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Item No.	Qty	Description
		pproved
1	1	<p>DISCOVERY MI 25CM</p> <p>Discovery* MI 5ring</p> <p>Discovery MI is the next evolution in whole body PET/CT platform, bringing clinically-relevant innovations in an evolutionary platform designed to open doors to new and advanced procedure possibilities in a non-invasive diagnostic imaging. 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 the highest PET sensitivity in the industry.</p> <p>Discovery MI platform introduces new SiPM based PET detector, designed for optimal detection efficiency and clinical versatility. The new SiPM based PET detector sensitivity and NECR properties are optimized to perform with any PET tracer currently available for improved PET/CT imaging thus potentially allowing faster acquisition time and/or lower injected PET dose.</p> <p>The Discovery MI 5ring consists of an integrated gantry containing:</p> <ul style="list-style-type: none">o an Revolution Evo CTo new SiPM based PET detector composed of 5 PET ringso a scalable PET iterative reconstruction systemo a Discovery MI operator console featuring in standard, the following advanced workflow solutions: RadRx patient study prescription; Q.Check a PET data Quantitative integrity check.o a patient imaging table with one head holder, patient security straps and comfort accessories. <p>Quantitative Imaging</p> <ul style="list-style-type: none">o Q.Temp – Individual temperature sensor and gain adjustment techniqueo Q.Check – User configurable data integrity check that can help ensure parameters important for quantitative imaging are saved in the patient DICOM data prior to being sent to the network for analysis and/or archiving.o Q.Prep <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

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		<p>loop and improving signal-to-noise ratio</p> <ul style="list-style-type: none"> o SharpIR, Point Spread Function reconstruction, enhances visual contrast and resolution in both whole-body and brain PET images. SharpIR provides uniform High Definition resolution over a 70 cm PET FOV. 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 correction <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 and provides you with a daily report (2).</p> <p>CT Key Features</p> <p>The Discovery MI 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> <p>The Discovery MI includes the Revolution Evo CT that can perform a wide variety of clinical applications not requiring gantry tilt with Clarity Imaging Chain and ASiR-V(1) capabilities.</p> <ul style="list-style-type: none"> o Clarity Imaging Chain consists of Clarity Detector, DAS, Performix*40 Plus X-ray Tube and ASiR-V reconstruction, 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-V A allows healthcare providers to lower dose by 50 to 82% as compared to standard filtered back-projection (FBP) reconstruction at the same image quality. ASiR-V combines the speed of ASiR with additional capabilities from Veo, GE's full model-based iterative reconstruction technology. By applying more advanced modeling and optimization technologies in projection- and image-space as part of the iterative reconstruction process, ASiR-V provides dose reduction well beyond that of ASiR, while maintaining low-contrast detectability, like Veo. 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 immobilization may be utilized. o Adaptive Enhance Level Adjustment (AELA) may improve visual spatial resolution

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		<p>while maintaining pixel noise standard deviation and artifact.</p> <ul style="list-style-type: none"> 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 Medical Imaging Equipment Manufacturers (NEMA). 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. 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 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). o Selectable kV: 80, 100, 120, 140 Selectable mA: 10 to 560, 5mA increments Scan Plane o Reconstruction Algorithms: Soft Tissue, Standard, Detail, Chest, Bone, Bone Plus, Lung, Ultra, Edge, Edge Plus Image Quality 0.28mm high resolution <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 TM 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

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		<p>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.</p> <ul style="list-style-type: none"> o Freedom Workspace: Innovative hardware and software creates a convenient, ergonomic working environment. It offers sit/stand and horizontal/vertical monitor flexibility. It can also help reduce noise and heat with remote location of the console. 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> <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>(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) Represents typical system performance</p>
2	1	<p>PET/CT Standard Length Cables</p> <p>Standard length cable set for Discovery PETCT 16sl products</p>
3	1	<p>64-SLICE ADDITIONAL CABL</p> <p>Standard length cable set for Discovery PETCT 600, Discovery PETCT 690 Elite and Discovery PETCT 690 VCT</p>

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4	1	PET/CT Long Length Cables Long length cable set for Discovery PET/CT 16sl products
	1	Discovery MI Product Family- IB
5	1	Pricing Non-Disclosure Language This CONFIDENTIAL offer may not be shared with any third parties, buying evaluation groups or anyone not directly employed by customer. This offer is being extended in relation to a national show-site agreement, research partnership, or other non-standard transaction. If required for publishing, GE will happily provide a list price quote.
6	1	Overlap reconstruction software appropriate for 64 and/or 128 upgrades Overlap reconstruction software appropriate for 64 and/or 128 upgrades
7	1	Q.Clear option Q.Clear is a full convergence iterative reconstruction technology designed to provide up to 2 times improvement in PET quantitation 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. Q.Clear upgrade for Discovery MI - DR products Pre-requisites: o P5051SK SharpIR Q.Clear upgrade for Discovery 710 products Pre-requisites: o P5051SK SharpIR o P5051NL Q.Core + 1 o P5051NN Q.Core + 2 Q.Clear Upgrade for Discovery 610 products Pre-requisites: o P5051SK SharpIR o P5051NL Q.Core + 1

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8	1	<p>Smart MAR option</p> <p>MAR (Metal Artifact Reduction) software</p> <p>MAR helps reduce photon starvation, beam hardening and streak artifacts caused by high Z materials in the body, such as hip implants.</p> <p>The clarity of MAR images is addressing the challenges posed by metal artifacts, helping clinicians accurately contour targets and critical organs.</p> <p>MAR offers:</p> <p>Exceptional image quality.</p> <p>MAR is based on the latest in GE Healthcare smart technology, which uses a novel three-step, sinogram-based iterative algorithm.</p> <p>Streamlined workflow.</p> <p>MAR requires only one scan, making the process of obtaining a corrected image fast and efficient.</p> <p>Dose conscious.</p> <p>MAR requires only one acquisition.</p> <p>Patient comfort.</p> <p>The efficient, single-scan process helps to reduce patient time inside the scanner.</p> <p>Versatility.</p> <p>MAR is designed to enhance clarity across a range of images including scans of hip implants, dental fillings, screws and other metal objects.</p>
9		<p>PET Gating option</p> <p>PET Gating acquisition option for Discovery products. Enables PET respiratory gating</p>

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		scan functionality.
10	1	<p>Q.CORE Power to Q.COREPower+ upgrade for Discovery MI DR</p> <p>Q.COREPower+ is the next generation expandable PET reconstruction technology that makes the latest PET/CT workflows clinically relevant by handling massive PET data sets with ease.</p> <p>While Q.COREPower is the perfect solution for conventional TOF reconstruction, Q.COREPower+ will provide a performance upgrade needed for Q.Clear‡ full convergence iterative reconstruction for advanced acquisition protocol such as cardiac dynamic or respiratory gating.</p> <p>Q.COREPower+ upgrade will allow Discovery MI DR ES user to access</p> <ul style="list-style-type: none"> • MotionMatch‡ 4D PET/CT imaging • Q.Freeze‡ imaging <p>Pre-requisit: Q.COREPower ‡ option</p>
11	1	<p>PET CARDIAC PACKAGE</p> <p>The PET Cardiac Package allows the user to acquire a cardiac PET exam. This package contains the following items necessary for PET cardiac study:</p> <ul style="list-style-type: none"> - PET Cardiac Gating capability (P5051LH) - Cardiac PET ACQC (P5051LE) - Cardiac VUE (P5051LV) <p>ECG monitor and AW are not provided with this package.</p> <p>Attenuation Correction Quality Control ensures proper cardiac registration in PET and CT, particularly useful in Cardiac stress rest PET/CT application. Mis-registered PET and CT attenuation correction data due to organ motion may be re-aligned and reconstructed again to try and recover proper PET attenuation correction to help avoid CT AC re-scans.</p>
12	1	<p>Low Dose CT Lung Screening Option with Indication For Use</p> <p>This option provides lung screening reference protocols that are tailored to the CT system, patient size (small, average large), and the most current recommendations from a wide range of professional medical and governmental organizations. Now, qualified GE Healthcare CT scanners with this option are formally indicated for, and can be confidently used by physicians for low dose CT lung cancer screening of identified high-risk patient populations. These protocols deliver low dose, short scan</p>

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		<p>times, and clear and sharp images for the detection of small lung nodules. Early detection from an annual lung screening with low dose CT in high-risk individuals can prevent a substantial number of lung cancer-related deaths.</p> <p>All new GE 64-slice and greater CT scanners, and virtually all of the 16-slice CT scanners that GE Healthcare sells are qualified for this screening option. This solution is also available to thousands of qualified GE CT scanners currently in use, increasing access to the quality scanners that satisfy both patient and physician needs. The new protocols, do include the choice for the user to be able to utilize GE Healthcare's industry-leading technologies such as ASiRTM, ASiR-VTM and VeoTM that are designed to reduce image noise, which is undesirable for physicians looking for small nodules.</p> <p>This option contains two documents. Lung Cancer Screening Option Reference Protocol Guide, and the Lung Cancer Screening Option User Manual / Technical Reference Manual</p> <p>i) The following GE Healthcare CT scanners are qualified to receive the new low dose CT Lung Cancer Screening Option: LightSpeed 16, BrightSpeed Elite, LightSpeed Pro16, Optima CT540, Discovery CT590 RT, Optima CT580, Optima CT580 W, Optima CT590 RT, LightSpeed Xtra, LightSpeed RT16, LightSpeed VCT, LightSpeed VCT XT, LightSpeed VCT XTe, LightSpeed VCT Select, Optima CT660, Revolution EVO, Discovery CT750 HD, Revolution HD, Revolution CT, Revolution Frontier.</p> <p>ii) Moyer V. Screening for Lung Cancer: U.S. Preventive Services Task Force Recommendation Statement. Ann Intern Med. 2014;160:330-338. http://www.uspreventiveservicestaskforce.org/Page/Document/RecommendationStatementFinal/</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>
14	1	<p>PET Rear Gantry Laser Lights</p> <p>Discovery PET/CT 600/690 rear gantry and patient laser landmark option.</p>
15	1	<p>Chair</p> <p>Chair for CT scanner</p>
16	1	<p>CT Service Cabinet</p> <p>Service cabinet for system accessories storage</p>

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17	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>
18	1	<p>Q.SUITE OPTION PKG</p> <p>A suite of innovative PET Quantitative tools from GE Healthcare designed to help 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> <p>Motion Match - Acquires and views fused gated PET and CT images on the console for: 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; and PET attenuation correction from CT diagnostic data, including dynamic and gated CT techniques for motion management.</p> <p>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. Combine with Q.AC to create 4D cine data for attenuation correction of PET images at low dose levels.</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>
19	1	Long length Chiller Cooling Hose Line

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		100ft Long Length Chiller cooling hose line. Recommended for chiller in equipment room siting layouts.
20	1	CHILLER COOLANT KIT, COL CHILLER COOLANT KIT, COL
21	1	DIACOR RTP Flat Tabletop for CT and PET/CT Systems - RT16, DVCT, Disc 600/690, HD750 and VCT DIACOR RTP Flat Tabletop for CT and PET/CT Systems- RT16, DVCT, Discovery PET/CT 600, 610, 690, 710, HD750, and VCT Diacor Radiation Therapy Planning Overlay For GE Healthcare Global Tables, Model 1700, 2000 and PET/CT The Radiation Therapy Planning Overlay, or "CT Overlay", provides a secure flat surface for CT Simulation applications, consistent with the treatment couch, for accurate and reproducible patient positioning. FEATURES/BENEFITS o Carbon fiber construction with foam core provides durable, light-weight device with outstanding imaging properties o Varian Exact Technology and Indexing Immobilization Patient Positioning system along entire length of the overlay o Designed specifically for GE Healthcare's Global Table o Easily locks and unlocks from the CT Table, providing easy transition between therapy and diagnostic procedures INCLUDED: o Carbon Fiber CT Overlay with locking accessories o Two Varian Exact Couch Indexing Bars o One Varian Respiratory Gating Interface Plate and associated mounting hardware SPECIFICATIONS: Weight: 30 lbs. (13.61 kg) Length: 85.25 in. (217.17 cm) Width: 20.87 in. (53.0 cm) Height: 1.62 in. (4.12 cm)
22	1	Varian RGSC - Respiratory Gating for Scanners, configured for couch mounting with Installation - US only Varian RGSC - Respiratory Gating for Scanners, configured for couch mounting with Installation - US only
23	1	RGSC Camera Mount for PET Global Table RGSC Camera Mount for PET Global Table

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24	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 power outage 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 voltage, brownouts, line sags, over voltage and transients <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>
25	1	CT Main Disconnect and UPS Control 380-480V 50 60Hz 150A

Item No.	Qty	Description
		<p>Main Disconnect Panel (MDP) UL 150A 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 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 OSHA lock out/tag out • 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

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		<p>computer, maintaining system integrity during power loss while also providing a solution to power quality problems</p> <ul style="list-style-type: none"> • 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 <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: 30 x 16 x 8 inches (762 x 407 x 203 mm) • Handle depth: 2.75 inches (70 mm) • Weight: 55 pounds (25 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
26	1	<p>Ivy 7800 Cardiac Monitoring Kit</p> <p>The Model 7800 is Ivy Biomedical's fifth</p>

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		<p>generation of cardiac trigger monitors intended primarily for use on patients in applications requiring precision R-wave synchronization. Incorporating a simple, easy-to-use touchscreen interface, the 7800 displays two simultaneous ECG vectors along with the patient's heart rate. The Trigger ECG vector (top waveform) can be selected from Leads I, II, III, or Auto Lead Select. The Second ECG vector (bottom waveform) can be selected from Leads I, II, III. If required, High and Low heart rate alarm limits can be adjusted to bracket the patient's heart rate so that a violation of these limits produces an audible and visual indication of the alarm.</p> <ul style="list-style-type: none"> o Impedance Measurement: Measures Impedance between the patient's skin and each individual ECG electrode o Automatic operation: After patient cables are connected and the monitor is receiving an ECG signal, the monitor finds the peak of the R-wave and generates synchronization pulses o Bright TFT active matrix 8.4 in. color touch screen LCD with a wide viewing angle and large heart rate characters enhance visibility of patient data o Polarity lock helps reduce the number of false triggers when tall T waves or deep S waves occur o Color trigger mark indicates timing of each trigger pulse with respect to the ECG o System interlock function indicates proper connection with the imaging device

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		<ul style="list-style-type: none"> o Integrated USB Drive - allows user to store and retrieve ECG events for retrospective analysis o Auto-notch selects the correct ECG notch filter. This reduces interference on the ECG signal <p>The Kit includes: Cardiac Trigger Monitor; set of 4 RT lead wires - 30 in, low noise patient cable - lead, Ethernet Internet cables, ECG adult electrode (box of 40), cord-set hospital grade (12ft), NuPrep Gel, USB Memory Stick, Recorder Paper, Roll Stand for 7000 series and IPC cable.</p>
27	1	<p>Patient Arm Support System for Nuclear, PET/CT, MRI</p> <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>
28	1	<p>CT Table Slicker with Cushion - 2000 Systems (2-pc Set)</p> <p>CT Table Slicker with Cushion - 2000 Systems (2 Piece Set)</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> • Two-piece, sealed slicker cushion set has comfort pads enclosed inside the slicker cover and extender cover • Durable, clear PVC plastic cover facilitates faster, more thorough cleanup of blood and fluids • Increase system uptime by protecting table from spills and particulate contaminants • Thermo-sealed seams and flaps prevent contaminate buildup in hard to clean areas <p>COMPATIBILITY</p> <ul style="list-style-type: none"> • VCT with GT 2000 Table, CT HD750
29	1	<p>CT Footswitch Slicker - 2000 & 1700 Systems</p> <p>CT Footswitch Slicker - 2000 & 1700 Systems</p>

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		<p>The footswitch slicker for CT VCT 2000 and 1700 systems is made of durable, clear PVC plastic that protects the footswitch and facilitates faster, more thorough cleanup of contamination caused by blood and other body fluids. Cover is held securely in place with Velcro...H</p>
30	1	<p>PET Annulus Phantom Shield Container - DQA Safe</p> <p>Wheels feature swivel castors for easy mobility and wheel locks for added stability. Lid features a handle for easier opening. Spring loaded covered hinge assists when lifting the lid. Container latch seals the phantom inside to ensure radiation gaps are eliminated. Latch includes option to use a padlock to secure the phantom in the container. Gusset holes allow the facility to secure the shield to the site with a chain or cable. 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>
31	1	<p>PET Annulus Phantom – DQA (Daily Quality Assurance); for Signa PET/MR, 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
32	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</p>

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		<p>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>
	1	TiP PET Applications
33	1	<p>Discovery PET/CT Expert Training Package (New GE Users)</p> <p>Discovery PET/CT Training Package (New GE Users)</p> <p>Training designed for users new to GE. 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, onsite, and HQ-based training. Package includes up to 16 days onsite, 1 HQ class, 16 hours of remote training, and 10 consecutive weeks of Virtual Onsite Trainer (VOT) instruction up to 40 hours. 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>
		AW VOLUMESHARE 7
34	2	<p>AW VolumeShare 7 Workstation</p> <p>AW VolumeShare 7 with 32GB of RAM.</p> <p>AW VolumeShare 7 is a multi-modality image review, comparison and post processing workstation built with simplicity and power at its core. Powerful software is optimized to take advantage of state of the art 64 bit technology and multiple cores to ensure leading edge performance.</p> <p>AW VolumeShare 7 features include:</p> <p>Hardware:</p> <ul style="list-style-type: none"> o HP Z440 Workstation o CPU: Intel Xeon E5-1660v3 (Haswell) <ul style="list-style-type: none"> Eight-Core @ 3.0 GHz with 20MB L3 Shared Cache each with Dual QPI @ 8 GT/s o RAM: 32GB (8x4GB) Four-channel DDR4 ECC

Item No.	Qty	Description
		RDIMM @ 2133 MHz o Graphics: NVIDIA Quadro NVS310 with 1 GB Video RAM o 1x 256GB SATA3 SSD for OS and Apps o 2x 512GB SATA3 SSD in RAID 0 for 1TB data storage Software: o GE Healthcare HELiOS 6 operating system o Volume Viewer for advanced post-processing o Demo Exams for training and exploration o Fast access to information you need through optional RIS integration & priors post-fetch o Efficient workflow through dynamic load, end review and Key Image Notes features o Productivity package to pre-process exams and allow up to 8 simultaneous sessions o Applications usage monitor to track and view usage of your system o Smart layouts with Volume Viewer General review protocol that optimizes comparison and single exam layouts o Enhanced multi-modality contouring tool with support for PET SUVs o Support for external DICOM USB media and preference management tool to exchange preferences across users o Support for optional, broad suite of multi-modality advanced applications
35	2	AW VolumeShare 7 Monitors AW VolumeShare 7 Monitors are two high-quality monitors offering bright and high contrast imagery suited to the display of medical images per the AW VolumeShare

Item No.	Qty	Description
36	2	<p data-bbox="524 369 1430 470">Indications for Use. Each provides a 19" 1280x1024 (5:4 aspect ratio) display that complies with international medical and patient safety standards and offers the following specifications:</p> <ul data-bbox="524 485 1299 688" style="list-style-type: none"> • Maximum luminance (panel typical) : 330 nit • DICOM Part 14 calibrated luminance: 215 nit • Contrast ratio (panel typical) : 900:1 • An ambient light sensor • Brightness non-uniformity (measured as per DIN6868-157) : +/-25% <p data-bbox="524 722 683 749">CortexID Suite</p> <p data-bbox="524 772 1446 873">CortexID Suite is an automatic quantitative analysis package for the processing of FDG and beta amyloid PET brain scans. This is an evolution of the original Cortex ID application.</p> <p data-bbox="524 896 764 924">Key Features include:</p> <ul data-bbox="545 951 1487 1625" style="list-style-type: none"> • Automatic processing of: FDG, (F18) Flutemetamol, (F18) Florbetapir, (F18) Florbetaben, (C11) PIB* • Well proven, robust analysis method of 3D stereotactic surface projection (3D SSP), as well as VOI and voxel based quantitation. • Automatic Co-Registration and Fusion with MR and CT • Normal databases for FDG, Flutemetamol and PIB • Longitudinal Comparison providing simultaneous quantitative results of two time points • Ability to load dynamic data • Q.Check to alert you to acquisition parameter changes • Qualitative + Quantitative results in 90 seconds or less on average • Newly designed exam summary to enhance communication back to referring physicians and patients • Flexible, interactive interface for easy customization • Efficient workflow for consistent approach to reads • Interactive, rotating 3D SSP models for review and exporting • Easy export of quantitative results for database tracking <p data-bbox="524 1648 1279 1675">CorexID Suite Requirement: AW 4.6 or later or AW Server 3.1 or later.</p> <p data-bbox="524 1698 1062 1726">*To Include PiB norman database include either:</p> <p data-bbox="524 1749 1438 1776">P50801CR - CortexID Suite PIB P50851CR - Cortex Suite PIB Single Floating License</p> <p data-bbox="524 1787 1461 1814">These are no charge license's but are needed to be able to have Z-score information</p>

Item No.	Qty	Description
		for C11 PIB scans.
37	2	<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 tools with export to RTSS and *.csv.</p> <p>Requires: AW VolumeShare 7 with minimum z800 or AW Server 3.2 2 day Advanced Applications</p>
38	4	<p>2 Day TiP Onsite Training Advantage Workstation--PET</p> <p>2 Days TiP Onsite Training Advantage Workstation--PET</p> <p>One 2 day TiP onsite visit for PET Advantage Workstation training. Includes T&L expenses. Days provided consecutively.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
	1	NonProducts
39	1	Rigging for Philips TOF Scanner

Item No.	Qty	Description
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Trade-in of Philips TOF PET/CT

Options

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Item No.	Qty	Description
40	1	<p data-bbox="495 533 766 558">ASiR to ASiR-V* Upgrade</p> <p data-bbox="495 585 1075 793">ASiR-V is the newest technology in GE's family of industry leading iterative reconstruction techniques. ASiR-V allows healthcare providers to lower dose by up to 82% as compared to standard filtered back-projection (FBP) reconstruction at the same image quality. (1)</p> <p data-bbox="495 804 967 829">ASiR-V may provide the following benefits:</p> <ul data-bbox="495 840 1075 1255" style="list-style-type: none"><li data-bbox="495 840 1075 903">•ASiR-V reduces dose by up to 82% relative to FBP at the same image quality (1)<li data-bbox="495 919 1075 982">•ASiR-V improves low contrast detectability by 59% to 135% at the same dose (2)<li data-bbox="495 999 1075 1062">•ASiR-V reduces image noise up to 91% at the same dose (2)<li data-bbox="495 1079 1075 1142">•ASiR-V improves spatial resolution up to 2X (107%) at same image noise (2)<li data-bbox="495 1159 1075 1255">•ASiR-V image reconstruction has the capability to reduce low signal artifact such as streak artifact compared to FBP <p data-bbox="495 1274 964 1299">* Trademark of General Electric Company.</p> <p data-bbox="495 1310 984 1373">(1) Image quality as defined by low contrast detectability.</p> <p data-bbox="495 1392 1075 1816">(2) 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</p>

Item Qty		Description
No.		
		Phantom (CCT183, The Phantom Laboratory), using model observer method.
41	1	Additional warranty of RGSC - US only
		Additional warranty of RGSC - US only