REQUESTING SERVICE: DIAGNOSTIC SERVICES
SHIP TO: ALEDA E. LUTZ
         V.A. Medical Center
         VA MEDICAL CENTER
         WAREHOUSE BLDG. #9
         1500 WEISS STREET
         SAGINAW, MI 48602
REQUISITION: 655-B60022

Item	QTY	Description
1	2	**DRX Revolution**
	2	**DRX-Revolution Mobile X-Ray System** Carestream's innovative mobile X-ray room on wheels. The DRX-Revolution offers bins for gloves, paperwork, markers, bags and a lockable storage space for the detector. The collapsible column allows increased visibility and safety when driving the system. The tube arm can reach over 53 in (135 cm) to accommodate larger beds and crowded rooms while the system has 32 kW of power for shorter exposure times and more flexible technique selection. Dual, independent drive motors provide easy maneuverability and a maximum drive speed up to 3.5 m/h (5.6 km/h). An integrated proximity badge reader automatically logs the operator into the software and displays the patient worklist. Two touch-screen displays provide dual work zones with a 19 in. main monitor and 8 in. tube head monitor that allow the user to: • display the patient worklist • review prior images (optional software) • copy or change technique • accept or reject imagesOther features include: • Integrated 1D barcode reader

Item	QTY	Description
		• 2 integrated battery chargers for detector batteries • Integrated storage bins for 1 DRX-1 detector, 1 2530C detector, 1 portable grid holder or grid alignment device • Wired exposure switch • Direct access to RIS/PACs X-Ray Generator: • Maximum Power Output 32kW • Vp Range 40 to 150 kVp • mAs Range 0.1 to 320 mAsX-RAY Tube: • Focal Spot Size: 0.6 mm / 1.2 mm • Target Angle: 14 degrees • Anode Heat Capacity: 300 kHU (212 kJ)Tube Head Movement: • Maximum SID to Floor: 2022 mm (79.6 in.) • Minimum SID to Floor: 683 mm (26.9 in.) • Tube Arm Reach: 1351 mm (53.2 in.) • Column Rotation Range: +/- 270 degrees • Tube Rotation: +180 degrees CW/-135 degrees CCW • Tube Tilt: -10 to +90 degrees • Collimator Rotation Range: +/- 90 degreesPhysical Characteristics: • Weight: 575 kg (1268 lbs) • Height (column collapsed): 1295 mm (51.0 in.) • Height (column extended): 1956 mm (77.0 in.)

Item	QTY	Description
		• Width: 576 mm (22.7 in.) • Length: 1219 mm (48.0 in.)
	2	**DRX Plus 3543C Detector** Wireless, cassette-size, 35 x 43 cm CsI Detector for fast workflow and instant access to images. Fits into standard Bucky trays and the wireless capability make it also ideal for tabletop use. The detector uses Cesium Iodide (CsI) for dose-sensitive applications. • Wireless standard: 802.11n • Image size: 35.0 x 42.3 cm • Pixel Pitch: 0.139 mm • External Dimensions: 35 x 43 Cassette (ISO 4090) 38.35 x 45.95 x 1.47 cm
	2	**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.

Item	QTY	Description
	2	**IHE Schedule Workflow Software** Automatically notifies the HIS/RIS about the status of the exams. Includes DICOM Modality Performed Procuedure Step (MPPS) that can send exposure Information including DAP values (if installed) to the HIS/RIS.
	2	**Modality Worklist Software** Facilitates automatic transfer of patient and procedure data from your HIS/RIS system, eliminating manual data entry, and increasing technologist productivity.
	2	**Administrative Analysis and Reporting Software** 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.
	2	**RMS**
	2	**Portable Grid and Holder 103 LPI 6:1 40-72 FD** Ultra lightweight grid holder with two handles for easy positioning in any orientation. Rounded edges and smooth surfaces allow it to slide easily behind patients. Hard rubber corners, internal cushioning and energy absorbing

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		design help to reduce shock from dropping. • Grid holder with handle on both the long and short axis • Ratio is 6:1 • Al interspace material • Resolution is 103 lp/inch grid • 40-72 Focal Distance (grid lines parallel to long axis) • 1.64 kg (3.61 lb)
	2	**Remote Exposure Switch** Wireless, remote x-ray exposure switch for maximum mobility in making portable exposures
	2	**DAP Meter** Measures the Dose Area Product of the x-ray tube for an exposure and documents this in the DICOM headder. With the optional IHE Scheduled Workflow Software the DAP data will be sent to the RIS via DICOM Modality Performed Procedure Step (MPPS).
	2	**Prior Image Review** 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.
	2	**ICU Software Package** Package includes: Tube and Line Visualization Software Creates a companion image from the original exposure with

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		optimized processing for clearer, easier visualization of PICC lines and tubes. With a single exposure, the software It increases confidence that tubes and lines are placed correctly. Pneumothorax Visualization Software Creates a companion image from the original exposure that is optimized to accentuate the appearance of free air in the chest cavity. Auto-Correct for Image Display Analyzes the image content and presents chest images in the proper orientation regardless of detector orientation
	2	DRX Detector Battery
	2	**Standard side panels for DRX-Revolution**
	2	**Fips Option for DRX-Revolution**
	2	**IHE Dose Reporting Software** Collects and distributes comprehensive dose information to PACs including DAP 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.
	2	STANDARD COLLIMATOR FOR DRX-REVOLUTION

Item	QTY	Description
	2	**DRX Detector Battery**
	2	Cord Reel (USandC)
2	**2**	**Professional Services**
	2	**Applications DRX REVOLUTION Key Operator Training - 2 days** To provide the Operator with the skills necessary to use the Revolution system and produce images for diagnostic interpretation. It also provides an overview of Key Operator functions to allow the Key Operator to define system requirements and procedures necessary to configure the system according to the site's workflow environment. The Key Operator training is provided using the train-the-trainer philosophy, thus Key Operators can continue training your current staff as well as new staff in the future.
	2	Applications Training 8 Hours
3	**2**	**Trade - In**
	2	GE AMX -4/4+ Trade-In Credit Includes no-charge removal of 2 existing CR readers
4	**2**	**DR Accessories**
	2	DRX Accident Protection for Warranty Year

Optional

Item	QTY	Description
5	2	**DR Accessories**
	2	**DRX 25x30C Detector** Wireless, 25 x 30 cm, DR Detector designed for high productivity and instant access to images. The detector utilizes Cesium Iodide (CsI) for dose-sensitive pediatric applications. The smaller size is ideal for orthopedic tabletop imaging offering flexible positioning and easy handling. Product Specifications: • Wireless standard: 802.11n • Image size: 25 x 30 cm • Pixel Pitch: 0.139 mm • External Dimensions: 28.4 x 41.5 x 1.6 cm
	2	**No charge battery for 25X30 Detector**
	2	**DRX 25X30C Detector Battery**