



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor

KODY H. KINSLEY • Secretary

MARK PAYNE • Director, Division of Health Service Regulation

VIA EMAIL ONLY

April 22, 2024

Missy Church

mchurch@hughchatham.org

Exempt from Review – Replacement Equipment

Record #: 4424
Date of Request: April 4, 2024
Facility Name: Hugh Chatham Memorial Hospital, Inc.
FID #: 923276
Business Name: Hugh Chatham Memorial Hospital, Inc.
Business #: 1012
Project Description: Replace Fixed MRI Scanner
County: Surry

Dear Ms. Church:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency), determined that the above referenced project is exempt from certificate of need review in accordance with G.S. 131E-184(a)(7). Therefore, you may proceed to acquire without a certificate of need the GE Artist 1.5T fixed MRI scanner to replace the Siemens Magnetom Avanto 1.5T fixed MRI scanner, Serial #25196. This determination is based on your representations that the existing unit will be sold or otherwise disposed of and will not be used again in the State without first obtaining a certificate of need if one is required.

It should be noted that the Agency's position is based solely on the facts represented by you and that any change in facts as represented would require further consideration by this office and a separate determination. If you have any questions concerning this matter, please feel free to contact this office.

Sincerely,

Gregory F. Yakaboski
Project Analyst

Micheala Mitchell
Chief

cc: Acute and Home Care Licensure and Certification Section, DHSR
Construction Section, DHSR

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF HEALTH SERVICE REGULATION

HEALTHCARE PLANNING AND CERTIFICATE OF NEED SECTION

LOCATION: 809 Ruggles Drive, Edgerton Building, Raleigh, NC 27603
MAILING ADDRESS: 809 Ruggles Drive, 2704 Mail Service Center, Raleigh, NC 27699-2704
<https://info.ncdhhs.gov/dhsr/> • TEL: 919-855-3873

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

From: [Missy Church](#)
To: [Yakaboski, Greg](#)
Subject: [External] exempt-email RE: Exemption Request for Replacing MRI
Date: Wednesday, April 10, 2024 10:39:08 AM
Attachments: [image001.png](#)

You don't often get email from mchurch@hughchatham.org. [Learn why this is important](#)

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Good morning Greg,

The Fixed Siemens Avanto MRI scanner, located at Hugh Chatham Health in Elkin, NC, has been used at least 10 times to provide a health service during the 12 months prior to the date of the exemption request.

Please let me know if you need any additional information.

Thanks for your help.



Missy Church

HCH Director of Imaging Services

180 Parkwood Drive | Elkin, NC 28621 | 336-527-7398

mchurch@hughchatham.org | www.HughChatham.org

From: Yakaboski, Greg [mailto:greg.yakaboski@dhhs.nc.gov]

Sent: Wednesday, April 10, 2024 10:24 AM

To: Missy Church <mchurch@hughchatham.org>

Subject: Exemption Request for Replacing MRI

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. - **MIS HelpDesk**

Ms. Church,

I am the Project Analyst handling your Exemption Request to Replace your Fixed MRI Scanner. I just need one more piece of information which is statement that the Fixed MRI Scanner was used at least 10 times to provide a health service during the 12 months prior to the date of your Exemption letter. (which I am sure it has been).

I put a copy of Rule I am referring to below with the pertinent part highlighted in yellow.

A simple email will be sufficient.

Any Questions please feel free to reach out.

Thanks,

Greg

10A NCAC 14C .0303 REPLACEMENT EQUIPMENT

(a) This Rule defines the terms used in the definition of “replacement equipment” set forth in G.S. 131E-176(22a).

(b) “Currently in use” means that the equipment to be replaced has been used by the person requesting the exemption at least 10 times to provide a health

service during the 12 months prior to the date the written notice required by G.S. 131E-184(a) is submitted to the CON Section.

(c) Replacement equipment is not “comparable” if:

(1) the replacement equipment to be acquired is capable of providing a health service that the equipment to be replaced cannot provide; or

(2) the equipment to be replaced was acquired less than 12 months prior to the date the written notice required by G.S. 131E-184(a) is submitted to the CON Section and it was refurbished or reconditioned when it was acquired by the person requesting the exemption

Sincerely,

Gregory F. Yakaboski

Gregory F. Yakaboski

Project Analyst

[Division of Health Service Regulation](#), Certificate of Need

[NC Department of Health and Human Services](#)

Help protect your family and neighbors from COVID-19.

[Know the 3 Ws. Wear. Wait. Wash.](#)

#StayStrongNC and get the latest at nc.gov/covid19

Office: 919-855-3873

Greg.Yakaboski@dhhs.nc.gov

809 Ruggles Drive, Edgerton Building

2704 Mail Service Center

Raleigh, NC 27699-2704

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Our Region's **CHOICE**
for TECHNOLOGY & CARE

April 4, 2024

Via Email

Ms. Micheala Mitchell, Chief

[Division of Health Service Regulation](#), Healthcare Planning and Certificate of Need Section
[NC Department of Health and Human Services](#)

2704 Mail Service Center
Raleigh, NC 27699-2704

Re: Request for Exemption from Review to Replace Existing MRI Equipment
Facility Name: Hugh Chatham Health
County: Surry

Dear Ms. Mitchell,

Hugh Chatham Health intends to replace the existing MRI equipment located at the main campus of HCH in Elkin, North Carolina. The existing Siemens Avanto MRI was originally put into service in 2004 and is beyond its useful life. Therefore, HCH seeks to acquire a GE Artist MRI scanner. See **Attachment A** for the GE quote, plus any additional quotes and invoices. The de-installation and removal of the existing equipment is being performed by the vendor as a trade-in. Also included in the equipment cost, the vendor will provide onsite clinical training for the equipment. The total capital cost for the proposed replacement project is estimated to be **\$2,409,531.32**. See **Attachment B** for details of the capital cost and **Attachment C** for the equipment comparison.

Pursuant to G. S. Stat 131E-184 (a) (7) the proposal to provide replacement equipment is exempt from certificate of need review if it receives prior written notice from the entity proposing the new institutional health service, which notice includes an explanation of why the new institutional health service is required

Replacement equipment is defined in the CON law under G.S. Stat. 131E-176(22a) as:

“Equipment that costs less than three million dollars (\$3,000,000) and is purchased for the sole purpose of replacing comparable medical equipment currently in use which will be sold or otherwise disposed of when replaced. In determining whether the replacement equipment costs less than three million dollars (\$3,000,000) the costs of equipment, studies, surveys, designs, plans, working drawings, specifications, construction, installation, and other activities essential to acquiring and making operational the replacement equipment shall be included. The capital expenditure for the equipment shall be deemed to be the fair market value of the equipment or the cost of the equipment, whichever is greater. Beginning September 30, 2023, and on September 30 each year thereafter, the cost threshold amount in this subdivision shall be adjusted using the Medical Care Index component of the Consumer Price Index

published by the U.S. Department of Labor for the 12-month period preceding the previous September 1.”

The proposed project meets the definition of “replacement equipment” for the following reasons:

1. HCH will replace the existing Siemens Avanto MRI equipment with the proposed GE Artist equipment that is functionally similar and will be used for the same diagnostic purposes, although it possesses expanded capabilities due to technological improvements.
2. The proposed equipment will not be used to provide a new health service.
3. The acquisition of the proposed equipment will not result in more than a 10% increase in patient charges or per procedure operating expenses within the first 12 months after the replacement equipment is acquired.
4. HCH seeks to replace comparable medical equipment currently in use at a project cost of less than \$3 million.
5. The existing equipment will be removed from North Carolina and will not be used by HCH.

In support of our request, please find the attached:

- Attachment A-Vendor Equipment Quote
- Attachment B- Projected Capital Cost Form
- Attachment C- NC CON Equipment Comparison Chart

HCH’s acquisition of the replacement equipment does not require a certificate of need because none of the definitions of “new institutional health services” outlined in N.C.G.S. Section 131E-176(16) apply to the proposed project. As outlined above, the total cost for the project is **\$2,409,531.32**. The total cost for the project includes equipment, studies, surveys, designs, plans, working drawings, specifications, construction installation and other activities essential to making the equipment operational.

Please confirm that HCH’s replacement equipment is exempt from a certificate of need review. Please do not hesitate to contact me if any additional information is needed.

Sincerely,



Missy Church
HCH Director of Imaging Services

**ENSURE REQUISITION/PURCHASE ORDER IS ISSUED TO:
 GE PRECISION HEALTHCARE
 TAX ID (83-0849145)**
Hugh Chatham Memorial Hospital

 180 Parkwood Dr
 Elkin, NC28621-2430

This Agreement (as defined below) is by and between the Customer and the GE HealthCare business ("GE HealthCare"), each as identified below for the sale and purchase of the Products and/or Services identified in this Quotation, together with any applicable schedules referred to herein ("Quotation"). "Agreement" is this Quotation (including line/catalog details included herein) and either: (i) the Governing Agreement identified below; or (ii) if no Governing Agreement is identified, the GE HealthCare Terms and Conditions and Warranties that apply to the Products and/or Services identified in this Quotation.

GE HealthCare can withdraw this Quotation at any time before Customer: (i) signs and returns this Quotation or (ii) provides evidence of Quotation acceptance satisfactory to GE HealthCare ("Quotation Acceptance"). On Quotation Acceptance, this Agreement is the complete and final agreement of the parties relating to the Products and/or Services identified in Quotation. There is no reliance on any terms other than those expressly stated or incorporated by reference in this Agreement and, except as permitted in this Agreement, no attempt to modify will be binding unless agreed to in writing by the parties. Modifications may result in additional fees and cannot be made without GE HealthCare's prior written consent.

Handwritten or electronic modifications on this Agreement (except an indication of the form of payment, Customer purchase order number and signatures on the signature blocks below) are void.

Governing Agreement:	HealthTrust Diagnostic Imaging
Terms of Delivery	FOB Destination
Billing Terms	80% delivery or Shipment / 20% Acceptance or Installation
Payment Terms	NET 30
Sales and Use Tax Exemption	No Certificate on File
Total Quote Net Selling Price	\$1,394,786.32

IMPORTANT CUSTOMER ACTIONS:

Please select your planned source of funds. Source of funds is assumed to be cash unless you choose another option. Once equipment has been shipped, source of funds changes cannot be allowed.

- Cash
 GE HFS Loan GE HFS Lease
 Other Financing Loan Other Financing Lease Provide Finance Company Name _____

The parties have caused this Agreement to be executed by their authorized representative as of the last signature date below.

Hugh Chatham Memorial Hospital

Signature: _____

Print Name: _____

Title: _____

Date: _____

Purchase Order Number, if applicable

GE Precision Healthcare LLC

Signature: Bob Garlington

Title: Account Manager - VASO Mfr Rep

Date: March 21, 2024

Document Instructions

Please sign and return this quotation together with any Purchase Order(s) to:

Name: Bob Garlington

Email: bob.garlington@gehealthcare.com

Phone: +1 8653122474

Fax:

Payment Instructions

Please **remit** payment for invoices associated with this quotation to:

GE Precision Healthcare LLC

P.O. Box 96483

Chicago, IL 60693

FEIN: 83-0849145

Vendor Number: 902900

Hugh Chatham Memorial Hospital

Bill To: HUGH CHATHAM MEMORIAL HOSPITAL

Ship To: HUGH CHATHAM MEMORIAL HOSPITAL

Addresses:

HUGH CHATHAM MEMORIAL HOSPITALACCOUNTS PAYABLE PO
BOX 560 ELKIN NC 28621-0560

HUGH CHATHAM MEMORIAL HOSPITAL 180 PARKWOOD DR ELKIN
NC 28621-2430

To Accept This Quotation

- Please sign the quote and any included attachments (where requested).
- Source of Funds (choice of Cash/Third Party Loan or GE HFS Lease Loan or Third Party Lease through _____), must be indicated, which may be done on the Quote Signature Page (for signed quotes), or the Purchase Order (where quotes are not signed) or via a separate written source of funds statement (if provided by GE HealthCare).
- If your purchasing process requires a purchase order, please make sure it includes:
 - The correct Quote number and Version number above
 - The correct Remit To information as indicated in "Payment Instructions" above
 - Your correct SHIP TO and BILL TO site name and address
 - The correct Total Price as indicated above

Evidence of the agreement to contract terms. Either: (a) the quotation signature filled out with signature and P.O. number; or (b) Verbiage on the purchase order stating one of the following:

- (i) "Per the terms of Quotation # _____";
- (ii) "Per the terms of GPO # _____";
- (iii) "Per the terms of MPA# _____"; or
- (iv) "Per the terms of SAA # _____".

Catalog Item Details

Line	Qty	Catalog	Pricing Non-Disclosure Language		
1.	1.00	Y0000LC			
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$0.00	0.00%	\$0.00
					<u>Net Price</u>
					\$0.00

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.

Line	Qty	Catalog	SIGNA™ Artist 1.5T MR30		
2.	1.00	S7530GL			
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$1,375,000.00	64.94%	\$1,375,000.00
					<u>Net Price</u>
					\$482,107.29

The SIGNA™ Artist 1.5T 70cm wide-bore magnetic resonance system is designed to enable you to deliver both clinical excellence and operational efficiency while changing the MR experience for your patients and staff. With SIGNA™ Artist, put your patients at ease from start to finish with feet-first or head-first entry, Comfort Tilt head and neck positioning as well as free-breathing, motion-forgiving and noise reduced exams. For your staff, simplify and accelerate the scanning process from set-up to acquisition to post-processing with access to an extensive range of clinical imaging and advanced visualization capability.

S7530GL comprises the foundation system electronics and collector kits, calibration phantoms, LDC monitor as well as the eXpress patient table, PA, HNU and split-top head coil. This enhanced edition of SIGNA™ Artist also provides supplementary advanced applications that further extend clinical capability and performance.

- eXpress Patient Table
- TDI PA Posterior Array
- Head Coil Suite: TDI HNU and Split-top T/R Head Coil
- SIGNA™Works Clinical Toolkit Extensions
- SIGNA™Works Advanced Recon, Acceleration, Applications

EXPRESS DETACHABLE PATIENT TABLE

SIGNA™ Artist eXpress Patient Table is a crucial part of AIR™ Workflow. The eXpress table is a mobile patient transport device that houses the TDI Posterior RF Array and touch sensitive IntelliTouch land-marking. The fully detachable table is easily docked and undocked by a single operator and moved in and out of the exam room for patient transport and preparation. The eXpress table and embedded PA coil are designed to accommodate head-first or feet-first imaging for all supported exams.

- Maximum patient weight for scanning: 500 lbs
- Maximum patient weight mobile: 500 lbs
- Maximum patient weight for lift: 500 lbs
- 205 cm symmetrical scan range
- Automated vertical and longitudinal power drive
- Fast longitudinal speed: 30 cm/second
- Slow longitudinal speed: 0.5 cm/second
- Integrated arm boards & non-ferrous IV pole
- IntelliTouch & laser land-marking

- Laser alignment land-marking

TDI POSTERIOR RF ARRAY

The TDI 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. The PA coil is designed to be used in conjunction with the HNU, Anterior Array (sold separately) and the PV Array (sold separately). The PA coil is embedded in the Express detachable table and is invisible to additional surface coils when they are placed directly on top of the surface.

- Elements: 40
- Length: 100 cm; Width: 40cm
- S/I coverage: 100cm head-first or feet-first
- Parallel imaging in all three scan planes
- Head-first or feet-first positioning

HEAD COIL SUITE

The TDI Head and Neck Unit and a split-top T/R head coil are included in this configuration of SIGNA™ Artist.

The TDI Head and Neck Unit comprises a baseplate and anatomically optimized Neuro-vascular, Cervical and Open-face array adapters. The upper end of the HNU can be elevated to enhance patient comfort and access. The TDI HNU is designed to be used in conjunction with the TDI Posterior Array (sold separately) and the AIR™ AA or TDI Anterior Array (sold separately).

- HNU Elements: up to 28 when combined with the PA and AA
- Length: 49.5 cm; Width: 38.8 cm
- Height with Neuro-Vascular Array: 36.8 cm
- Height with Cervical Array: 33.6 cm
- Height with Open Face Adapter: 25.7 cm
- S/I coverage: up to 50 cm with the PA and AA
- Parallel imaging in all three scan planes

SIGNA™Works CLINICAL TOOLKIT EXTENSIONS

The SIGNA™Works clinical imaging tools are organized and optimized to address six clinical work areas: NeuroWorks, OrthoWorks, BodyWorks, OncoWorks, CVWorks and PaedWorks. This offering of SIGNA™ Artist extends the clinical utility and performance of these core toolkits with:

- eDWI enhanced diffusion with Multi-B value and SmartNEX
- DTI diffusion tensor imaging
- FiberTrak post-processing for diffusion tensor to display white matter tracking
- 3D SWAN 2.0 GRE-based multi-echo susceptibility imaging including phase image
- Inhance 2.0 non-contrast MRA suite (3D velocity, 2D inflow, inflow IR, and Deltaflow)
- TRICKS dynamic contrast enhanced, multiphase 3D MRA
- MAVRIC SL 3D FSE-based spectral imaging for MR-Conditional implants
- CartiGram T2 cartilage mapping
- IDEAL FSE 3-point Dixon fat-water separation
- Flex 2-point Dixon fat-water separation for 2D FSE, 3D Cube and GRE
- Cine IR fast gradient echo with IR-prep pulse
- 2D PS MDE phase sensitive tissue characterization with wide bandwidth suppression and single-shot
- Black Blood SSFSE single-shot FSE-based imaging with double IR and triple IR
- StarMap iron assessment for liver and heart (acquisition)

SIGNA™Works ADVANCED RECON, ACCELERATION, APPLICATIONS

SIGNA™Works innovations are designed to enable you to expand your imaging services and deliver on the most complex exams

for the most challenging patients with both clinical excellence and efficiency. This offering of SIGNA™ Artist delivers deep-learning based reconstruction and workflow, hyper-acceleration techniques, advanced diffusion techniques as well as advanced applications for MSK imaging, body imaging, cardiac imaging, vessel wall imaging and motion reduction.

- 2D and 3D AIR™ Recon DL Reconstruction
- AIRx™ Auto Graphic Prescription
- HyperWorks Acceleration
- DiffusionWorks Advanced Diffusion
- DISCO, DISCO Star and IDEAL IQ Body Imaging
- Silent Suite and oZTEo MR Bone Imaging
- CardioMaps and Advanced CVWorks Cardiac Imaging
- 3D PROMO Prospective Motion Correction
- Cube MDSE vessel wall imaging

AIR™ Recon DL

AIR™ Recon DL is a deep-learning based reconstruction algorithm applied to the raw scan data to improve SNR and image sharpness. This propriety technique improves image quality at the foundational level by removing image noise and ringing artifacts while enabling shorter scan times. With AIR™ Recon DL:

- Remove noise in images through trained deep learning algorithms
- Enhance productivity by enabling shorter scan times
- Eliminate Gibbs and truncation artifacts with intelligent ringing suppression
- Deliver sharper, clearer and accurate MR images
- Apply a tailored level of AIR™ Recon DL based on preference
- Visualize AIR™ Recon DL images directly at the MR console without reconstruction delays

This configuration provides the 2D and 3D suites of AIR™ Recon DL capability and requires the MR30 software platform (sold separately) and the Gen7 DL image reconstruction computer (sold separately).

- AIR™ Recon DL 2D
- AIR™ Recon DL 2D PROPELLER
- AIR™ Recon DL 3D

AIRx™ Auto Graphic Prescription

Change the way you prescribe brain and knee exams. AIR x™ Auto Graphic Prescription uses deep learning algorithms, instead of an atlas-based method, to identify anatomical structures and prescribe slice locations for brain and knee exams. As a result of the deep learning algorithms, AIRx™ automatically adapts slice prescriptions to various patient anatomies and structures to enable consistency and productivity for slice positioning from technologist to technologist, patient to patient and the same patient overtime.

HyperWorks Acceleration

Advance your acceleration capability. The HyperWorks toolkit comprises a new generation of acceleration tools that employ a variety of optimized approaches to accelerate imaging for a broad range of exams.

- HyperSense 2.0 compressed sensing
- HyperCube tailored RF
- HyperBand simultaneous slice excitation
- HyperMAVRIC SL accelerated spectral imaging

DiffusionWorks Advanced Diffusion

Extend diffusion capability. The Diffusion Package delivers techniques that reduce distortion, correct for motion and increase spatial resolution and performance for diffusion and diffusion tensor imaging.

- PROGRES distortion and motion correction for diffusion
- MUSE multi-shot high-resolution diffusion
- FOCUS DWI 2D slice-selective high-resolution diffusion
- MAGIC DWI diffusion-based synthetic multiple b-value imaging

DISCO, DISCO Star and IDEAL IQ

Go fast with detail. Go breath-hold free. DISCO and DISCO Star enable high-speed dynamic, multi-phase T1 imaging while also enabling high spatial resolution. DISCO enables short breath-hold imaging or free-breathing with Auto-body Navigators. DISCO Star enables free-breathing by utilizing an in-plane radial acquisition to address motion.

Assess liver triglycerides. IDEAL IQ utilizes a multi-echo 3D gradient echo technique to separate fat-water. The water and fat images then produce the fat fraction map, a relative measure of the quantity of fat to total signal (water and fat signal combined) at each voxel in the image.

- DISCO high-resolution permeability imaging
- DISCO Star free-breathing permeability imaging
- LAVA Star free-breathing imaging
- IDEAL IQ liver triglyceride assessment

SILENT Suite and oZTEo MR Bone Imaging

Address noise and motion. Silent Suite comprises the 3D SILENZ Zero-TE sequence and Silent PROPELLER. SILENZ 3D uses high bandwidth excitation and reduced gradient switching to deliver sound levels near ambient while Silent PROPELLER uses a modified gradient waveform approach to reduce acoustic levels to less than 11dB above the ambient room noise while retaining the motion insensitivity of PROPELLER

Extend contrast capability. oZTEo MR Bone imaging utilizes the 3D SILENZ ZTE sequence to complement the conventional soft tissue exam with cortical bone surface information. Automated grayscale inversion provides positive bone contrast. The ZTE sequence can be used for 3D isotropic resolution with inherent motion insensitivity due to the radial acquisition technique. oZTEo can be used with any surface coil that is compatible with SCENIC and includes protocols for common joints such as hip, shoulder, wrist, ankle and knee.

CardioMaps and Advanced CVWorks Cardiac Imaging

Extend cardiac assessment capability. CardioMaps support detection of cardiac pathologies by quantitative measurement of T1 and T2 relaxation times. The T1 Mapping acquisition includes automatic motion correction that compensates for cardiac and/or respiratory motion, providing reliable results. T1 Mapping offers two methods of acquisition: Inversion-recovery Look-Locker with FIESTA readout (MOLLI) for apparent T1 (T1*) measurements or saturation-recovery SMART1Map for true T1 measurements.

FGRE Time Course and 3D Heart with Cine IR, 3D MDE and Cardiac Navigators add additional tools to the CVWorks toolkit for cardiac function, cardiac morphology, and tissue characterization.

- FGRE Time Course cardiac imaging
- Cine IR FGRE-based cine imaging with IR-prep pulse
- 3D Heart cardiac morphology imaging
- 3D MDE tissue characterization
- Cardiac Navigators

3D PROMO Motion Correction

Correct for motion prospectively on 3D imaging. 3D PROMO prospective motion correction uses a real-time 3D navigator-based technique to correct for motion, and is compatible with 3D Cube T2W, DIR and T2 FLAIR contrasts.

CUBE Vessel Wall Imaging

MR Vessel Wall Imaging is enabled with 3D Cube MSDE (Motion Sensitive Driven Equilibrium). The MSDE preparation pulse suppresses flowing blood signal for better vessel wall contrast and depiction of plaque, also known as black-blood imaging. The velocity suppression target (cm/s) and the applied MSDE direction is user selectable. Cube MSDE is compatible with HyperSense and ASPIR fat saturation.

For a period of 3 years from Equipment Acceptance, GE Healthcare will provide Customer (as part of the Equipment warranty) with the following software changes to the extent they maintain existing software features of the Equipment and are made generally available to GE Healthcare's installed customer base as part of warranty: (i) updates, which consist of error corrections or modifications; (ii) interface modifications; and (iii) security patches that have been validated by GE Healthcare to be compatible with the Equipment. Software upgrades (including revisions or enhancements to (i) the Equipment's software or (ii) separately licensed Software), which improve or expand existing software features and are made generally available for purchase under a separate GE Healthcare license, are excluded. Additional hardware required to implement the software changes are excluded. GE Healthcare remote connectivity to the Equipment is required per GE Healthcare terms and conditions.

PLEASE NOTE:

The SIGNA™ Artist system comprises several essential elements that are described and quoted separately. These elements include:

- SIGNA™ Artist Magnet, RF, and Gradient Assembly
- SIGNA™Works MR30.1 Software and Clinical Applications Toolkits
- Host PC and Operator Console (GOC)
- Image Reconstruction Computer (ICN)
- AIR™ or TDI Anterior Array

Line	Qty	Catalog		
3.	1.00	M7088PC	Wired Fiber-Optic ECG Gating	
			List Price	Discount
			\$0.00	0.00%
			Extended List Price	Net Price
			\$0.00	\$0.00

Electrical impulses cause the heart to contract and, therefore, blood to flow throughout the body. The electrical activity of the heart can be detected by measuring the voltage difference between electrodes attached to the patient. The voltage differences can be mapped by an ECG and the resulting ECG waveform can be used during cardiac gating/trigging to reduce pulsatile cardiac motion by synchronizing data acquisition to the cardiac cycle. The ECG gating devices are safe for patients due to the fiber-optic technology.

Line	Qty	Catalog		
4.	1.00	M7130HD	SIGNA™ ARTIST 1.5T MAGNET, RF and GRADIENT ASSEMBLY	
			List Price	Discount
			\$1,185,000.00	64.94%
			Extended List Price	Net Price
			\$1,185,000.00	\$415,488.83

The magnet, RF-architecture and gradient technology on SIGNA™ Artist are designed to deliver the signal-to-noise, dynamic range, spatial resolution, and temporal resolution needed to enable demanding clinical applications with exceptional image quality, operational excellence, and patient comfort.

TECHNOLOGY FOUNDATION

- Magnet and Enclosures
- TDI RF-Receive Technology
- XRMw Gradient Technology
- Quiet Acoustic Reduction Technology

MAGNET and ENCLOSURES

The SIGNA Artist 1.5T system features a wide bore magnet that delivers a large field of view. The magnet geometry has been optimized to reduce patient anxiety by providing more space in the bore and more exams with the patient's head outside of the magnet. The 55cm field of view (50cm in Z direction) provides uniform image quality and can reduce exam times since fewer acquisitions may be necessary to cover large areas of anatomy. Complemented by GE's active shielding technology, the Artist has very flexible installation specifications to provide easy siting, and with zero-boil-off magnet technology, helium refills are effectively eliminated, thus reducing operating costs and maximizing uptime.

- Manufactured by GE Healthcare.
- Operating field strength 1.5T (63.86 MHz).
- Active magnet shielding
- Zero boil-off Cryogenics.
- Magnet length 179cm.
- Patient Aperture 76 cm.
- Patient Bore Diameter 70cm.
- Patient Bore Length 105cm.

Magnet homogeneity with typical ppm and Guaranteed ppm shown. (DSV = Diameter Spherical Volume).

- 10cm DSV 0.007 and 0.02.
- 20cm DSV 0.035 and 0.06.
- 30cm DSV 0.10 and 0.15.
- 40cm DSV 0.33 and 0.43.
- 45cm DSV 0.88 and 1.0.
- 48cm DSV 1.75 and 2.0.
- 50cm DSV 2.8 and 3.3.

Fringe field (axial x radial):

- 5 Gauss = 4.0 m x 2.5 m.
- 1 Gauss = 5.8 m x 3.2 m.

TOTAL DIGITAL IMAGING

SIGNA™ Artist features the Total Digital Imaging RF-architecture with a 64-channel configuration. The TDI RF-architecture uses a Direct Digital Interface (DDI) to convert the signal from each coil element to a digitized signal (there is no mixing of signal from multiple elements to the same digitizer) to deliver high signal, low noise with extended dynamic range or gray-scale capability.

- 64ch Total Digital Imaging (TDI)
- Direct Digital Interface (DDI)

XRMw GRADIENT TECHNOLOGY

SIGNA™ Artist incorporates the latest MR gradient technology with the wide eXtreme Resonance Module (XRMw). The XRMw gradients deliver 44 mT/m peak amplitude, up to 200 T/m/s instantaneous peak slew-rate on each axis with unmatched fidelity, accuracy, and reproducibility (please refer to system datasheet for additional information). The XRMw gradients are water-cooled and equipped with integrated thermo-electric cooling panels to provide excellent stability and duty-cycle for gradient intensive applications.

- Peak amplitude per axis: 44 mT/m
- Up to 200 T/m/s instantaneous peak slew rate per axis
- Maximum FOV: 55 cm x 55 cm x 50 cm
- Duty Cycle: 100%

ACOUSTIC REDUCTION TECHNOLOGY

GE has implemented Quiet Technology on critical components of the SIGNA™ MR system to reduce acoustic noise and improve the patient environment. This technology enables full use of the UHE Gradient Platform for excellent image quality, while maintaining a safe environment for the patient. The technology encompasses the gradient coil, RF body coil, and magnet mounting. Quiet acoustic reduction uses 5 levels of isolation, dampening and gradient optimization technology to mitigate vibration and mute sound.

- Gradient & RF coil isolation – isolates the resonance module from the magnet
- Vibro-acoustic isolation – isolates the magnet from the building
- Mass-damped acoustic barriers – further mutes sound
- Gradient waveform optimization – user selectable

Line	Qty	Catalog			
5.	1.00	M7132ST	MR 30.1 Software for SIGNA™ Artist		
		List Price	Discount	Extended List Price	Net Price
		\$85,000.00	64.94%	\$85,000.00	\$29,803.00

MR 30.1 for SIGNA™ delivers the foundational operating software, pulse sequence families, clinical applications toolkits, and visualization toolkits as well as acceleration and motion correction tools. MR 30.1 for SIGNA™ software features several new enhancements that improve Exam, Patient Setup and Scanning workflows.

MR 30.1 for SIGNA™ is the latest platform software to bring the highest performance to SIGNA™ MR. MR 30.1 introduces several base security, workflow and image quality enhancements, as well as enabling GE Healthcare's the latest innovations in Deep Learning Reconstruction*. Each scanner running MR 30.1 Platform will enjoy industry-leading cybersecurity features* by upgrade to Secure Scientific Linux (SLES 15), enabling the latest features for securing the scanner against bad actors and other threats for years to come. MR 30.1 software brings in additional workflow efficiency, including a new Window Width/Window Level feature that applies consistent levels across all images in the database; simplified setup for Automatic Phase Correction; an improved phase correction algorithm for LAVA FLEX* images and a Motion Compensation option when using Cardiac T1-Mapping applications such as FIESTA. The system will also now support a system preference to set the orientation of axial Breast images. Systems already equipped with HyperSense* will see the feature expanded to support SWAN and Contrast Enhanced MRA applications. The MR 30.1 for SIGNA™ software release brings AIR™ Recon DL* 3D, motion-insensitive PROPELLER and a host of additional applications such as DTI, FSE Flex, CartiGram, as well as phase sensitive MDE and MoCo MOLLI T1 mapping for cardiac imaging.

(* indicated applications may be purchasable options for certain regions and systems).

The latest enhancements include several key improvements to Exam, Patient Setup and Scanning workflows:

- Split Exam create/assign separate exam number for a sub-set of series
- AIR™ Recon smart algorithm for brain, MSK, body, cardiac, PROPELLER MB and FOCUS DWI imaging
- Whole-Body automated multi-station localizer and auto pasting
- Whole-Body automated multi-station FSE-IR, 3D SPGR and DWI imaging
- SnapShot SSFSE multi-slice per breath-hold imaging
- Cube flexibility for modifying/reducing scan time
- Dynamic phase correction for FSE imaging
- Uniformity optimization for large FOV body diffusion
- Flexible ZIP allows for flexible resolution by percentage to enhance the sharpness while decreasing the scan time

EXPRESS EXAM WORKFLOW

MR 30.1 for SIGNA™ workflow tools comprise the modality worklist, protocol libraries, workflow manager, auto-functions, inline viewing and inline processing. Together these tools are designed to help change the way you work by simplifying and accelerating the scanning process from set-up to acquisition to post-processing. With MR 30.1, workflow can begin before the patient enters the magnet room and exams can be completed with a few mouse clicks delivering quality and consistency for all patients and from all technologists. At the same time, MR 30.1 workflow maintains the flexibility needed to rapidly adapt and optimize exams for specific patient situations.

MR30.1 Workflow delivers new capabilities that speed set-ups for all exams and streamline scanning for multi-station and combination exams. With MR30.1 Workflow, scan set-up starts with Modality Worklist, an automated method to obtain patient, exam and protocol information from a DICOM work-list server. For sites with full DICOM connectivity, once a patient has been selected from the Modality Worklist, the In-Room Operator Console will automatically highlight the relevant exam details. The Modality Worklist enables complete control of the MR protocol prescription, but also reduces work by allowing the MR protocol to be selected and linked to the patient record in advance of the patient's arrival.

Protocol Tools enable exam automation while also giving the user complete control of protocols for prescription, saving, searching, and sharing. Protocols are organized in two libraries: GE Optimized (preloaded protocols) and Site Authored (customized and saved). Protocols can be saved based on patient demographics, anatomy, scan type, or identification number for rapid search and selection. Commonly used protocols can be flagged as favorites for quick selection from the Modality Worklist.

In addition to pre-programmed protocols, ProtoCopy enables a complete exam protocol to be shared with the click of a mouse. GE protocols provided with the system include Protocol Notes designed to guide the user through the procedure. For special applications, Protocol Notes also include video guides with step-by-step video-based demonstration and instruction. Protocol Notes can be edited by the user to reflect protocol modifications to aid communication among users.

With the patient positioned, IntelliTouch and AIR Touch™ together simplify coil selection to one touch and one click. AIR Touch™ automatically determines coil element locations based on the IntelliTouch landmark and intelligently generates the coil configuration with elements activated to optimize image quality for coverage, uniformity, and parallel imaging acceleration factor.

At the console, the MR 30.1 WorkFlow Manager implements the selected protocol. The Workflow Manager controls location prescription, acquisition, processing, visualization, and networking, and can fully automate these steps, if requested by the user. Once the target anatomy has been prescribed, the Linking feature can be used to translate appropriate parameters to all subsequent series that have been linked, eliminating the need for further action by the user.

When selected, AutoStart will automatically initiate the localizer, coil selection, series-to-series scanning, multi-station scanning, prescription of scan plans for brain exams, as well as delivered instructions to the patient.

- Pause and Resume allows the user to pause a scan in progress (even in automated mode), to respond to a patient need, and then resume mid-scan without starting the scan over.
- For breath-hold scanning, Auto Protocol Optimization provides automated alternative choices for spatial resolution and breath-hold time based on the original protocol. Technologists are liberated from troublesome scan time and image quality adjustments by selecting from pre-calculated options determined by the system.
- Whole Body Localizer automates the acquisition and pasting of multi-station scans for planning, and Whole-Body Imaging enables automated multi-station scanning with FSE-IR, 3D SPGR and DWI diffusion contrasts.
- Once scanning and processing are complete, Split Exam provides the capability to extract a subset of series from multi-station and combination exams to create/assign a separate exam number for accession numbers in billing and PACS systems.

Inline Processing automatically completes post-processing steps for the user after the images have been reconstructed and saved into the database. For certain tasks, such as vascular segmentation, the user must accept the results, or complete additional steps prior to saving the images to the database. These automated processing steps can be saved to the (scan) protocol to ensure consistent output and workflow:

- Diffusion weighted series: automatic compute and save
- Diffusion tensor series: automatic compute and save
- eDWI: automatic compute and save
- Image filtering: automatic compute and save
- Maximum/Minimum Intensity Projection: automatic compute and save
- Pasting: automatic compute and save
- Reformat to orthogonal plane: automatic compute and save
- T2 map for cartilage: automatic compute and save
- 3D Volume Viewer: automatic load
- Image Fusion: automatic load
- Interactive Vascular Imaging: automatic load
- FiberTrak: automatic load
- Spectroscopy: automatic load

MR 30.1 for SIGNA™ TECHNOLOGIES

The acceleration, motion correction and tissue suppression technologies in MR 30.1 for SIGNA™ are designed to address overall workflow, rescans and scan time as well as the impact of challenging patients, challenging anatomy and challenging physiology.

Acceleration Technology

MR 30.1 for SIGNA™ delivers a suite of acceleration techniques designed to help address acquisition time.

- Smart Algorithm AIR™ Recon uses a smart reconstruction algorithm to address background noise and artifacts enabling enhanced image quality without the need for longer scan times and is compatible with critical imaging sequences including PROPELLER MB, 3D Cube, and FSE.
- ARC parallel imaging reduces scan time by using an adaptive auto-calibrating (data-driven) technique to selectively acquire data. As a result, ARC enables smaller FOV prescription with less sensitivity to motion and coil calibration artifacts.
- ASSET parallel imaging reduces scan time using an array spatial sensitivity (image driven) technique. ASSET takes advantage of the data produced by the multiple coil elements to reduce the total data needed to create an image.
- Flexible No Phase Wrap reduces scan time by reducing the number of increments acquired to address wrap-around based on a flexible user-selectable factor.
- Fraction NEX reduces scan time by reducing the number of data averages.

Motion Correction Technology

Enable free-breathing body exams and address the effects of motion with patient-adaptive technologies that proactively detect and correct for motion without hardware dependencies or the need for user intervention.

- Auto Body Navigators deliver real-time, respiratory motion compensated imaging for a broad range of sequences, including T1w dynamic contrast-enhanced imaging. Auto Body Navigators use a software-based tracking pulse that is automatically placed for the user and allows on-the-fly adjustment to adapt to challenging patient circumstances, again without the need for hardware.
- PROPELLER MB combines radial acquisition and motion correction post-processing to mitigate the effects of motion without the need to position the patient over a sensor. PROPELLER MB can be used to generate T1, T2, PD, T1 FLAIR, and T2 FLAIR contrasts and is compatible with Auto Body Navigators to enable usage for a broad range of exams. With MR 30.1 for SIGNA™, PROPELLER MB motion correction benefits from AIR™ Recon smart algorithm image quality.

Tissue Suppression Technology

Modify the contribution of fat or water signal with multiple tissue suppression techniques.

- FatSat uses a frequency selective pulse to target and suppress the signal from fat
- WaterSat frequency selective water suppression
- STIR inversion pulse fat or water suppression

- SPECIAL frequency selective fat suppression
- ASPIR spectrally selective fat suppression
- Flex 2-point Dixon techniques to separate fat and water signals

MR 30.1 for SIGNA™ CLINICAL APPLICATIONS

MR 30.1 for SIGNA™ clinical imaging tools are organized and optimized to address six clinical work areas: NeuroWorks, OrthoWorks, BodyWorks, OncoWorks, CVWorks and PaedWorks. Each clinical toolkit comprises pre-programmed protocols, clinical applications and visualization tools designed for the challenges of each imaging area. The resulting capability starts with simplified prescription and protocol set-up. Imaging capability extends to patient management and clinical workflow enhancements. Post-processing capability augments the portfolio with specialized tools designed to speed the review and processing tasks typically performed.

NeuroWorks Toolkit

- READYBrain auto-align for automated brain exam prescription
- PROPELLER MB motion robust radial-FSE with T1, PD, T2, T2 FLAIR, T1 FLAIR with STIR and ASPIR
- PROPELLER DW Duo FSE-based diffusion with susceptibility reduction
- 3D Cube 2.0 FSE-based imaging with T1, T2, T1 FLAIR, T2 FLAIR and STIR
- 3D Cube Dual Inversion Recovery for gray or white matter nulling
- 3D COSMIC modified steady state imaging
- 2D/3D MERGE T2* multi-echo fast gradient echo imaging
- 3D BRAVO IR prepared fast SPGR imaging with concentric k-space filling
- 3D MP-RAGE IR prepared fast SPGR imaging with sequential k-space filling
- 3D FIESTA and 3D FIESTA-C fast steady state imaging
- PSIR – Phase Sensitive Inversion Recovery
- BrainStat GVF and AIF parametric maps
- READYView and BrainView post-processing which include time series, DWI/ADC maps, DTI, variable echo, BOLD, and spectroscopy (SV, 2D, 3D)

OrthoWorks Toolkit

- FSE and frFSE fast spin echo imaging suites with dynamic phase correction
- High Bandwidth distortion reduction for FSE
- FatSat, STIR, SPECIAL, ASPIR, Spectral Spatial fat-suppression tools
- MARS High Bandwidth distortion reduction for FSE
- PROPELLER MB motion robust radial FSE with T1, PD, T2 and Fat Suppression (STIR and ASPIR)
- 3D Cube 2.0 FSE-based imaging with T1, T2, and STIR
- 3D COSMIC modified steady state imaging
- 2D/3D MERGE T2* multi-echo fast gradient echo imaging
- MENSA NERVE for optimized nerve contrast
- READYView post-processing

BodyWorks Toolkit

- Auto Navigators diaphragm tracker for free-breathing scanning
- PROPELLER MB motion robust radial FSE with T1 and Fat Suppression (STIR and ASPIR)
- 3D Cube FSE-based imaging with T1, T2, and STIR
- 3D Dual Echo gradient echo in/out phase imaging
- 3D LAVA and Turbo LAVA with Turbo ARC and SPECIAL for dynamic or single-phase imaging (breath-hold or free-breathing)
- 3D MRCP frFSE imaging
- 2D Fat Sat FIESTA fast steady state imaging
- Enhanced SSFSE Snapshot multi-slice imaging
- Whole-Body multi-station localizer and pasting
- Whole-Body multi-station FSE-IR, 3D SPGR and DWI imaging
- Multiphase DynaPlan

- SmartPrep automated bolus detection
- Fluoro Trigger real-time bolus monitoring

OncoWorks Toolkit

- Auto Navigators diaphragm tracker for free-breathing scanning
- PROPELLER MB motion robust radial-FSE with T1, PD, T2, T2 FLAIR, T1 FLAIR with STIR and ASPIR
- PROPELLER DW Duo FSE-based diffusion imaging with susceptibility reduction
- 3D Cube 2.0 FSE-based imaging with T1, T2, T1 FLAIR, T2 FLAIR and STIR
- 3D Cube Dual Inversion Recovery for gray or white matter nulling
- 3D BRAVO IR prepared fast SPGR imaging with concentric k-space filling
- 3D MP-RAGE IR prepared fast SPGR imaging with sequential k-space filling
- Enhanced SSFSE Snapshot multi-slice imaging
- Whole-Body multi-station localizer and pasting
- Whole-Body multi-station FSE-IR, 3D SPGR and DWI imaging
- 3D LAVA and Turbo LAVA with Turbo ARC and SPECIAL for dynamic or single-phase imaging (breath-hold or free-breathing)
- Multiphase DynaPlan
- SmartPrep automated bolus detection
- Fluoro Trigger real-time bolus monitoring
- READYView, BrainView and BodyView post-processing

CVWorks Toolkit

- Auto Navigators diaphragm tracker for free-breathing scanning
- iDrive for free breathing cardiac planning
- 2D FIESTA Cine gated steady-state, multi-phase imaging
- 3D FS FIESTA steady-state imaging with Fat Sat
- 2D/3D Time-Of-Flight & 2D Gated Time-of-Flight
- 2D/3D Phase Contrast & Phase Contrast Cine
- SmartPrep automated bolus detection
- Fluoro Trigger real-time bolus monitoring
- 3D QuickStep automated multi-station imaging
- READYView post-processing

PaedWorks Toolkit

- PROPELLER MB motion robust radial-FSE with T1, PD, T2, T2 FLAIR, T1 FLAIR with STIR and ASPIR
- 3D Cube 2.0 FSE-based imaging with T1, T2, T1 FLAIR, T2 FLAIR and STIR
- 3D Cube Dual Inversion Recovery for gray or white matter nulling
- 3D COSMIC modified steady state imaging
- 2D/3D MERGE T2* multi-echo fast gradient echo imaging
- 3D BRAVO IR prepared fast SPGR imaging with concentric k-space filling
- 3D MP-RAGE IR prepared fast SPGR imaging with sequential k-space filling
- 3D FIESTA and 3D FIESTA-C fast steady state imaging
- Auto Navigators diaphragm tracker free-breathing scanning
- 3D LAVA and Turbo LAVA with Turbo ARC and SPECIAL for dynamic or single-phase imaging (breath-hold or free-breathing)
- 3D LAVA GRE 2-point Dixon fat-water separation for dynamic or single-phase imaging (breath-hold or free-breathing)
- Enhanced SSFSE Snapshot multi-slice imaging
- BrainStat GVF and AIF parametric maps
- READYView and BrainView post-processing

READYView Advanced Visualization

READYView is an MR 30.1 advanced visualization tool designed to simplify the quantitative analyses of multiple data sets. READYView automatically selects the most relevant post-processing protocol for the user and provides guided workflow and general assistance for the processing algorithms. In addition, the user can customize workflows with adjustable layouts,

personalized parameter settings and custom review steps. Key capabilities of READYView include the ability to analyze, export and save:

- Time series
- Diffusion weighted series
- Diffusion tensor series
- Variable echo series
- Blood oxygen level dependent (BOLD) series fMRI processing
- Spectroscopy data (single voxel and 2D or 3D CSI)
- MR Touch (MR elastography) series

Line	Qty	Catalog			
6.	1.00	M71014ED	SIGNA_LX1.MR30.1 eDelivery item - Artist		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$0.00	0.00%	\$0.00
					<u>Net Price</u>
					\$0.00

Software eDelivery is used to associate the MRI scanner with GE HealthCare's remote software delivery infrastructure. No items are being delivered physically or electronically. (For tracking purpose only – non purchasable catalog)

Line	Qty	Catalog			
7.	1.00	M7088GC	SIGNA™ Artist MR30 GOC		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$50,000.00	64.94%	\$50,000.00
					<u>Net Price</u>
					\$17,531.17

Computing Platform

The MR30 upgrade takes SIGNA™ Artist to the latest computing performance level that utilizes a parallel, multi-processor design to enable simultaneous scanning, reconstruction, filming, post-processing, archiving and networking. The host computer uses the SuSe Linux Enterprise Server operating system and a single tower configuration. (The reconstruction engine is sold separately and offers a choice of performance levels.)

Host PC Platform – Intel Xeon W-2123 CPU

- Memory: 64 GB
- Hard Disk Storage: 1024 GB SSD
- Media Drives: CD/DVD

Line	Qty	Catalog			
8.	1.00	M7080MX	Gen 7 DL Performance ICN		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$62,500.00	64.94%	\$62,500.00
					<u>Net Price</u>
					\$21,913.97

Computing Platform and DICOM Conformance

SIGNA™Works MR systems enhance data reconstruction with the Orchestra platform and Smart AIR™ Recon. The Orchestra computing toolbox enables the integration of advanced reconstruction elements to support demanding, data-intensive, applications as well as access to the reconstruction algorithms. AIR™ Recon uses a smart reconstruction algorithm that reduces background noise and artifacts enhancing image quality without the need for longer scan times.

- Reconstruction Engine: Gen7 Dual Intel Xeon Gold 5118 processor
- Memory: ≥128 GB
- Hard Disk Storage: 960 GB SSD
- 2D FFT/second (256 x 256 Full FOV): 63,000 2D FFT/second
- Orchestra reconstruction toolbox
- AIR™ Recon reconstruction

SIGNA™Works MR systems generate MR Image, Secondary Capture, Structured Report, and Gray Scale Softcopy Presentation State DICOM objects. The DICOM networking supports both send and query retrieve as well as send with storage commit to integrate with PACS archive. Refer to the DICOM Compliance Statement for details.

Line	Qty	Catalog			
9.	1.00	M7006VF	SIGNA Artist 96-Channel Option		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$250,000.00	64.94%	\$87,655.87

SIGNA Artist 96-Channel Option

Line	Qty	Catalog			
10.	1.00	S7530AZ	Preinstallation Collector and Cable Concealment Kit		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$104,000.00	64.94%	\$36,464.84

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 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.

Line	Qty	Catalog			
11.	1.00	M6001AA	Vent Adapter, Standard 8" Straight Up		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$0.00	0.00%	\$0.00

Vent Adapter, Standard 8" Straight Up

Line	Qty	Catalog			
12.	1.00	M7088CA	Artist/Artist EVO System Cables, Config A: Short Scan Room, Short Equipment Room		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$50,000.00	64.94%	\$17,531.17

Artist/Artist EVO System Cables, Config A: Short Scan Room, Short Equipment Room

Line	Qty	Catalog			
13.	1.00	M8686SR	Gradient Cable Kit Placeholder – Scan Room		

List Price	Discount	Extended List Price	Net Price
\$7,500.00	64.94%	\$7,500.00	\$2,629.68

Gradient Cable Kit Placeholder – Scan Room

Line	Qty	Catalog			
14.	1.00	M8686EQ	Gradient Cable Kit Placeholder – Equipment Room		
List Price		Discount	Extended List Price	Net Price	
\$7,500.00		64.94%	\$7,500.00	\$2,629.68	

Gradient Cable Kit Placeholder – Equipment Room

Line	Qty	Catalog			
15.	1.00	M7100ZA	Main Disconnect Panel		
List Price		Discount	Extended List Price	Net Price	
\$12,000.00		21.00%	\$12,000.00	\$9,480.00	

Main Disconnect Panel

Line	Qty	Catalog			
16.	1.00	M1000MW	Operator Console Table		
List Price		Discount	Extended List Price	Net Price	
\$2,550.00		64.94%	\$2,550.00	\$894.09	

The Operator Console Table is designed specifically for the color LCD monitor and keyboard.

Line	Qty	Catalog			
17.	1.00	M3335JZ	English Keyboard		
List Price		Discount	Extended List Price	Net Price	
\$0.00		0.00%	\$0.00	\$0.00	

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.

Line	Qty	Catalog			
18.	1.00	R32052AC	MR Service Key Class A2 Warranty 1 year		
List Price		Discount	Extended List Price	Net Price	
\$0.00		0.00%	\$0.00	\$0.00	

The Standard Service 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.

Line	Qty	Catalog			
19.	1.00	S7529SK	BREAST IMAGING WITH 16CH ARRAY FOR 1.5T - NeoCoil		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$180,000.00	64.94%	\$180,000.00
					<u>Net Price</u>
					\$63,112.23

The breast imaging package combines VIBRANT acquisition with the 1.5T 16ch breast array by NeoCoil to enable imaging and MR-guided biopsy of the breast. VIBRANT delivers simultaneous bilateral breast imaging capability with high spatial and high temporal resolution in either the axial or sagittal plane. In addition, VIBRANT combines dual-shim volume ability with the choice of SPECIAL fat suppression or Flex fat-water separation for robust fat suppression. The 16ch breast coil is designed to be used in conjunction with VIBRANT for imaging the breast, axilla and chest wall at 1.5T. The coil is a phased array with 16-channel receive and is designed to accommodate various anatomic shapes and sizes while providing enhanced SNR and parallel imaging performance. The 16ch breast array supports both diagnostic and biopsy imaging.

- 3D VIBRANT bilateral axial or sagittal breast imaging
- 16-channel breast phased array for 1.5T by NeoCoil

Line	Qty	Catalog			
20.	1.00	M7006NB	1.5T 30-channel AIR Anterior Array		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$213,900.00	64.94%	\$213,900.00
					<u>Net Price</u>
					\$74,998.36

The 30-channel AIR Anterior Array (AIR AA) is the next generation anterior array coil that allows flexibility in all directions to conform to the patient's anatomy. Based on the innovative technologies behind the Inca conductor and the Emode electronics, the AIR AA provides uncompromised SNR and acceleration performance, while improving the overall patient and user experience. The coil has been designed to adapt various patient shapes and sizes, with an ultra-light weight distribution. The AIR AA can be used for torso, cardiac, abdomen, prostate, pelvis, hip, whole-body and peripheral vascular examinations, in conjunction with other coils.

On SIGNA Artist requires DV27 software or higher.

Line	Qty	Catalog			
21.	1.00	M7006CE	1.5T 16-Channel T/R Hand-Wrist Coil		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$70,000.00	64.94%	\$70,000.00
					<u>Net Price</u>
					\$24,543.64

The 1.5T 16-Ch T/R Hand Wrist Coil is a transmit and receive MRI RF coil intended for obtaining diagnostic images of patient hand and wrist anatomies. The coil consists of two saddle coils driven in quadrature capable of both transmitting and receiving, along with an array of sixteen surface receive elements. The transmit coil consists of two orthogonal saddles, which is a volume transmit coil for transmitting RF magnetic field into human tissue during transmit phase, and can function as a receive coil for receiving MRI signal from human tissue during receive phase. The device includes two rigid, plastic bases which the coil can be attached to and removed as desired. One positions the coil for horizontal wrist imaging, and one positions the coil for vertical wrist imaging. In the horizontal position, position of the coil can be adjusted along the base to accommodate imaging of either the left or right hand. Foam pads are also provided as accessories to aid in patient immobilization, anatomy positioning, and to enhance patient comfort.

Compatible only with MR systems that have 32-channels or more. Not compatible with 16-channel systems. Requires software 26.0 R02 or higher for DV products and 26.2 or higher for Voyager.

Line	Qty	Catalog			
22.	1.00	S7529QT	1.5T AIR™ MP Arrays and 16CH T/R Knee		

List Price	Discount	Extended List Price	Net Price
\$239,000.00	64.94%	\$239,000.00	\$83,799.01

This promotional coil package comprises:

- Large and Medium Multi-Purpose AIR™ Coils with coil positioner kit
- 16ch T/R Knee Array

The 21-channel 1.5T AIR™ MP Large and the 20-channel 1.5T AIR™ MP Medium Arrays utilize innovative AIR™ Coil technologies to expand positioning versatility, enhance patient and user experience, and deliver high performance acceleration and image quality.

These next generation multipurpose coils are designed to conform to various patient shapes and sizes and allow positioning in any direction. AIR™ MP Coil Large Array is recommended for use for Shoulder, Knee, Foot, Ankle, Hip, and Prostate imaging, and the AIR™ MP Coil Medium is recommended for Wrist, Elbow, and Cardiac Imaging.

The AIR™ MP Coil Positioner Kit provides a knee positioner, a foot-ankle positioner, a wedge pad, a U-shaped pad, and a strap kit. The Positioner Kit is compatible with both AIR™ MP Large and Medium Coils for positioning.

The 16-channel 1.5T Knee coil is a transmit/receive phased array design optimized for high resolution imaging of the knee with parallel imaging acceleration in 3 directions to address acquisition time. The coil is sized to accommodate a broad range of patient sizes and features a two-part design to address workflow. Offset imaging is fully supported with adjustable left-right coil positioning.

Line	Qty	Catalog		
23.	1.00	E8912CA	Dimplex MR Heat Exchanger 49kW - Standard Ambient Temp	
List Price		Discount	Extended List Price	Net Price
\$56,250.00		21.00%	\$56,250.00	\$44,437.50

GE HealthCare is pleased to offer chillers from the Glen Dimplex Group designed to meet the needs of your MR System.

This chiller is highly reliable and is verified to perform with 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.

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.

FEATURES

- Designed to provide stable fully dedicated cooling for your MR system's needs
- Water/glycol outdoor-air-cooled chiller to support your highest exam volumes and your full range of diagnostic procedures
- Redundant fluid pumps with automatic switchover let you keep operating with no loss of cooling even if one pump goes down
- Environmentally friendly and non-ozone harming refrigerant R407C
- This vented chiller is easier to commission than a pressurized system
- Installation support includes support through GE HealthCare's Project Manager of Install, Design Center, and remote technical support from Dimplex
- Comprehensive and quality service rapidly delivered through our CARES service solution

INCLUSIONS and OPTIONS

- Pre-mixed 50/50 glycol/distilled water provided for initial fill

- Remote display panel (included) provides the ability to monitor the system’s operation from the control room
- Filter kit with flow meter (included) helps to ensure purity of water prior to entry to the MR system
- A manual cryogen compressor water bypass is optionally available (Catalog #E8911CG)
- Highly recommend a Vibration Isolation Spring Kit for systems that will be rooftop mounted (Catalog # E8911CJ)
- The Long-Distance Remote Display upgrade (Catalog # E8911CF) is required when there is more than 150 feet between the Chiller and the control room

WARRANTY

12 months from successful startup
 Includes on-site labor, parts, 1 start-up visit and 2 preventative maintenance visits

SPECIFICATIONS

- Net Cooling Capacity: 49 kW at 120 F
- Nominal Supply Pressure: 70 Psi (4.8 Bar)
- Refrigerant: R407C
- Ambient Temp Range: -22 to 122 F (-30 to 50 C)
- Supply Voltage: 460v / 3 phase / 60 Hz
- Coolant Connections: 2" NPTF
- Width: 44.0 in (1118 mm)
- Depth: 134.5 in (3417 mm)
- Height: 87.7 in (2454 mm)
- Operational Weight: 4300 lbs (1950 kg)
- Filters: 50 micron cartridge filters

COMPATIBILITY:

- GE HealthCare SIGNA Artist 1.5T MR system
- GE HealthCare Optima MR450w 1.5T MR system

NOTES:

- Item is NON-RETURNABLE and NON-REFUNDABLE
- NOTE: Item is NON-RETURNABLE and NON-REFUNDABLE

Line	Qty	Catalog			
24.	1.00	E8911CG	Manual Cryogen Compressor Water Bypass		
			<u>List Price</u>	<u>Discount</u>	<u>Extended List Price</u>
			\$6,250.00	21.00%	\$6,250.00
					<u>Net Price</u>
					\$4,937.50

GE MR Heat Exchanger Manual Cryogen Compressor Water Bypass Option

Add a level of magnet protection with a Manual Cryogen Compressor Bypass. In case of a power failure, you can cycle municipal or facility water through the cryogen compressor and reduce cryogen loss and reduce the likelihood of quenching.

FEATURES AND BENEFITS

- Easy to install and simple to use
- Helps switch over water supply to your cryogen compressor in the event of loss of power to reduce cryogen loss
- Includes fluid supply pressure gauge, temperature gauge and flow rate meter for easy verification of operation
- Manual operation reduces unintentional switch-overs and coolant dumping during brown-outs and supply power glitches

COMPATIBILITY

Must be used with a GE MR Heat Exchanger:

- E8911CA
- E8911CB
- E8911CC
- E8911CD
- E8912CA
- E8912CB
- E8912CC
- E8912CD

NOTE: Item is NON-RETURNABLE and NON-REFUNDABLE

Line	Qty	Catalog		
25.	1.00	E8802MC	MR Signa Wide Security Straps	
			<u>List Price</u>	<u>Discount</u>
			\$100.00	21.00%
			<u>Extended List Price</u>	<u>Net Price</u>
			\$100.00	\$79.00

Wide security strap set - includes one strap with Velcro and one strap with plastic buckle; 14 in. wide. For use with GE Signa MR systems.

Line	Qty	Catalog		
26.	1.00	E8802MD	MR Signa Narrow Security Straps	
			<u>List Price</u>	<u>Discount</u>
			\$100.00	21.00%
			<u>Extended List Price</u>	<u>Net Price</u>
			\$100.00	\$79.00

Narrow security strap set - includes one strap with Velcro and one plastic buckle; 6 in. wide. For use with GE Signa MR systems.

Line	Qty	Catalog		
27.	1.00	E9200AB	MR Fast Start Package	
			<u>List Price</u>	<u>Discount</u>
			\$2,040.00	21.00%
			<u>Extended List Price</u>	<u>Net Price</u>
			\$2,040.00	\$1,611.60

MR Fast Start Package includes:

- 4 E8801BA Disposable Earplugs
- 1 E8807AB Signa Log Books
- 1 E8819RG Conmed Electrodes
- 1 E8802MC Wide Security Straps
- 1 E8802MD Narrow Security Straps
- 1 E8801MR Head Coil Set
- 2 E8819A MR Warning Sign - Large
- 10 E8819B MR Warning Sign - Small
- 1 E8804EG MR Safety DVD

Line	Qty	Catalog		
28.	1.00	W0301MR	TIP MR 1.5T Training Program	
			<u>List Price</u>	<u>Discount</u>
			\$94,286.00	64.94%
			<u>Extended List Price</u>	<u>Net Price</u>
			\$94,286.00	\$33,058.89

This training program is designed for customers purchasing a GEHC 1.5T MR system. GEHC will work with the designated

Customer contact to agree upon a reasonable training schedule for a pre-defined group of core technologists that will leverage blended content delivery and may include a combination of onsite days and virtual offerings, to include TiP Virtual Assist, the GEHC Answerline and available on-demand courses ("Virtual Inclusions"). This blended curriculum with multiple delivery platforms promotes learner retention and allows for an efficient and effective skill development.

This program may contain:

- Onsite training (generally 12 days)
- Virtual Inclusions may include:
 - Remote instructor-led training: Instructor leads a remote training session one-on-one or in a group, typically for 1 hour
 - Answerline Support-Access to GEHC experts for clinical, non-emergency applications assistance via phone or by using the iLinq button on the imaging console
 - Tip Virtual Assist-Direct interactive access to a GEHC expert for enhanced support.
 - On Demand courses-On healthcare learning system. Self-paced courses and webinars (CE and non-CE).

Training will be delivered at a mutually agreed upon time between the customer and GE Healthcare (excluding GE Healthcare holidays and weekends), are subject to availability and generally will not exceed 15 days. This training program has a term of twelve (12) months commencing on Acceptance, where all onsite training must be scheduled and completed within twelve (12) months of Acceptance and all Virtual Inclusions also expire at the end of such twelve (12) month period. Additional onsite days may be available for purchase separately.

All GEHC "Training" terms and conditions apply. Given the unique nature of this program, if this program is purchased as part of a purchase under a Governing Agreement, including any Master Purchase Agreement, Group Purchasing Organization Agreement, or Strategic Alliance Agreement, this program shall take precedence over any conflicting training deliverables set forth therein.

Total Quote List Price: **\$4,052,976.00**
Total Quote Discount: **64.11%**
Total Quote Subtotal: **\$1,454,786.32**

Qty	Credits and Adjustments	
1.00	Siemens_1_5T_Avanto_16_CH Trade-in	\$-60,000.00

Total Quote Net Selling Price **\$1,394,786.32**

**ENSURE REQUISITION/PURCHASE ORDER IS ISSUED TO:
 GE PRECISION HEALTHCARE
 TAX ID (83-0849145)**

If applicable, for more information on this devices' operating system, please visit GE HealthCare's product security portal at: <https://securityupdate.gehealthcare.com/en/products>

Optional Items

Please initial the Catalogs you wish to purchase

Catalog Number	Qty.	Description	Net Price	Initial
M7100SG	1.00	1.5T 16-channel Shoulder Coil by NeoCoil The 1.5T Shoulder Coil by NeoCoil consists of a soft and light anterior array paired with a formed posterior array that together are designed to aid flexible patient positioning and heightened comfort. The coil is a phased array design with 16-channel receive and parallel imaging compatibility to also deliver enhanced SNR and speed for shoulder imaging at 1.5T.	\$32,535.00	_____
		<ul style="list-style-type: none"> • Elements: 16 • Dimensions: 28.2 cm x 35.3 cm x 18.2 cm • Weight: 3.0 kg • Parallel imaging compatible 		

Catalog Number	Qty.	Description	Net Price	Initial
E88221XA	1.00	Medrad MRXperion injector on pedestal mount The Medrad® MRXperion™ MR Injection System is a smart performer in the MR suite, delivering contrast fluid and data management.	\$50,675.34	_____
		<p>Streamlined Injection Workflow</p> <ul style="list-style-type: none"> • Less time preparing for the injection and more time to focus on the patient and optimize procedure management. <p>Convenience at Point of Care</p> <ul style="list-style-type: none"> • On-board eGFR and Weight Based Dosing • Calculators, an Injection Pressure Graph, • Independent Test Inject and KVO functions. <p>Real-time Support</p> <ul style="list-style-type: none"> • Connect to VirtualCare® Remote Support* for advanced injector system diagnostics, seamless <p>Improved Efficiencies</p> <ul style="list-style-type: none"> • Snap-on/Twist-off Syringe Design • Auto plunger advance and retract when attaching and detaching syringes • Automatic filling and priming • Injection/post-injection reminders • Injection pressure graph <p>Reproducible Quality</p> <ul style="list-style-type: none"> • Proven track record of design and performance • On-site field service and VirtualCare® Remote Support* for advanced injection system diagnostics and real-time support <p>Personalized Care</p> <ul style="list-style-type: none"> • Patient-Centric workflow design • Protocol storage/retrieval 		

- On-board eGFR and Weight Based Dosing Calculators
- Injection enabled when head is tilted down

The MRXperion™ Injector package includes:

- Dual injector head on pedestal with integral double hook IV pole
- Scan room unit power supply with 40 ft. (12 m) DC cable
- Scan room fiber optic cable – 40 ft. (12 m)
- Control room fiber optic cable - 150 ft. (45 m)
- Fiber optic quick disconnect panel
- Fiber optic penetration panel kit
- Control room unit (display and pod) with hand-switch
- Display and pod power supplies
- CAT5 cable (display to pod) - 1 ft. (0.3m)
- CAT5 cable (pod to hospital network) - 25 ft. (7.6m)
- Power cords - North America and Japan (3 each), 10 ft. (3 m)
- Power cords – International (3 each), 10 ft. (3 m)
- Operators manual (English)
- Multi-lingual Operators manual CD
- Quick guides (English) for injector and hanger
- Installation manual (English)
- Service manual and schematics manual CDs (English)
- Warranty packet
- Installation, customer's operational training at time of installation, and one year full on-site warranty in Bayer service countries
- LAN port for VirtualCare Remote Service

An optional penetration panel filter kit E88221XC is intended to be used for an alternate installation of the power supply of the MEDRAD® MRXperion™ Injection System outside of a MR scan room.

System Specifications

System Capabilities

- Syringe Capacities:
- Syringe A: 65ml
- Syringe B: 115ml
- Programmable volume range (ml):
- Syringe A: 0.5 ml to max syringe volume in 0.1 ml increments from 0.5 ml to 31 ml, 1ml increments above 31 ml
- Syringe B: 1 ml to max syringe volume in 1 ml increments
- Programmable flow rate range (ml/sec)
- 0.01 to 10 ml/s in 0.01 ml/s increments between 0.01 and 3.1 ml/s
- 0.1 ml/s increments between 3.1 and 10 ml/s
- KVO (Keep Vein Open): 6 factory presets of 0.25 ml every 15, 20, 30, 45, 60 or 75 sec
- Test Inject: configurable from 0.5 ml to 20 ml in 0.1 ml increments
- Pressure range (psi): 6 factory presets from 100 to 325 PSI (690 to 2240 kPa)
- Injection / Post Injection Reminders: up to 5 settings of 1 sec to 20 minutes in 1 sec increments
- Injection protocol storage: 60 protocols up to 6 phases each
- Injection Hold / Pause: up to 20 minutes in 1 sec increments
- eGFR Calculator
- For adults: MDRD, Cockcroft-Gault, Modified Cockcroft-Gault and CKD-EPI methods
- For children: Bedside Schwartz method
- Weight Based Dosing Calculator: user Configurable
- Remote Service Capability: with optional VirtualCare Remote Support

Dimensions and Weight

Control Room Unit

- 15.58" (39.58 cm) W
- 12.71" (32.28 cm) H
- 10.23" (25.98 cm) D
- 17.6 lbs (8.0 kg)

- Scan Room Unit
- 23.30" (59.0 cm) W
 - 71.40" (181.0 cm) H
 - 23.30" (59.0 cm) D
 - 95.7 lbs (43.4 kg)

- Power Supply
- 7.60" (19.0 cm) W
 - 3.40" (9.0 cm) H
 - 15.40" (39.0 cm) D
 - 5 lbs (2.3 kg)

- Electrical
- Voltage Requirements
 - 100-240 VAC
 - 50/60 Hz
 - 120VA - 210VA

Catalog Number	Qty.	Description	Net Price	Initial
E88221XC	1.00	Penetration Panel for MEDRAD MRXperion injector The penetration panel filter kit is intended to be used for an alternate installation of the power supply of the MEDRAD® MRXperion™ Injection System outside of a MR scan room. Penetration panel filter kit option includes: <ul style="list-style-type: none"> • Filter assembly • Mounting/centering ring • Mounting screws • Conductive O-ring (pre-installed on the filter) • Power supply cable - 10 ft. (3 m) • Installation instructions 	\$2,133.00	_____

Trade-in Addendum to GE HealthCare Quotation

This Trade-In Addendum (“Addendum”), effective on March 21, 2024, between the GE HealthCare business identified on the Quotation and **Hugh Chatham Memorial Hospital/** (“Customer”), is made a part of Quotation # **2009072551.21** ^ dated March 21, 2024 (“Quotation”) and modifies it as follows:

A. Customer: (i) certifies that it has full legal title to the equipment and/or mobile vehicle (“mobile vehicles” are defined as any systems requiring a vehicle title) listed in Section E (“Trade-In Equipment”), free and clear of all liens and encumbrances; (ii) conveys title and, if applicable, registration and license documents to GE HealthCare effective on the date of removal or receipt of the Trade-In Equipment (mobile vehicles will not be removed from Customer site until GE HealthCare has received a clean title signed over to GE HealthCare); and (iii) affirms that the Trade-In Equipment has never been used on or to provide care to animals. If GE HealthCare removes the Trade-In Equipment, it will do so at its expense at a mutually agreed time. Trade-In Equipment shall be removed no later than thirty days following installation of Customer’s new system, unless explicitly otherwise agreed to by the parties in writing.

Mobile vehicles must include the VIN# on this trade-in addendum: VIN# [insert Vin #]. Mobile vehicles must have a valid DOT sticker and be road worthy at the time GE HealthCare is to take possession of them in order for GE HealthCare to accept a mobile vehicle on trade-in. Any and all logos or hospital affiliation stickers must be removed (outside and inside) by Customer and Customer shall clean the mobile vehicle of all debris and medical supplies prior to removal of the mobile vehicle by GE HealthCare.

B. Customer is responsible for: (i) providing timely, unrestricted access to the Trade-In Equipment in a manner that affords GE HealthCare, or third-party purchaser of the Equipment through GE HealthCare, the ability to complete Equipment inspection and testing, and the ability to complete an operating system back-up prior to de-installation within the timeframe required by GE HealthCare or said third-party purchaser, failure of which to provide may result in termination of this Trade-in Addendum and related credits and/or payments; (ii) ensuring that the Trade-In Equipment and the site where it is located are clean and free of bodily fluids; (iii) informing GE HealthCare of site-related safety risks; (iv) properly managing, transporting and disposing of hazardous materials located on site in accordance with applicable legal requirements; (v) rigging, construction, demolition or facility reconditioning expenses, unless expressly stated otherwise in the Quotation; (vi) risk of loss and damage to the Trade-In Equipment until safety risks are remediated and the Trade-In Equipment is removed or returned; and (vii) for Trade-In Equipment that utilizes helium, ensuring sufficient helium for appropriate ramp down of the Trade-In Equipment. Customer is responsible for appropriately identifying and designating Trade-In Equipment for deinstallation and/or pick up by GE HealthCare. GE HealthCare is not liable for any Trade-In Equipment or other equipment that is removed from Customer’s facility due to Customer’s failure to properly identify and designate Trade-In Equipment for removal.

C. Prior to removal or return to GE HealthCare, Customer must: (i) remove all Protected Health Information as such term is defined in 45 C.F.R. § 160.103 (“PHI”) from the Trade-In Equipment; and (ii) indemnify GE HealthCare for any loss resulting from PHI not removed. GE HealthCare has no obligation in connection with PHI not properly removed.

D. GE HealthCare may in its sole discretion reduce the trade-in amount or decline to purchase the Trade-In Equipment and adjust the total purchase price of the Quotation accordingly if: (i) the terms of this Addendum are not met; (ii) Customer fails to provide access to the Trade-In Equipment as required herein; or (ii) the Trade-In Equipment is missing components or is inoperable and/or non-functioning when removed or returned, which includes situations where helium levels at ramp down are insufficient and cause the Trade-In Equipment to quench – Customer is required to confirm for GE HealthCare the operability of the Trade-In Equipment prior to the deinstallation of the Equipment; or (iii) as a result of Customer’s actions, deinstallation of the Trade-In Equipment does not occur within one year of the execution of this Trade-In Addendum or related Quotation. All other terms and conditions of the Quotation remain in full force and effect.

E. Trade-In Equipment:

	<u>Mfr</u>	<u>Model & Description</u>	<u>Quantity</u>	<u>System ID*</u>	<u>Amount (\$)</u>
1.		Siemens_1_5T_Avanto_16_CH Trade-in	1.00	Siemens_SN_25196	\$-60,000.00

This Addendum is executed when: (i) signed by the parties below; (ii) Customer receives this Addendum and signs the Quotation that references the Trade-In Equipment; or (iii) Customer receives this Addendum and issues a purchase order identifying either the terms of the Quotation (which includes a reference to the Trade-In Equipment) or the Governing Agreement identified on the Quotation as governing the order (PO# _____)†.

Hugh Chatham Memorial Hospital

GE HealthCare

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

^ A Quotation number must be provided on this document.

* In the event the Trade-In Equipment does not have a System ID, please record the serial number of each component that comprises the Trade-In Equipment.

† If you are relying upon the purchase order to reflect acceptance of the terms contained herein, please update this document with the applicable PO number upon receipt of the PO. Failure to do so may result in delays surrounding deinstallation of the System(s).

& The Trade-In Amount is based on expected trade-in within one (1) year of execution of this Trade-In Addendum. If the Trade-In does not occur within such year, GE Healthcare may adjust the Trade-In Amount or decline to purchase the Trade-In Equipment as set forth in Section (D) herein.

GPO Agreement Reference Information

Customer:	Hugh Chatham Memorial Hospital
Contract Number:	HealthTrust Diagnostic Imaging
Billing Terms:	80% delivery or Shipment / 20% Acceptance or Installation
Payment Terms:	NET 30
Shipping Terms	FOB DESTINATION

Offer subject to the Terms and Conditions of the applicable Group Purchasing Agreements currently in effect between GE HealthCare and HealthTrust Diagnostic Imaging

66705—Computed Tomography 66706—Magnetic Resonance Imaging 66707—Positron Emission Tomography 73600—Mammography 73602—Nuclear Medicine 79854—Radiographic and Fluoroscopic 79844—Interventional and Angiography 70089—Patient Monitoring, Cath and EP Labs

If applicable, for more information on this devices' operating system, please visit GE HealthCare's product security portal at: <https://securityupdate.gehealthcare.com/en/products>

**Projected Capital Cost Form
MRI Replacement Project**

Building Purchase Price	
Purchase Price of Land	
Closing Costs	
Site Preparation	
Construction/Renovation Contract(s)	\$748,290.00
Landscaping	
Architect / Engineering Fees	
Medical Equipment	\$1,394,786.32
Non-Medical Equipment (UPS)	\$68,335.00
Furniture	
Financing Costs	
Interest during Construction	
Other (specify) (Mobile Unit)	\$198,120.00
Total Capital Cost	\$2,409,531.32

CERTIFICATION BY A LICENSED ARCHITECT OR ENGINEER

I certify that, to the best of my knowledge, the projected capital cost for the proposed project is complete and correct.

_____ Date Signed: _____
Signature of Licensed Architect or Engineer

CERTIFICATION BY AN OFFICER OR AGENT FOR THE PROPONENT

I certify that, to the best of my knowledge, the projected total capital cost for the proposed project is complete and correct and that it is our intent to carry out the proposed project as described.

 Date Signed: 4/4/2024
Signature of Officer/Agent

Director of Imaging Services
Title of Officer/Agent

EQUIPMENT COMPARISON

	EXISTING EQUIPMENT	REPLACEMENT EQUIPMENT
Type of Equipment (List Each Component)	MRI Scanner	MRI Scanner
Manufacturer of Equipment	Siemens	GE
Tesla Rating for MRIs	1.5	1.5
Model Number	Magnetom Avanto 1.5T	Artist
Serial Number	25196	TBD
Provider's Method of Identifying Equipment	Serial Number	Serial Number
Specify if Mobile or Fixed	Fixed	Fixed
Mobile Trailer Serial Number/VIN #	n/a	n/a
Mobile Tractor Serial Number/VIN #	n/a	n/a
Date of Acquisition of Each Component	2004	TBD
Does Provider Hold Title to Equipment or Have a Capital Lease?	Title	Title upon acquisition
Specify if Equipment Was/Is New or Used When Acquired	New	New
Total Capital Cost of Project (Including Construction, etc.) <Use Attached Form>	NA	2,409,531.32
Total Cost of Equipment		1,394,786.32
Net Purchase Price of Equipment	NA	1,394,786.32
Locations Where Operated	HCH	HCH
Number Days In Use/To be Used in N.C. Per Year	365	365
Percent of Change in Patient Charges (by Procedure)	NA	No
Percent of Change in Per Procedure Operating Expenses (by Procedure)	NA	No
Type of Procedures Currently Performed on Existing Equipment	MRI Scans	NA
Type of Procedures New Equipment is Capable of Performing	NA	MRI Scans

From: [Mitchell, Micheala L](#)
To: [Stancil, Tiffany C](#)
Subject: FW: [External] exempt-email HCH Request for Exemption
Date: Thursday, April 4, 2024 1:35:04 PM
Attachments: [image001.png](#)
[HCMH CON Letter.doc](#)
[Attachment A Equipment Quote.pdf](#)
[Attachment B Projected Capital Cost Form.docx](#)
[Attachment C Equipment Comparison Form.docx](#)

Tiffany,

This exemption came in just now. I think it goes to Gloria while Yolanda is getting up to speed.

Thanks,
Micheala Mitchell, JD
[NC Department of Health and Human Services](#)
[Division of Health Service Regulation](#)
Section Chief, Healthcare Planning and CON Section
809 Ruggles Drive, Edgerton Building
2704 Mail Service Center
Raleigh, NC 27699-2704
Office: 919 855 3879
Micheala.Mitchell@dhhs.nc.gov

Don't wait to vaccinate. Find a COVID-19 vaccine location near you at [MySpot.nc.gov](#).
[Twitter](#) | [Facebook](#) | [Instagram](#) | [YouTube](#) | [LinkedIn](#)

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From: Missy Church <mchurch@hughchatham.org>
Sent: Thursday, April 4, 2024 1:27 PM
To: Mitchell, Micheala L <Micheala.Mitchell@dhhs.nc.gov>
Subject: [External] exempt-email HCH Request for Exemption

You don't often get email from mchurch@hughchatham.org. [Learn why this is important](#)

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Good Afternoon Ms. Mitchell,

I hope you are doing well.

Please see the attached documents requesting exemption from a CON for replacing the MRI Scanner at our facility.

Please let me know if I need to provide any additional information.

Thank you and have a great day!



Missy Church

HCH Director of Imaging Services

180 Parkwood Drive | Elkin, NC 28621 | 336-527-7398

mchurch@hughchatham.org | www.HughChatham.org

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