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VA MEDICAL CENTER
1030 Jefferson Avenue
Memphis, TN 38104-2193

Item No.	Qty	Description
	1	Discovery MI - Digital Ready
1	1	<p>Discovery MI - Digital Ready</p> <p>Discovery MI DR with Digital Ready LightBurst LBS is a PET/CT system conceptualized with lofty goals, equal only to your own. It was created to help you diagnose and stage disease earlier and better guide your treatment strategies. It was also designed with the hope you can conduct more compelling research more often with more novel, faster decaying tracers; permitting you to push the boundaries of PET.</p> <p>We understand these are the types of outcomes you want to achieve. Discovery MI DR was engineered to help you get there. By delivering what you need for meaningful insights, we look forward to your next true discovery – something we all need.</p> <p>Discovery MI DR is the only PET/CT system that brings together the sensitivity of detection with the most innovative reconstruction technology available. Its Digital Ready LightBurst LBS PET detector is an important step of our vision to digital future for PET. It combines lutetium- based scintillator crystal array with proven and reliable fast Photomultiplier Tube (PMT) with integrated electronics allowing accurate and high performance Time-of-Flight acquisition.</p> <p>The system has been designed with continuum in mind and the hardware</p>

Item No.	Qty	Description
		<p>platform is capable to host new PET detector technology. This is why call it Discovery MI DR!</p> <p>In addition to advancements in reconstruction and detection technology, Discovery MI DR includes diagnostic CT innovations from our Revolution* EVO. It combines the Clarity Imaging System with the speed of the Performix 40 Plus tube with our proprietary HiLight CT detector to deliver up to a 2x increase in spatial resolution when used with ASiR-V†(1). Our innovative ASiR-V‡ iterative reconstruction method comes standard to reduce CT dose by up to 82 percent at the same image quality in routine imaging across applications(1,2). And with Smart MAR‡ virtually eliminating streaks and shadows from metal artifacts, you'll save valuable time previously spent correcting images. Designed with a purpose, with you in mind, this CT technology is the ideal fit for Discovery MI DR.</p> <p>Many of the subsystems have been reimagined to bring advances in quantitative PET imaging, single PET/CT organ imaging, managing patient breathing and cardiac movement, PET and CT iterative reconstruction technologies, and workflow efficiency, while providing high PET sensitivity.</p> <p>-----</p> <p>The Discovery MI DR (S3200A) consists of an integrated gantry containing:</p>

Item Qty No.	Description
	<p>o an 32channels/32slices Revolution Evo CT designed around a 40mm coverage detector scalable and field upgradeable from 32 to 64 channels and 32 to 128 slices</p> <p>o new Digital Ready LightBurst LBS PET detector composed of 4 ring (15.6cm axial field of view) Lutetium Based Scintillator crystal array (LBS) with 1,024 Photomultiplier Tube (PMT) with integrated electronics allowing accurate and high performance Time of Flight acquisition.</p> <p>o a new server based, powerful and prospective PET iterative reconstruction platform for all Discovery MI: Q.CorePower.</p> <p>o a Discovery MI DR operator console featuring in standard:</p> <ul style="list-style-type: none"> - the new Q.Flow advanced workflow solutions - RadRx patient study prescription - Q.Check a PET data Quantitative integrity check - Enhanced Graphic Rx enabling direct scan parameters edits on directly on the patient scout view. <p>o a patient imaging table with one head holder, patient security straps and comfort accessories.</p> <p>Quantitative Imaging</p> <p>o Q.Temp – Individual temperature sensor and gain adjustment technique</p> <p>o Q.Check – User configurable data integrity check that can help ensure parameters important for</p>

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	<p>quantitative imaging are saved in the patient DICOM data prior to being sent to the network for analysis and/or archiving.</p> <p>Prospective Reconstruction</p> <ul style="list-style-type: none"> o VUE Point HD utilizes a fully 3D iterative reconstruction technique with all corrections within the loop, enhanced resolution with detector geometry modeling, model-based 3D scatter correction inside and scatter estimation outside the field of view, exclusive randoms corrections based on singles and dead-time correction with pile-up estimates providing high image quality and patient throughput. o VUE Point FX, time-of-flight image reconstruction, leverages the innovative VUE Point HD iterative process by adding timing information to each step within the iterative loop and improving signal-to-noise ratio o WideView - PET reconstructed transaxial Field of View coverage of 70cm diameter with CT based PET attenuation correction and CT wide-FOV Display. <p>Motion Management</p> <p>Motion Management tools enable the reduction of motion artifacts caused by patient breathing and cardiac movement by acquiring motion information during the scan and incorporating it into motion related PET/CT applications.</p> <ul style="list-style-type: none"> o RAD Rx Variable CT protocols within same exam including Average Cine CT for improved attenuation

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	<p>correction</p> <p>Calibration and Daily Quality Control</p> <p>Daily Quality Assurance at the start of the scanning day is quick and efficient. A simple protocol launches the DQA procedure, which takes less than 10 minutes(3) and provides you with a daily report.</p> <p>CT Key Features</p> <p>The Discovery MI DR platform can be operated as a standalone CT scanner (without gantry tilt). It offers exceptional power, remarkable speed, high-resolution/low-dose imaging, and full diagnostic capabilities.</p> <ul style="list-style-type: none"> o Clarity Imaging Chain Chain consists of Clarity Detector, DAS, Performix*40 Plus X-ray Tube to deliver high resolution imaging. o Silent design of Revolution EVO gantry allows significant reduction of audible noise compared with previous GE technology. o ASiR*(4) – Adaptive Statistical Iterative Reconstruction dose reduction technology Reconstruction. The ASiR algorithm may allow for reduced mA in the acquisition of diagnostic images, thereby reducing the dose required. o IQ Enhance (IQE) reconstruction reduces helical Artifact Index in thin slice helical scanning. o Axial or helical scans of the same anatomy at two different X-ray energies (kVps). To further improve registration accuracy, patient

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	<p>immobilization may be utilized.</p> <ul style="list-style-type: none"> o Adaptive Enhance Level Adjustment (AELA) may improve visual spatial resolution while maintaining pixel noise standard deviation and artifact. o Organ Dose Modulation provides reduction of radiation dose via X-ray tube current modulation for superficial tissues, such as breasts. o AutomA/SmartmA* modulates X-ray tube mA to account for specific patient anatomy based upon data gathered from the scout image. o Dynamic Z-axis tracking provides automatic and continuous correction of the x-ray beam shape to block unused x-ray at the beginning and end of a helical scan to reduce unnecessary radiation. o One stop scanning mode that provides a streamlined workflow o Direct MPR with Auto-Batch feature, affording automatic real-time direct reconstruction and transfer of fully corrected multi-planar images, also allows users to move from routine 2D review to prospective 3D image review of axial, sagittal, coronal, and oblique planes while enabling automated protocol-driven batch reformats to be created and networked to their desired reading location. o Dose Check provides users with tools to help them manage CT dose in clinical practice and is based on the standard XR-25-2010 published by The Association of Electrical and

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	<p>Medical Imaging Equipment Manufacturers (NEMA).</p> <p>o Dose Reporting: CTDIvol, DLP, Dose Efficiency displays during scan prescription and provides dose information. The CTDIvol, DLP, and Phantom size used to calculate dose is automatically saved once the user selects End Exam. DICOM Structured Dose Report generates a CT Dose Report, which can enable tracking of dose (CTDIvol and DLP) for the patient by the hospital radiation tracking system/RIS/HIS.</p> <p>o Scan mode: Helical Scan Speeds: Full 360 rotational scans: 0.35±, 0.375±, 0.40±, 0.425±, 0.45±, 0.475±, 0.5±, 0.6±, 0.7, 0.8, 0.9, 1.0 second Helical Pitch (nominal): 0.516 to 1.531 Cardiac Pitch: 0.16 to 0.325 Selectable kV: 80, 100, 120, 140 Selectable mA: 10 to 560, 5mA increments Reconstruction Algorithms: Soft Tissue, Standard, Detail, Chest, Bone, Bone Plus, Lung, Ultra, Edge, Edge Plus</p> <p>o Scan Mode: Axial & Cine Scan Speeds: 0.35±, 0.4±, 0.5±, 0.6±, 0.7, 0.8, 0.9, 1.0, and 2.0 second full scans(360 acquisition).</p> <p>o Selectable kV: 80, 100, 120, 140 Selectable mA: 10 to 560, 5mA increments Scan Plane</p> <p>o Reconstruction Algorithms: Soft Tissue, Standard, Detail, Chest, Bone, Bone Plus, Lung, Ultra, Edge, Edge Plus Image Quality 0.28mm high resolution</p>

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	<p>PET/CT Operators Console</p> <ul style="list-style-type: none"> o Fully integrated PET and CT user interface o Direct Multi Planar Reformat delivers automated axial, sagittal, and coronal reconstruction with excellent image quality for PET and CT images of the patient data being acquired. Direct3D™ automatically builds 3D models during axial image reconstruction. o Volume Viewer: Environment for 3D processing of any CT, MR, 3D X-ray, and Pet/CT dataset. It provides exceptional tools for analysis, segmentation, measurements, annotation, filming, and exporting of clinically relevant images. Volume Viewer seamlessly combines anatomical image review with PET quantitative measurement capabilities such as SUV. o Two 19 -inch diagonal width high-resolution color monitors for image display, analysis, processing, and management of PET, CT, and PET/CT images. o Three button mouse with mouse pad o ImageWorks™ provides instant access to advanced image processing features such as CT Perfusion 4, Advanced Vessel Analysis, CardIQ Xpress Pro or Plus, AutoBone and DentaScan <p>PET/CT Service Features</p> <p>Each system is supported by GE's InSite™ remote diagnostics, iLinq™, and TiP Virtual Assist.</p>

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	<p>InSite broadband – all hardware and software required to remotely connect this PET/CT system to GE’s InSite On-Line Center via secure VPN high-speed Internet connections. Enables access to services designed to reduce downtime, improve quality, enhance performance, increase productivity, and expand imaging capabilities.</p> <p>* Trademark of General Electric Company.</p> <p>‡ Optional</p> <p>(1) In clinical practice, the use of ASiR-V may reduce CT patient dose depending on the clinical task, patient size, anatomical location, and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. Low Contrast Detectability (LCD), Image Noise, Spatial Resolution and Artifact were assessed using reference factory protocols comparing ASiR-V and FBP. The LCD measured in 0.625 mm slices and tested for both head and body modes using the MITA CT IQ Phantom (CCT183, The Phantom Laboratory), using model observer method.</p> <p>(2) Image quality as defined by low contrast detectability.</p> <p>(3) Represents typical system performance</p> <p>(4) In clinical practice, the use of ASiR may reduce CT patient dose</p>

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		<p>depending on the clinical task, patient size, anatomical location and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task.</p>
2	1	<p>32CH-32SL OPTION</p> <p>32CH-32SL OPTION</p>
3	1	<p>0.5 sec VariSpeed Scanning option</p> <p>VariSpeed Scanning Option</p> <p>Enables 0.5, 0.6, 0.7, 0.8, 0.9, 1.0 second rotation acquisitions</p>
4	1	<p>SharpIR option</p> <p>Advanced system modeling in PET reconstruction that enhances visual contrast and resolution in both whole-body and brain images by incorporating information about the PET detector's point-spread-function response into the 3D iterative reconstruction.</p>
5	1	<p>Q.Clear option</p> <p>Q.Clear is a full convergence iterative reconstruction technology designed to provide up to 2 times improvement in PET quantitation</p>

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		<p>accuracy (SUVmean) with up to 2 times improvement in image quality (SNR) enabling accurate small lesion detection, fast and efficient reading and more confident diagnosis.</p> <p>Q.Clear upgrade for Discovery MI - DR products</p> <p>Pre-requisites:</p> <ul style="list-style-type: none"> o P5051SK SharpIR <p>Q.Clear upgrade for Discovery 710 products</p> <p>Pre-requisites:</p> <ul style="list-style-type: none"> o P5051SK SharpIR o P5051NL Q.Core + 1 o P5051NN Q.Core + 2 <p>Q.Clear Upgrade for Discovery 610 products</p> <p>Pre-requisites:</p> <ul style="list-style-type: none"> o P5051SK SharpIR o P5051NL Q.Core + 1
6	1	<p>Q.AC option</p> <p>Q.AC</p> <p>Available on Discovery IQ, Discovery PETCT 710, and Discovery PETCT 610</p> <p>Part of Q.Suite - a suite of innovative new quantitative imaging tools from GE</p> <p>Healthcare designed to help clinicians generate more consistent PET</p>

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		<p>measurements, and therefore assess treatment response more accurately than ever before.</p> <p>Q.AC - Accurate attenuation correction is required for quantitative PET imaging. But in large anatomy imaging at low doses, the CT beam may not be strong enough to fully penetrate through the patient to the detector, potentially resulting in variations in attenuation measurements. Our next generation Q.AC algorithm is designed to reduce potential variance, helping to ensure that the attenuation coefficients used in image reconstruction are accurate. This may improve consistency even in the most clinically demanding circumstances.</p>
7	1	<p>SmartMAR (Metal Artifact Reduction) for Discovery MI DR</p> <p>Metal Artifact reduction (MAR) helps reduce photon starvation, beam hardening and streak artifacts caused by high Z materials in the body, such as hip implants. The clarity of MAR images is addressing the challenges posed by metal</p>

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		<p>artifacts, helping clinicians accurately contour targets and critical organs. MAR offers:</p> <ul style="list-style-type: none"> • Exceptional image quality. MAR is based on the latest in GE Healthcare smart technology, which uses a novel three-step, sinogram-based iterative algorithm. • Streamlined workflow. MAR requires only one scan, making the process of obtaining a corrected image fast and efficient. • Dose conscious. MAR requires only one acquisition. • Patient comfort. The efficient, single-scan process helps to reduce patient time inside the scanner. • Versatility. MAR is designed to enhance clarity across a range of images including scans of hip implants, dental fillings, screws and other metal objects.
8	1	<p>PET Gating option</p> <p>PET Gating acquisition option for Discovery products. Enables PET respiratory gating scan functionality.</p>
9	1	<p>Q.Static option</p> <p>Available on Discovery MI - DR, Discovery PETCT 710 and Discovery PETCT 610</p> <p>Part of Q.Suite - a suite of innovative new quantitative imaging tools from GE Healthcare designed to help</p>

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		<p>clinicians generate more consistent PET measurements, and therefore assess treatment response more accurately than ever before.</p> <p>Q.Static Represents a starting point for adding motion correction techniques to your facility and the opportunity to build towards a full 4D phase-matched workflow. Without disrupting your standard static whole-body workflow, were designing Q.Static to automatically isolate data when organs are in a low motion state, thereby correcting for motion across the entire chest or torso. The result is a single image series with reduced blurring from organ motion, and therefore more consistent quantitation compared to a static image.</p>
10	1	<p>Motion Match option</p> <p>Motion Match</p> <p>Acquires and views fused gated PET and CT images on the console These</p>

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		<p>tools find applications in: PET and CT respiratory and cardiac capability for motion analysis. PET and CT dynamic imaging for compartmental PET data model analysis and retrospective CT gating.</p> <p>PET attenuation correction from CT diagnostic data, including dynamic and gated CT techniques for motion management.</p>
11	1	<p>Q.Freeze option</p> <p>Part of the new Q.Suite, Q.Freeze combines the quantitative benefits of 4D phase-matched PET/CT imaging into a single static image that uses 100 of the counts collected in the acquisition.</p> <p>Combine with Q.AC to create 4D cine data for attenuation correction of PET images at low dose levels.</p>
12	1	<p>PET/CT Long Length Cables</p> <p>Long length cable set for Discovery PET/CT 16sl products</p>
13	1	<p>2M Scan Range option</p> <p>2 meter scan option</p> <p>The system can perform a full 2 meter acquisition of both CT and PET data, through the use of a cradle extender and specific acquisition protocols.</p>

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14	1	<p>SmartStep with Monitor</p> <p>SmartStep for CT Scanner Systems (Includes In -Room Monitor & Boom)</p> <p>SmartStep Enables an Imaging Mode for Performing Biopsies and Other Interventional Procedures.</p> <p>An In-room Monitor, Hand Held Controller, X-ray Exposure Foot Pedal and Cradle Handle Provide In-room Control for Image Acquisition and Image Review. The Hand Held Controller Provides the Operator with Controls to Prepare the Scanner for Imaging, to Turn Alignment Lights On and Off, to Move the Cradle, Review Images and Adjust the Window Width and Level; and the Foot Switch Provides In-room Control of X-ray On.</p> <p>A Highly Functional Image Display Presents a Set of 3 Interventional Images in 3 Viewports, a Free Viewport, and Timers for the Remaining and Accumulated Time. The Display Control</p>

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		<p>Panel Provides Roam, Zoom, Magnify, Measurement, Annotation, Grid, Image Orientation, and Save</p> <p>Screen Image Review Capabilities. Data Acquisition Includes a 4i Data Acquisition Mode Using 4x1.25 mm, 4x2.25 mm, and 4x3.75 mm</p> <p>Detector Configurations and a 3i Reconstruction Mode to Create 2.5, 3.75 and 7.5 mm Thick 512 Matrix Images. All Scan Fields of View and Reconstruction Algorithms are Available with 0.8s and 1.0s Gantry Rotation Speed.</p> <p>System Includes the In-room Monitor & Boom</p> <p>.</p>
15	1	<p>Varian RGSC - Respiratory Gating for Scanners, configured for couch mounting with Installation - US only</p> <p>Varian RGSC - Respiratory Gating for Scanners, configured for couch mounting with Installation - US only</p>
16	1	<p>RGSC Camera Mount for PET Global Table</p> <p>RGSC Camera Mount for PET Global Table</p>
17	1	PET Annulus Phantom – DQA (Daily Quality Assurance); for Signa PET/MR,

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18 1	<p>Discovery IQ series , Discovery MI, MI-DR</p> <p>PET Annulus Phantom – DQA (Daily Quality Assurance); for Signa PET/MR, Discovery IQ series , Discovery MI, MI-DR</p> <p>The PET Annulus DQA (Daily Qualified Assurance) imaging phantom for the Discovery IQ PET system or SIGNA PET/MR system is a uniform solid suspension of Ge-68 encased and sealed in an annular, black plastic shell.</p> <ul style="list-style-type: none"> • Recommended for accurate calibration of your PET detector and easier quality control • Designed to be held in place during use by standard source holders provided with scanning equipment • No mechanical maintenance is required <p>When a new phantom or pin source is purchased, the e-cat will include a Used Source Return Kit, intended for the immediate return of the depleted source(s) replaced. Note the following condition:</p> <ul style="list-style-type: none"> • Cost to the customer is the return freight • Return kit has an RA# that is good for 6 months, before expiration. • Returns after 6 months subject to additional charges <p>PET/CT VQC Volumetric Quality Control Phantom for Discovery, IQ 3-ring (15 cm), IQ 4-ring (20 cm) , IQ</p>

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		<p>5-ring (25 cm), Discovery 710, 610, 690, 600, Discovery MI/MI-DR, Optima 560</p> <p>VQC Phantom</p> <p>PET/CT VQC Volumetric Quality Control Phantom for Discovery, IQ 3-ring (15 cm), IQ 4-ring (20 cm), IQ 5-ring (25 cm), Discovery 710, 610, 690, 600, Discovery MI/MI-DR, Optima 560</p> <p>When a new phantom or pin source is purchased, the e-cat will include a Used Source Return Kit, intended for the immediate return of the depleted source(s) replaced. Note the following condition:</p> <ul style="list-style-type: none"> • Cost to the customer is the return freight • Return kit has an RA# that is good for 6 months, before expiration. • Returns after 6 months subject to additional charges
19	1	<p>PET Annulus Phantom Shield Container - DQA Safe</p> <p>Wheels feature swivel castors for easy mobility and wheel locks for added stability.</p> <p>Lid features a handle for easier opening.</p> <p>Spring loaded covered hinge assists when lifting the lid.</p> <p>Container latch seals the phantom inside to ensure radiation gaps are eliminated.</p> <p>Latch includes option to use a padlock to secure the phantom in the container.</p>

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20 1	<p>Gusset holes allow the facility to secure the shield to the site with a chain or cable.</p> <p>The container's interior walls feature a soft plastic for easier insertion and removal of the phantom.</p> <p>Weight - approximately 300 lb / 136 kg.</p> <p>CT Main Disconnect and UPS Control 380-480V 50 60Hz 110A</p> <p>Main Disconnect Panel (MDP) UL 110A 400/480V 50/60Hz 3 phases for CT, PET and PETCT</p> <p>The (Main Disconnect and UPS Control Panel serves as the main facility power disconnect source installed ahead of the CT system PDU. On systems where the optional partial system UPS is included in the system, the panel provides NEC mandated UPS emergency power-off control function via a UPS control cable included with the UPS. The optimized design PDB saves time, installation labor, and valuable mounting space by consolidating the main circuit breaker, control power source and required warning lights into a compact factory manufactured panel. The panel provides short circuit protection, overload protection and National Electrical Code and Canadian Electrical Code required emergency shutdown for the system. The 24-volt low voltage controls all power, using either the panel cover mounted EMERGENCY OFF push button or the</p>

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	<p>remote EMERGENCY OFF push button included with each system. The PDB is painted to match the imaging system for a total coordinated system appearance. Available in a combination surface\semi-flush mounted enclosure. The system provides stock availability of otherwise special-order devices, saving time and installation costs.</p> <p>Benefits</p> <ul style="list-style-type: none"> • The System Main Disconnect saves time, installation labor, and valuable mounting space by consolidating the main circuit breaker, the feeder overcurrent devices, magnetic contactors and UPS emergency power-off into one compact panel • The system provides stock availability of otherwise special-order devices, saving time and installation costs • Reduces installation time and cost by eliminating delays in obtaining individually enclosed components and by eliminating on site assembly • UPS emergency power-off functions are included for future, partial system UPS addition. • Disconnects system power on first loss of incoming power, preventing damage to system components • Provides a standardized platform for UPS or other future GE engineered modifications or upgrades • Main power disconnect operating handle can be padlocked in the OFF position for servicing safety and

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	<p>OSHA lock out/tag out</p> <ul style="list-style-type: none"> • The door has provisions for padlocking • Enclosure door is interlocked with ON / OFF disconnect handle to prevent unauthorized access if disconnect is in the ON position <p>Features</p> <ul style="list-style-type: none"> • Optional partial system UPS provides clean uninterrupted power to the system computer, maintaining system integrity during power loss while also providing a solution to power quality problems • UL, cUL listed, and CE labeled • Supplied with low voltage, cover mounted Push to Stop, Twist to Restore pushbutton and long-life LED pilot lights • Provides overcurrent and short circuit protection with GE GuardEON solid-state circuit breakers • Suitable for use on systems with 25,000A of short circuit current. It is the installer's responsibility to verify that the available short circuit current is 25,000A or less for compliance to all electrical codes • Emergency-off disconnects power to both the PDU and optional partial system UPS output, per National Electric Code • Factory wired and tested • All devices are selected for high reliability and long life • Panel disconnect provides OSHA lockout / tag out provisions

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		<p>Remote EPO</p> <ul style="list-style-type: none"> • This MDP comes with two normally closed contact blocks attached to the back of the emergency off push button. <p>Seismic Specifications</p> <ul style="list-style-type: none"> • This Panel has been certified by an independent California structural engineer in conformance with the shake testing requirements of ICC-AC 156. The California OSHPD number is OSP-0457-10. • The seismic performance characteristics are as follows: SDS(g) # 2.56; z/h # 1.0 ; Ip # 1.5 <p>Physical Characteristics</p> <ul style="list-style-type: none"> • Dimensions: Height x Width x Depth: 24 x 16 x 7 inches (610 x 407 x 178 mm) • Handle depth: 2.75 inches (70 mm) • Weight: 46 pounds (21 kg) <p>Components supplied with each panel</p> <ul style="list-style-type: none"> • The Main Disconnect and UPS Control Panel • An Installation, Operations & Service Manual • (2) sets of Emergency Power Off pushbuttons with 2NC on each EPO • Drawings and Electrical Schematics
21	1	<p>14 KVA 3-Phase Partial UPS for VCT</p> <p>The 14KVA Partial UPS has been specifically designed to coordinate with GE Healthcare CT & PET/CT scanners. In the event of a</p>

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	<p>power outage</p> <p>a partial system UPS provides continuous backup power to the scanner host and control computers, thus assuring no loss of usable scan data.</p> <ul style="list-style-type: none"> o Critical circuits in the gantry and table remain powered which facilitate the safe removal of the patient from the scanner. o If power is restored within the battery hold-up time, the operator can continue scanner operations without the need to reboot the system. o When longer power outages are anticipated, the UPS provides time for the operator to safely remove the patient and complete an orderly shutdown of the system software o Maintains system electronics and allows critical scanner operations to continue for 10 minutes (typical) after loss of power o Protects electronics from under

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	<p>voltage, brownouts, line sags, over voltage and transients</p> <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> o Dimensions (H x W x D): 49" x 12" x 32" o Weight: 620 lbs. o Output Frequency: 50 or 60 Hz, auto-sensing <p>NOTE: ITEM IS NON-RETURNABLE AND NON-REFUNDABLE NOTE: REMOVAL/DISPOSAL OF OLD UPS IS THE CUSTOMER'S RESPONSIBILITY NOTE: INSTALLATION AND RIGGING IS NOT INCLUDED NOTE: CONTACT GE SERVICE OR EATON FOR START-UP ASSISTANCE</p>
22 1	<p>2 TB USB EXT HARD DRIVE</p> <p>2 TB USB External Hard Drive</p> <p>Provides a user-accessible means of transferring list data to alternative storage, to permit keeping the data while freeing scanner resources for additional patients.</p> <p>The USB external hard drive will provide storage of 2 terabyte and interface with GE Healthcare Global Operator Consoles via USB 3.0 interface that provides up to 10 times faster data transfer rates compared to USB 2.0 interfaces.</p> <p>USB 3.0 is backward compatible with USB 2.0</p>

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23	1	<p>Discovery PET/CT Core Training Package (Experienced GE PET/CT Users)</p> <p>Discovery PET/CT Training Package (Experienced GE PET/CT Users)</p> <p>Training designed for users with experience on GE PET/CT. Training package incorporates a variety of instructional methods for optimal learning and retention from basic to advanced system operation. Offers multiple delivery modes including online, live remote, and onsite training. Package includes up to 14 days onsite, and 16 hours of remote training. Program concludes one year after the initial start date. Instruction is provided from 8 AM to 5 PM, Monday through Friday and includes T&L expenses.</p>
24	1	<p>Standard sce pack L3 W</p> <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>
	1	Technical Service Training
25	1	<p>CT Proficient Service Training</p> <p>CT Proficient Service Training</p> <p>CT Proficient technical training is a</p>

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			<p>9.5 day course and provides the knowledge and skills necessary to perform service tasks on GE CT systems. It is an integrated training program including instructor-led, hands on labs, and online training. The training provides an understanding of CT systems including safety, principles of CT, how to perform PMs, as well as some corrective maintenance and troubleshooting. Hands on lab activities provide the student the opportunity to practice, apply, and demonstrate their knowledge and service skills across GE CT platforms. Please visit</p> <p>or contact us at: edservices@ge.com</p>
26	1		<p>CT REVEVO DIFF SVCTRNG</p> <p>CT REVEVO DIFF SVCTRNG</p>
27	1	M	<p>Troubleshooting Basics Service (web</p> <p>Troubleshooting Basics Service (Web</p> <p>This Course is Intended for Individuals Involved in Servicing Medical Equipment. By Taking This Course, You will Learn a Proven Process for Troubleshooting Problems with Medical Equipment. You will Also Learn How to Use Various Tools in a Troubleshooting Situation and How to Interpret Error Messages. This Course Does Not Address How to Troubleshoot Specific Products. It is Recommended That you Have Fundamental Training in a Modality</p>

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		Prior to Taking This Course. This course must be taken within 2 years from the purchase date.
28	1	<p>NETWORKING & DICOM BASIC</p> <p>Networking and Dicom Basic for DI Service (Web)</p> <p>Training will prepare engineers on configuring and troubleshooting networks, which use the DICOM protocol for transferring patient data and how to read and use DICOM Conformance Statements.</p> <p>This course covers the following:</p> <ul style="list-style-type: none"> • Introduction to 7 layer OSI and 5 layer TCP/IP protocols (Basic model only) • Identify hardware used in networking • Review of the most used networking devices, cables, NIC, switch and routers • Simple network connection with 2 to 5 devices • Dicom definitions, theory and configuration <p>This course must be taken within 2 years from the purchase date.</p>
29	1	<p>PET Discovery MI Advanced Service Training</p> <p>PET Discovery MI Advanced Service Training</p> <p>This course provides the knowledge and skills necessary to perform service tasks on the GE PET/CT</p>

Item No.	Qty	Description
30	1	<p>Discovery MI system. Knowledge and service skills are practiced and applied during the lab activities and classroom interactions. Student will have completed PET Discovery 600 Series course or PET Proficient Service Training course prior to attending this course. Please visit our webpage to register:</p> <p>or contact us at: edservices@ge.com</p>
		<p>PET Proficient Service Training</p> <p>PET Proficient Service Training This course provides the knowledge and skills necessary to perform service tasks on GE PET systems. It is an integrated training program that includes instructor-led training session(s) including hands-on, and Lab activities. Knowledge and service skills are practiced and applied during lab activities. The PET Proficient course will cover the PET/CT 6xx series, PET/CT 710, PET/CT IQ, DST, and DSTE systems. The Proficient class will fully cover the first call service needs. A knowledge-based exam is included in this course. Please visit our webpage to register:</p> <p>or contact us at: edservices@ge.com</p>
31	1	<p>PET FUNDAMENTALS CD</p> <p>PET Basic Physics/Instrumentation (Web)</p> <p>Intended for service engineers who</p>

Item Qty No.	Description
	<p>have little or no familiarity with PET or CT/PET systems. The course teaches general processes, concepts, & equipment used in PET and CT/PET scanning and image reconstruction. This course must be taken within 2 years from the purchase date.</p> <p>Discovery STE VCT</p>

Options

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Item No.	Qty	Description
32	1	<p>64 Channel Detector Upgrade</p> <p>Upgrade your Optima CT660 to be capable of 0.625mm acquisition for the full 40mm of detector coverage. This upgrade has the potential to help you reduce acquisition times and shorten patient breath-holds, and, when coupled with our cardiac acquisition options it enables 5 Beat (TM) cardiac.</p>
33	1	<p>PET VCAR</p> <p>PET VCAR (Volume Computer Assisted Reading) is a PET/CT software package that can be used by the clinician to assist in diagnosis, staging, treatment planning and monitoring treatment response.</p> <p>The application can be used for visualization and analytical monitoring of disease progression or response to treatment or therapy using multi-exam comparison.</p> <p>PET VCAR's workflow is designed to allow clinicians to make informed follow-up decisions in an efficient manner.</p> <p>Manage with Efficiency Interactive Data Analysis (IDA): Interactive tool to visualize and manage multiple lesions, multiple patient exams data over time. IDA is synchronized with the image display layouts offering quick measurement / image visual validation with customizable comments.</p> <p>Compare with Precision Rigid registration of CT data over multiple exams for reliable comparison. Automatically register and compare pre and post examinations.</p> <p>Report with Confidence Automatically segment and track lesion changes over multiple exams for a conclusive report. Advanced and flexible reporting</p>

Item No.	Qty	Description	Ext Sell Price
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tools with export to RTSS and *.csv.
Requires: AW VolumeShare 7 with minimum z800 or
AW Server 3.2 2 day Advanced Applications