termination and automatic image save 		
		<p>Radiographic Mode</p> <ul style="list-style-type: none"> - mA range: up to 75 - mAs range: up to 300 - Computer controlled exposure time 		
		<p>12" Image Intensifier</p> <ul style="list-style-type: none"> - Tri-Mode 12"/9"/6" (31cm/23cm/15cm) image intensifier - Minimum central resolution (at the monitor) - 12" (31cm): 1.6 lp/mm - 9" (23cm): 2.2 lp/mm - 6" (15cm): 2.6 lp/mm - DQE: 65% (typical) 		
		<p>Precision imaging with Dynamic Range Management (DRM) enhances features of interest while attenuating background noise.</p> <ul style="list-style-type: none"> - Preset Imaging Profiles - 9800 - General - Orthopedic - Spine - Vascular - Bolus Chase 		
		<p>AutoTrak™</p> <ul style="list-style-type: none"> - Automatic Brightness Stabilization (ABS) - Automatically seeks the subject anatomy anywhere within the imaging field and selects the optimum 		

Part Number	Qty	Description	List Price	Net Price
		<p>imaging technique</p> <ul style="list-style-type: none"> - Automatically adjusts to anatomical size and location - Provides uniform image quality throughout entire image - Simplifies operation <p>Image Quality</p> <ul style="list-style-type: none"> - Smart Window: - Dynamically senses the collimator position and automatically adjusts brightness and contrast to produce high image quality. - Smart Metal: - Allow user to adjust automatic brightness and contrast sensitivity levels to metal - Provides optimum image quality even when metal is introduced to the field - Tungsten Collimator: - Denser collimator limits X-ray exposure area - Reduces scatter radiation - Improves image detail <p>Video Camera</p> <ul style="list-style-type: none"> - High resolution 1k x 1k CCD camera - Full frame capture - Motorized rotation - On-screen orientation indicator (real-time feedback without fluoro) - Left-right image reversal - Top-bottom image invert <p>Video Display</p> <ul style="list-style-type: none"> - Dual display anti-glare, LCD flat panel monitors mounted on an articulating arm: - Left hand Black & White monitor, Right hand Color monitor - 22" horizontal travel - 7° up/10° down - Monitors viewable from all four sides of workstation - Horizontal and vertical viewing angle 170° - 1200 CD/M2 maximum brightness - Touch screen system control - 1280 x 1024 high resolution monitors <p>Vascular MTS Platform</p> <ul style="list-style-type: none"> - 1k x 1k x 16 bit image processing - Preset Imaging Profiles: 		

Part Number	Qty	Description	List Price	Net Price
		<ul style="list-style-type: none"> - 9800 - General - Orthopedic - Spine - Vascular - Bolus Chase - Noise filter with on-screen indicator - Minimal difference spatiotemporal noise filter (MDST) - Real-time dynamic range management (DRM) - Automatic digital brightness and contrast control - Manual digital brightness and contrast control - Negate mode - Save and auto-save feature - Swap and auto-swap feature - Patient information - Examination list - Customized patient information - Customize functions - Workstation set-up - Mainframe set up - Patient information set up - Date/time set up - DICOM interface set-up - Last image hold - 1000 image storage - CD/DVD burner with DICOM viewer for displaying images on PC platforms 512 x 512 or 1k x 1k - Integrated DICOM interface (store, print, worklist, and query/retrieve) - HIPAA SecureView - Password protection - Blank screen function - Delete all - Zoom and roam function - Image annotation - Measurement software - 8fps Dynamic digital disk - Recording /playback rate: 1,2,4,8fps - Recording time: 5 minutes @ 8fps - Automatic image playback - Frame-by-frame review - Re-registration - Roadmapping - Variable landmarking - Mask save/recall - Motion tolerant subtraction (MTS) - Digital cine pulse mode 		

Part Number	Qty	Description	List Price	Net Price
		<ul style="list-style-type: none"> - 30 pulses/sec 60Hz (25 pulses/sec 50Hz) - Up to 150mA - 10ms pulse width - 30fps Dynamic digital disk 60 Hz (25 pulses/sec, 50Hz) - Recording/playback rate: 1,2,4,8,15,30 fps 60 Hz (1,2,4,8,12,25 fps 50Hz) - Recording time: 10 minutes @ 30 fps 60 Hz (time depends on record frame rate) (25 fps, 50 Hz) <p>User Interface</p> <ul style="list-style-type: none"> - Entire system is computer controlled and software upgradeable - Touchscreen control simplifies operation - Automated system operation requires minimum operator interface - Multi-functional controls - Footswitch - Hand-held control - Simplified keyboard with integrated touchpad - Multi-purpose image directory - Retrieve and review images - Compose hardcopy films - Copy images - X-ray dose summary <p>C-arm Mechanics</p> <ul style="list-style-type: none"> - Motorized C configuration: 33" depth in arc and 122° orbital rotation - 9°/sec of orbital and lateral motorized rotation - Remote user interface - table side control panel - All 9900 mainframe controls - Image review functions - C-arm motion joystick control - Contact/collision detection - C-arm angle display - real-time and saved images - Dual, illuminated C-arm operator control panels <p>Notes: WSP - Wireless Service Platform</p> <ul style="list-style-type: none"> - The OEC 9900 comes with a device called the WSP which facilitates these capabilities: - USB 2.0 mass storage: The USB functionality is write only, and saves images in .jpg/.bmp/.avi file formats. USB storage devices must be unencrypted and unprotected. <p>Warranty</p> <ul style="list-style-type: none"> - One Year Warranty 		

<i>Part Number</i>	<i>Qty</i>	<i>Description</i>	<i>List Price</i>	<i>Net Price</i>
		<p>OEC Clinical Excellence Onsite Training</p> <ul style="list-style-type: none"> - Up to 3 day of in-service training by our ARRT certified Clinical Imaging Specialists (CIS) during the warranty period. - Post-training skills assessment - Radiographers may be eligible for Continuing Education (CE) credits approved by the American Society of Radiologic Technologists (ASRT). - OEC Clinical Excellence Onsite Training entails up to 8 hours of training per day on system function/operation, provided from 7am to 5pm, Monday through Friday, excluding holidays. Includes all CIS travel expenses. - Training produces the best results when a dedicated user group of technologists complete the session and observe patient procedures while the CIS is on site. - The CIS will provide additional on-line training materials for future reference. 		
	1	12" Twelve Month Extended Warranty, 9900		
		12" Twelve Month Extended Warranty, 9900		
	1	Trade in: OEC 9900 E2-7250-MH		
		*Trade-In must be picked up within 14-days of New Equipment Delivery		

Optional Items

<i>Qty</i>	<i>Description</i>
1	Service Training, 1 Week, 9900 Technical Full Product Training without Accommodations

Trade-in Addendum

Equipment/Vehicle Mfr.	Model & Description	ID/Serial #	Quantity
Trade in: OEC 9900 E2-7250-MH			1.00