

Item No. Qty		Description
1	1	<p>Discovery MR750w GEM 3.OT MR System - EL Platform</p> <p>Discovery MR750w GEM 3.OT MR System EL Platform</p> <p>The Discovery MR750w GEM 3.OT MR system from GE Healthcare is designed to deliver a comfortable patient-friendly environment while also delivering uncompromised clinical performance and streamlined workflow.</p> <p>The EL platform package delivers the system electronics, operating software, imaging software, post-processing software and RF coil suite for the Discovery MR750w GEM system:</p> <ul style="list-style-type: none"><li>• Gradient Technology</li><li>• Acoustic Reduction Technology</li><li>• OpTix RF Receive Technology</li><li>• Volume Reconstruction Engine</li><li>• Computing Platform and DICOMM</li><li>• GEM Express Patient Table with IntelliTouch</li><li>• GEM Suite - EL Coil Package</li><li>• Express 2.0 Workflow and In-Room Operator Console</li><li>• ScanTools and EL Tools</li><li>• Silent Suite - Silent Neuro Exam with 3D MRA</li></ul> <p>Gradient Technology: The Discovery MR750w GEM system utilizes the latest in MR gradient technology with the wide eXtreme Resonance Module (XRMw). XRMw gradients deliver 44 mT/m peak amplitude, up to 200 T/m/s instantaneous peak slew-rate on each axis, and deliver unmatched fidelity, accuracy, and reproducibility (please refer to system datasheet for additional information). They are water-cooled and equipped with integrated thermo-electric cooling panels to provide excellent stability and duty-cycle for gradient intensive applications. The XRMw gradients have been designed with excellent linearity across the 50cm FOV. Utilizing a unique acoustic barrier material, acoustic noise levels are reduced for enhanced patient comfort without compromising imaging performance.</p> <ul style="list-style-type: none"><li>• Peak amplitude per axis: 44 mT/m</li><li>• Up to 200 T/m/s instantaneous peak slew rate per axis</li><li>• Peak current: 830 Amps</li><li>• Peak voltage: 1650 Volts</li><li>• Maximum FOV: 50cm</li><li>• Duty Cycle: 100%</li></ul>

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	<ul style="list-style-type: none"> <li>• Please refer to the MR system datasheet for more information.</li> </ul> <p>Acoustic Noise Reduction Technology: The Discovery MR750w GEM system features five levels of acoustic reduction technology to deliver an enhanced patient environment. Magnet interaction with the building is addressed through the vibro-acoustic dampening pad. Resonance module interaction with support structures within the magnet is addressed through design that clearly separates the components. Mass-dampened acoustic barriers further reduce noise for the patient, and ScanTools provide a user selectable gradient waveform optimization.</p> <ul style="list-style-type: none"> <li>• Gradient and RF coil isolation</li> <li>• Acoustic dampening material</li> <li>• Vibro-acoustic isolation</li> <li>• Gradient waveform optimization</li> </ul> <p>OpTix RF Receive Technology: The Discovery MR750w GEM system utilizes the OpTix RF receive chain to enable high bandwidth, high channel count reception with improved SNR over conventional MR receiver designs. The MR signal is digitized within the scan room and then optically transmitted to the reconstruction engine in the electronics room increasing SNR for all volume acquisitions.</p> <ul style="list-style-type: none"> <li>• Coil input ports: 138</li> <li>• Simultaneous channel/receivers: 32</li> <li>• Receiver sampling per channel: 80 MHz</li> <li>• Receiver dynamic range at 1 Hz BW: &gt;165 dB</li> <li>• Receiver resolution: up to 32 bits</li> <li>• Digital quadrature demodulation</li> </ul> <p>RF Transmit Technology: The Discovery MR750w GEM system integrates an innovative RF transmit architecture designed to enhance overall image uniformity, and a multi-faceted SAR optimization system.</p> <p>The RF architecture of the Discovery MR750w GEM consists of a liquid-cooled 30 kW solid-state RF power amplifier with multiple independent output channels. The MultiDrive RF amplifier adjusts/optimizes the phase and amplitude of each RF amplifier output channel that is applied to the 4-port drive whole-body RF transmit coil. The Discovery MR750w GEM system utilizes the PERFORM 2.0 SAR management system to optimize scanning efficiency. PERFORM 2.0 combines RF body coil design, optimized pulse sequences, detailed predictive SAR modeling during prescription, and real-time SAR feedback and correction during scanning to help ensure high performance across all applications, tailored for each patient.</p>

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	<p>Volume Reconstruction Engine: The Discovery MR750w GEM system features a powerful volume reconstruction engine with onboard memory and local raw data storage to support and maintain simultaneous data acquisition and reconstruction under the most demanding applications.</p> <ul style="list-style-type: none"> <li>• 13,000 2D FFTs/second 256x256 full FOV</li> <li>• 72GB ECC DDR3 1333 memory</li> <li>• 4 x 146GB hard disk storage</li> </ul> <p>Computing Platform and DICOM: The Discovery MR750w GEM system computing platform is designed for efficiency and built upon a parallel, multiprocessor design that delivers the simultaneity and speed needed for advanced clinical operation. The scan control keyboard features intercom speaker, microphone, volume controls, start scan, pause scan, stop scan and table advance to iso-center controls.</p> <ul style="list-style-type: none"> <li>• Single tower configuration</li> <li>• 24" flat panel LCD widescreen</li> <li>• 1920 x 1200 resolution</li> <li>• 8GB DDR3 memory</li> <li>• 3 x 146GB SAS disk subsystem</li> <li>• DVD interchange</li> </ul> <p>The Discovery MR750w GEM system generates MR Image, Secondary Capture, Structured Report, and Gray Scale Softcopy Presentation State DICOM objects.</p> <p>GEM Express Patient Table with IntelliTouch: The Discovery MR750w GEM system features the GEM Express table which is a mobile patient transport device with an embedded high-density, GEM Posterior RF Array and touch sensitive IntelliTouch land-marking.</p> <p>The fully detachable GEM Express table is easily docked and undocked by a single operator and simple to move in and out of the exam room for patient transport and preparation. These features can be vital in instances where multiple patient transfers can negatively impact patient care or when emergency extraction is required.</p> <p>The GEM Express table and embedded GEM PA coil are designed to accommodate head-first or feet-first imaging for all supported exams. The table features three high-density coil connection ports: one at each end and one embedded for the GEM PA. Two additional coil connection ports are included in the docking mechanism.</p> <p>The GEM Express table features a set of Patient Comfort pads designed with variable density foam that uniquely compresses based on patient geometry and weight.</p> <ul style="list-style-type: none"> <li>• Maximum patient weight for scanning: 500 lbs</li> <li>• Maximum patient weight mobile: 500 lbs</li> </ul>

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	<ul style="list-style-type: none"> <li>Maximum patient weight for lift: 500 lbs</li> <li>205 cm symmetrical scan range</li> <li>Automated vertical and longitudinal drive</li> <li>Fast longitudinal speed: 30 cm/sec</li> <li>Slow longitudinal speed: 0.5 cm/sec</li> <li>Arm boards and non-ferrous IV pole</li> <li>IntelliTouch and Laser land-marking</li> <li>Variable density patient comfort pads.</li> </ul> <p>The Discovery MR750w GEM system has automated many routine tasks to simplify patient preparation and gain productivity. With IntelliTouch technology, In-Room Operator Console and dual-sided controls the technologist can touch the table sensor and the advance to scan button to complete the following:</p> <ul style="list-style-type: none"> <li>Landmark the patient</li> <li>Activate the surface coil</li> <li>Center the patient in the bore</li> <li>Start scanning</li> <li>Acquire, process and network images</li> </ul> <p>GEM Suite - EL Coil Package: The Geometry Embracing Method - GEM - Suite of coils for the Discovery MR750w GEM system was designed to enhance patient comfort and image quality while simplifying workflow. The GEM design ensures that the geometry of the surface coil matches the geometry of the patient.</p> <p>The EL Coil Package includes:</p> <ul style="list-style-type: none"> <li>GEM Posterior Array</li> <li>GEM Head and Neck Unit</li> <li>GEM Anterior Array</li> <li>GEM Peripheral Vascular Array</li> <li>GEM Premium Flex Suite</li> <li>8-channel Knee Array</li> <li>3-channel Shoulder Array</li> </ul> <p>The GEM Posterior Array is designed to provide optimal element geometry for each targeted anatomy by using different element geometries for the cervical-to-thoracic spine transition, thoracic and lumbar spine, and the body. This approach maximizes the SNR by matching the geometry of the coil elements to the size and shape geometry of the anatomy.</p> <ul style="list-style-type: none"> <li>Elements: 40</li> </ul>

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	<ul style="list-style-type: none"> <li>Length: 100 cm, Width: 40 cm, S/I coverage: 100cm head-first or feet-first</li> <li>Parallel imaging in all three scan planes</li> <li>Head-first or feet-first positioning</li> </ul> <p>The GEM PA is designed to be used in conjunction with the GEM HNU, GEM AA or GEM Small AA (purchased separately), and the GEM PV Array. In addition, the GEM PA is invisible to additional surface coils when they are placed directly on top of the surface. Unique electronic decoupling circuits ensure there is no interference between the coils enabling the GEM PA to remain in place for all exams.</p> <p>The GEM Head and Neck Unit comprises the head base-plate and three anatomically optimized anterior arrays: the anterior Neuro-vascular array, the anterior cervical spine array, the anterior open-face array.</p> <p>The GEM HNU may be positioned at either end of the GEM Express table to support head-first or feet-first imaging and may remain in place for all body, vascular, spine, and the majority of MSK exams. The GEM HNU base plate supports the patient's head and contains three rows of elements separated in both the superior/inferior and right/left dimensions. The Comfort Tilt variable-degree ramp can be positioned under the HNU base plate to elevate the superior end of the coil to match the patient's head and neck position.</p> <ul style="list-style-type: none"> <li>Elements: up to 28 combined with PA and AA</li> <li>Length: 49.5 cm, Width: 38.8 cm.</li> <li>Height with NV Array: 35.4 cm</li> <li>Height with Cervical Array: 32.6 cm</li> <li>Height with Open Array: 25.9 cm</li> <li>S/I coverage: up to 50 cm with PA and AA</li> <li>Parallel imaging in all three scan planes</li> <li>Head-first or feet-first positioning</li> </ul> <p>The GEM Large Anterior Array facilitates chest, abdomen, pelvis, and cardiac imaging. The GEM AA is lightweight, thin and flexible, and pre-formed to conform to the patient's size and shape. With 54 cm of S/I coverage, the GEM AA permits upper abdomen and pelvis imaging without repositioning the coil.</p> <ul style="list-style-type: none"> <li>Elements: up to 36 combined with PA</li> <li>Length: 55.6 cm, Width: 67.4 cm, Height: 3.3</li> <li>S/I coverage: 54 cm</li> <li>R/L coverage: up to the full 50 cm FOV</li> <li>Parallel imaging in all three scan planes</li> <li>Head-first or feet-first positioning</li> </ul>

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The GEM Peripheral Vascular Array facilitates imaging of the lower legs. The GEM PV uses a hinge design between the upper and lower sets of elements to simplify set-up. In addition, the lower section is fully supported by the GEM table and not the patient.

- Elements: up to 36 combined with PA
- Length: 105 cm, Height: 24.8 cm
- Width second station: 51.5 cm
- Width third station: 64.2 cm
- S/I coverage total: 104 cm
- S/I coverage second station: 52 cm
- S/I coverage third station: 52 cm
- R/L coverage: up to the full 50 cm FOV
- Parallel imaging in all three scan planes
- Head-first or feet-first positioning

The GEM Flex Suite is a versatile set of high-density 16CH receive arrays designed to provide high quality imaging in a wide range of clinical applications. The high degree of flexibility is particularly advantageous when imaging patients that do not fit the constraints of rigid coils.

- Large Flex Array: 23 cm x 70 cm
- Medium Flex Array: 23 cm x 48 cm
- Small Flex Array: 23 cm x 38 cm
- GEM Flex Interface Module P-Connector
- GEM Flex Knee Stabilization Fixture
- GEM Flex Strap and Interface Module Cover
- GEM Flex Cable Take-up Pad and General Purpose Stabilization Pad

The GEM 8-channel Transmit and Receive Knee Array uses unique hybrid technology where separate birdcage coils are used for RF transmission, with independent receive elements, for high definition imaging of the knee.

The 3-channel Shoulder Array offers the increased signal-to-noise characteristic of phased-array technology, along with a unique sleeve design that delivers exceptional joint-imaging capabilities.

Express 2.0 Workflow and In-Room Operator Console: The Discovery MR750w GEM system incorporates features designed to streamline and automate workflow. Express Exam Workflow includes:

- In-Room Operator Console and controls.
- Protocol Management: Protocol Libraries, ProtoCopy, Protocol Notes, Modality

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Worklist.

- Workflow Management and Auto Features: Workflow Manager, Linking, AutoStart, AutoScan, Auto Coil Prescription, AutoVoice, Auto-Calibration.
- Inline Processing and Inline Viewing.

The In-Room Operator Console mounted on the front of the magnet and dual-sided controls enable interaction with the host computer from the magnet room. The user has direct control of:

- Display of patient name, ID, study description
- Display and entry of patient orientation, position and patient weight
- Cardiac gating waveform display
- EKG lead confirmation with gating control: trigger select, invert, and reset
- Respiratory waveform display
- IntelliTouch Landmarking
- AutoStart
- Display of coil connection and status
- Display of table location and scan time
- Screen saver

The Discovery MR750w GEM system enables complete control of protocols for simple prescription, archiving, searching, and sharing. Protocols are organized into two libraries: GE authored and Site Authored. In addition, ProtoCopy enables a complete exam protocol, from either a library or previous exam, to be shared with a mouse click, and Protocol Notes allows customized notes to be saved with the protocol parameters. The Modality Worklist provides an automated method of linking exam and protocol information for a patient directly from a DICOM Worklist server.

The Workflow Manager controls the execution of scan prescription, acquisition, processing, viewing and networking and may automate these steps, when requested by the user. Auto Coil Prescription will automatically select the optimum subset of elements for scanning based on the prescribed FOV, and AutoStart will automatically start the first acquisition as soon as the technologist exits the magnet room. In addition, AutoVoice ensures that consistent and repeatable instructions are delivered to the patient, and Auto Calibration will

automatically acquire a calibration scan for ASSET and/or PURE when needed.

Processing steps are automatically completed with Inline Processing once the data have been reconstructed and the images saved into the database. For certain tasks, the user must accept the results or complete additional steps prior to saving the images. Inline Processing steps can be saved into the Protocol Library.

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	<p>Inline Viewing allows the user to conveniently view, compare, and analyze images from the Scan Desktop by selecting the desired series from the Workflow Manager.</p> <p>ScanTools and EL Tools for Discovery MR750w GEM comprise a comprehensive package of pulse sequences, core applications, imaging options and post-processing capability optimized for 3.0T performance.</p> <ul style="list-style-type: none"> <li>• Spin Echo and Fast-Spin Echo suites: SE, FSE, FSE XL, Fast Recovery FSE, FSE Inversion Recovery, 3D FSE, Single-Shot FSE, Single-Shot FSE IR, T1 FLAIR &amp; T2 FLAIR CNS imaging.</li> <li>• Gradient Echo suite: 2D and 3D GRE, 2D and 3D Fast GRE, 2D and 3D Spoiled PGR, 2D and 3D Fast SPGR, 2D and 3D Dual GRE body imaging.</li> <li>• SPECIAL spectral-spatial, inversion-based fat suppression for 3D FGRE sequences.</li> <li>• Echo Planar Imaging suite: SE-based EPI, GRE-based EPI, Single-Shot EPI, Multi-Shot EPI, Multi-Phase EPI, FLAIR EPI.</li> <li>• Diffusion-Weighted EPI imaging with b-values up to 10,000 s/mm<sup>2</sup>.</li> <li>• FIESTA steady-state imaging includes 2D FIESTA cardiac imaging, 2D FatSat FIESTA body imaging, 3D FIESTA Neuro imaging, 3D FatSat FIESTA coronary imaging.</li> <li>• PROPELLER 3.0 motion-insensitive imaging with T1 FLAIR, T2, T2 FLAIR or PD-weighted contrast - enabled in all scan planes.</li> <li>• PROPELLER 3.0 DWI FSE-based diffusion weighted imaging with radial k-space filling.</li> <li>• 3D Cube 2.0 high-resolution FSE-based imaging with T1, T2, T2 FLAIR or PD-weighted contrast.</li> <li>• 3D BRAVO high-resolution SPGR-based T1-weighted brain imaging.</li> <li>• ReadyBrain automated scan prescription for brain exams.</li> <li>• 2D and 3D MERGE multi-echo GRE-based CNS imaging.</li> <li>• 3D COSMIC high-resolution GRE-based cervical spine imaging.</li> <li>• 3D LAVA single breath-hold, high-resolution SPGR-based T1-weighted liver imaging with SPECIAL fat suppression.</li> <li>• Time-of-Flight MRA Suite: 2D TOF, 2D Gated TOF, 3D TOF and Enhanced 3D TOF.</li> <li>• Phase Contrast MRA Suite: 2D PC, 3D PC, Cine PC.</li> <li>• SmartPrep automated bolus detection.</li> <li>• Fluoro-Trigger MRA real time bolus monitoring with interactive triggering.</li> <li>• QuickSTEP automated multi-station imaging.</li> <li>• iDrive Pro real time interactive imaging.</li> </ul>



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	<ul style="list-style-type: none"> <li>• Double/Triple IR black-blood cardiac imaging with/without fat suppression.</li> <li>• FastCINE functional cardiac imaging with full R-wave coverage.</li> <li>• 2D and 3D GradWarp distortion correction.</li> <li>• ARC acceleration 3D data-based, auto calibrating parallel imaging technique with acceleration factors up to 3X and extended factors with Turbo ARC.</li> <li>• ASSET image-based parallel imaging technique with acceleration factors up to 3X.</li> <li>• Cardiac gating/triggering, compensation, blood suppression, flow compensation.</li> <li>• Respiratory gating/triggering, compensation.</li> <li>• Pencil Beam Body Navigators track diaphragm motion to acquire data when diaphragm is within an acceptable range.</li> <li>• IVI inline, interactive post-processing for vascular MRA data sets.</li> <li>• Multi-Planar Volume Reformat inline, interactive post-processing for 3D volume data sets.</li> <li>• FuncTool Performance advanced post processing algorithms: ADC maps, eADC maps, Negative Enhancement Integral, Positive Enhance Integral, MTE, Signal Enhancement Ratio, Maximum Slope Increase, Maximum Difference Function, Correlation Coefficients, Diffusion Tensor, and 2D/3D CSI.</li> <li>• MR Pasting automated integration of multi-station exams into a single image.</li> <li>• Image Fusion overlays multiple images from separate acquisitions for enhanced visualization.</li> <li>• BrainStat GVF automated calculation of parametric maps for CBF, Blood Volume, MTT and Time to Peak signal intensity using a gamma variant fitting algorithm.</li> <li>• BrainStat AIF calculation of parametric maps for CBF, Blood Volume, MTT and Time-to-Peak signal intensity using an arterial input algorithm.</li> </ul> <p>EL Tools extend the depth and breadth of clinical applications performance for MR750w GEM with advanced, specialized applications and post-processing capability.</p> <ul style="list-style-type: none"> <li>• 3D ASL high resolution quantitative brain assessment using an FSE-based sequence with pulsed continuous labeling - reports cerebral blood flow in ml/100 g/min.</li> <li>• 3D PROMO uses spiral navigators to track translation and rotational motion and automatically reacquires corrupt data on T2/T2 FLAIR 3D Cube imaging. o FOCUS Single-shot diffusion uses 2D RF excitation for high resolution organ specific diffusion imaging.</li> <li>• eDWI enhanced SNR diffusion-weighted imaging for brain and liver - includes Multi-B, Smart NEX, and "3 in 1."</li> <li>• SWAN 2.0 enhanced SNR T2*-weighted susceptibility imaging.</li> </ul>

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	<ul style="list-style-type: none"> <li>• Diffusion Tensor imaging with up to 150 different diffusion directions.</li> <li>• FiberTrak post-processing for DTI data sets.</li> <li>• PROBE PRESS and STEAM single voxel proton brain spectroscopy using the PRESS and STEAM sequences.</li> <li>• 2D and 3D PROBE CSI 2D multi-voxel and 3D multi-voxel brain spectroscopy.</li> <li>• IDEAL 2D FSE and 3D GRE-based fat and water separation imaging with T1, T2, and PD-weighted contrast - generates water-only, fat-only, in-phase and out-of-phase images from a single scan.</li> <li>• IDEAL IQ fat and water separation imaging with relative fat concentration and R2* relaxation mapping.</li> <li>• 3D LAVA Flex high resolution SPGR-based fat and water separation liver imaging with T1-weighted contrast - generates water-only, fat-only, in-phase and out-of-phase images from a single breath-hold scan.</li> <li>• StarMap T2* decay curve imaging using a variable echo, 3D GRE-based technique.</li> <li>• MAVRIC SL advanced visualization of soft tissues and bone near MR conditional devices on patients cleared for MR.</li> <li>• CartiGram non-invasive T2 mapping.</li> <li>• VIBRANT high-resolution SPGR-based T1-weighted bilateral axial or sagittal breast imaging with SPECIAL fat suppression.</li> <li>• VIBRANT Flex high resolution SPGR-based fat and water separation breast imaging with T1-weighted contrast - generates water-only, fat-only, in-phase and out-of-phase images from a single scan.</li> <li>• BREASE single voxel proton breast-optimized spectroscopy.</li> <li>• Inhance 2.0 non-contrast MRA suite: Inflow IR, 3D Velocity, 2D Inflow and 3D DeltaFlow.</li> <li>• TRICKS dynamic, high resolution dynamic 3D volume MRA.</li> <li>• MR Echo dedicated interface and real time interactive imaging optimized for cardiac studies - includes 2D FIESTA, FGRE TC, 2D IR Prepared Gated FGRE.</li> <li>• Cine IR multi-TI myocardial imaging enables tissue characterization and approximation of the optimal null point for myocardium signal.</li> <li>• 2D PS MDE enables delayed myocardial imaging with IR suppression. PS-MDE is not compatible with ReportCard 4.0.</li> <li>• FGRE TC multi-phase myocardial imaging for viability assessment.</li> <li>• 2D &amp; 3D IR Prepared Gated FGRE myocardial evaluation.</li> <li>• 3D Heart high resolution 3D FatSat FIESTA-based whole-heart imaging with navigators and real time motion correction allows free-breathing.</li> </ul>

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		<ul style="list-style-type: none"> <li>• BB SSFSE Single Shot FSE-based whole heart imaging with black blood contrast.</li> <li>• Cardiac Navigator diaphragm tracking option.</li> <li>• Cardiac Tagging for cardiac wall motion assessment.</li> <li>• Flow Analysis 4.0 automated calculation of peak and individual flow velocities for Phase Contrast MRA data sets.</li> </ul>

Silent Suite comprises a comprehensive set of sequences designed to generate high resolution images with T1, T2, T2 FLAIR, and PD-weighted contrasts. The Silenz imaging sequence delivers 3D isotropic images with T1, PD, and angiographic contrast with sound levels that are within 3dB of the ambient conditions. Newly enhanced gradient waveforms have been employed to minimize the acoustic signature of FSE, 3D Cube, and PROPELLER-based acquisitions to generate T2 and T2 FLAIR weighted images. In addition, the localizer, Prescan, and calibration sequences have been optimized as well to deliver a complete Neuro exam at nearly silent levels.

Included in this Silent Suite product are any Silent software enhancements for those sequences previously purchased, as will be provided to all customers who purchase the Silent Suite and the underlying sequences, for a period of ten (10) years. This does not include any hardware or upgrades, which shall be available to you at an additional charge.

GE Healthcare will provide the above referenced enhancements for the system quoted herein during above term if and/or when such enhancements receives any applicable FDA clearance and are made available as a general commercial offering in the United States. This Silent Suite product is not refundable and not contingent upon GE Healthcare's delivery of any particular enhancements or Customers acceptance of any enhancements made available. Customer may, at its option, decline to accept any enhancements made available by GE Healthcare herein, provided that Customer shall not be entitled to any price reduction or refund if Customer declines to accept any such enhancements. GE Healthcare makes no representation or warranty as to the quantity or type of technology or functionality that may be included under any such enhancements. Customer is responsible for the proper accounting for all payments made in the manner required under any state or federal program which provides reimbursement to Customer for or related to any products or services provided under this Agreement.

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Discovery MR750w Magnet Collector

Discovery MR750w Magnet Collector

The MR750w is equipped with GE's most-advanced 3.0T magnet design, high-performance 44 mT/m and 200 T/m/s slew rate gradients, a spacious 70cm patient bore with bright inner-bore lighting, and MultiDrive RF transmit technology

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	<p>delivering performance, productivity and exceptional image quality.</p> <p>GE's Wide-Bore Magnet Design: With GE's active shielding technology and space-age composite design, the lightweight 3.0T magnet minimizes weight while preserving homogeneity and minimizing fringe fields. The result is a 3.0T magnet that does not compromise performance yet can be installed almost anywhere. The magnet's high-homogeneity delivers excellent fat-saturation away from iso-center and ensures image quality over a full 50 cm field-of-view. Coupled with its zero-boil off technology and remote magnet monitoring technology, the MR750w 3.0T magnet is designed to provide years of worry-free, reliable, low-cost operation.</p> <p>In-Room Console (iROC): By consolidating all controls into one place, the In-Room Console (iROC) provides real-time feedback to the operator to improve exam room efficiency. With a high-resolution, color LCD display located just above the MR750w gantry, coil-connection, patient set-up, cardiac and respiratory waveforms make exam preparation a breeze. The iROC provides feedback on:</p> <ul style="list-style-type: none"> <li>• Display of patient name, ID, and study description.</li> <li>• Display and entry of patient weight.</li> <li>• Display and entry of patient orientation / position.</li> <li>• AutoStart - initiates automatic scan start.</li> <li>• Cardiac &amp; Respiratory waveform display.</li> <li>• IntelliTouch landmarking information, table position, and scan time.</li> <li>• Coil connection status.</li> </ul> <p>High Performance Whole-Body Gradients: The MR750w incorporates the latest in MR gradient technology with the wide eXtreme Resonance Module (XRMw). XRMw gradients deliver 44 mT/m peak amplitude, up to 200 T/m/s instantaneous peak slew-rate on each axis, and deliver unmatched fidelity, accuracy, and reproducibility (please refer to system datasheet for additional information). They are water-cooled and equipped with integrated thermo-electric cooling panels to provide excellent stability and duty-cycle for gradient intensive applications. The XRMw gradients have been designed with excellent linearity across the 50cm FOV. Utilizing a unique acoustic barrier material, acoustic noise levels are reduced for enhanced patient comfort without compromising imaging performance.</p> <p>MR750w MultiDrive RF Whole-Body RF Coil: The Discovery MR750w system comes with GE's MultiDrive RF transmit technology as a standard system feature. This system features a high efficiency 4-port drive RF body coil and independent RF amplitude and phase control to improve RF signal homogeneity across the field of view. The system features a fully automated optimization to adjust the RF settings for each patient to deliver optimal image quality regardless of patient size or shape.</p>

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3	1	<p data-bbox="521 151 1101 178">Preinstallation Collector and Cable Concealment Kit</p> <p data-bbox="521 207 1105 234">Preinstallation Collector and Cable Concealment Kit</p> <p data-bbox="521 256 1451 354">The Preinstallation Collector delivers to the site in advance of the magnet and main electronic components. This facilitates the later delivery and installation of supporting electronics. The following are the main components in the Preinstallation collector:</p> <ul data-bbox="537 375 1484 567" style="list-style-type: none"> <li>• Heat exchange cabinet for distribution of chilled water.</li> <li>• Primary Penetration wall panel for support of the penetration cabinet.</li> <li>• Secondary Penetration wall panel for support of gradient filters, helium cables, and chilled air and water.</li> <li>• Helium cryocooler hose kit.</li> </ul> <p data-bbox="521 588 1479 685">The Cable Concealment Kit accommodates a wide-range of scan room ceiling heights and is designed to provide a clean-look installation by concealing the overhead cabling from view.</p>
4	1	<p data-bbox="521 721 1000 747">Discovery MR750w Scan Room Electronics</p> <p data-bbox="521 770 997 797">Discovery MR750w Scan Room Electronics</p> <p data-bbox="521 824 1341 851">The MR750w scan room electronics collector includes all of the following:</p> <ul data-bbox="537 866 1507 1085" style="list-style-type: none"> <li>• MultiDrive RF components (cabling and electronics).</li> <li>• Mechanical and electrical docking architecture that interfaces the GE Express patient tables, both GEM and non-GEM tables, to the Discovery MR750w magnet.</li> <li>• RF signal switching hardware and cabling that routes the MR signals received to the respective OpTix receivers.</li> </ul>
5	1	<p data-bbox="521 1120 776 1147">Main Disconnect Panel</p> <p data-bbox="521 1170 776 1197">Main Disconnect Panel</p> <p data-bbox="521 1224 1487 1286">The Main Disconnect Panel safeguards the MR system's critical electrical components, by providing complete power distribution and emergency-off control.</p>
6	1	<p data-bbox="521 1321 850 1348">Vibroacoustic Dampening Kit</p> <p data-bbox="521 1375 850 1402">Vibroacoustic Dampening Kit</p> <p data-bbox="521 1425 1487 1597">Material in the Vibroacoustic Dampening Kit can significantly attenuate the transmission of gradient-generated acoustic noise through the building structure to nearby areas, including adjacent rooms and floors above or below the MR suite. If this kit is applied during the installation of a new magnet, no additional service charges are necessary. However, installation of the Vibroacoustic Dampening kit under an</p>

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		existing magnet requires special steps. The steps to prepare the site and steps to install, such as modifications to the RF screen room, and other magnet rigging, modifications to the RF screen room, and other finishing work, are not covered in the pricing.
7	1	<p>3.OT Calibration Phantom Kit</p> <p>3.OT Calibration Phantom Kit</p> <p>This 3.OT calibration kit contains a large volume shim phantom, a daily quality assurance phantom, an echo-planar calibration phantom, and associated loader shells.</p>
8	1	<p>Discovery MR750w Cable Configuration - A</p> <p>Discovery MR750w Cable Configuration - A</p> <p>To accommodate various electronic and scan room configurations and sizes, the MR750w has preset lengths of cables and connector kits to speed system installation. This cable collection is compatible with fixed and relocatable building configurations.</p>
9	1	<p>English Keyboard</p> <p>English Keyboard</p> <p>Required for our operator console. This keyboard is ergonomically designed to keep your staff comfortable even through the longest shifts. The scan control keyboard assembly has an intercom speaker, microphone, volume controls and emergency stop switch.</p>
10	1	<p>Calibration Kit Phantom Holder Cart</p> <p>Calibration Kit Phantom Holder Cart</p>
11	1	<p>Operators Console Table</p> <p>Operators Console Table</p> <p>Wide table designed specifically for the color LCD monitor and keyboard.</p>
12	1	<p>fMRI Elite Package (on MR console)</p> <p>fMRI Elite Package (on MR console)</p> <ul style="list-style-type: none"> <li>BrainWave RT (Real-Time)</li> <li>BrainWave PA (Post Acquisition Analysis)</li> <li>BrainWave Fusion</li> <li>BrainWave Advanced Visualization</li> </ul>

Item No. Qty	Description
	<ul style="list-style-type: none"> <li>BrainWave Advanced DTI Tracking</li> <li>BrainWave Structured Reporting</li> </ul> <p>BrainWave RT provides real-time acquisition, processing and display of functional results. It allows a single technologist to acquire, process and display BOLD (Blood Oxygen Level Dependent) fMRI studies acquired with synchronized stimuli. It is comprehensive, equipping you with all the real-time functionality you need, including paradigm control and development, and real-time display of color activation, overlaid on source EPI images. The main features are:</p> <ul style="list-style-type: none"> <li>50,000 image storage per series with data acquisition rates up to 20 images per second.</li> <li>Display of 2D activation maps overlaid over Echo Planar source images in real time.</li> <li>Multiple 2x2 and 4x4 display.</li> <li>Optional saving of raw data in research mode for off-line analysis with 200,000 images.</li> </ul> <p>BrainWave Post-Acquisition allows you to produce, from raw fMRI data, 3D brain renderings displaying functional activation. Display alternatives for these maps include cross sectional displays, activation Z-maps and composite paradigm displays. The features include the following:</p> <ul style="list-style-type: none"> <li>Integration into the operator console.</li> <li>Intuitive graphic user interface for image analysis and display.</li> <li>Data quality check, motion correction, temporal filtering and spatial smoothing to optimize statistical analysis and mapping.</li> <li>Multiple regression analysis.</li> <li>Segmented structural MRI Scan using completely automatic threshold and histogram methods and mathematical morphology techniques.</li> <li>Rapid retrospective motion correction.</li> <li>Sophisticated visualization techniques including true volume rendering, light box and orthogonal displays.</li> </ul> <p>BrainWave delivers tools for fMRI analysis starting with segmentation and skull stripping of anatomical structures, and data processing to include motion correction and smoothing. Paradigm supports both block single and multi-conditions, as well as event related conditions. Registration of anatomical imaging to fMRI outputs with color overlays and fusion through BIP (fused functional to anatomical maps). Supplied interface supports control between the scanner hardware and the paradigm generation device to control experiments.</p> <p>The DTI Tracking tool enables directionally encoded FA maps to be presented in both</p>

Item No.	Qty	Description
13	1	<p data-bbox="521 171 1479 312">grey and color scales for 3 plane presentation. Seed placement is provided in either 3D seeds, inclusion and/or exclusion ROIs as well as multiple ROI formats. The display is provided in real time to control tract settings based on FA, fiber length or angle. The output formats for tracts is via DICOM format.</p> <p data-bbox="521 333 1471 540">Reporting of cases is provided in simplified format that streamlines the report structure and process while providing a detailed description of experiment methods, output of patient centric feedback (task response, motion plot and activation curves), delivery of color screenshots of results and clinical report fields for summary outcome. The export format provides user-defined threshold DICOM format activation maps for reformation and display for surgical navigation or PACS review.</p> <p data-bbox="521 576 683 602">3.0T MR Touch</p> <p data-bbox="521 627 699 654">3.0T MR-Touch</p> <p data-bbox="521 679 1422 706">MR-Touch is a non-invasive method to measure relative tissue stiffness with MR.</p> <p data-bbox="521 731 1487 1301">MR-Touch is a new acquisition and reconstruction technique that combines hardware, and acquisition and reconstruction algorithms to produce Elastograms, color-coded anatomical images showing varying degrees of elasticity or stiffness. The image contrast is related to relative stiffness of soft tissue and is generated from the real-time data acquisition during tissue palpation with low amplitude and low frequency sound waves. The hardware component is comprised of an active sound wave generator and a passive transducer that produces small vibrations in the area of the patient to be scanned. The MR-Touch acquisition software incorporates a spin-echo EPI phase contrast sequence making it less sensitive to susceptibility-induced signal loss. The acquisition software also triggers the sound wave generator to produce synchronized vibrations on the surface of the patient during the data acquisition. The reconstruction algorithms generate images that show the propagation of sound waves through the tissue (phase images) and also the corresponding strain wave and relative stiffness images. Parallel imaging is used to accelerate image acquisition and provide for whole liver coverage in a few breath holds.</p> <p data-bbox="521 1332 1373 1359">MR-Touch is designed to evaluate relative liver and muscle tissue stiffness.</p> <p data-bbox="521 1384 1382 1411">MR-Touch is compatible with the Discovery MR750w and MR750 MR systems.</p>
14	1	<p data-bbox="521 1452 1430 1479">Vanguard Breast MRI Tabletop Coil for 3.0T MR750/MR750w - Forward Production</p> <p data-bbox="521 1504 1382 1566">Vanguard Breast MRI Tabletop Coil for Discovery MR750/MR750w 3.0T - Forward Production</p> <p data-bbox="521 1591 1495 1618">The Vanguard Breast MRI Tabletop Coil for the Discovery 3.0T platform is a 16-channel</p>



Item No.	Qty	Description
15	1	<p data-bbox="513 171 1471 379">receive only, high-density RF coil designed to produce images with optimal signal to noise ratio and uniform coverage for breast imaging. The Variable Coil Geometry of this product allows imaging coils to be customized for each breast of every patient, improving signal-to-noise ratio over fixed coils. This results in the ability to resolve detail in morphology, which can lead to better breast cancer management and treatment options.</p> <p data-bbox="513 406 1495 648">The open design of the Vanguard patient support allows maximum access to the breast for ease of positioning and intervention, while the coils can be adjusted for different sized breasts and different areas for intervention. The coils can easily be moved medially and laterally, as well as anteriorly and posteriorly, providing the greatest flexibility in coil and grid placement. This permits optimal access for targeting in all quadrants of the breast. The Sentinelle Vanguard for GE is universally compatible with leading biopsy devices and localization needles.</p> <p data-bbox="513 675 1336 737">Requires 22.0 software or higher. For a GEM table, also order M7000FP-Riser Assembly.</p> <p data-bbox="513 752 1040 814">Medrad 8-Ch Coil Interface Device 3.OT Systems 3.OT 8-Ch Coil Interface Device - Medrad</p> <p data-bbox="513 841 1487 1311">This Medrad 8-channel Interface Device combines the Medrad eCoil and GE 8-channel Body Array for phased array imaging of the pelvis. It allows for high resolution, small FOV imaging of prostate, cervix, colon, and other regions of the pelvis. It provides improved ability to visualize internal architecture of the prostate and periprostic structures; including prostate capsule and neurovascular bundles, which leads to better treatment planning, and may assist in tumor staging. It is compatible with 3.OT eCoils - prostate, cervix and colon - and supports the 8-channel Body Array from GE. It is supported on GE 3.OT MR750 and HDxt with G3 magnets. Warranty Code: B Warranty Period-1 year- New or exchange replacement parts at no charge to correct non conforming products or parts during the warranty period. Note: Installation, parts, application training and on-site service is the buyer's responsibility. GE Field Engineers may be available at prevailing HBS rates. Compatible only with M3335LN, 8-channel Torso Array Coi.</p>
16	1	<p data-bbox="513 1342 1227 1415">3.OT MR Disposable Prostate Endorectal Probes (5/Bx) - Medrad 3.OT Disposable Prostate Endorectal Probes by Medrad (5/Box)</p> <p data-bbox="513 1442 1471 1578">These disposable prostate endorectal probes are for use with the Medrad 3.OT MR endorectal coil and the GE 3.OT HDxt G3 and MR750 system. Includes a manual and 5 probes/syringes per box. Warranty Code: H Warranty Period- 6 months- Exchange of non conforming products, which are returned to GE during warranty period. Note:</p>

Item No.	Qty	Description
17	1	<p data-bbox="511 188 1484 215">Installation, parts, application training and on-site service is the buyer's responsibility.</p> <p data-bbox="821 225 1177 252">3.OT 8-Channel Foot / Ankle Coil</p> <p data-bbox="821 263 1177 290">3.OT 8-Channel Foot / Ankle Coil</p> <p data-bbox="511 317 1468 478">The 3T compatible foot / ankle coil produces high-resolution images of the foot and ankle by incorporating an 8-channel phased array design in a unique "ski" boot design. The unique coil design has excellent distal coverage and supports multiple foot positions for optimizing studies. Parallel imaging is supported to reduce acquisition times.</p>
18	1	<p data-bbox="511 534 1474 561">MR Heat Exchanger for Discovery MR450, MR750, MR750w - Standard Ambient Temp</p> <p data-bbox="511 576 1393 602">GE Discovery MR450 and Discovery MR750 Heat Exchangers - 70kW (30 Tons)</p> <p data-bbox="511 627 1479 764">Cooling for your GE Healthcare MR system has never been so easy. GE Healthcare has partnered with the Glen Dimplex Group, a world leader in cooling systems, to offer heat exchangers designed to meet the needs of your Discovery MR System. Now you can look to GE Healthcare for your entire MR purchase and support.</p> <p data-bbox="511 791 1468 1036">This heat exchanger is highly reliable and the only unit verified to perform with the new platform of GE Healthcare MR systems. As part of your integrated GE Healthcare solution, you'll work with a single contact throughout the whole installation. A Project Manager of Installation will help with building layout, room designs, delivery and installation - every step until your system is ready to scan. Our team will work seamlessly with architects, contractors and your internal team to help ensure timely, cost-effective completion.</p> <p data-bbox="511 1060 1450 1160">Once your cooling system is running, you'll get fast, highly-skilled service support managed through GE Healthcare - with the same quality and response time you expect from your MR system.</p> <p data-bbox="511 1187 802 1214">FEATURES AND BENEFITS</p> <ul data-bbox="537 1241 1516 1624" style="list-style-type: none"> <li>• Designed to provide stable fully dedicated cooling for your MR system's needs</li> <li>• Water/glycol outdoor-air-cooled heat exchangers to support your highest exam volumes and your full range of diagnostic procedures</li> <li>• Redundant fluid pumps with automatic switchover let you keep operating with no loss of cooling even if one pump goes down</li> <li>• Quad compressor, dual tandem refrigeration circuit design saves on energy while your system smoothly transitions through the 10% to 100% heat load capacity cycles of patient scanning and idling</li> <li>• Quiet operation between patient exams and overnight - ideal for facilities in residential areas</li> </ul>

Item No. Qty	Description
	<ul style="list-style-type: none"> <li>Comes with installation support, installation visits, preventative maintenance visit and 1 full year of parts and labor warranty</li> <li>Installation support includes: support through GE's Project Manager of Install, GE's Design Center, technical support from the Glen Dimplex company, two (2) installation visits</li> <li>Comprehensive and quality service rapidly delivered through our CARES service solution</li> <li>65 gallons of 100% glycol concentrate for complete system filling and diluting</li> <li>Wall mounted remote display panel provides the ability to monitor the system's operation and indicates possible system errors</li> <li>Filter kit with flow meter helps to ensure purity of water prior to entry to the MR system</li> <li>Highly recommended that Vibration Isolation Spring Kit (E8911CJ) be added for systems that will be rooftop mounted</li> </ul>
	<b>SPECIFICATIONS</b> <ul style="list-style-type: none"> <li>Net Cooling Capacity: 70 kW / 30 Ton</li> <li>Maximum Coolant Flow: 35 gpm (1321/m)</li> <li>Coolant Outlet Temperature: 48 F (8.9 C)</li> <li>Coolant Temp Stability: E 1.8 F ( E1.0 C)</li> <li>Max Coolant Pressure : 70 Psi (4.8 Bar)</li> <li>Refrigerant: R407C</li> <li>Ambient Temp Range: -20 to 120 F (-30 to 50 C)</li> <li>Condenser Air Flow (Approx): 18,000 Cfm</li> <li>Tank Capacity: 100 gal (3781)</li> <li>Flow Meter Range: 4-40 gpm</li> <li>Filters: 50 micron cartridge filters</li> <li>Supply Voltage: 460v / 3 phase / 60 Hz</li> <li>Coolant Connections: 2" NPTF</li> <li>Overall Size IL x W x H) 44" x 136" x 84.5"</li> </ul>
	<b>COMPATIBILITY:</b> <ul style="list-style-type: none"> <li>GE Discovery MR450 1.5T MR system</li> <li>GE Discovery MR750 3.0T MR system</li> </ul>
	<b>NOTES:</b> <ul style="list-style-type: none"> <li>Item is NON-RETURNABLE and NON-REFUNDABLE</li> </ul>

Item No.	Qty	Description
19	1	<p data-bbox="518 196 1224 223">Medrad Spectris Solaris EP Injector w/ICBC - NOT FOR MOBILES</p> <p data-bbox="518 250 1052 277">Medrad Spectris Solaris EP MR Injection System</p> <p data-bbox="518 304 1481 437">Medrad Spectris Solaris EP MR injector for use use in all MR scanner field strengths up to and including 3.0T. Optimized touch-screen for fewer keystrokes, KVO (keep vein open) allows patient to be prepared before beginning the scan. Larger 115 ml saline syringe for longer KVO or multiple flushes. Includes cables and starter kit...E</p> <p data-bbox="518 464 1446 669">NOTE: GE is responsible for unpacking, assembly, and installation of equipment. Medrad will be available for technical assistance by phone at (412)767-2400. An additional charge will apply for on-site installation assistance. Medrad will be responsible for operational checkout, final calibration, in-service of the equipment, and initial applications training. Please contact the local Medrad office two weeks in advance of installation.</p>
20	1	<p data-bbox="518 706 1089 733">Magnacoustics Genesis Ultra Music System for MR</p> <p data-bbox="518 760 1230 787">Magnacoustics Genesis ULTRA Communication &amp; Music System</p> <p data-bbox="518 814 1481 1489">The Magnacoustics Genesis ULTRA is the only MRI Communication &amp; Music System to interface directly with GE's MRI hardware and software. This allows software driven Auto Voice Commands from GE's computer to be delivered directly into the patient's ears for breath-hold sequences. This same interface allows the Technologist to talk directly to the patient through the console Mic even while the scan is in progress. The Genesis ULTRA also features an exclusive Patient Ready Signal. By simply depressing a small button on the handheld control an audible and visual signal is transmitted to the Technologist indicating the patient's readiness for the scan to begin. This simple step streamlines the breath-hold exam which amounts to approximately 30% of all exams. Patient Handheld Volume and Media Selection Controls with Voice Feedback interface with an FM/AM stereo, CD player, and iPod interface. This distracts even the most apprehensive of your patients by allowing them to be in control of their own environment. Additionally, the Auto Gain feature automatically raises and lowers the volume level for the patient based on the Sound Pressure Level of the MRI. Magnacoustics also provides the only patented 8-driver transducer that provides the highest sound directly to the patients ears with the MagnaLink Headset System. This patented system includes a stethoscope-style headset with the MagnaPlug (replaceable earplug) that provides 29dB of attenuation and complies with GE Healthcare MR Safety Guide Operator Manual.</p> <p data-bbox="518 1516 1446 1616">The Genesis ULTRA's See-In-the-Dark GUI Electroluminescent Backlit Technologist Control Unit enhances operation in the normally low-lit MRI environment allowing the Technologist to operate the entire system with the touch of a button.</p>

Item No.	Qty	Description
21	1	<p data-bbox="513 178 1414 240">The Genesis ULTRA includes an integral interface for fMRI with built-in input for audio stimulation and output for responses...E</p> <p data-bbox="513 250 1409 312">GE Digital Energy Signature 5000 Series 150 KVA UPS for X-Ray, MR450 and MR750 Systems</p> <p data-bbox="513 333 1328 364">GE Digital Energy 5000 Series 150 KVA - X-Ray, MR450, MR750 Systems</p> <p data-bbox="513 385 1433 665">The GE Digital Energy SG Series is one of the best performing and most reliable three-phase UPS systems providing critical power protection for medical imaging systems. The SG Series UPS was developed using GE's Design for Six Sigma methodology ensuring that the product fully meets customer requirements and expectations. It produces extremely low output voltage distortion during step loads from 0-100% thus making it ideal for diagnostic imaging systems. Its superior performance enables GE to correctly size the UPS for the application resulting in significant savings in initial and life cycle costs compared to other systems.</p> <p data-bbox="513 685 764 716">FEATURES/BENEFITS</p> <ul data-bbox="537 747 1544 1609" style="list-style-type: none"> <li data-bbox="537 747 1495 851">• 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</li> <li data-bbox="537 861 1495 965">• This 3 Phase, Online Double Conversion UPS eliminates all power anomalies such as noise, transients, over-voltage, and under-voltage, which could damage the imaging system's sensitive computer components</li> <li data-bbox="537 975 1455 1048">• Improves imaging system reliability, reduces service costs, and increases system uptime</li> <li data-bbox="537 1058 1544 1504">• Superior UPS technologies include: <ul style="list-style-type: none"> <li data-bbox="602 1100 1446 1172">– Superior dynamic load handling capability offers you a cost-effective solution with reduced lifecycle costs and a reduced footprint</li> <li data-bbox="602 1183 1471 1255">– Extremely low output voltage distortion reduces the need for over-sizing the UPS (up to 14% smaller footprint)</li> <li data-bbox="602 1265 1536 1297">– Space vector modulation resulting in faster response and higher efficiency</li> <li data-bbox="602 1307 1455 1379">– Output isolation transformer separates the utility power from the load providing greater critical power protection</li> <li data-bbox="602 1390 1455 1462">– Superior battery management enhances the life of the battery and reduces operational costs</li> <li data-bbox="602 1473 1479 1504">– Input 5th harmonic filter reduces the input distortion to less than 7%.</li> </ul> </li> <li data-bbox="537 1514 1495 1609">• SNMP Card included which allows the UPS to be managed using an existing Network Management System or with GE Digital Energy's exclusive UPS management software</li> </ul>

Item No.	Qty	Description
		<ul style="list-style-type: none"> <li>Recommended with 150 KVA Bypass Panel (E4504CH), sold separately</li> </ul> <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> <li>Dimensions (H x W): 71" x 47.25"</li> <li>Weight: 2161 lbs.</li> <li>Voltage: 480VAC, 3 phase, 4 wire + ground</li> <li>Frequency: 60 Hz</li> </ul> <p>COMPATIBILITY</p> <ul style="list-style-type: none"> <li>X-Ray Systems, Cath Lab, MR450 1.5T and MR750 3.0T</li> </ul> <p>NOTES:</p> <ul style="list-style-type: none"> <li>Customer is responsible for rigging and arranging for installation with a certified electrician</li> <li>ITEM IS NON-RETURNABLE AND NON-REFUNDABLE</li> </ul>
22	1	<p>150 KVA UPS Bypass Panel (Use With E4502FD)</p> <p>150 KVA UPS Bypass Panel (Use With E4502FD/ E4505MB)</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> <li>The 150 kVA UPS Bypass Panel feeds power to the GE Digital Energy 150 kVA UPS in the normal mode and enables an imaging system to operate when the UPS is in the manual bypass mode for routine servicing of the UPS or in the event of UPS failure</li> <li>The UPS input and output breakers provide branch overcurrent protection, a disconnection means and OSHA lockout/tagout provisions</li> <li>The bypass breaker includes a control contact which interfaces with the UPS to switch into static bypass</li> <li>Each circuit breaker is permanently identified by function for ease of operation</li> <li>Reduces installation time and cost by providing a pre-designed and tested system eliminating the need to mount and wire a number of individual components</li> <li>Standardized design and testing assures high product quality and system reliability</li> </ul> <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> <li>Dimensions (H x W x D): 65.87" x 31" x 11.5"</li> <li>Weight: 350 lbs.</li> </ul>

Item No.	Qty	Description
23	1	<ul style="list-style-type: none"> <li>Mounting: Four 0.5" square mounting holes provided</li> </ul>
		COMPATIBILITY
		<ul style="list-style-type: none"> <li>Use with GE Digital Energy 150 kVA UPS (E4502FD)</li> </ul>
		<p>18 KAIC 28 Amp MR Maximum Constant Lighting Level System</p> <p>18 KAIC 28 Amp MR Maximum Constant Lighting Level System</p> <p>The GE DC Lighting Control Panel converts three-phase 208 V, AC to 115 VDC for lighting power used within the MR shielded suite. Use of DC powered lighting is required in GE Signa System exam rooms and eliminates RF noise generated by 60 Hz incandescent lamps. The DC Lighting Controller System is compatible with any imaging system or application requiring 115 VDC lighting. The use of variable DC lighting also offers additional comfort to the patient.</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> <li>Standardized design and testing improves product quality and system reliability</li> <li>Prevents AC interference when using radio frequency imaging</li> <li>Uniform factory design eliminates individual project design, delays and engineering costs of obtaining a locally manufactured panel</li> <li>20 Amp or 28 Amp continuous current rated units to fit any imaging application</li> <li>Internal current limiting fuses and branch circuit breakers protects individual DC circuits and rectifier</li> <li>OSHA lockout/tagout padlock provisions</li> <li>Surface or semi-flush mounting</li> </ul> <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> <li>Dimensions (H x W x D): 30.37" x 20.5" x 9"</li> <li>Weight: 171 lbs.</li> </ul> <p>NOTES:</p> <ul style="list-style-type: none"> <li>Customer is responsible for rigging and arranging for installation with a certified electrician</li> <li>ITEM IS NON-RETURNABLE AND NON-REFUNDABLE</li> </ul>
24	1	<p>Physician's Chair with Padded Arms</p> <p>Physician's Chair with Padded Arms</p> <p>Physician's chair has padded arms for comfort and comes in a charcoal gray color that blends with any environment. Chair adjusts from 16.75 in. to 21 in. (42.5 cm x</p>

Item No.	Qty	Description
25	1	<p data-bbox="513 171 1263 275">53.3cm) and is only for use in the MR Control Room. Weighs 45 lbs. MR Dielectric Pad Set - Includes 1 Neck Pad and 1 Abdomen Pad MR Dielectric Pad Set-Includes 1 Neck Pad and 1 Abdomen Pad</p> <p data-bbox="513 296 1485 503">These soft and flexible dielectric pads are used to suppress shading artifacts that can sometimes be encountered at higher 3.0T field strengths, and especially when imaging in the cervical spine and abdomen and pelvis. Covered with a patient friendly outer cover, the neck pad is placed inside the coil, and under the patient's neck, while the abdomen pad is placed over the patient's abdomen or pelvis and under the front portion of the torso array coil.</p>
26	1	<p data-bbox="513 555 1047 627">TiP Discovery and Optima Family Succeed Elite TiP Discovery and Optima Family Succeed Elite</p> <p data-bbox="513 648 1485 897">This program is designed for NEW GE customers who purchase Discovery or Optima systems or CURRENT GE customers purchasing a Discovery or Optima system WITHOUT prior HD/HDx experience. Program content is comprehensive in nature and covers entire system operation and all features/applications. Blended content delivery and design promotes learner retention and more efficient and effective mastery of new and advanced clinical/technical skills. Extended TVA support ensures learners maintain performance over the long term.</p> <ul data-bbox="537 917 1461 1073" style="list-style-type: none"> <li>• 2 Discovery or Optima HQ Classes/sessions (One session is equivalent to one class)</li> <li>• 24 onsite days</li> <li>• 12 hours TVA</li> </ul> <p data-bbox="513 1094 1442 1166">This training program must be scheduled and completed within 24 months after the date of product delivery.</p>
27	1	<p data-bbox="513 1249 1339 1280">TiP Discovery and Optima Family Training 6 Days Onsite Plus 10 Hrs TVA</p> <p data-bbox="513 1301 1461 1435">The TiP Training Choices program is designed for CURRENT GE customers WITH HD/HDx experience who purchase a Discovery or Optima system. Training is delivered onsite at the customers facility and focuses on new system features and applications. Extended TVA support ensures learners maintain performance over the long term.</p> <p data-bbox="513 1456 1442 1529">This training program must be scheduled and completed within 36 months after the date of product delivery.</p>
28	1	



Item No.	Qty.	Description
		<p>MR BASIC SERVICE READINESS (CLASS/LAB)</p> <p>The MR Basic Service Readiness in-resident course will equip the Engineer with the theory and physics of MR and the ability to identify, operate and PM systems at a basic service level. This one-week in-residence course will provide classroom instruction as well as practical application of Basic Service skills on a variety of GE MR systems. This course is prerequisite to all of the other MR training courses. This course must be taken within 2 years from the purchase date.</p>
29	5	<p>Meals And Lodging Expense</p> <p>Meals and Lodging Expense has been developed to allow the customer the convenience of prepaying for their meals and lodging expenses when attending Technical Service Training at the GE Healthcare Institute located in Waukesha, WI.</p> <p>The price of this convenience is based on a per day basis. Thus a quantity of 1 is equal to 1 day's meals and lodging expense. When purchasing the meals and lodging expense please be mindful of weekend days during the training stay and include 2 days to cover a weekend in the purchase quantity.</p> <p>Examples: A 5-day course needs a quantity of 5. Any course longer than 5 days should include 2 days to account for the weekend stay. Any course longer than 10 days will require an additional 4 days of the meals and lodging expense to cover the 2 weekends of the stay. Thus a 15-day course would have a quantity of 19 days to cover the 2 weekends of the stay. This expense must be used within 2 years from the purchase date.</p> <p>Three meals a day Monday thru Thursday, 2 meals on Friday, pluse breaks are provided in the onsite cafeteria. The GE Healthcare Institute cafeteria closes Friday after lunch and reopens Monday morning for breakfast. Weekend meals are the responsibility of the customer.</p> <p>Only for In-resident courses to be taken at the GE Healthcare Institute.</p>
30	1	<p>Airfare Expense</p> <p>The AIRFARE EXPENSE has been developed to allow the customer the convenience to prepay their roundtrip Airfare expenses when attending Technical Service Training at the GE Healthcare Institute located in Waukesha, WI. To be used for engineers attending In-Resident Class/Lab courses for Diagnostic Imaging.</p> <p>Customer will make their Airfare arrangements thru the GE Travel Center. Specific directions will be provided to the customer upon confirmation of class. Please note that this expense must be used within 2 years of the purchase date</p>

Item No.	Qty	Description
	<b>1</b>	<b>Non Products</b>
31	1	Mobile MRI provided by Insight Imaging. \$194,600.
	<b>1</b>	<b>Non Products</b>
32	1	Rigging and removal of Philips 3T magnet from MR Suite into truck. Rigging of 750w from truck into MR Suite per the scope of work described in quotation provided by All American Rigging . \$19,655.00.