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

August 16, 2023

Robert A. Leandro
robbleandro@parkerpoe.com

Exempt from Review – Replacement Equipment

Record #:	**4254**
Date of Request:	July 31, 2023
Facility Name:	Frye Regional Medical Center
FID #:	943182
Business Name:	DLP Frye Regional Medical Center, LLC
Business #:	2331
Project Description:	Replace an existing fixed MRI scanner
County:	Catawba

Dear Mr. Leandro:

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 Signa Voyager MR30 fixed MRI scanner to replace the GE Signa HDxt fixed MRI scanner. 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,

Ena Lightbourne
Project Analyst

Micheala Mitchell
Chief

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

Parker Poe

Robert A. Leandro
Partner
Telephone: 919.835.4636
Direct Fax: 919.835.4614
robbleandro@parkerpoe.com

Atlanta, GA
Charleston, SC
Charlotte, NC
Columbia, SC
Greenville, SC
Raleigh, NC
Spartanburg, SC

July 28, 2023

ELECTRONIC MAIL

Micheala Mitchell, Chief
Healthcare Planning and Certificate of Need Section
North Carolina Department of Health and Human Services
Micheala.mitchell@dhhs.nc.gov

Re: **Prior Notice of the Acquisition of Replacement Equipment Exempt from CON Review**

Dear Ms. Mitchell:

Our firm represents DLP Frye Regional Medical Center, LLC, d/b/a Frye Regional Medical Center ("Frye"). This letter is intended to provide prior written notice to the Certificate of Need Section ("CON Section") that Frye is planning to replace its existing fixed MRI, which is located on its main campus. Frye requests confirmation that the acquisition described below is exempt from CON review.

Pursuant to N.C. Gen. Stat. § 131E-176(22a), replacement equipment is equipment that costs less than $3,000,000 and is purchased for the purposes of replacing comparable equipment currently in use. Replacement equipment is exempt from CON review. N.C. Gen. Stat. § 131E-184(a)(7). In situations where the replacement equipment costs $3,000,000 or more, the exemption still applies in instances where the equipment is located on a hospital's main campus. N.C. Gen. Stat. § 131E-184(f) and prior notice is given.

Frye currently operates a GE Signa HDxt MRI machine installed in 2007 on its main campus. The current MRI is reaching the end of its useful life. The new MRI equipment, a GE Signa Voyager MR30, will provide higher quality imaging and a better patient experience. The total costs associated with this replacement, including all costs that must be considered under N.C. Gen. Stat. § 131E-176(22a), is $2,590,000. A quote from GE Healthcare for the equipment is attached as **Exhibit A** and a breakdown of estimated total costs is attached as **Exhibit B**. The equipment being purchased is functionally similar to the MRI equipment that is being replaced. An equipment comparison chart is attached as **Exhibit C**. The old MRI will be de-installed and disposed of or traded in to GE. Based on these facts, the new MRI equipment meets the definition of replacement equipment found in the statute and should be exempt from CON review under N.C. Gen. Stat. § 131E-184(a)(7).

Should the cost of the project exceed $3,000,000, which is not currently anticipated, the replacement equipment would nevertheless be subject to the exemption found in N.C. Gen. Stat. § 131E-184(f) because the equipment at issue is located on Frye's main campus and the Department has previously issued a CON for the equipment.

Frye requests that the CON Section issue written confirmation that the replacement of its MRI is exempt from review based on the replacement exemption found in the CON Statute.

I greatly appreciate your attention to this matter. Please feel free to call me if you have any questions.

Sincerely,

Robert A. Leandro

Enclosures

A

GE Healthcare

January 23, 2023
Quote Number: **2005417541.12**
Customer ID: **1-23I7YB**
Agreement Expiration Date: **03/24/2023**

Frye Regional Medical Center Inc
420 N Center St
Hickory, NC28601-5033

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 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. In the event of conflict, the Quotation supersedes.

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 this 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:	LifePoint Corporate Services
Terms of Delivery	FOB DESTINATION
Billing Terms	80% delivery or Shipment / 20% Acceptance or Installation
Payment Terms	NET 30
Total Quote Net Selling Price	$1,385,527.73
Sales and Use Tax Exemption	No Certificate on File

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.

Frye Regional Medical Center Inc

Signature: _____

Print Name: _____

Title: _____

Date: _____

_____
Purchase Order Number, if applicable

GE Precision Healthcare LLC, a GE Healthcare business

Signature: Bob Garlington

Title: Account Manager - VASO Mfr Rep

Date: January 23, 2023

B

Conceptual CAMS Preview Notes

Project: Frye – MRI Replacement

Date: 4/21/23

1. Brief Description of Project:
   a. Renovate approx. 825 SF of an existing hospital MRI space to receive new equipment.

2. Estimated Cost: Total (plus/minus 10%) = $2,590K
   a. Purchase Price (Bldg, / Land) = $0
   b. Development Costs = $0
   c. Building Construction = $725K
   d. Professional Fees & Reimbursement = $87K
   e. Admin & Legal = $0
   f. Fixed/Moveable Equipment = $1,656K
   g. Telecommunications = $25K
   h. Capital Interest = $24K
   i. Contingency (10%) = $73K

3. Areas:
   a. New Construction = 0 SF
   b. Renovation = 825 SF

C

Equipment Comparison

	Existing Equipment	Replacement Equipment
Type of Equipment (List Each Component)	MRI	MRI
Manufacturer of Equipment	GE Healthcare	GE Healthcare
Tesla Rating for MRIs	N/A	N/A
Provider's Method of Identifying Equipment	Internal Asset #/ Serial #	Internal Asset #/ Serial #
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	January 2007	Not yet acquired.
Does Provider Hold Title to Equipment or Have a Capital Lease	Title	Title
Specify if Equipment Was/Is New or Used When Acquired	New, based on information available.	New
Total Capital Cost of Project (Including Construction, Etc.)	Unknown (acquired by prior hospital owner).	$2,590,000
Total Cost of Equipment	Unknown (acquired by prior hospital owner).	$1,656,000
Fair Market Value of Equipment	Unknown (acquired by prior hospital owner).	$1,656,000
Net Purchase Price of Equipment	Unknown (acquired by prior hospital owner).	$1,656,000
Locations Where Operated	Frye Regional Medical Center MRI Suite (Main Campus)	Frye Regional Medical Center MRI Suite (Main Campus)
Number of Days in Use/ To Be Used in N.C. Per Year	365	365
Percent of Change in Patient Charges (by procedure)	0%	0%
Percent of Change in Per Procedure Operating Expenses (by procedure)	0%	0%
Type of Procedures Currently Performed on Existing Equipment	Magnetic Resonance Imaging studies	N/A
Types of Procedures New Equipment is Capable of Performing	N/A	Magnetic Resonance Imaging studies

From:	Mitchell, Micheala L
To:	Stancil, Tiffany C
Subject:	FW: [External] - Prior Notice of the Acquisition of Replacement Equip. Exempt from CON Review - 07.28.2023.pdf (281.3 KB)
Date:	Monday, July 31, 2023 5:49:39 PM
Attachments:	Letter - Prior Notice of the Acquisition of Replacement Equip. Exempt from CON Review - 07.28.2023.pdf
Importance:	High

Hey! I hope you are well.

Would you mind logging this and assigning to Ena?

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

From: Leandro, Robert A. <robbleandro@parkerpoe.com>
Sent: Sunday, July 30, 2023 11:12 PM
To: Mitchell, Micheala L <Micheala.Mitchell@dhhs.nc.gov>
Subject: [External] - Prior Notice of the Acquisition of Replacement Equip. Exempt from CON Review - 07.28.2023.pdf (281.3 KB)
Importance: High

Micheala,

I hope you had a nice weekend. Please find attached a Replacement Exemption Request sent on behalf of our client Frye Regional. Should you have any questions, please let me know.

Robb

Robert Leandro
Partner

Find our latest health care analysis here

PNC Plaza | 301 Fayetteville Street | Suite 1400 | Raleigh, NC 27601
Office: 919.835.4636 | Fax: 919.834.4564 | map

Visit our website at
www.parkerpoe.com

GE Healthcare

January 23, 2023
Quote Number: **2005417541.12**
Customer ID: **1-23I7YB**
Agreement Expiration Date: **03/24/2023**

Frye Regional Medical Center Inc
420 N Center St
Hickory, NC28601-5033

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 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. In the event of conflict, the Quotation supersedes.

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 this 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:	LifePoint Corporate Services
Terms of Delivery	FOB DESTINATION
Billing Terms	80% delivery or Shipment / 20% Acceptance or Installation
Payment Terms	NET 30
Total Quote Net Selling Price	$1,385,527.73
Sales and Use Tax Exemption	No Certificate on File

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.

Frye Regional Medical Center Inc

Signature: _____

Print Name: _____

Title: _____

Date: _____

_____
Purchase Order Number, if applicable

GE Precision Healthcare LLC, a GE Healthcare business

Signature: Bob Garlington

Title: Account Manager - VASO Mfr Rep

Date: January 23, 2023

GE Healthcare

January 23, 2023
Quote Number: **2005417541.12**
Customer ID: **1-23I7YB**
Agreement Expiration Date: **03/24/2023**

To Accept This Quotation

Please sign and return this quotation together with your Purchase Order to:

Name: Bob Garlington
Email bob.garlington@ge.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

Addresses:

Frye Regional Medical Center Inc

Bill To:	FRYE REGIONAL MEDICAL CENTER INC	FRYE REGIONAL MEDICAL CENTERINC PO BOX 249 HICKORY NC 28603-0249
Ship To:	Frye Regional Medical Center Inc	420 N Center St, Hickory, NC, US, 28601-5033

To Accept This Quotation

- Please sign the quote and any included attachments (where requested).
- If requested, please indicate your form of payment.
- If you include a purchase order, please make sure it references the following information:
  - 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

Upon submission of a purchase order in response to this quotation, GE Healthcare requests the following to evidence agreement to contract terms: Signature page on quote filled out with signature and P.O. number **** OR**** Verbiage on the purchase order must state 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 # _____.

Include applicable quote/agreement number with the reference on the purchase order. In addition, Source of Funds (choice of Cash/Third Party Load 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)."

GE Healthcare

January 23, 2023
Quote Number: **2005417541.12**
Customer ID: **1-23I7YB**
Agreement Expiration Date: **03/24/2023**

Catalog Item Details

Line	Qty	Catalog			
1.	1.00	Y0000LC	Pricing Non-Disclosure Language		
List Price		Discount	Extended List Price		Net Price
$0.00		0.00%	$0.00		$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			
2.	1.00	S7529WM	SIGNA™ VOYAGER 1.5T 49CH MR SYSTEM		
List Price		Discount	Extended List Price		Net Price
$1,530,000.00		67.00%	$1,530,000.00		$504,900.00

The AIR™ IQ Edition of the SIGNA™ Voyager 1.5T 70cm wide-bore magnetic resonance system was designed to enable you to deliver both clinical excellence and operational efficiency while addressing the cost of ownership for 1.5T wide-bore technology. With SIGNA™ Voyager simplify and accelerate the scanning process from set-up to acquisition to post-processing for your technical staff, with access to an extensive range of clinical imaging and advanced visualization capability for your clinicians.

The SIGNA™ Voyager system catalog comprises the system and site collector kits and the core RF coil suite.

In addition, the SIGNA™ Works AIR™ IQ Edition provides supplemental advanced applications as well as specialized applications, including AIR™ Recon DL, that extend and enhance the clinical capability and operational performance of the SIGNA™Works toolkits (quoted and described separately). This enhanced edition of SIGNA™ Voyager also provides a 49-channel upgrade for the TDI RF-receive architecture:

- TDI 49-channel Upgrade
- TDI HNU and PA Coil Suite
- Advanced Applications Toolkits
- AIR™ IQ Edition Applications

TOTAL DIGITAL IMAGING (TDI) and RF COIL SUITE

This offering of SIGNA™ Voyager features the Total Digital Imaging RF-architecture with a 49-channel configuration. The SIGNA™ Voyager coil suite is designed to enhance patient comfort and image quality while simplifying workflow. The suite includes:

- (1) TDI Posterior Array
- (1) TDI Head-Neck Unit

The TDI Posterior Array is designed to simplify workflow and enhance efficiency for the technologist. The PA coil is embedded in the patient table (sold separately) and can be used in conjunction with the HNU (included) and the Anterior Array (sold separately). Whole-body imaging and parallel imaging in 3 directions are supported. In addition, the system will automatically select the appropriate subset of coil elements based on the prescribed FOV and is invisible to additional surface coils when they are placed directly on top of the surface.

- Elements: 32
- Length: 120.5 cm; Width: 48.6 cm
- S/I coverage: 113 cm
- Parallel imaging in all three scan planes

The TDI Head and Neck Unit comprise the baseplate and the anatomically optimized Neuro-vascular array and the Open-face array. The superior end of the HNU can be elevated to enhance patient comfort and access. The HNU is designed to be used in conjunction with the TDI Posterior Array and the Anterior Array (sold separately). Parallel imaging in 3 directions is supported.

- Elements: up to 24 combined with TDI PA and TDI AA
- Length: 53 cm; Width: 35 cm
- Height with NV Array: 35 cm
- Height with Open Array: 25.7 cm
- Parallel imaging in all three scan planes

SIGNA™WORKS ADVANCED APPLICATIONS

The SIGNA™Works AIR™ IQ Edition 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. In addition, the SIGNA™ Works AIR™ IQ Edition provides advanced applications that extend and enhance the clinical capability and performance of the SIGNA™Works toolkits (quoted and described separately).

Advanced Application for NeuroWorks

- 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
- PROBE PRESS SV brain spectroscopy
- Inhance 2.0 non-contrast MRA suite (3D velocity, 2D inflow, inflow IR, and Deltaflow)

Advanced Applications OrthoWorks

- MAVRIC SL 3D FSE-based spectral imaging for MR-Conditional implants with T1, PD, T2 and STIR
- CartiGram T2 cartilage mapping

Advanced Applications for BodyWorks

- 3D LAVA GRE 2-point Dixon fat-water separation for dynamic or single-phase imaging (breath-hold or free-breathing)
- IDEAL FSE 3-point Dixon fat-water separation
- Flex 2-point Dixon fat-water separation for 2D FSE, 3D Cube and GRE
- Inhance 2.0 non-contrast MRA suite with 3D velocity, 2D inflow, inflow IR and Deltaflow
- StarMap iron assessment for liver and heart (acquisition)

Advanced Applications for OncoWorks

- eDWI enhanced diffusion with Multi-B value and SmartNEX
- 3D LAVA GRE 2-point Dixon fat-water separation for dynamic or single-phase imaging (breath-hold or free-breathing)

Advanced Applications for CVWorks

- Cine IR fast gradient echo with IR-prep pulse
- 2D MDE IR-prep and gated, fast gradient echo imaging with wide bandwidth suppression and single-shot
- 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)
- TRICKS dynamic contrast enhanced, multiphase 3D MRA
- Inhance 2.0 non-contrast MRA suite with 3D velocity, 2D inflow, inflow IR and Deltaflow

Advanced Applications PaedWorks

- 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
- PROBE PRESS SV brain spectroscopy
- MAVRIC SL 3D FSE-based spectral imaging for MR-Conditional implants with T1, PD, T2 and STIR

- 3D LAVA GRE 2-point Dixon fat-water separation for dynamic or single-phase imaging (breath-hold or free-breathing)
- Inhance 2.0 non-contrast MRA suite with 3D velocity, 2D inflow, inflow IR and Deltaflow
- Cine IR fast gradient echo with IR-prep pulse
- 2D MDE IR-prep and gated, fast gradient echo imaging with wide bandwidth suppression and single-shot
- 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)

AIR™ IQ EDITION APPLICATIONS

In addition to the supplemental advanced applications for the NeuroWorks, OrthoWorks, BodyWorks, OncoWorks, CVWorks and PaedWorks toolkits, this configuration of SIGNA™ Voyager further expands and enhances clinical imaging capability with special AIR™ Edition applications:

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

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 automatically identify anatomical structures and prescribe slices 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.

AIR™ RECON DL

Level up your imaging. AIR™ Recon DL is a deep learning-based reconstruction algorithm that utilizes a trained neuro network to remove noise and ringing artifacts from the raw scan data. As a result, AIR™ Recon DL delivers images with enhanced SNR and sharpness while also enabling the reduction in scan time and resulting exam time. AIR™ Recon DL is directly embedded in the reconstruction pipeline to address image quality at the foundation level to produce TrueFidelity images (and therefore is not a traditional filter or a post-processing technique).

- Intelligent pipeline reconstruction produces TrueFidelity images
- Reduces image noise at the foundation level
- Reduced Gibbs and truncation artifacts at the foundation level with intelligent ringing suppression
- Reduces scan time and resulting exam times
- Tailor level based on preference

ADVANCED DIFFUSION PACKAGE

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

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

DISCO STAR and DISCO

Go breath-hold optional. DISCO Star enables the of option of free-breathing dynamic abdominal imaging for patients with limited breath-hold capability or patients who are unable to follow breathing instructions. DISCO Star uses an in-plane radial acquisition trajectory to provide active motion compensation, without navigators or bellows, to address both set-up time and rescans due to motion artifacts. The offering also includes LAVA Star, which provides the same motion robust, free-breathing scan for single phase (pre-contrast or delayed) imaging.

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. (Refer to the data sheet for contrast-weighting details.)

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 TIME COURSE CARDIAC IMAGING

Extend 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 adds an additional tool to the CVWorks toolkit for myocardial tissue evaluation. FGRE Time Course is designed for first pass studies and integrates automatic motion correction (MoCo) that compensates for cardiac and/or respiratory motion providing reliable results.

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.

In addition, the SIGNA™ Voyager system comprises several essential elements described and quoted separately. These elements include:

- SIGNA™ Voyager Magnet, RF, and Gradient Assembly
- SIGNA™ Voyager AIR™ Edition Patient Table
- SIGNA™Works AIR™ IQ Edition Software and Clinical Applications Toolkits
- Host PC and Operator Console (GOC)
- Image Reconstruction Computer (ICN)
- Anterior Array Surface Coil

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.

Line	Qty	Catalog			
3.	1.00	M70079AE	SIGNA™WORKS AIR™ EDITION MR29.1		
List Price		Discount	Extended List Price		Net Price
$85,000.00		67.00%	$85,000.00		$28,050.00

The SIGNA™Works AIR IQ Edition is designed to change the way you work by simplifying and accelerating the scanning process from set-up to post-processing while delivering access to a broad range of clinical imaging capability. The SIGNA™Works AIR™ IQ Edition (MR29.1 software) delivers the foundational operating software, pulse sequence families, clinical applications toolkits, and visualization toolkits as well as acceleration and motion correction tools. The AIR™ IQ Edition of SIGNA™Works software features several new enhancements that improve Exam, Patient Setup and Scanning workflows:

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

The SIGNA™Works AIR™ IQ Edition 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 SIGNA™Works, 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, SIGNA™Works AIR™ workflow maintains the flexibility needed to rapidly adapt and optimize exams for specific patient situations.

AIR™ IQ Workflow delivers new capabilities that speed set-ups for all exams and streamline scanning for multi-station and combination exams. With AIR™ 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 AIR™ 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

SIGNA™WORKS AIR™ IQ EDITION TECHNOLOGIES

The acceleration, motion correction and tissue suppression technologies in the SIGNA™Works AIR™ IQ Edition 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

The AIR™ IQ Edition 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 the AIR™ IQ Edition, 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

SIGNA™WORKS AIR™ IQ EDITION CLINICAL APPLICATIONS

The SIGNA™Works AIR™ IQ Edition 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
- 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
- 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 while 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 while 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 a SIGNA™ Works AIR™ IQ Edition 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			
4.	**1.00**	**M70072MF**	**COMPUTING PLATFORM AND DICOM CONFORMANCE - T5820 GOC**		
List Price		**Discount**	**Extended List Price**		**Net Price**
$50,000.00		**67.00%**	**$50,000.00**		**$16,500.00**

The SIGNA™Works AIR™ IQ Edition computing platform utilizes a parallel, multi-processor design to enable simultaneous scanning, reconstruction, filming, post-processing, archiving and networking. The host PC operates on the Scientific Linux operating system and utilizes a single tower configuration. The computing platform also includes an LDC monitor and keyboard assembly with an integrated intercom speaker, microphone, volume controls, and emergency stop switch. Start scan, pause scan, stop scan and table advanced to center "hot" keys are also included.

Host PC Platform

- Operating System: Scientific Linux
- Memory: 64 GB
- Hard Disk Storage: 1024 GB SSD
- Media Drives: CD/DVD

SIGNA™ Voyager generates 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. Please refer to the DICOM Compliance Statement for details.

Line	Qty	Catalog			
5.	**1.00**	**M7079EB**	**Gen 7 DL Performance ICN**		
List Price		**Discount**	**Extended List Price**		**Net Price**
$62,500.00		**67.00%**	**$62,500.00**		**$20,625.00**

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-intense, 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

GE Healthcare

January 23, 2023
Quote Number: **2005417541.12**
Customer ID: **1-23I7YB**
Agreement Expiration Date: **03/24/2023**

• 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	
6.	1.00	S7528TB	**eXpress Detachable Patient Table and Dock Collector - AIR™ Edition**

List Price	Discount	Extended List Price	Net Price
$281,000.00	67.00%	$281,000.00	$92,730.00

SIGNA™ Voyager AIR™ Edition offers optionally a fully dockable eXpress Patient Table, which features the embedded Posterior Array (provided with the main system), helps improve exam efficiency, patient transportation workflow, and patient comfort.

• 250kg (550lbs) maximum patient weight for scanning
• 250kg (550lbs) maximum lift capacity
• 30 cm/sec (fast), 1.9 cm/sec (slow), 25 cm/sec (patient positioning) longitudinal speed
• 181 cm or 205 cm total scannable range (depend on the room size)
• 70 cm to 93 cm minimum to maximum height
• Head-first or feet-first imaging for most exams

The dock collector contains the hardware to dock the eXpress Patient Detachable Table to the system.

Line	Qty	Catalog	
7.	1.00	M6006HM	**SIGNA Voyager 1.5T AIR™ Edition IPM Magnet for Detachable Table**

List Price	Discount	Extended List Price	Net Price
$925,000.00	67.00%	$925,000.00	$305,250.00

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

TECHNOLOGY FOUNDATION

• Magnet and Enclosures
• TDI RF-Receive Technology
• UHE with IGC Gradient
• Quite Acoustic Reduction Technology

MAGNET and ENCLOSURES

To improve the patient experience and provide high image quality, no other component of an MRI system has greater impact than the magnet. The SIGNA Voyager 1.5T system features a wide bore magnet that delivers a large field of view and a robust fat saturation required for abdominal, breast and off-centered FOV musculoskeletal imaging. 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 50 x 50 x 50 cm field of view 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 SIGNA Voyager has very flexible installation specifications to provide easy siting. And with zero-boil-off magnet technology, helium refills are effectively eliminated even during installation, 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 Cryogens
• Magnet length 179cm
• Magnet Weight 7,275 lbs (3,300 kg)

- Patient Aperture 74 cm
- Patient Bore Diameter 70cm
- Patient Bore Length 163cm
- Maximum Field of View (x,y,z) 50 cm x 50 cm x 50 cm

Magnet Homogeneity: Typical ppm and Guaranteed ppm shown.

- 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

DSV = Diameter Spherical Volume.

Fringe field (axial x radial):

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

Touch screen Dual In-Room Displays (IRD)

By consolidating all controls into one place, the Dual In-Room Displays (IRD) provides real-time feedback to the operator to improve exam room efficiency. With an in-room display monitor available at either side of the magnet as standard, the technologist always has all the control he needs at his fingertips, irrespective of which side he is operating from. Further touch-screen capability makes the controls even more intuitive and easy to use. The display provides real time interaction with the scanner and the host computer. The user has direct control or selection of the following:

- Display of patient name, ID, study description
- Display and entry of patient weight
- Display and entry of patient orientation and patient position
- Cardiac waveform display and ECG/EKG lead confirmation with gating control: trigger select, invert and reset
- Respiratory waveform display

With AIR Touch™, you simply use IntelliTouch™, GE's 1-touch landmarking tool, to activate an optimized set of coils that is selected based on the patient's anatomy. This advanced technology selects from unlimited coil combinations such as the posterior array (PA) and flexible coils, to efficiently set up patients.

- AutoStart – initiate the scanner to automatically acquire, process, and network images
- Display connected coils and coil status
- Display of table location and scan time remaining
- Screen saver
- Control multiple levels of in-bore ventilation and lighting

TOTAL DIGITAL IMAGING

SIGNA™ Voyager features the Total Digital Imaging RF-architecture with a 33-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. In addition, the TDI RF-architecture enables the capability to simultaneously acquire the MR signal from the integrated body coil and the high-density surface coil using Digital Surround Technology. The superior SNR and sensitivity of the high-density surface coil is then combined with the superior homogeneity and deeper signal penetration of the integrated body coil to delver enhanced spine and body imaging.

- 33ch Total Digital Imaging (TDI)
- Direct Digital Interface (DDI)
- Digital Surround Technology (DST)

UHE with IGC GRADIENT TECHNOLOGY and QUIET TECHNOLOGY

SIGNA™ Voyager introduces the Ultra High Efficiency (UHE) gradient system with Intelligent Gradient Control technology (IGC). IGC gradient driver employs a digital control system that utilizes predictive models of the electrical and thermal characteristics of the gradient coil to maximize performance. As a result, SIGNA™ Voyager delivers exceptional minimum TR and TE capability while reducing power consumption. The gradient coil and the RF body coil are integrated into a single module which is water and air-cooled for optimum duty-cycle performance and patient comfort. In addition, the gradients are non-resonant and actively shielded to minimize eddy currents to deliver high fidelity, accuracy and reproducibility over a large FOV.

- Peak amplitude per axis: 36 mT/m
- Up to 150 T/m/s instantaneous peak slew rate per axis
- Maximum FOV: 50 cm x 50 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			
8.	1.00	M7004FW	Standard Cabinet Siting Kit		
List Price		Discount	Extended List Price		Net Price
$10,250.00		67.00%	$10,250.00		$3,382.50

Standard Cabinet Siting kit provides the cabinets and hardware components to install the system cabinets along the RF Screen Room wall shared between the magnet and equipment rooms.

Line	Qty	Catalog			
9.	1.00	S7528VP	Voyager Preinstallation Collector - AIR Edition Standard Siting		
List Price		Discount	Extended List Price		Net Price
$163,642.00		67.00%	$163,642.00		$54,001.86

The Voyager 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. This collector contains the integrated cooling cabinet and the patient comfort and cryo hoses.

Line	Qty	Catalog			
10.	1.00	M6001AA	Vent Adapter, Standard 8" Straight Up		
List Price		Discount	Extended List Price		Net Price
$0.00		0.00%	$0.00		$0.00

Vent Adapter, Standard 8" Straight Up

Line	Qty	Catalog			
11.	1.00	M70012TS	Voyager Scan Room Collector - Long		
List Price		Discount	Extended List Price		Net Price

$50,500.00	**67.00%**	**$50,500.00**	**$16,665.00**

The Long Scan Room Collector contains a collection of cables such as gradient cables and other materials necessary for system interconnections. The long configuration is designed for room configurations that require a long length based on distance between system components.

Line	Qty	Catalog		
12.	1.00	M70032VL	SIGNA Voyager LONG Scan and Equipment Room Kit	
List Price		Discount	Extended List Price	Net Price
$15,000.00		67.00%	$15,000.00	$4,950.00

SIGNA Voyager LONG Scan and Equipment Room Kit

Line	Qty	Catalog		
13.	1.00	M70022MC	Main Disconnect Panel - 380V/400V/415V/480V 50/60Hz	
List Price		Discount	Extended List Price	Net Price
$12,000.00		21.00%	$12,000.00	$9,480.00

The Main Disconnect Panel safeguards the MR system's critical electrical components, by providing complete power distribution and emergency-off control.

Line	Qty	Catalog		
14.	1.00	M1000MW	Operator Console Table	
List Price		Discount	Extended List Price	Net Price
$2,550.00		67.00%	$2,550.00	$841.50

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

Line	Qty	Catalog		
15.	1.00	M70012RP	English Language Kit	
List Price		Discount	Extended List Price	Net Price
$0.00		0.00%	$0.00	$0.00

English Language Kit

Line	Qty	Catalog		
16.	1.00	R33012AC	Standard Service License	
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		
17.	1.00	M7006NA	1.5T 16-channel AIR Anterior Array	
List Price		Discount	Extended List Price	Net Price
$121,154.00		67.00%	$121,154.00	$39,980.82

The 16-channel AIR Anterior Array (AA) is the next generation anterior array coil that allows flexibility in any direction to conform to the patient's anatomy. Based on the innovative AIR™ Coil technologies, the 1.5T 16ch AIR AA provides excellent image quality and acceleration performance, while improving the overall patient and user experience. The coil has been designed to adapt to various patient shapes and sizes, expanding positioning versatility.

Line	Qty	Catalog		
18.	1.00	M7006YJ	1.5T AIR™ Multi-Purpose Coil Large & Medium with Positioners	
List Price		**Discount**	**Extended List Price**	**Net Price**
$264,300.00		67.00%	$264,300.00	$87,219.00

A package includes 1.5T AIR™ Multi-Purpose (MP) Coils, Large and Medium, with a coil positioner kit.

The 21-channel 1.5T AIR Multi-purpose (MP) Large and The 20-channel 1.5T AIR MP Medium are the next generation multipurpose coils that allow flexibility in any direction to conform to the patient's anatomy. Based on the innovative AIR™ Coil technologies, those 1.5T AIR™ MP Coils provide good image quality and acceleration performance, while improving the overall patient and user experience. Those coil have been designed to adapt various patient shapes and sizes, expanding positioning versatility. AIR™ MP Coil Large is recommended to be used for Shoulder, Forearm, Prostate, Hip/bony pelvis, Knee (large patients), Long bone, Foot/ankle. AIR™ MP Coil Medium is recommended to be used for Cardiac, Elbow, Hand/wrist, Knee (small patients), Forefoot.

The AIR™ MP Coil positioner kit includes a knee positioner, a foot-ankle positioner, a wedge pad, a u-shaped pad and a strap kit. Those are compatible with both AIR™ MP Coils Large and Medium for positioning.

Line	Qty	Catalog		
19.	1.00	E8800XA	NeoCoil Sentinel G1 Wireless Music System for MRI Systems	
List Price		**Discount**	**Extended List Price**	**Net Price**
$12,900.00		21.00%	$12,900.00	$10,191.00

The NeoCoil Wireless Audio/Music system provides audio entertainment and facilitates communications between the patient and technologist. Wireless solution eliminates multiple cords and standard 3.5mm audio jack allows any compatible music source.
Integrates audio entertainment, the technologist's voice, and AutoVoice for optimum patient communication
MR Conditional wireless audio system for use with high field MRI up to 3.0T
Dramatically attenuates gradient noise
When the technologist uses the intercom or when the feature AutoVoice is used, the music is interrupted for clear communication
Wireless solution operates on 3 batteries

Package includes:
Wireless 29dB headphones (over-ear)...uses 2 battery packs
Wireless airtube/earbud assembly (in-ear)…uses 1 battery pack
Disposable 29dB earbud inserts, 125 pair (250/box)
Battery charging dock (can wall mount or desk; charges up to 4 batteries in under 6 hours)
Audio cable, 3.5mm
(3) Individual Li-Po 3.7V Battery Packs (rated for 12 hours continuous use)
Transmitter and console interface - wall-mounted transmitter including couplers for penetration panel (2.4 GHz ISM band)
Audio Source - Amazon® Fire® tablet, tablet stand, tablet lock, and (2) speakers

GE MRI compatibility:
Compatible with all MRI systems including Creator/Explorer v25.3 and Pioneer hardware v26.1

Line	Qty	Catalog		
20.	1.00	E8800XH	Neocoil Individual battery packNeoCoil Individual Li-Po 3.7V Battery Pack for Sentinel G1	
List Price		**Discount**	**Extended List Price**	**Net Price**
$350.00		21.00%	$350.00	$276.50

- Removable battery pack for use with NeoCoil wireless system
- Rechargeable Li-Po 3.7 V
- 1000 mAh
- 12 hours of continuous use
- Complete system (E8800XA and E8800XK) already includes this item
- Expected life of approximately 1 year

Line	Qty	Catalog		
21.	1.00	E8822JB	Sanitary Covers for Headset - 1000/Box	
List Price		**Discount**	**Extended List Price**	**Net Price**
$145.00		21.00%	$145.00	$114.55

Sanitary covers for audio headsets. Packaged 1000 units per box.

Line	Qty	Catalog		
22.	1.00	E8914DJ	Dimplex MR Heat Exchanger 36kW - Standard Ambient Temp, with 1 year warranty and 2 PMs	
List Price		**Discount**	**Extended List Price**	**Net Price**
$57,900.00		21.00%	$57,900.00	$45,741.00

GE Healthcare has partnered with the Glen Dimplex Group to offer chillers 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 AND BENEFITS

- 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
- Installation support from the vendor includes: 1 start up, 2 preventative maintenance visits (during warranty), and 12 months of parts and labor warranty
- Installation support includes: support through GE's Project Manager of Install, GE's
Design Center, remote technical support from the Glen Dimplex company
- Comprehensive and quality service rapidly delivered through our CARES service solution
- 70 gallons of water-glycol pre-mixture (50/50%)
- Remote display panel provides the ability to monitor the system's operation from the control room. When plugged into a LAN connection, system can be remotely monitored and diagnosed for proactive maintenance.
- Highly recommended that Vibration Isolation Spring Kit (E8914DP) be added for systems that
will be rooftop mounted
- Environmental friendly and non-ozone harming refrigerant R407C

SPECIFICATIONS

- Net Cooling Capacity: 36 kW at 60Hz
- Coolant Outlet Temperature: 50 F (10 C)
- Max Coolant Pressure : 2.75 Bar
- Refrigerant: R407C
- Coolant: 50% water and 50% glycol with inhibitors
- Ambient Temp Range: -20 to 122 F (-28.89 to 50 C)
- Tank Capacity: 70 gallons (265 L)
- Supply Voltage: 460v/3 phase /60 Hz
- Overall Size (L x W x H) 111 in x 31.5 in x 76.25 in
- Operational weight 2550 lb (1157 kg)

COMPATIBILITY:

- GE Signa Pioneer 3.0T MR system and GE Signa Voyager 1.5T MR system

NOTES:

GE Healthcare

January 23, 2023
Quote Number: **2005417541.12**
Customer ID: **1-23I7YB**
Agreement Expiration Date: **03/24/2023**

- Chiller is non-returnable and non-refundable.

Line	Qty	Catalog			
23.	1.00	S7530EM	Early Adopter SIGNA™ Voyager MR30 Software Upgrade		
List Price		Discount	Extended List Price		Net Price
$15,000.00		0.00%	$15,000.00		$15,000.00

Early Adopter MR 30 Application Software Upgrade for SIGNA™ Voyager family of MR scanners.

Early access to latest MR Applications software to enable AIR™ Recon DL extensions to 3D and PROPELLER imaging.

NOTE: This package only available to pre-selected sites with approval from Global Product Management.

Line	Qty	Catalog			
24.	1.00	M70024HR	SIGNA_LX1.MR30.0 SW eDelivery		
List Price		Discount	Extended List Price		Net Price
$0.00		0.00%	$0.00		$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			
25.	1.00	S7529JJ	IGNA™ Voyager SIGNA™Works AIR™ IQ Edition Software Upgrade		
List Price		Discount	Extended List Price		Net Price
$150,000.00		0.00%	$150,000.00		$150,000.00

The SIGNA™ Voyager 1.5T 70cm wide-bore magnetic resonance system was designed to enable you to deliver both clinical excellence and operational efficiency while changing the MR experience for your patients and staff. The SIGNA™Works AIR™ IQ Edition upgrade transitions your SIGNA™ Voyager to the MR29.1 software platform.

This upgrade catalog comprises the MR29.1 operating/imaging software:

- SIGNA™Works AIR™ IQ Edition new feature summary
- SIGNA™Works AIR™ IQ Edition Workflow Enhancements
- SIGNA™Works AIR™ IQ Edition Technology Toolkits
- SIGNA™ Works AIR™ IQ Edition Clinical Applications Toolkits
- SIGNA™ Works AIR™ IQ Edition READYView Advanced Visualization

The upgrade to the AIR™ IQ Edition of SIGNA™Works enhances existing and adds new workflow and applications capability.

- Split Exam create/assign separate exam number for a sub-set of series
- AIR™ Touch intelligent landmarking activation
- 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 (new for upgrades from 27)
- 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

SIGNA™Works AIR™ IQ Edition Workflow Enhancements

AIR™ IQ Workflow delivers new capabilities that speed set-up for all exams and streamline scanning for multi-station and combination exams. The AIR™ IQ Edition workflow features include:

- AIR™ Touch intelligent activation reduces set-up time by reducing coil selection and optimization to one finger touch and one mouse click. AIR™ Touch then activates coil elements based on the anatomy, FOV and ARC parallel imaging factor.
- 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.

SIGNA™Works AIR™ IQ Edition Technology and Clinical Applications Toolkits

SIGNA™Works comprises the operating software, pulse sequence families, clinical applications and visualization toolkits as well as acceleration, motion correction and tissue suppression technology. The AIR™ IQ edition adds new capability to the technology and imaging toolkits.

Acceleration Technology

Reduce scan set-up and acquisition time with a suite of acceleration techniques, and many techniques can be used in combination for additive effects. The AIR™ IQ Edition adds AIR™ Touch and AIR™ Recon to the Acceleration portfolio.

- AIR™ Touch intelligent activation reduces set-up time by reducing coil selection and optimization to one finger touch and one mouse click. AIR™ Touch then activates coil elements based on the anatomy, FOV and ARC parallel imaging factor.
- AIR™ Recon is a smart reconstruction algorithm that reduces background noise and artifacts enabling enhanced image quality without the need for longer scan times. AIR™ Recon compatibility expands with the AIR™ IQ edition to be compatible with a broad range of imaging sequences: FSE fast spin echo, 3D Cube fast spin echo, SPGR/FSPGR, GRE/FGRE, PROPELLER MB, eDWI, FOCUS DWI, FIESTA, Black Blood, Time Course, MDE, SSMDE and StarMap.
- ARC parallel imaging reduces scan time using an auto-calibrating (data-driven) technique. ARC selectively acquires data using an adaptive algorithm. As a result, ARC enables smaller FOV prescription with less sensitivity to motion and prevents coil calibration artifacts. With the AIR™ IQ Edition, AIR™ Touch aids coil activation for ARC.
- 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.
- Flexible No Phase Wrap reduces scan time by reducing the number of increments acquired 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. The AIR™ IQ Edition adds AIR™ Recon for PROPELLER MB imaging.

- 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 FatSat, ASPIR, STIR T1 and Auto Body Navigators to enable usage for a broad range of exams. With the AIR™ IQ Edition, PROPELLER MB motion correction benefits from AIR™ Recon 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.
- STIR uses an inversion pulse to null either the signal from fat or water based on the timing of the pulse.
- SPECIAL essentially combines FatSat and STIR by using a frequency selective inversion pulse that targets and suppresses the signal from fat.
- ASPIR enhances fat suppression by using a using a spectrally selective (instead of a single frequency) inversion pulse to null the signal from fat.

The SIGNA™Works AIR™ IQ Edition clinical imaging tools are organized and optimized to address six clinical work areas: NeuroWorks, OrthoWorks, BodyWorks, OncoWorks, CVWorks and PaedWorks.
NeuroWorks comprises pre-programmed protocols, clinical applications and visualization tools designed for the challenges of brain and brachial plexus imaging. Resulting capability starts with simplified prescription and protocol set-up. Imaging capability extends to sensor-free motion correction, advanced volumetric imaging, enhanced diffusion and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat, volume segmentation/rendering and dynamic contrast-enhanced assessment.

The AIR™ IQ Edition brings Cube enhancements that provide greater flexibility for modifying/reducing scan time and adds AIR™ Recon image quality.

- 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 while 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
- eDWI enhanced diffusion with Multi-B value and SmartNEX
- PROBE PRESS single voxel spectroscopy
- BrainStat GVF and AIF parametric maps
- READYView and BrainView post-processing

OrthoWorks delivers pre-programmed protocols, clinical applications and visualization tools designed for the challenges of joint, long bone and spine imaging. Resulting capability starts with fast-spin echo techniques as the foundation for articular cartilage, ligaments, menisci and sub-chondral bone imaging. Imaging capability also extends to sensor-free motion correction, advanced volumetric imaging and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat and volume segmentation/rendering.

The AIR™ IQ Edition brings dynamic phase correction for enhanced FSE imaging and AIR™ Recon image quality.

- FSE and frFSE fast spin echo imaging suites with dynamic phase correction
- 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
- READYView post-processing

BodyWorks delivers pre-programmed protocols, clinical applications and visualization tools designed for the challenges of imaging the upper abdomen, liver, male pelvis and female pelvis. Resulting capability starts with sensor-free motion correction and navigators that enable the ability to conduct free-breathing exams with a broad range of contrast weighting capability. Imaging capability further extends to snap-shot imaging, volumetric MRCP imaging, dynamic volumetric imaging, enhanced diffusion and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat and high-definition maximum/minimum intensity pixel projection.

The AIR™ IQ Edition brings automated localizing and imaging for multi-station exams, adds AIR™ Recon image quality for body sequences, adds SnapShot multi-slice per breath-hold imaging and optimization for body diffusion.

- 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
- eDWI enhanced diffusion with Multi-B value and SmartNEX
- 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
- 3D MRCP frFSE imaging
- 2D Fat Sat FIESTA fast steady state imaging

- Enhanced SSFSE Snapshot multi-slice imaging with SmartR
- 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
- READYView and BodyView post-processing

OncoWorks delivers pre-programmed protocols, multi-station, contrast-timing, clinical applications and visualization tools designed for the challenges of imaging throughout the brain, spine and body. Resulting capability starts with tools that simplify and streamline the steps associated with multi-station acquisition and the timing of contrast delivery. Imaging capability includes sensor-free motion correction and navigators that enable the ability to conduct free-breathing exams with a broad range of contrast weighting capability. Capability further extends to snap-shot imaging, dynamic volumetric imaging, enhanced diffusion and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat, volume segmentation/rendering, diffusion assessment and auto-contour.

The AIR™ IQ Edition brings automated localizing and imaging for multi-station exams, adds optimization for body diffusion and adds AIR™ Recon image quality.

- 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 while 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 with SmartR
- Whole-Body multi-station localizer and pasting
- Whole-Body multi-station FSE-IR, 3D SPGR and DWI imaging
- eDWI enhanced diffusion with Multi-B value and SmartNEX
- 3D LAVA and TurboLAVA with Turbo ARC and SPECIAL
- Multiphase DynaPlan
- SmartPrep automated bolus detection
- Fluoro Trigger real-time bolus monitoring
- READYView, BrainView and BodyView post-processing

CVWorks delivers pre-programmed protocols, multi-station, contrast-timing, clinical applications and visualization tools designed for the challenges of imaging vascular structures and the heart. Resulting capability starts with tools that simplify and streamline the steps associated with multi-station acquisition and the timing of contrast delivery. Imaging capability includes sensor-free navigators that enable the ability to conduct free-breathing exams. For MRA, imaging capability includes 2D and 3D time-of-flight and phase contrast MRA. For the heart, imaging capability includes techniques for morphology, function and tissue characterization. Post-processing capability augments the portfolio with interactive vascular imaging for MRA and high-definition maximum/minimum pixel projection.

The AIR™ IQ Edition adds AIR™ Recon image quality for cardiac sequences.

- 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 IR Prep gated fast gradient echo imaging
- Black Blood SSFSE single-shot FSE-based imaging
- 2D/PS MDE phase sensitive tissue characterization
- 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 delivers pre-programmed protocols, clinical applications and visualization tools designed for the challenges of imaging

pediatric patients. Resulting capability starts with sensor-free motion correction and navigators that enable the ability to conduct free-breathing exams with a broad range of contrast weighting. Imaging capability further extends to advanced volumetric imaging, dynamic volumetric imaging, enhanced diffusion and selective tissue suppression techniques. Post-processing capability augments the portfolio with 3D multi-planar reformat, volume segmentation/rendering and diffusion assessment.

The AIR™ IQ Edition brings Cube enhancements that provide greater flexibility for modifying/reducing scan time, enables AIR™ Recon image quality for PROPELLER MB, body and cardiac sequences and expands diffusion techniques.

- 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 while 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
- eDWI enhanced diffusion with Multi-B value and SmartNEX
- PROBE PRESS single voxel spectroscopy
- Auto Navigators diaphragm tracker free-breathing scanning
- 3D LAVA and Turbo LAVA with Turbo ARC and SPECIAL for dynamic or single-phase imaging
- Enhanced SSFSE Snapshot multi-slice imaging with SmartR
- Black Blood SSFSE single-shot FSE-based imaging
- 2D PS/MDE phase sensitive tissue characterization
- StarMap iron assessment for liver and heart (acquisition)
- BrainStat GVF and AIF parametric maps
- READYView and BrainView post-processing

Advanced Visualization and Post-Processing

READYView is a SIGNA™ Works AIR™ IQ Edition 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

AIR™ Recon DL package

AIR™ Recon DL is a pioneering, 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, customers will be able to:

- Increase productivity by enabling shorter scan times
- Remove noise in the images through trained deep learning algorithms.
- Eliminate Gibbs and truncation artifacts with intelligent ringing suppression
- Experience TrueFidelity™ images that deliver sharper and clearer MR images
- Apply a tailored level of AIR™ Recon DL based on preference
- Enable the most commonly applied 2D sequences without anatomical limitations without anatomical limitations
- Visualize AIR™ Recon DL images directly at the MR console without reconstruction delays

Reconstruction performance today is challenged by explosive growth in data and increased computational complexity. The amount of data to be stored and processed continues to increase with the advances in MR system technology. The Gen 7 DL Performance ICN Upgrade takes that challenge head-on with innovations in reconstruction to take full advantage of computing power and by leveraging both hardware and software technology. With over 128GB of memory, and 63,000 2D FFTs/second, the Gen 7 DL

Performance ICN Upgrade delivers the advanced reconstruction you need.

AIR x™ Auto Graphic Prescription package

AIR x™ Auto Graphic Prescription replaces traditional atlas-based methods with deep learning algorithms to automatically identify anatomical structures and prescribe slices locations for brain and knee exams. As a result of the deep learning algorithms, AIR x™ automatically adapts slice prescriptions for normal patient variants in 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. The AIR x™ Auto Graphic Prescription package provides solutions for two high-volume exams, brain, and knee.

- AIR x™ auto graphic slice prescription for brain exams
- AIR x™ auto graphic slice prescription for knee exams

Line	Qty	Catalog		
26.	1.00	M70072MF	COMPUTING PLATFORM AND DICOM CONFORMANCE - T5820 GOC	
List Price	**Discount**	**Extended List Price**	**Net Price**	
$50,000.00	67.00%	$50,000.00	$16,500.00	

The SIGNA™Works AIR™ IQ Edition computing platform utilizes a parallel, multi-processor design to enable simultaneous scanning, reconstruction, filming, post-processing, archiving and networking. The host PC operates on the Scientific Linux operating system and utilizes a single tower configuration. The computing platform also includes an LDC monitor and keyboard assembly with an integrated intercom speaker, microphone, volume controls, and emergency stop switch. Start scan, pause scan, stop scan and table advanced to center "hot" keys are also included.

Host PC Platform

- Operating System: Scientific Linux
- Memory: 64 GB
- Hard Disk Storage: 1024 GB SSD
- Media Drives: CD/DVD

SIGNA™ Voyager generates 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. Please refer to the DICOM Compliance Statement for details.

Line	Qty	Catalog		
27.	1.00	M7007PH	Universal Phantom Holder	
List Price	**Discount**	**Extended List Price**	**Net Price**	
$400.00	67.00%	$400.00	$132.00	

Universal Phantom Holder

Line	Qty	Catalog		
28.	1.00	S7530EA	AIR™ Recon DL Early Adopter Bundle	
List Price	**Discount**	**Extended List Price**	**Net Price**	
$14,999.00	0.00%	$14,999.00	$14,999.00	

AIR™ Recon DL 3D and PROPELLER - Early Adopter Package.

Early access to the latest AIR™ Recon DL extensions to 3D and PROPELLER Imaging.
AIR™ Recon DL is a pioneering, 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, customers will be able to:

- Remove noise in the images through trained deep learning algorithms

- Increase 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
- Enable applied PROPELLER and 3D sequences without anatomical limitations
- Visualize AIR™ Recon DL images directly at the MR console without reconstruction delays

AIR™ Recon DL PROPELLER is compatible with 2D radial motion-insensitive PROPELLER sequence which includes PROPELLER DWI.
AIR™ Recon DL 3D is compatible with most 3D sequences including Fast Spin Echo, Gradient Echo and Fast Gradient Echo family of sequences

NOTE:
AIR™ Recon DL requires GEN 7 DL ICN, and AIR™ Recon DL 3D also requires AIR™ Recon DL 2D license.
This package only available to pre-selected sites with approval from Global Product Management. Requires MR30 Application Software upgrade.

Line	Qty	Catalog	
29.	1.00	NI_MR_INSTALLATION	$8,999.00 applied to 3rd-Party Rigging Services. Rigging remains the responsibility of Customer. Any rigging costs in excess of this amount shall be the responsibility of Customer. Unapplied rigging funds will be forfeited without refund or credit.

List Price	Discount	Extended List Price	Net Price
$8,999.00	0.00%	$8,999.00	$8,999.00

Line	Qty	Catalog	
30.	1.00	NI_MR_INSTALLATION	$8,999.00 applied to 3rd-Party Rigging Services. Rigging remains the responsibility of Customer. Any rigging costs in excess of this amount shall be the responsibility of Customer. Unapplied rigging funds will be forfeited without refund or credit.

List Price	Discount	Extended List Price	Net Price
$8,999.00	0.00%	$8,999.00	$8,999.00

Total Quote List Price:	*$3,892,588.00*
Total Quote Discount:	*62.61%*
Total Quote Subtotal:	*$1,455,527.73*

Qty	Credits and Adjustments	
1.00	1.5T SIGNA HDxt Trade-in	$($70,000.00)

Total Quote Net Selling Price:	*$1,385,527.73*

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

GE Healthcare

January 23, 2023
Quote Number: **2005417541.12**
Customer ID: **1-23I7YB**
Agreement Expiration Date: **03/24/2023**

Optional Items

Please initial the Catalogs you wish to purchase

Catalog Number	Qty.	Description	Net Price	Initial
S7529VX	1.00	**MSK Coil Package** The MSK Coil Package includes the following: • 1.5T 16ch Shoulder Coil • 1.5T 16ch TDI T/R Knee • 1.5T TDI 16ch T/R Hand Wrist Coil • 1.5T 8ch TDI Foot Ankle Array 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. The 1.5T 16-channel Knee Array is a transmit/receive coil that produces high resolution images of the knee and is optimized for parallel imaging in all three directions to reduce acquisition times. 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. The 1.5T Foot/Ankle Array 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.	$79,200.00	____

Catalog Number	Qty.	Description	Net Price	Initial
E88221XE	1.00	**Medrad MRXperion injector on pedestal mount with penetration panel filter kit** The Medrad® MRXperion™ MR Injection System is a smart performer in the MR suite, delivering contrast fluid and data management. Streamlined Injection Workflow • Less time preparing for the injection and more time to focus on the patient and optimize procedure management. Convenience at Point of Care • On-board eGFR and Weight Based Dosing	$52,808.34	____

• Calculators, an Injection Pressure Graph,
• Independent Test Inject and KVO functions.

Real-time Support
• Connect to VirtualCare® Remote Support* for
• advanced injector system diagnostics, seamless

Improved Efficiencies
• 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

Reproducible Quality
• Proven track record of design and performance
• On-site field service and VirtualCare® Remote Support* for advanced injection system diagnostics and real-time support

Personalized Care
• 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 with penetration panel filter kit 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
• Penetration panel filter kit: filter assembly, mounting/centering ring, mounting screws, conductive O-ring (pre-installed on the filter), power supply cable - 10 ft. (3 m), installation instructions

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.

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, Cockroft-Gault, Modified Cockroft-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
E8805BE-US	**1.00**	**Empower MR injection system with 1 years warranty , 1 PM and installation**	**$33,180.00**	____

GE Healthcare

Trade-in Addendum to GE Healthcare Quotation

This Trade-In Addendum ("Addendum"), effective on January 23, 2023, between the GE Healthcare business identified on the Quotation and **Frye Regional Medical Center Inc/** ("Customer"), is made a part of Quotation # **2005417541.12** ^ dated January 23, 2023 ("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.

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:

Trade-In Equipment Mfr	Model & Description	Quantity	System ID*	Trade-In Amount ($)
GENERAL ELECTRIC	1.5T SIGNA HDxt Trade-in	1.00	828324MR1	($70,000.00)

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# _____)†.

GE Healthcare

Frye Regional Medical Center Inc

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.

GE Healthcare

January 23, 2023
Quote Number: **2005417541.12**
Customer ID: **1-23I7YB**
Agreement Expiration Date: **03/24/2023**

GPO Agreement Reference Information

Customer:	Frye Regional Medical Center Inc
Contract Number:	LifePoint Corporate Services
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 LifePoint Corporate Services

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

1. **Definitions.** As identified in this Agreement, "Equipment" is hardware and embedded software that is licensed with the purchase of the hardware delivered to Customer in GE Healthcare's packaging and with its labeling; "Software" is software developed by GE Healthcare and/or delivered to Customer in GE Healthcare's packaging and with its labeling, and Documentation associated with the software; "Third Party Software" and "Third Party Equipment" are respectively software developed by a third party, and hardware and embedded software that is licensed with the purchase of the hardware, that is delivered to Customer in the third party's packaging and with its labeling (collectively, "Third Party Product"); "Product" is Equipment, Software and Third Party Product; "Services" are Product support or professional services; "Subscription" is a limited-term, non-transferable license to access and use a Product (except Healthcare Digital Products), including any associated support Services; "Healthcare Digital Products" are: (i) Software identified in the Quotation as "Centricity"; (ii) Third Party Software licensed for use in connection with Centricity Software; (iii) hardware used to operate Centricity or Third Party Software; (iv) Services provided for implementation, installation or support and maintenance of Centricity or Third Party Software licensed for use in connection with Centricity Software; and/or (v) any Product or Service that is identified in a Healthcare Digital Quotation. "Specifications" are GE Healthcare's written specifications and manuals as of the date the Equipment shipped; and "Documentation" is the online help functions, user instructions and manuals regarding the installation and operation of the Product as made available by GE Healthcare to Customer.

2. **Term and Termination.** Software licenses, Services and/or Subscriptions will have individual term lengths identified in the Quotation. If there is a material breach of this Agreement and/or the Quotation that is not cured by the breaching party within 60 days from receipt of written notice, the non-breaching party can terminate the respective Agreement or Quotation. Other than as set forth in this Agreement, neither party can unilaterally terminate this Agreement or a Quotation. Any remaining undisputed, unpaid fees become immediately due and payable on expiration or termination. Expiration or termination of this Agreement will have no effect on Quotations executed prior to the date of expiration or termination.

3. **Software License**. Other than as identified in a Quotation, GE Healthcare grants Customer a non-exclusive, non-transferable, non-sublicensable, perpetual license to use the Software for Customer's internal business purposes only in the United States consistent with the terms of this Agreement. Customer's independent contractors (except GE Healthcare competitors) may use the Software, but Customer is responsible for their compliance with this license, and additional license fees may apply. Customer cannot modify, reverse engineer, copy or create derivative works of the Software, except for making 1 backup copy, and cannot remove or modify labels or notices of proprietary rights of the Software or Documentation. If GE Healthcare provides Third Party Software, Customer will comply with third party license terms, and licensors are third-party beneficiaries of this Agreement.

4. **Commercial Logistics**

4.1 Order Cancellation and Modifications.

4.1.1 Cancellation. If Customer cancels an order prior to shipment without GE Healthcare's written consent, Customer will be responsible for all third-party expenses incurred by GE Healthcare prior to Customer's order cancellation and GE Healthcare may charge: (i) a fee of up to 10% of the Product price; and (ii) a fee for site evaluations performed prior to cancellation. GE Healthcare will retain, as a credit, payments received up to the amount of the cancellation charge. Customer must pay applicable progress payments (other than final payment) prior to final calibration, and GE Healthcare may delay calibration until those payments are received. If Customer does not schedule a delivery date within 6 months after order entry, GE Healthcare may cancel on written notice. This Section does not apply to Software or Subscriptions, Third Party Products and/or related professional or installation services; those orders are non-cancellable.

4.1.2 Used Equipment. Equipment identified as pre-owned, refurbished, remanufactured or demonstration Equipment is not new and may have received reconditioning to meet Specifications ("Used Equipment"). Sale of Used Equipment is subject to availability. If it is no longer available, GE Healthcare will attempt to identify other Used Equipment in its inventory that meets Customer's needs, and if substitute Used Equipment is not acceptable, GE Healthcare will cancel the order and refund any deposit Customer paid for the Used Equipment.

4.2 Site Preparation. Customer is responsible for network and site preparation, including costs, in compliance with GE Healthcare's written requirements and applicable laws. GE Healthcare may refuse to deliver or install if the site has not been properly prepared or there are other impediments.

4.3 Transportation, Title and Risk of Loss. Unless otherwise identified in the Quotation, shipping terms are FOB Destination. Title and risk of loss to Equipment and Third-Party Equipment passes to Customer on delivery to Customer's designated delivery location.

4.4 Delivery, Returns and Installation. Delivery dates are approximate. Products may be delivered in installments. GE Healthcare may invoice multiple installment deliveries on a consolidated basis, but this does not release Customer's obligation to pay for each installment delivery. Delivery occurs: (i) for Product, on electronic or physical delivery to Customer; and (ii) for Services, on performance.

Products cannot be returned for refund or credit if they match the Quotation.

Delivery and installations will be performed from 8am to 5pm local time, Monday-Friday, excluding GE Healthcare holidays, and outside those hours for an additional fee. Customer will: (i) install cable and assemble products not provided by GE Healthcare; (ii) enable connectivity and interoperability with products not provided by GE Healthcare; (iii) pay for construction and rigging costs; and (iv) obtain all licenses, permits and approvals for installation, use and disposal of Products. For upgrades and revisions to non-Healthcare Digital Products, Customer must return replaced components to GE Healthcare at no charge.

4.5 Information Technology Professional Services ("ITPS"). ITPS must be completed within 12 months of the later of the ITPS order date or Product delivery. If not done within this time period, other than because of GE Healthcare's failure to perform, ITPS performance obligations expire without refund. ITPS includes project management, HL7/HIS system integration, database conversion, network design and integration and separately cataloged software installations. This Section does not apply to Healthcare Digital Products.

4.6 Acceptance.

4.6.1 Equipment Acceptance. Beginning on completion of installation (not to exceed 30 days from shipment) or delivery (if installation is not required), Customer will have 5 days to determine if the Equipment operates substantially in accordance with Specifications ("Equipment Test Period"). If the Equipment fails to perform accordingly, Customer will provide to GE Healthcare: (i) written notice; (ii) access to the Equipment; and (iii) a reasonable time to bring the Equipment into compliance. After correction by GE Healthcare, Customer will have the remainder of the Equipment Test Period or 3 days, whichever is greater, to continue testing. Equipment is accepted on the earlier of expiration of the Equipment Test Period or the date the Equipment is first used for non-acceptance testing purposes.

4.6.2 Software Acceptance. Beginning on completion of Software implementation, Customer will have 30 days to determine if the Software operates substantially in accordance with the Documentation ("Software Test Period"). If the Software fails to perform accordingly, Customer will provide to GE Healthcare: (i) written notice; (ii) access to the Software; and (iii) a reasonable time to bring the Software into compliance. After correction by GE Healthcare, Customer will have the remainder of the Software Test Period or 5 days, whichever is greater, to continue testing. Software is accepted on the first to occur of: (a) expiration of the Software Test Period; (b) the date Software is first used to process actual data; or (c) the "Go-Live Date" as defined in the Quotation.

4.6.3 Third Party Product Acceptance. Third Party Products are accepted 5 days after delivery.

4.6.4 Subscription Acceptance. Products provided pursuant to a Subscription are accepted 5 days after GE Healthcare provides Customer access to the Products.

4.7 Third Party Products and Services. If GE Healthcare provides Third Party Products and/or Services, then (i) GE Healthcare is acquiring them on Customer's behalf as its agent and not as a supplier; (ii) GE Healthcare provides no warranties or indemnification, express or implied; and (iii) Customer is responsible for all claims resulting from or related to their acquisition or use.

4.8 Mobile Equipment. GE Healthcare will assemble Equipment it has approved for mobile use at the vehicle location identified by Customer. Customer will comply with the vehicle manufacturer's planning requirements and arrange for delivery of the vehicle. Equipment placed in a mobile environment must be used for medical, billing, or other non-entertainment use by bona fide medical professionals authorized to use and prescribe such use.

4.9 Audit. GE Healthcare may audit Customer's use of Software, Subscription and Healthcare Digital Products to verify Customer's compliance with this Agreement up to 12 months following termination or expiration of the applicable Quotation. Customer will provide reasonable assistance and unrestricted access to the information. Customer must pay underpaid or unpaid fees discovered during the audit, and GE Healthcare's reasonable audit costs, within 30 days of written notification of the amounts owed. If Customer does not pay, or the audit reveals that Customer is not in compliance, GE Healthcare may terminate Customer's Software license, Subscription or use of the Healthcare Digital Product.

4.10 Product Inflation. For GE Healthcare imaging Products only (to exclude ultrasound and life care solutions Products), due to the potential long cycle time from Product order to Product delivery, GE Healthcare may increase Product Total Quote Net Selling Price by an amount equal to the increase in the U.S. Bureau of Labor Statistics Consumer Price Index ("CPI") from the date of Product order to the date of notice prior to Product delivery, by providing at least 4 weeks prior notice from the requested delivery date.

5. Security Interest and Payment.

5.1 Security Interest. Customer grants GE Healthcare a purchase money security interest in all Products in the Quotation until full payment is received, and Customer will perform all acts and execute all documents necessary to perfect GE Healthcare's security interest.

5.2 Failure to Pay. If, after Product delivery, Customer is more than 45 days past due on undisputed payments, GE Healthcare may, on 10 days' prior written notice, disable and/or remove the Products.

5.3 Lease. If Customer leases a Product, Customer continues to be responsible for payment obligations under this Agreement.

6. **Trade-In Equipment.** Trade-in equipment identified in a Quotation will be subject to separate trade-in terms and conditions.

7. **Subscriptions**. The following terms apply to all Subscriptions (excluding Healthcare Digital Products).

7.1 Commencement. Unless otherwise indicated in this Agreement or the Quotation, the Subscription commences on the date GE Healthcare provides Customer access to the Products.

7.2 Renewal / Non-Renewal. The Subscription term renews automatically for the same duration as the initial term of the Subscription unless otherwise identified in the Quotation. Except as otherwise identified in this Agreement or a Quotation, GE Healthcare may increase prices annually by no more than the Consumer Price Index for All Urban Consumers (U.S. City Average, December to December) plus 2%, upon 90 days' prior written notice. Subscriptions are not cancellable; however, either party may opt to not renew the Subscription after the initial Subscription term or any subsequent renewal term by providing at least 60 days' prior written notice to the other party prior to renewal.

7.3 Subscription Equipment. Title to Equipment and Third-Party Equipment provided via Subscription ("Subscription Equipment") remains with GE Healthcare. Customer will not place, or permit the placement of, liens, security interests, or other encumbrances on Subscription Equipment. Customer shall not repair or service Subscription Equipment, or allow others to do so, without the prior written consent of GE Healthcare.

7.4 Support Services. Unless otherwise noted in the Quotation, GE Healthcare will provide support Services as described in the Subscription Products and ViewPoint Software Maintenance Terms and Conditions.

7.5 Upgrades. Included in the Subscription fees if Customer does not owe any undisputed payments, GE Healthcare will provide upgrades if and when they become available and to the extent they are provided to all GE Healthcare customers with a Subscription for the Products, at mutually agreed upon delivery and installation dates. Upgrades do not include: (i) any optional or separately licensable features; (ii) any Products not covered by the Subscription; or (iii) any virtual environment required to host an upgraded Product. GE Healthcare shall have no obligation to provide upgrades if Products are not maintained within the current major release version or the immediately prior major release version.

7.6 Access Controls. Customer must: (i) ensure users maintain individually-assigned confidential user credentials and control mechanisms to access the Subscription; and (ii) take reasonable steps to prevent unauthorized access to Products.

7.7 Post-Termination. Upon termination or expiration of the Subscription: (i) Customer must immediately discontinue use of the Products and return Subscription Equipment to GE Healthcare in proper operating condition; (ii) Customer must destroy its copies of Software and Documentation; (iii) Customer must remove its data from Subscription Equipment; (iv) GE Healthcare is not responsible for and may destroy Customer-provided information, images or data; and (v) GE Healthcare will remove Customer's access.

7.8 Professional Services. For Services not covered under this Agreement or required due to Customer not meeting its responsibilities under the Agreement, applicable additional professional Services and fees will be required: (i) identified in the Quotation; and (ii) subject to GE Healthcare's then-current pricing.

8. General Terms.

8.1. Confidentiality. Each party will treat this Agreement and the other party's proprietary information as confidential, meaning it will not use or disclose the information to third parties unless permitted in this Agreement or required by law. Customers are not prohibited from discussing patient safety issues in appropriate venues.

8.2. Governing Law. The law of the state where the Product is installed, Service is provided, or Subscription is accessed will govern this Agreement.

8.3. Force Majeure. Performance time for non-monetary obligations will be reasonably extended for delays beyond a party's control.

8.4. Assignment; Use of Subcontractors. Neither party may assign this Agreement or any rights, interests or obligations provided by this Agreement without the prior written consent of the other party; provided, however, that either party may assign this Agreement and any or all rights and obligations under this Agreement to any of its affiliates upon prior written notice to the other party; provided, further, that no such assignment shall release either party from any liability under this Agreement. Notwithstanding anything to the contrary in this Agreement, GE Healthcare may assign this Agreement and all of its rights, interests and obligations under this Agreement to a GE Healthcare Subsidiary (as defined below), subject to the GE Healthcare Subsidiary agreeing to be bound by all of the terms and conditions of this Agreement and assuming all of the rights, interests and obligations of GE Healthcare under this Agreement. Immediately upon such assignment and assumption, automatically and without the requirement of any further action by any person or entity, (i) all references in this Agreement to GE Healthcare shall instead apply to GE Healthcare Subsidiary unless the context otherwise requires and (ii) GE Healthcare shall be unconditionally and irrevocably released and discharged from any and all liabilities and obligations under or in connection with this Agreement. ""GE Healthcare Subsidiary" means a majority owned direct or indirect subsidiary of GE Healthcare Parent. "GE Healthcare Parent" means an entity that (A) has at the time of such assignment and assumption (or concurrently therewith) an investment-grade unsecured corporate credit rating issued by each of Standard & Poor's Ratings Services, a Standard & Poor's Financial Services LLC business (or any successor thereto), and Moody's Investors Service, Inc. (or any successor thereto), and (B) has succeeded to ownership, directly or indirectly, of substantially all of the assets formerly owned by the GE Healthcare business of the General Electric group of companies. Notwithstanding anything to the contrary in this Agreement, in the event of any change of direct or indirect ownership of GE Healthcare in connection with the previously-announced separation of the General Electric group of companies, regardless of the form such separation takes, the other party hereby acknowledges and consents to the change of ownership of GE Healthcare as part of such separation. GE Healthcare may hire subcontractors to perform work under this Agreement but will remain responsible for its obligations.

8.5. Waiver; Survival. If any provision of this Agreement is not enforced, it is not a waiver of that provision or of a party's right to later enforce it. Terms in this Agreement related to intellectual property, compliance, data rights and terms that by their nature are intended to survive will survive the Agreement's expiration or termination.

8.6. Intellectual Property. GE Healthcare owns all rights to the intellectual property in GE Healthcare's Products, Services, Documentation, Specifications, and statements of work related to a Quotation or otherwise. Customer may provide GE Healthcare with feedback related to Products, Services, and related Documentation, and GE Healthcare may use it in an unrestricted manner.

9. Compliance.

9.1. Generally. Each party will comply with applicable laws and regulations. Customer is only purchasing or licensing Products for its own medical, billing and/or non-entertainment use in the United States, or for the purposes of renting or leasing the Products for medical, billing and/or non-entertainment purposes through a mobile system or modular building where Customer maintains title to the Products GE Healthcare will not deliver, install, service or train if it discovers Products have been or are intended to be used contrary to this Agreement. This Agreement is subject to GE Healthcare's ongoing credit review and approval. Customer is aware of its legal obligations for cost reporting, including 42 C.F.R. § 1001.952(g) and (h), and will request from GE Healthcare any information beyond the invoice needed to fulfill Customer's cost reporting obligations. GE Healthcare will provide safety-related updates for Equipment and Software required by applicable laws and regulations at no additional charge.

9.2. Security. GE Healthcare is not responsible for: (i) Customer's passwords or password management (ii) securing Customer's network; (iii) preventing unauthorized access to Customer's network or the Product; (iv) backup management; (v) data integrity; (vi) recovery of lost, corrupted or damaged data, images, software or equipment; (vii) third party operating systems, unless specifically provided in the Quotation; or (viii) providing or validating antivirus or related IT safeguards unless sold to Customer by GE Healthcare. NEITHER PARTY WILL BE LIABLE TO THE OTHER PARTY FOR DAMAGES CAUSED BY UNAUTHORIZED ACCESS TO THE NETWORK OR PRODUCTS REGARDLESS OF A PARTY'S COMPLIANT SECURITY MEASURES.

9.3. Environmental Health and Safety ("EHS"). GE Healthcare personnel may stop work without penalty due to safety concerns. Customer must: (i) comply with GE Healthcare's EHS requirements; (ii) provide a safe environment for GE Healthcare personnel; (iii) tell GE Healthcare about chemicals or hazardous materials that might come in contact with Products or GE Healthcare personnel; (iv) perform decommissioning or disposal at Customer facilities; (v) obtain and maintain necessary permits; (vi) thoroughly clean Products before Service; (vii) provide radioactive materials required for testing Products; and (viii) dispose of waste related to Products and installations.

9.4. Parts and Tubes. GE Healthcare: (i) recommends the use of parts it has validated for use with the Product; (ii) is not responsible for the quality of parts supplied by third parties to Customer; and (iii) cannot assure Product functionality or performance when non-validated parts are used. Certain Products are designed to recognize GE Healthcare-supplied tubes and report the presence of a non-GE Healthcare tube; GE Healthcare is not responsible for the use of, or effects from, non-GE Healthcare supplied tubes.

9.5. Training. GE Healthcare's training does not guarantee that: (i) Customer trainees are fully trained on Product use, maintenance or operation; or (ii) training will satisfy any licensure or accreditation. Customer must ensure its trainees are fully qualified in the use and operation of the Product. Unless otherwise identified in the training catalog, Customer will complete training within 12 months of: (a) the date of Product delivery for a Product purchase; (b) the respective start date for Services or Subscription for purchase of Service or Subscription; or (c) the date training is ordered for training-only purchases. If not completed within this time period, other than because of GE Healthcare's fault, training expires without refund. Training will be invoiced and payment due pursuant to the billing terms listed in the equipment Quotation. Recording of GE Healthcare training sessions is prohibited.

9.6. Medical Diagnosis and Treatment. All clinical and medical treatment, diagnostic and/or billing decisions are Customer's responsibility.

9.7. Connectivity. If a Product has remote access capability: (i) Customer will provide GE Healthcare with, and maintain, a GE Healthcare-validated remote access connection to service the Product; or (ii) GE Healthcare reserves the right to charge Customer for onsite support at GE Healthcare's then-current billing rate. This remote access and collection of machine data (e.g., temperature, helium level) will continue after the end of this Agreement unless Customer requests in writing that GE Healthcare disable it.

9.8. Use of Data.

9.8.1. Protected Health Information. If GE Healthcare creates, receives, maintains, transmits or otherwise has access to Protected Health Information (as defined in 45 C.F.R. § 160.103) ("PHI"), GE Healthcare may use and disclose the PHI only as permitted by law and by the Business Associate Agreement. Before returning any Product to GE Healthcare, Customer must ensure that all PHI stored in it is deleted.

9.8.2. Data Rights. GE Healthcare may collect, prepare derivatives from and otherwise use non-PHI data related to Products and/or Services for such things as training, demonstration, research, development, benchmarking, continuous improvement and facilitating the provision of its products, software and services. GE Healthcare will own all intellectual property and other rights that could result from this collection, preparation and use. The non-PHI data will not be used to identify Customer or sold by GE Healthcare without Customer's consent.

9.9. Customer Policies. GE Healthcare will use reasonable efforts to respect Customer-provided policies that apply to GE Healthcare and do not materially contradict GE Healthcare policies. Failure to respect Customer policies is not a material breach unless it is willful and adversely affects GE Healthcare's ability to perform its obligations.

9.10. Insurance. GE Healthcare will maintain coverage in accordance with its standard certificate of insurance.

9.11. Excluded Provider. To its knowledge, neither GE Healthcare nor its employees performing Services under this Agreement have been excluded from participation in a Federal Healthcare Program. If an employee performing Services

under this Agreement is excluded, GE Healthcare will replace that employee within a reasonable time; if GE Healthcare is excluded, Customer may terminate this Agreement upon written notice to GE Healthcare.

10. Disputes and Arbitration

10.1. Binding Arbitration. Other than collection matters and actions seeking injunctive relief to prevent or cease a violation of intellectual property rights related to Products or Services, the parties agree to submit all disputes arising under or relating to this Agreement to the American Arbitration Association ("AAA") office closest to the largest metropolitan area of the location where the Product is installed or the Service is provided for binding arbitration conducted in accordance with AAA's then-current Commercial Arbitration Rules. Costs, including arbitrator fees and expenses, will be shared equally, and each party will bear its own attorneys' fees. The arbitrator will have authority to award damages only to the extent available under this Agreement. Nothing in this Section shall allow either party to arbitrate claims of any third-party not a party to this Agreement. The parties further agree to keep confidential: (i) the fact that any arbitration occurred, (ii) the results of any arbitration, (iii) all materials used, or created for use, in the arbitration, and (iv) all other documents produced by another party in the arbitration and not otherwise in the public domain.

11. Liability and Indemnity.

11.1. Limitation of Liability. GE HEALTHCARE'S LIABILITY FOR DIRECT DAMAGES TO CUSTOMER UNDER THIS AGREEMENT WILL NOT EXCEED: (I) FOR PRODUCTS, THE PRICE FOR THE PRODUCT THAT IS THE BASIS FOR THE CLAIM; OR (II) FOR SERVICE OR SUBSCRIPTIONS, THE AMOUNT OF SERVICE OR SUBSCRIPTION FEES FOR THE 12 MONTHS PRECEDING THE ACTION THAT IS THE BASIS FOR THE CLAIM. THIS LIMITATION WILL NOT APPLY TO GE HEALTHCARE'S DUTIES TO INDEMNIFY CUSTOMER UNDER THIS AGREEMENT.

11.2. Exclusion of Damages. NEITHER PARTY WILL HAVE ANY OBLIGATION FOR: (I) CONSEQUENTIAL, PUNITIVE, INCIDENTAL, INDIRECT OR REPUTATIONAL DAMAGES; (II) PROFIT, DATA OR REVENUE LOSS; OR (III) CAPITAL, REPLACEMENT OR INCREASED OPERATING COSTS.

11.3. IP Indemnification. GE Healthcare will indemnify, defend and hold Customer harmless from third-party claims for infringement of United States intellectual property rights arising from Customer's use of the Equipment or Software in accordance with the Specifications, Documentation and license.

11.4. General Indemnification.

11.4.1. GE Healthcare will indemnify, defend and hold Customer harmless for losses which Customer becomes legally obligated to pay arising from third party claims brought against Customer for bodily injury or damage to real or tangible personal property to the extent the damage was caused by GE Healthcare's: (i) design or manufacturing defect; (ii) negligent failure to warn, negligent installation or negligent Services; or (iii) material breach of this Agreement.

11.4.2. Customer will indemnify, defend and hold GE Healthcare harmless for losses which GE Healthcare becomes legally obligated to pay arising from third party claims brought against GE Healthcare for bodily injury or damage to real or tangible personal property to the extent the damage was caused by Customer's: (i) medical diagnosis or treatment decisions; (ii) misuse or negligent use of the Product; (iii) improper storage of the Product (iv) modification of the Product; or (v) material breach of this Agreement.

11.5. Indemnification Procedure. For all indemnities under this Agreement: (i) the indemnified party must give the other party written notice before claiming indemnification; (ii) the indemnifying party will control the defense; (iii) the indemnified party may retain counsel at its own expense; and (iv) the indemnifying party is not responsible for any settlement without its written consent.

12. Payment and Finance.

12.1. Late Payment. Customer must raise payment disputes before the payment due date. For any undisputed late payment, GE Healthcare may: (i) suspend performance under this Agreement until all past due amounts are paid; (ii) charge interest at a rate no more than the maximum rate permitted by applicable law; and (iii) use unapplied funds due to Customer to offset any of Customer's outstanding balance. If GE Healthcare suspends performance, any downtime will not be included in the calculation of any uptime commitment. If Customer fails to pay when due: (a) GE Healthcare may revoke its credit and designate Customer to be on credit hold; and (b) all subsequent shipments and Services must be paid in full on receipt.

12.2. Taxes. Prices do not include applicable taxes, which are Customer's responsibility.

12.3. Customer Payment Obligation. If installation or acceptance is delayed more than 90 days because of any reason for which Customer or its subcontractor is responsible, GE Healthcare will provide written notice and bill the remaining balance due on the order, and Customer must pay according to the payment terms listed on the Quotation.

13. **Notices.** Notices will be in writing and considered delivered when received if sent by certified mail, postage prepaid, return receipt requested, by overnight mail, or by fax. Notice to Customer will be directed to the address on this Agreement, and notice to GE Healthcare to General Counsel, 9900 W Innovation Dr., Wauwatosa, WI 53226.

14. **Imaging Equipment Uptime Commitment**. GE Healthcare will provide an uptime commitment during warranty for CT, MR, nuclear imaging, and x-ray Equipment, excluding peripherals ("Eligible Equipment") if Customer provides GE Healthcare with: (i) access to Eligible Equipment through a secure connection meeting Specifications and industry best practices; (ii) notice of changes that impact Customer's connection; and (iii) prompt and unencumbered access to Eligible Equipment. The "Uptime Commitment" for nuclear imaging and x-ray Eligible Equipment is 95%, except digital mammography, digital radiographic and vascular x-ray systems and all other Eligible Equipment is 97%. Other Products may be eligible for an uptime commitment if identified in the Quotation.

If GE Healthcare fails to meet the Uptime Commitment over a 26-week period, it will extend the warranty as follows:

% Less than Uptime Commitment	Warranty Extension
0.1 - 3.0	1 week
3.1 - 8.0	2 weeks
8.1 - 13.0	4 weeks
> 13.0	6 weeks

Uptime is calculated as follows:

$$\left(\frac{UptimeBase - Downtime}{UptimeBase}\right)$$

"Uptime Base" = ("a" hours per day X "b" days per week X 26 weeks) – (Planned Maintenance ("PM") hours during prior 26 weeks), where "a" hours per day and "b" days per week are determined by the standard warranty for Eligible Equipment. "Downtime" is the number of hours during which Eligible Equipment is subject to a Critical Malfunction. Downtime starts when Customer notifies GE Healthcare that Eligible Equipment is inoperable and unavailable for use due to GE Healthcare's design, manufacturing, material or performance failure ("Critical Malfunction"). Downtime ends when Eligible Equipment is available for clinical use. To be eligible for the Uptime Commitment, Customer must maintain a performance log that includes data required to calculate Downtime.

15. **DoseWatch Device License.** Each connection of a Device (defined below) to the DoseWatch Software requires Customer to purchase a unique Device license referencing a Device ID that allows concurrent use of the DoseWatch Software with that Device at a specified Customer facility on Customer's secured network. All other terms, duration and warranties applicable to the Software license apply to the Device license. "Device" is specific Customer equipment approved by GE Healthcare to be connected to DoseWatch Software under this Agreement. Additional Device connections may be added to this Agreement, subject to individual Device licenses, and related installation, implementation, configuration and optimization services at GE Healthcare's then-current rates.

16. **Subscription Products and ViewPoint Software Maintenance Terms and Conditions.**

16.1. Overview. GE Healthcare will, in accordance with the terms and conditions of this section, maintain, support and update: (i) Products provided via Subscription (excluding Healthcare Digital Products); and (ii) ViewPoint Software licensed by Customer ("ViewPoint Software") and HIS interface software installed in the United States covered by a Software Maintenance Agreement ("SMA").

16.2. Scope.

16.2.1. Software Support and Maintenance. GE Healthcare will use reasonable efforts to provide Error Correction (defined below) for verifiable and reproducible Errors (defined below) within a reasonable time after: (a) Customer reports the Error to GE Healthcare; or (b) detection by GE Healthcare. Updates (defined below), if released, will be provided at no additional cost as a part of this maintenance commitment. New functionality must be purchased separately, unless otherwise agreed.

16.2.2. Equipment Maintenance. Preventative maintenance service may be required periodically during normal business hours of 8:00 a.m. to 5:00 p.m. (local time) on mutually agreed dates. Customer will make the Equipment available for preventative maintenance upon GE Healthcare request. Additional services to be performed, including specific additional terms thereof, shall be specified in the Quotation or alternate schedules.

16.2.3. Definitions. "Error" means any Software-related problem that: (i) materially interferes with Customer's use of the Software; and (ii) results from a failure of the Software to materially conform to the Documentation. "Error Correction" means: (a) modification of the Software that corrects an Error by bringing the Software into material conformity with the Documentation; or (b) a procedure that avoids the material adverse effect of the nonconformity. "Update" means a change that provides Error Corrections and/or enhances functionality of the Software version licensed by Customer. An Update does not involve major changes or provide significant, new functionality or applications, or changes to the software architecture or file structure. Updates retain the same license as the original Software.

16.2.4. Hotline Support. GE Healthcare will provide phone and email support during standard business hours, excluding GE Healthcare holidays, for problem solving, Error resolution and general help.

16.2.5. Remote Access Support. GE Healthcare may access Software remotely via Customer's network and GE Healthcare-supplied secure tunnelling software to monitor Software parameters to help prevent and detect Errors. Customer will reasonably cooperate with GE Healthcare to establish remote connections. Certain modules require remote access in order to obtain support.

16.2.6. Warranty. GE Healthcare warrants that its Services will be performed by trained individuals in a professional, workman-like manner. GE Healthcare will re-perform non-conforming Services as long as Customer provides prompt written notice to GE Healthcare. NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WILL APPLY. SERVICE MANUALS AND DOCUMENTATION ARE PROVIDED "AS IS". GE HEALTHCARE DOES NOT GUARANTEE PRODUCTS WILL OPERATE WITHOUT ERROR OR INTERRUPTION.

16.2.7. Exclusions. GE Healthcare has no obligation to Customer for: (i) use of Products in combination with software, hardware, or services not recommended in writing by GE Healthcare; (ii) use in a manner or environment for which GE Healthcare did not design or license the Products, or in violation of GE Healthcare's recommendations or instructions; (iii) interface configuration (often referred to as HIS, PACS or EMR interfaces necessary due to changing vendors or versions); (iv) reorganization of Customer data; (v) consulting or software engineering and programming; (vi) support of Products outside the scope of the foregoing maintenance commitments; (vii) failure to use or install, or permit GE Healthcare to use or install, Error Corrections or Updates; (viii) failure to maintain Products within the current major release version or the immediately prior major release version; (ix) defects in products or services not made and provided

by GE Healthcare; (x) any cause external to the Products or beyond GE Healthcare's control; (xi) failure of Customer's network; (xii) replacement of disposable or consumable items; (xiii) additional equipment or upgrades in connection with Products; and (xiv) migration of Software to different hardware or operating systems.

16.2.8. Software Maintenance Agreement Term. The following applies to ViewPoint software and HIS interface software only: The SMA term and start date is identified in the Quotation and its related Schedule A. Either party may terminate the SMA without cause after the first anniversary by providing at least 90 days' prior written notice to the other party. SMA payments are due within 30 days after receipt of GE Healthcare's invoice.

17. **Magnetic Resonance ("MR") – Magnetic Maintenance and Cryogens**. Customer is responsible for: (i) cryogen loss due to power loss or water chiller failure for the MR's shield cooler or condenser system during installation; (ii) costs for cryogen replacement plus transfill labor at GE Healthcare's then-applicable rates; (iii) post-assembly supply and installation of cryogens, unless cryogen loss is caused by a defect in material or workmanship within the scope of GE Healthcare's warranty. MR magnetic fields attract ferro-magnetic articles and are capable of rapidly accelerating them toward the magnet, creating danger to persons in the vicinity and possible system damage. Magnetic and radio frequency fields may adversely affect the operation of pacemakers, equipment containing magnetic reed switches and aneurysm or surgical clips.

1. Warranty.

1.1. Equipment. For non-customized Equipment purchased from GE Healthcare or its authorized distributors, unless otherwise identified in the Quotation, GE Healthcare warrants that Equipment will be free from defects in title, and, for 1 year from Equipment Acceptance, it will: (i) be free from defects in material and workmanship under normal use and service; and (ii) perform substantially in accordance with the Specifications. The warranty covers parts and labor and only applies to end-users that purchase Equipment from GE Healthcare or its authorized distributors.

1.2. Software. For Software licensed from GE Healthcare, GE Healthcare warrants that: (i) it has the right to license or sublicense Software to Customer; (ii) it has not inserted Disabling Code into Software; (iii) it will use efforts consistent with industry standards to remove viruses from Software before delivery; and (iv) unless otherwise identified in the Quotation, for 90 days from Software Acceptance, Software will perform substantially in accordance with the Documentation. "Disabling Code" is code designed to interfere with the normal operation of Software, but code that prohibits use outside of the license scope is not Disabling Code.

1.3. Services. GE Healthcare warrants that its Service will be performed by trained individuals in a professional, workman-like manner.

1.4. Used Equipment. Certain Used Equipment is provided with GE Healthcare's standard warranty for the duration identified in the Quotation, but in no event more than 1 year. If no warranty is identified, the Used Equipment is provided "AS IS" and is not warranted by GE Healthcare.

1.5. Accessories and Supplies. Warranties for accessories and supplies are at www.gehealthcare.com/accessories.

1.6. Third Party Product. Third Party Product is covered by the third party's warranty and not GE Healthcare's warranties.

1.7. Subscription Products. Unless otherwise specified, Products provided via Subscription do not include a warranty.

1.8. SaaS Offerings. Unless otherwise specified, SaaS Offerings do not include a warranty.

2. **Remedies.** If Customer promptly notifies GE Healthcare of its claim during the warranty and makes the Product available, GE Healthcare will: (i) at its option, repair, adjust or replace the non-conforming Equipment or components; (ii) at its option, correct the non-conformity or replace the Software; and/or (iii) re-perform non-conforming Service. Warranty service will be performed from 8am to 5pm local time, Monday-Friday, excluding GE Healthcare holidays, and outside those hours at GE Healthcare's then-current service rates and subject to personnel availability. GE Healthcare may require warranty repairs to be performed via a secure, remote connection or at an authorized service center. If GE Healthcare replaces Equipment or a component, the original becomes GE Healthcare property and Customer will return the original to GE Healthcare within 5 days after the replacement is provided to Customer. Customer cannot stockpile replacement parts. Prior to returning Equipment to GE Healthcare, Customer will: (a) obtain a return to manufacturer authorization; and (b) back up and remove all information stored on the Equipment (stored data may be removed during repair). Customer is responsible for damage during shipment to GE Healthcare. The warranty for a Product or component provided to correct a warranty failure is the unexpired term of the warranty for the repaired or replaced Product.

GE Healthcare may provide a loaner unit during extended periods of Product service. If a loaner unit is provided: (i) it is for Customer's temporary use at the location identified in the Quotation; (ii) it will be returned to GE Healthcare within 5 days after the Product is returned to Customer, and if it is not, GE Healthcare may repossess it or invoice Customer for its full list price; (iii) it, and all programs and information pertaining to it, remain GE Healthcare property; (iv) risk of loss is with Customer during its possession; (v) Customer will maintain and return it in proper condition, normal wear and tear excepted, in accordance with GE Healthcare's instructions; (vi) it will not be repaired except by GE Healthcare; (vii) GE Healthcare will be given reasonable access to it; (viii) Customer is not paying for its use, and Customer will ensure charges or claims submitted to a government healthcare program or patient are submitted accordingly; and (ix) prior to returning it to GE Healthcare, Customer will delete all information, including PHI, from it and its accessories, in compliance with industry standards and instructions provided by GE Healthcare.

NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WILL APPLY. SERVICE MANUALS AND DOCUMENTATION ARE PROVIDED "AS IS". GE HEALTHCARE DOES NOT GUARANTEE PRODUCTS WILL OPERATE WITHOUT ERROR OR INTERRUPTION.

3. **Limitations.** GE Healthcare has no obligation to Customer for warranty claims if Customer uses the Product: (a) for non-medical or entertainment use or outside the United States; (b) in combination with software, hardware, or services not recommended in writing by GE Healthcare; and(c) in a manner or environment for which GE Healthcare did not design or license it, or in violation of GE Healthcare's recommendations or instructions. GE Healthcare has no obligation to Customer for warranty claims for damages or deficiencies outside GE Healthcare's reasonable control.

In addition, these warranties do not cover: (i) defects or deficiencies from improper storage or handling, maintenance or use that does not conform to Specifications and/or Documentation, inadequate backup or virus protection, cyber-attacks, failure to maintain power quality, grounding, temperature, and humidity within Specifications and/or Documentation, or other misuse or abuse; (ii) repairs due to power anomalies or any cause external to the Products or beyond GE Healthcare's control; (iii) payment or reimbursement of facility costs arising from repair or replacement of the Products or parts; (iv) planned maintenance (unless applicable to Equipment), adjustment, alignment, or calibration; (v) network and antenna installations not performed by GE Healthcare or its subcontractors; (vi) lost or stolen Products; (vii) Products with serial numbers altered, defaced or removed; (viii) modification of Product not approved in writing by GE Healthcare (ix) Products immersed in liquid; (x) for Mobile Equipment, defects or deficiencies from mobile use outside of normal transportation wear and tear (excluding OEC regarding transportation wear and tear) and (xi) replacement of disposable or consumable items.

4. Exceptions to Standard Warranty.

Partial System Equipment Upgrades for CT, MR, X-Ray, IGS, PET (Scanners, Cyclotrons and Chemistry Labs) and Nuclear systems: 6 months (only applies to the upgraded components unless the parties otherwise agree to modify the coverage of the upgraded and existing components

in an existing service agreement. Optima XR240amx partial upgrades are warranted for 1 year on the wireless detector. This exception does not apply to the Artist Evo 1.5T and Premier Evo 3T upgrades which will have a full system one year warranty.

Cyclotron and Radiopharmacy: Warranty starts on the earlier of (i) 3 months after the date GE Healthcare completes mechanical installation, or (ii) the date Product testing is successfully completed

MR Systems: Warranty does not cover: (i) a defect or deficiency from failure of water chillers supplied or serviced by Customer, and (ii) for MR systems with LHe/LN or shield cooler configured superconducting magnets (except for MR Systems with LCC magnets), any cryogen supply, cryogenic service or service to the magnet, cryostat, coldhead, shield cooler compressor or shim coils unless the need for supply or service is caused by a defect in material or workmanship covered by this warranty.

Proteus XR/a, Definium and Precision 500D X-Ray Systems: Warranty does not cover collimator bulbs

Performix 160A (MX160) Tubes: 3 years

X-Ray High Voltage Rectifiers and TV Camera Pick-Up Tubes: 6 months

X-Ray Wireless Digital Detectors: In addition to the standard warranty, GE Healthcare will provide coverage for detector damage due to accidental dropping or mishandling. If accidental damage occurs, GE Healthcare will provide Customer with 1 replacement detector during warranty at no additional charge. If subsequent accidental damage occurs during warranty, each additional replacement will be provided for $30,000 per replacement. This additional coverage excludes damage caused by any use that does not conform to original equipment manufacturer ("OEM") guidelines, use that causes fluid invasion, holes, deep scratches or the detector case to crack, and damage caused by abuse, theft, loss, fire, power failures or surges. If the warranty is voided by these conditions, repair or replacement is Customer's responsibility.

Bone Mineral Densitometry: Alpha Source, Inc. will perform installation, application support and warranty services. Direct warranty claims to Alpha Source, Inc. at 1-800-654-9845. Upgraded computer, printer and monitor components include a 1 month warranty. Customer will not be credited the value of this warranty against pre-existing warranties or service agreements.

OEC New or Exchange Service Parts: 120 days

OEC Tubes and Image Intensifiers: 1 year

HealthNet Lan, Advantage Review — Remote Products: 3 months

LOGIQ e, Venue 50, Venue Go, Versana Active and related transducers purchased with them: 5 years

LOGIQ V1, LOGIQ V2, Vivid iq, Vscan and Vscan Extend and related transducers purchased with them: 3 years

Except the following have a 1 year warranty:

Transducers: TEE Probes,

Carts: Venue 50 Docking Cart, Venue Go Cart, Venue Go mounting cradle, LOGIQ e Isolation Cart, LOGIQ e Docking Cart, LOGIQ V1/V2 Cart and Vivid IQ cart

Other Accessories: Batteries (internal & external), and printers and peripherals, TEE cleaning & storage system, ICECord Connector and printers

Warranty covers defective parts and components and includes: (i) repair at GE Healthcare facilities, (ii) a loaner unit or probe replacement shipped for next business day delivery for requests received by 3pm Central Time, (iii) phone support from 7am to 7pm Central Time, Monday-Friday, excluding GE Healthcare holidays. For an additional charge, GE Healthcare may provide field support/service, planned maintenance, and/or coverage for damage due to accidental dropping or mishandling.

LOGIQ P9 R2.5 and newer and, Versana Premier, Versana Balance, Venue and related transducers purchased with them: 5 years

Voluson P8 BT18 and newer, Voluson SWIFT, Voluson S8 Touch and Voluson S10 Expert, LOGIQ F8 2016 and newer, LOGIQ V5, Vivid T8 and Vivid T9 and related transducers purchased with them: 3 years

Except the following have a 1 year warranty:

Other Accessories: Batteries (internal & external) and printers and peripherals, TEE cleaning & storage system

Transducers: TEE Probes

Warranty Includes: (i) repair at Product location by a qualified service technician Monday-Friday 8am to 5pm local time, excluding GE Healthcare holidays, and (ii) phone support from 7am to 7pm Central Time, Monday-Friday, excluding GE Healthcare holidays. For an additional charge, GE Healthcare may provide planned maintenance and/or coverage for damage due to accidental dropping or mishandling.

Ultrasound Partial System Equipment Upgrades: 3 months (only applies to the upgraded components). Customer will not be credited the value of the warranty against pre-existing warranties or service agreements.

Veterinary Use: Notwithstanding anything herein, any Product validated and sold by GE Healthcare for specific use in the veterinary market shall have a one (1) year warranty.

Batteries: 3 months, except for x-ray nickel cadmium or lead acid batteries and ultrasound batteries, which are warranted for 1 year

CARESCAPE Monitors B450, B650 and B850 3 years parts, 1 year labor (excluding displays, which are standard 1 year parts and labor)

CARESCAPE ONE : 3 year parts, 1 year labor (excluding displays, which are standard 1 year parts and labor)

Micromodules: 3 year parts, 1 year labor (i) repair services performed at GE Healthcare Repair Operations Center

B40 Monitors: 2 years parts, 1 year labor (excluding displays, which are standard)

B105 B125, and B155 Patient Monitors: 3 years with: (i) repair services performed at GE Healthcare Repair Operations Center, (ii) phone support from 7am to 5pm Central Time, Monday-Friday, excluding GE Healthcare holidays; and (iii) a loaner Product (subject to availability; shipping charges included).

Novii Wireless Patch System- Interface and Pods: 1 year starting 40 days after shipment with: (i) exchange services performed at GE Healthcare Repair Operations Center; and (ii) phone support from 7am to 5pm Central Time, Monday-Friday, excluding GE Healthcare holidays. Customer may elect to purchase coverage for Pod damage due to accidental dropping or mishandling. This coverage excludes patches and cables, which are considered Product accessories, and are warranted pursuant to Section 1.5 above.

MAC 5, MAC 7, MAC 2000 and MAC 3500: 3 years (i) repair services performed at GE Healthcare Repair Operations Center, (ii) phone support from 7am to 5pm Central Time, Monday-Friday, excluding GE Healthcare holidays

CARESCAPE V100 and VC150 Vital Signs Monitors: 2 years

SEER 1000: 2 years (i) repair services performed at GE Healthcare Repair Operations Center, (ii) phone support from 7am to 5pm Central Time, Monday-Friday, excluding GE Healthcare holidays

Exergen: 4 years

Microenvironment and Phototherapy consumable components: 1 month

Corometrics® Fetal Monitoring: Warranty includes: (i) warranty starting on the earlier of (a) if GE Healthcare or Customer installs, 5 days after installation or (b) 40 days after shipment; and (ii) 2 years parts, 1 year labor

Corometrics® Nautilus Transducers: 2 years

Lullaby Phototherapy System: 3 years on lamp assembly

Blood pressure cuffs and related adaptors and air hoses: 1 month

Anesthesia Monitor Mounting Solutions: If purchased directly from GE Healthcare, it will be warranted as a GE Healthcare Product

Tec 850 Vaporizers: 3 years

Tec 6 Plus Vaporizers: 2 years

CARESCAPE Gateway: 1 year

CARESCAPE Bridge: 1 year

Vscan Air and Vscan Air Vet Warranty: 3 years with the exception of the battery and peripherals which are covered for 1 year. Warranty covers defective parts and components and includes: (i) a replacement unit, and (ii) phone support from 7am to 7pm Central Time, Monday-Friday, excluding GE Healthcare holidays. For an additional charge, GE Healthcare may provide additional battery and/or coverage for damage due to accidental dropping or mishandling

[[!tag01!]]

From: Leandro, Robert A.
To: Lightbourne, Ena
Subject: [External] RE: Replacement Equipment Exemption Request-MRI-Frye Regional Medical Center-Request for Information
Date: Thursday, August 10, 2023 6:13:54 PM
Attachments: 20230810_1809225338.PDF

Ena,

Please see the attached the complete quote. Let me know if you have any questions.

Robb

Robert Leandro
Partner

Find our latest health care analysis here

PNC Plaza | 301 Fayetteville Street | Suite 1400 | Raleigh, NC 27601
Office: 919.835.4636 | Fax: 919.834.4564 | map

Visit our website at
www.parkerpoe.com

From: Lightbourne, Ena <ena.lightbourne@dhhs.nc.gov>
Sent: Thursday, August 10, 2023 3:29 PM
To: Leandro, Robert A. <robbleandro@parkerpoe.com>
Subject: Replacement Equipment Exemption Request-MRI-Frye Regional Medical Center-Request for Information

---

Hi Mr. Leandro. I Hope all is well. This is regarding the MRI Exemption request sent Last week. The quote does not include any information about the equipment. Can you provide the complete quote? Please let me know if you have any questions.

Thank you.

Ena,

Ena Lightbourne
Certificate of Need, Project Analyst
Division of Health Service Regulation, Healthcare Planning and Certificate of Need Section *(Currently,*

I am in the office on Thursdays and Fridays. For the rest of the week, I can be reached by email.)
NC Department of Health and Human Services
Office: 919-855-4610
Ena.lightbourne@dhhs.nc.gov
809 Ruggles Drive, Edgerton Building
2704 Mail Service Center
Raleigh, North Carolina 27699-2704
Twitter | Facebook | YouTube | LinkedIn
