

## 2. Proposed Configuration

### 2.1. Licenses

#	Qty	Description				
1	1	<b>5XJQK</b> - NX CATHETER PROCESSING				
		NX Catheter Processing increases the visibility of catheters and other low contrast, tube like, structures in General Radiology images with the touch of a button.				
2	1	<b>5ZHC4</b> - NX MUSICA 3rd Generation				
		NX MUSICA 3rd Generation is fully automatic and exam-independent- image processing. Provides consistent, high quality image processing for Agfa HealthCare CR and DR solutions Eliminates the need for window level adjustment providing outstanding workflow for both technologists and physicians Provides a balanced presentation of different tissue structures for comfortable reading. Radiologists and Clinicians get more diagnostic information from their images, such as: A high level of detail in the mediastinum. Sharp trabecular and cortical bone. Balanced presentation of both soft tissue and overlapping bone structures. Visualization of subtle details in the abdomen. True representation of orthopedic implants with clear bone interfaces. ( Please note: Professional Services is required for proper configuration of MUSICA 3rd Generation)				
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### 2.2. Hardware system

#	Qty	Description
3	1	DX-D 100+ 40kW Filter & DAP w/FreeView
3.1	1	55223 DX-D 100+ - DX-D40/45 -40KW-300KHU-110V: Mobile Radiography System with 40 kW Generator, Integrated 17" Touch-Screen LCD Monitor and Operator Console.  X-RAY GENERATOR 40 kW maximum output kVp Range 40 - 150 kVp mA Range 10 - 500 mA mAs Range 0.1 - 500 mAs Timer Range .001- 10 sec  X-RAY TUBE

			<p>0.6/1.2mm focus 300 kHU, 150 kVp 12 degree target angle</p> <p>TUBE ARM / STAND Repositioning controls Tube arm reach - 49.2" Column Rotation +/- 315 degrees Maximum SID to Floor - 80.7" Minimum SID to Floor - 21.6"</p> <p>MOBILE UNIT Weight 1,268 lbs [575 kg] standard column / 1,312 lbs [595 kg] telescopic column L 53.54" x W 26.4" x H 77.9" [136 x 67 x 198 cm] Frontal Anti Collision system Drive speed up to 4km/h [2.48 mph] Two (2) drive motors one for each wheel [forward and reverse]</p>
3.2	1	56A26	<p>DX-D 100 - DX-D40/45 - WLS LINK PACKAGE: Wireless interface package enables communication between the DX-D- 40/45 detectors to the NX workstation.</p>
3.3	1	XBV26	<p>NX9000 COUNTRYKIT DX-D 100: NX9000 COUNTRYKIT DX-D 100: Includes NX Software &amp; USB Dongle; NX software will be staged on DX-D 100 units in production; including ALF creation.</p>
3.4	1	55SAF	<p>DX-D 40C DETECTOR SET/A: DX-D 40C Wireless DR Detector Set includes: One (1) DX-D 40C Wireless Amorphous Silicon Detector with TFT - Cesium Iodide (CsI) Conversion Screen Effective Image Area: 356.7 mm x 428.4 mm Size: 46 x 38.4 x 1.5 cm (18.1 x 15.1 x 0.6 inch; ISO 4090) Weight: 3.4 kg (7.5 lbs) (incl. battery) – Gray scale: 14 bit Pixel Matrix: 2,548 x 3,060 Pixel Pitch: 140 µm - Resolution: Min</p>

			3.5 lp/mm Energy Range Standard: 40-150 kVp Wireless data transmission: IEEE 802.11a/b/g/n, 2.4GHz/5 GHz Three (3) DX-D 40C batteries One (1) DX-D 40C battery charger One (1) DX-D 40C Screw-on Handle
3.5	1	55DH5	SCU BOX Mini: System Control Unit for DX-D 40 and DX-D 45 detectors
3.6	1	55DJ7	Battery Charger Mini Dual Size: The battery charger is mounted onboard the DX-D 100 and will charge two detector batteries. One battery for the DX-D 40 and one battery for the DX-D 45.
3.7	1	59RLV	DX-D 100 CISCO ACCESS POINT DOMAIN B
3.8	1	5P2BX	NX PREMIUM DX-D 100: NX user interface includes modality work-list query, manual patient entry, exam configuration, image acquisition, image preview/QC, integrated generator interface, DICOM Store and DICOM Print NX MUSICA2 -Intelligent self adapting image processing NX OPTIVIEW - grid line suppression, black border presentation, square marker NX PRECISION TOOLS - Advanced measurements and annotations NX RIS CONNECTIVITY – Connects DICOM or non DICOM devices, includes procedure code mapping tool NX INTEGRATED WORKFLOW – Functional, efficient emergency protocols. Modality Performed Procedure Step (MPPS) and DICOM Storage Commit (DSC) NX QUALITY ASSURANCE - Dose monitoring and repeat reject analysis including ability to export reports. Feedback of exposure levels are graphically visible on the workstation and can also be sent, within the DICOM header to the

			PACS system
3.9	1	E3NDE	<p>NX DS NX 3.0 Features License:  NX 3.0 Feature License Functionality includes NX Workflow Enhancements such as:  DVD Automation  Forced Operator ID  Auto Thumbnail Advance  Full Screen viewing mode  Interface support for optional 2 MP and 3 MP Monitors (monitors not included).</p>
3.10	1	5QSFC	<p>NX Extended Dose Monitoring:  NX Extended Dose Reporting supports the IHE REM Profile structured reporting [REM is Radiation Exposure Monitoring]. NX Extended Dose Reporting works in conjunction with NX Quality Assurance Dose Monitoring program (not included, separate software). This software may be used on a single NX Workstation or on an NX Central Monitoring Station</p>
3.11	1	54RWC	<p>DX-D 100 TELESCOPIC COLUMN:  The counter balanced, mechanical FreeView telescopic column provides improved visibility for safer and faster transport to the patient. Navigating busy corridors and rooms is simply easier with the FreeView technology. The telescopic arm and column are collapsible, ensuring an unobstructed view. The patented mechanical design equals faster deployment, lower maintenance and easier cleaning.</p>
3.12	1	5X3W7	<p>DX-D 100 Man Collim w/ Integr Man Filt:  This collimator includes advanced dose management features. A single bright LED is used for the field light. There is a convenient built in tape measure for manual measurement of the SID. Also, the laser SID positioning tool provides correct and consistent</p>

			<p>Source Image Distance (SID). Two laser lights converge to one at a fixed 1 meter / 40 inch distance minimizing radiation dose deviations due to distance inconsistency. This is especially beneficial in neonatal imaging.</p> <p>The inherent filtration is a Minimum 2.0 mm Al at 70 kV A filtration wheel allows 3 Manual Filtration Options: No additional filtration 1mm AL 1 mm Al + 0.1 mm Cu 1 mm Al + 0.2 mm Cu</p>
3.13	1	5799U	DX-D 100 POWER PLUG USA
3.14	1	56A4B	DX-D 100 log-on Keypad
3.15	1	5PTV4	DX-D 100 Dose Area Meter: External Dose Area Product (DAP) Meter- Provides digital readout of Dose Area Product for each acquired individual exposure- Provides digital readout of accumulated Dose Area Product for a sequence of exposures
3.16	1	56A38	DX-D 100 detector status light: Detector status light option is a bright green LED light that surrounds the perimeter of the NX workstation. This is a visual indicator that the detector is ready for exposure. During the X-ray exposure, the light changes to yellow, indicating an exposure is made. This visual indicator is especially helpful in ED or surroundings when an audible beep cannot always be heard over the background noise.
3.17	1	56A5D	DX-D 100 Bluetooth support: The Bluetooth support enables the use of Bluetooth accessories for the DX-D 100, such as bar-code readers.
3.18	1	52E2P	GRID DX-D 40, R 6:1 ,215 l/inch, F 40-72: Anti-Scatter Grid with handle for 14X17 Detector.

			Anti-Scatter Protect-A-Grid fits the following ISO 4090 size DR Panels (35 x 43cm or 14 x 17inches): DX-D 40C Wireless DR Panels DX-D 40G Wireless DR Panels Grid Ratio: 6:1 215 lines/inch Focal length 40-72 inches
3.19	4	5048T	DX-D PROJECT SERVICES: Project Management
3.20	8	5046P	DX-D INSTALLATION: Installation services
3.21	8	5047R	DX-D APPLICATION TRAINING: DX-D Applications
26	1	DR Detectors, Accessories and Upgrades	
26.1	1	5107U	MAGNETIC HOLDER SANI WIPES
26.2	1	5108W	MAGNETIC HOLDER HAND SANITISER
26.3	1	5109Y	MAGNETIC HOLDER GLOVES
26.4	1	55WOP	DX-D 100 Upgr. IR remote

### 2.3. Implementation Services

#	Qty	Description
	32.00 HRS	Application Services
	24.00 HRS	Project Management