

REQUESTING SERVICE: NUCLEAR MEDICINE-NY
SHIP TO: WAREHOUSE
V.A. Medical Center
DEPT OF VETERANS AFFAIRS
MEDICAL CENTER
423 EAST 23RD STREET
NEW YORK, NY 10010

REQUISITION: 630-B80026

Item No.	Qty	Description
	1	T 850 ES
1	1	<p>NM/CT 850ES system is a hybrid SPECT/CT imaging system combining a nuclear imaging camera with a hybrid-dedicated low-dose CT subsystem. It has an all-purpose, dual-detector, free-geometry integrated nuclear imaging camera that features the advanced Elite NXT detector technology, slim gantry, cantilevered patient table, an Acquisition station and Smart Console digital processing workstation, now combined with a Revolution ACTs CT that has been adapted for low-dose hybrid-dedicated use within the NM/CT 850 imaging system.</p> <p>The Elite NXT detectors feature 3/8" thick detectors for all-purpose nuclear imaging. The adapted low-dose hybrid-dedicated Revolution ACTs is an 8-Slice CT with short geometry designed gantry and New Clarity panel detector HiLight™ scintillator with DAS on detector (DoD) and other advanced OptiDose* dose management features.</p> <p>Key features of the free-geometry NM/CT 850ES design include:</p> <ul style="list-style-type: none"> • Slim-profile, wide-bore, robotic gantry design • 180° and 90° orientations of the NM detectors for high SPECT and WB scanning efficiency • Rapid, simultaneous multi-axis gantry motions • Upright and horizontal detector orientations for exceptional clinical versatility, including patients that are in a hospital bed, standing or sitting during scan • Multi-functional, dual-axis imaging table • Automatic "home" positioning enables easy setup of the gantry and the table using pre-programmed detector geometries and imaging modes • Real-time automatic body contouring • User-friendly, intuitive Linux-based user interface • CT imaging sub-system for low-dose Hybrid SPECT/CT applications including attenuation correction and localization • Ignite integrated workflow with Xeleris processing and review workstation designed to help enhance departmental productivity.
2	1	<p>NM 600 LEHR Collimators with Cart</p> <p>NM 600 Low Energy High Resolution Collimators</p> <p>Includes:</p> <ul style="list-style-type: none"> o Two LEHR Collimators o Collimators Mounted on a Dedicated Collimator Cart
3	1	NM 600 MEGP Collimators with Cart

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		NM 600 Medium Energy General Purpose Collimators Includes: o Two MEGP Collimators o Collimators Mounted on a Dedicated Collimator Cart
4	1	An L-shaped metal plate attachable to the wall with an opening for a syringe in order to acquire point source-based flood acquisition at a few meters distance from vertically positioned detector for QA purposes.
5	1	Quality Control Flood Source Holder Kit A large plate mounted at a small distance above the NM detector on which the flood source is positioned in order to perform acquisition of flood studies for QA/QC purposes.
6	1	Center of rotation source holder for Quality assurance , easily attached to Infinia or Ventri table.
7	1	Bar phantom for spatial resolution and linearity tests of gamma cameras. The phantom consists of four quadrants with different bar specification: For each of the quadrant, bar spacing is 2.5mm, 3.2mm, 3.5mm & 4.0mm.
8	1	A set of cables and components required for use with E4502JJ Eaton 6 kVa UPS - for DLX and DX Digital X-Ray system consoles and Nuclear products that provide partial emergency backup power supply for completion of NM scans and gantry motion.
9	1	Long table pad and straps
10	1	AXIAL HEAD HOLDER The Axial Head holder is ergonomically designed to position patient's head outside of the patient tabletop pallet , enabling brain SPECT orbiting as close as possible to the patient's skull with maximal coverage of the target tissue

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11	1	<p>NM 600 Series Patient Pallet Extender The patient pallet extender for NM 600 Series products can be used to extend the table top for multi-FOV SPECT, SPECT/CT and whole body studies.</p> <p>Length is 600mm; Width is 391mm; 300mm extension</p> <p>Note - The use of the extender requires more space between the camera and the back wall of the scan room. Consult with GE Healthcare project manager for minimum room size requirements.</p>
12	1	<p>NORAV ECG GATING FOR D630</p> <p>A compact ECG gating device for Discovery 630 gated cardiac studies , embedded in the Patient table in order to simplify operation.</p>
13	1	Service cabinet for system accessories storage
14	1	<p>NM600 DETECTORS DISMOUNT</p> <p>An option enabling transportation and mobilization of the NM600 series gantry separated from the detectors for easier load in elevators or easier access through restricted paths such as narrow hallways or doorways</p>
15	1	<p>EfB PLANAR CAMERA LICENSE</p> <p>Enables Camera capability to provide data for Evolution for Planar Bone (EfPB). EfPB provides adaptive Structure Matching non-Local filtering on planar bone scans. The EfPB application may be utilized to provide equivalent image quality on half-dose or half-time bone scans.</p>
16	1	<p>EfC SPECT CAMERA LICENSE</p> <p>Enables Camera capability to provide data for Evolution for Cardiac (EfC). EfC provides Evolution Resolution Recovery reconstruction on SPECT Myocardial Perfusion Imaging (MPI) scans. The EfC application may be utilized to provide equivalent image quality on half-dose or half-time MPI scans.</p>
17	1	EVOLUTION TOOLKIT CAMERA LICENSE

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		<p>Enables Camera capability to provide data for Evolution Toolkit. The Evolution Toolkit provides Evolution Resolution Recovery reconstruction on SPECT scans resulting in improved resolution and contrast. The Evolution Toolkit application may be utilized with included statistical re-sampling tools to determine optimal dose or time reduction on SPECT studies. Evolution Toolkit supports Tl201, Tc99m, I-123, Ga67, In111, & I-131 isotopes.</p>
18	1	<p>The AW Server client on the CT console is a software that allows accessing to all applications hosted on an AW Server, from the CT Console. It offers customers the use of applications on the CT console for improved workflow and productivity.</p>
19	1	<p>GE Healthcare has reclassified its service tools, diagnostics and documentation into various classes (please refer to the Service Licensing Notification statement at the beginning of this Quotation). The Standard License provides access to service tools used to perform basic level service on the Equipment and is included at no charge for the warranty period.</p>
20	1	<p>6 KVA UPS for Nuclear Medicine</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> • The use of uninterruptible power enables the system imaging to be completed after the loss of supply power, and allows for saving of valuable data and orderly system shutdown • The Online Double Conversion UPS eliminates all power anomalies such as noise, transients, overvoltage and undervoltage, which could damage the imaging system's sensitive computer components • Improves imaging system reliability, reduces service costs, and increases system uptime • Cell Saver Technology provides conditioned power even during severe brownout conditions without depleting battery resources • System monitoring via: LanSafe III / FailSafe III software, (2) RS-232 Ports • PowerPass Module further enhances reliability through Maintenance Bypass Switch which performs maintenance or upgrade your UPS without powering down your critical systems

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		<p>SPECIFICATIONS</p> <ul style="list-style-type: none"> • Dimensions (H x W x D): 33.6" x 9.9" x 15.8" • Weight: 218 lbs. • Input Voltage: 200 - 240 VAC • Output Voltage: 120/240, 120/208 VAC • Frequency: 45-65 Hz <p>COMPATIBILITY</p> <ul style="list-style-type: none"> • Maxxus NM <p>NOTES:</p> <ul style="list-style-type: none"> • Customer is responsible for rigging and arranging for installation with a certified electrician • ITEM IS NON-RETURNABLE AND NON-REFUNDABLE
21	1	90A A1 Main Disconnect Panel and UPS Control
22	1	<p>Patient Arm Support for NM, PET/CT, MR</p> <p>Padded Arm Rest combines total arm support and passive restraint, increasing patient comfort during extended procedures. Designed to accommodate virtually all patients. Compatible with most Nuclear Imaging systems and can also be used in MRI, CT and PET applications. Constructed with a comfortable, full support polyfoam with a seamless coated finish. Warranty Code: H</p>
23	1	<p>Patient Leg Rest for Nuclear, PET/CT, MRI</p> <p>Contoured Leg Rest prevents low back stress and pain that occurs during supine imaging and treatment, measures 7 in. H x 17 in. D x 13 in. W. Designed to accommodate virtually all patients. Compatible with most Nuclear Imaging systems and can also be used in MRI, CT and PET applications. Constructed with a comfortable, full support polyfoam with a seamless coated finish. Warranty Code: H</p>
24	1	<p>Xeleris 4 DR Workstation</p> <p>Xeleris* 4 DR SPECT/CT molecular imaging workstation is a Nuclear Medicine, PET, NM/CT, and PET/CT processing, analysis, and review system. Designed to leverage the latest SPECT quantitative applications for routine clinical use, it accelerates workflow and improves diagnostic confidence. The Xeleris 4 DR opens the doors to the new era of digital healthcare delivery through the enablement of Healthcare Cloud potential and advanced applications to help solve some of the most complex clinical</p>

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		<p>presentations.</p> <p>Combining streamlined workflow with a comprehensive clinical library and extensive networking capabilities on a molecular imaging workstation, Xeleris 4 DR is at the nucleus of productivity in the clinical imaging department along with enhanced security features. Utilizing the GE Healthcare-wide graphical user interface, Xeleris 4 DR is the processing and review platform of the Discovery*, Optima* and Brivo* NM and NM/CT series, Infinia* Hawkeye* 4, Ventri, Discovery PET/CT 600 series, and all other molecular imaging cameras in GE Healthcare's current offering.</p> <p>Xeleris 4 DR provides the automated processing and connectivity necessary in today's demanding environment.</p> <p>Xeleris 4 DR SPECT/CT includes Motion detection & correction software, is Evolution*-ready with the capability to process studies acquired with Evolution GE cameras, and Volumetrix IR & 3D for SPECT/CT and fused image review.</p>
25	1	<p>Cedars Sinai Cardiac Packages.</p> <p>A comprehensive set of nuclear cardiology protocols for advanced cardiac analysis, including:</p> <ul style="list-style-type: none"> o Cedars Sinai Quantitative Perfusion SPECT o Automatic 3-Dimensional software approach to quantitative Perfusion SPECT. o Cedars Sinai Quantitative Gated SPECT o An application calculating the ejection fraction of the left ventricle and a 3D surface display is generated. o Cedars Sinai Companion o Optional module for QGS and QPS applications <p>features</p> <ul style="list-style-type: none"> - 17 segment scores and templates in QPS - Diastolic filling parameters in QGS - Eccentricity ratio in QGS
26	1	<p>Cedars Sinai Blood Pool Gated SPECT (BPGS) is an Application for the Quantitative Analysis of Gated Cardiac Blood Pool Data</p>

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		<p>sets. It Automatically Computes Volumes and Ejection Fractions for Both Ventricles and Displays Motion Polar Maps as Well</p> <p>as Static Parametric Surfaces and Gated Endocardial Surfaces. The Protocol Consists of Several Modules Including:</p> <ul style="list-style-type: none"> o The Slice Pages Display Two Vertical Long Axis Images Allowing Side-by-Side Viewing of Both the Left and Right Ventricles. <p>The Information Display Box Contains Information Pertaining to Both Ventricles Including Volume at Current Interval, EDV, and ESV, EF, and Stroke Volume.</p> <ul style="list-style-type: none"> o The Splash Screen Displays Four Rows of Images, with Contours that can be Separately Toggled On and Off for the LV and RV. o Surfaces can be Displayed in Various Ways, Including Wireframed Shaded Surfaces, Grid (Wireframe Overlaid on a Shaded Surface) With or Without Superimposed ED. All Surfaces can be Rotated and Gated in Real Time. o The Splash3D Display Allows Viewing of Three Synchronized Pairs of 3D Views, which can be Gated and Rotated Interactively. o The Results Display Summarizes the Results Using Motion Polar Maps, Parametric Motion Surfaces and Regular Endocardial Surfaces, in Addition to the Image Display to the Left of the Screen. <p>Requirement for H3901PB - Cedars plug-in</p>
27	1	<p>Xeleris 4 Dual LCD Monitor & License for a single Xeleris 4 Workstation. This item contains:</p> <ul style="list-style-type: none"> • One 22" WideScreen format monitor for Xeleris 4 MI workstation. Provides 40% greater viewing area. • One Dual monitor license Dual Monitor license enables the option on Xeleris 4 Workstation and all its XFL clients.
28	1	<p>Xeleris 4 DR English Language Kit</p> <p>Xeleris 4 DR Workstation</p>
29	1	<p>Xeleris* 4 DR SPECT/CT molecular imaging workstation is a Nuclear Medicine, PET, NM/CT, and PET/CT processing, analysis, and review system. Designed to leverage the latest SPECT quantitative applications for routine clinical use, it accelerates workflow and improves diagnostic confidence. The Xeleris 4 DR opens the doors to the new era of digital healthcare delivery through the enablement of Healthcare Cloud potential</p>

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		<p>and advanced applications to help solve some of the most complex clinical presentations.</p> <p>Combining streamlined workflow with a comprehensive clinical library and extensive networking capabilities on a molecular imaging workstation, Xeleris 4 DR is at the nucleus of productivity in the clinical imaging department along with enhanced security features. Utilizing the GE Healthcare-wide graphical user interface, Xeleris 4 DR is the processing and review platform of the Discovery*, Optima* and Brivo* NM and NM/CT series, Infinia* Hawkeye* 4, Ventri, Discovery PET/CT 600 series, and all other molecular imaging cameras in GE Healthcare's current offering.</p> <p>Xeleris 4 DR provides the automated processing and connectivity necessary in today's demanding environment.</p> <p>Xeleris 4 DR SPECT/CT includes Motion detection & correction software, is Evolution*-ready with the capability to process studies acquired with Evolution GE cameras, and Volumetrix IR & 3D for SPECT/CT and fused image review.</p>
30	1	<p>Cedars Sinai Cardiac Packages.</p> <p>A comprehensive set of nuclear cardiology protocols for advanced cardiac analysis, including:</p> <ul style="list-style-type: none"> o Cedars Sinai Quantitative Perfusion SPECT o Automatic 3-Dimensional software approach to quantitative Perfusion SPECT. o Cedars Sinai Quantitative Gated SPECT o An application calculating the ejection fraction of the left ventricle and a 3D surface display is generated. o Cedars Sinai Companion o Optional module for QGS and QPS applications features <ul style="list-style-type: none"> - 17 segment scores and templates in QPS - Diastolic filling parameters in QGS - Eccentricity ratio in QGS
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		<p>Analysis of Gated Cardiac Blood Pool Data sets. It Automatically Computes Volumes and Ejection Fractions for Both Ventricles and Displays Motion Polar Maps as Well as Static Parametric Surfaces and Gated Endocardial Surfaces. The Protocol Consists of Several Modules Including:</p> <ul style="list-style-type: none"> o The Slice Pages Display Two Vertical Long Axis Images Allowing Side-by-Side Viewing of Both the Left and Right Ventricles. <p>The Information Display Box Contains Information Pertaining to Both Ventricles Including Volume at Current Interval, EDV, and ESV, EF, and Stroke Volume.</p> <ul style="list-style-type: none"> o The Splash Screen Displays Four Rows of Images, with Contours that can be Separately Toggled On and Off for the LV and RV. o Surfaces can be Displayed in Various Ways, Including Wireframed Shaded Surfaces, Grid (Wireframe Overlaid on a Shaded Surface) With or Without Superimposed ED. All Surfaces can be Rotated and Gated in Real Time. o The Splash3D Display Allows Viewing of Three Synchronized Pairs of 3D Views, which can be Gated and Rotated Interactively. o The Results Display Summarizes the Results Using Motion Polar Maps, Parametric Motion Surfaces and Regular Endocardial Surfaces, in Addition to the Image Display to the Left of the Screen. <p>Requirement for H3901PB - Cedars plug-in</p>
32	1	Xeleris 4 DR English Language Kit
	1	TiP NM Applications
33	1	<p>8 Days Onsite Plus 10 Hours TVA Training for GE Camera System and Workstation</p> <p>Eight days onsite training delivered over 3 visits, plus 10 hours TVA training for GE Camera System and Workstation</p> <p>Onsite training is delivered Monday through Friday between 8AM and 5PM. T&L expenses are included. This training program must be scheduled and completed within 36 months after the date of product delivery.</p>
	1	NonProducts
34	1	Rigging in the new unit at

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Trade Philips ADAC Vertex
Trade Philips ADAC Genesys