

REQUISITION: 635-B90011
REQUESTING SERVICE: RADIOLOGY

V.A. Medical Center
921 NE 13TH STREET
OKLAHOMA CIT, OK 73104

Item	Qty	Description
1		DRX Evolution Plus System
	1	DRX-Evolution Plus System with Motorized OTC and Console, Motorized Wallstand (with Bucky Tray) and Motorized Fixed Table (with Bucky Tray) An exceptionally versatile, flexible DR suite with modular components to fit your specific space, your workflow and your budget. The single operator console integrates generator settings, detector controls, and image delivery and includes a touch screen interface plus keyboard, mouse and barcode reader. It is powered by sophisticated workflow and image processing software. The motorized wallstand utilizes DRX wireless portable detectors and has a wide range of motion with four axes of movement, plus optional lateral movement. The Bucky tilts to horizontal for extremity or supine exams, plus it features side-to-side angulation to more easily perform oblique exams. The fixed table utilizes DRX wireless portable detectors and simplifies patient positioning with an elevating, four-way floating top which can accommodate patients weighing up to 600 lbs (272 kg). The motorized Overhead Tube Crane (OTC) controls are designed and positioned for convenience and efficiency. A tube head touch-screen interactive display shows exam type, technique, AEC cells, tube head angle and more. Standard motorization features allow for auto-centering (tube to center of detector), auto-tracking and auto-perpendicularity for fast, accurate source-to-detector alignment.

Item	Qty	Description
	1	DRX Plus 4343CF Detector Fixed cassette-size, 43x43 cm Csl Detector, fits into a conventional table or wall-stand Bucky. Pixel Pitch: 0.139 mm External Dimensions: 43 x 43 Cassette (ISO 4090) 45.95 x 45.95 x 1.47 cm Carestream Install, Dealer Warranty, Carestream Warranty Parts
	1	Transverse and Longitudinal Rails
	1	Universal Power Supply Universal Power Supply
	1	80kW Generator High Frequency Generator <ul style="list-style-type: none"> • 80 kW Input Three Phase Line: 380-480 VAC; +/-5% • 200 Plus kHz Output • 40-150 kVp standard • 0.5-1000 mAs standard • Unlimited APR views and techniques
	1	480 VAC Input Power 480 VAC Input Power
	1	Stationary Mount
	1	Autopositioning Software Pre-program up to 128 tube and Bucky positions so the equipment automatically moves into position saving time and maximizing efficiency.

Item	Qty	Description
	1	<p>EVP Plus Imaging Processing Software</p> <p>EVP Plus Imaging Processing Software Provides highly automated, state-of-the-art image processing. Uses multi-frequency image processing to increase latitude while preserving detail contrast in both over-penetrated and under-penetrated areas. Automatically processes and delivers diagnostic quality images to PACS based on look preference that can be uniquely specified by each site. Includes grid line suppression that prevents aliasing artifacts and application of a collimator mask. Five independent controls are available for the user for image adjustments in an intuitive user interface.</p>
	1	<p>IHE Schedule Workflow Software</p> <p>Automatically notifies the HIS/RIS about the status of the exams. Includes DICOM Modality Performed Procedure Step (MPPS) that can send exposure Information including OAP values (if installed) to the HIS/RIS.</p>
	1	<p>Modality Worklist Software</p> <p>Modality Worklist Software Facilitates automatic transfer of patient and procedure data from your HIS/RIS system, eliminating manual data entry, and increasing technologist productivity.</p>

Item	Qty	Description
	1	<p>Administrative Analysis and Reporting Software</p> <p>Provides consolidated user-friendly reports from all Carestream CR and DR systems on the network. Example reports include repeat statistics by user and exam type, exposure data by user and exam, detector usage, system use by radiographer and much more. Users can also generate custom reports. Helpful for performance tracking and operational improvements.</p>
	1	<p>Advanced Display Software</p> <p>Change technique/view from the OTC and preview the acquired image at the OTC for acceptance or rejection.</p>
	1	<p>IR Remote Control</p> <p>IR Remote Control Infrared remote control for wallstand up/down/tilt Bucky position, lateral movement on rail, auto-centering, auto-tracking, auto-positioning, collimation size adjustment, and collimator light on/off.</p>
	1	<p>Wall Mount for Touch Screen Monitor</p>
	1	<p>Keyboard Tray</p>

Item	Qty	Description
	1	<p>CARESTREAM Remote Management Services</p> <p>State-of-the-art technology that allows Carestream Health to proactively monitor, diagnose and fix malfunctioning equipment even before it stops working. Provided to all warranty and contract customers, and available for current PACS, IMS, RIS, CR and DR product lines.</p>
	1	<p>Additional Keypad for Wallstand</p>
	1	<p>PatientCD</p> <p>Burns patient images on a CD that includes a DICOM viewer which can be provided to patients for their records or to supply to a referring physician.</p>
	1	<p>Enhanced PC Workstation</p> <p>Enhanced PC Workstation Intel E5 Processor 256GB/1TB SSD 32GB RAM, AMD GPU</p> <p>Enhanced PC Workstation Intel Xeon E5 CPU 32 GB DDR4-2133 RAM 256GB SATA SSD 1TB SATASSD 4GB GPU Super Multi DVDRW ODD</p>
	1	<p>2D Barcode Reader for DRX</p> <p>2D Barcode Reader for DRX</p>

Item	Qty	Description
	1	<p>Prior Image Review</p> <p>Retrieve and review images from PACS to review anatomy and positioning and copy techniques to the current exam in order to standardize exposure techniques for optimal image quality.</p>
	1	<p>DR Total Quality Tool Software and Phantom</p> <p>Package Includes Phantom and SW license for one Carestream DR system console. Performs objective image tests and QC measurements on Carestream DR detectors. The software analyzes flat field, dark noise and phantom image test performance. Test results are provided automatically with historical trending. The user can export the data for independent analysis. The software uses the same interface as that used for patient exams. Perform these tests when it's convenient for you - without interrupting workflow or incurring the cost of third party testing.</p>
	1	<p>DAP Meter</p> <p>DAP Meter Measures the Dose Area Product of the x-ray tube for an exposure and documents this in the DICOM header. With the optional IHE Scheduled Workflow Software the DAP data will be sent to the RIS via DICOM Modality Performed Procedure Step (MPPS).</p>
	1	<p>Proximity Badge Reader</p> <p>Reader eliminates the need for manual entry of user login and provides error-free identification and security. Reads both 125 kHz proximity cards and 13.56 MHz contactless cards that are common facility access cards for other purposes.</p>

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	1	Military Grade FIPS Data in Transit (DIT) Wireless Encryption to Detector
	1	<p>IHE Dose Reporting Software</p> <p>Collects and distributes comprehensive dose information to PACs including OAP value, techniques, and exposure indices. IHE has defined a protocol for reporting patient exposure dose. This feature will create a report using the IHE structure and send it to whatever destination the user identifies.</p>
	1	GRID/DRX-EVOWALL/140 cm/8:1/40 Lines per Cm
	1	<p>SmartGrid Software</p> <p>SmartGrid feature is a software option that provides, upon request by user, a diagnostic radiograph image with a reduction in visible x-ray scatter similar to the effect of an anti-scatter grid.</p>
	1	<p>Standard Touch Monitor</p> <p>Standard Touch Monitor</p>
2		Professional Services
	1	<p>CSH Applications DR Basic User Training 1 Day</p> <p>Basic User Applications Training (sold in 8 hour blocks) provides the Technologist(s) with the skills necessary to use the system and produce images for diagnostic interpretation. Any training not used within 24 months of installation will be forfeited.</p>

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	1	Directview Key Operator Training 3 Days for US / 1 Day Outside US Any training not used within 24 months of installation will be forfeited.
	1	Workflow and Image Customization Training (1 day) Any training not used within 24 months of installation will be forfeited.
3		Professional Services
	1	DR - CSH DRX1 /Mobile System Training Technical DRX1 In Room and Mobile System Training for Biomedical Engineers Any training not used within 24 months of installation will be forfeited.
	1	DR - Evolution System Training - Full (Cat# 8695595 is a prerequisite) Technical DRX EVOLUTION System training for Biomedical Engineers Any training not used within 24 months of installation will be forfeited.
4		Professional Services
	1	XRAY Room Removal-Ceiling Mounted
5		DR Accessories
	1	Trade In Credit
6		DR Accessories

Item	Qty	Description
	1	5 Year Extended Warranty
7		OR Accessories
	5	Accident Protection Plan for Each Warranty Year
8		OR Accessories
	1	Detector Battery Charger
	1	<p>Tech Assist Chest QA Software Package</p> <p>Package includes:</p> <p>Contrast Noise Ratio Target contrast and lower limit is set by the Radiologist. If the CNR on the acquired image is outside of this range the user is notified.</p> <p>Anatomy Clipping Software Outlines areas where the software has determined the chest anatomy may have been collimated off of the image.</p> <p>Deviation Index Quantifies the deviation of the actual exposure index from the preset target range which is set by the Radiologist. If the DI on the acquired image is outside of this range the user is notified.</p>
	1	<p>Pneumothorax Visualization Software</p> <p>Creates a companion image from the original exposure that is optimized to accentuate the appearance of free air in the chest cavity.</p>

Item	Qty	Description
	1	<p>Bone Suppression Software</p> <p>Creates a companion image to the original exposure (chest views) which suppresses the appearance of bone and enhances the visualization of soft tissue. Requires no additional exposure to the patient. Has potential to increase the confidence of pathology assessment due to improved visibility.</p>
9		<p>Ascend Accessories</p>
	1	<p>2-Step Weight-Bearing Rolling Stand</p> <p>2-Step Weight-Bearing Rolling Stand</p> <ul style="list-style-type: none"> • Allows for positioning for lower extremities. • AUTO locking front wheels with DUAL rear wheel Locking control, for easy positioning and safety • Patient step, with patient grab-bar for positioning and safety • Transparent platform for easy visualization and alignment of anatomy to image receptor • Patient Standing Weight capacity: 350 lbs. (160 kg) • 2-step compatibility with QVSCO Universal Stand <p>This may be a long lead time item for delivery - Please check with order services and planning to determine accurate delivery schedule</p>