



NC DEPARTMENT OF HEALTH AND HUMAN SERVICES

ROY COOPER • Governor
MANDY COHEN, MD, MPH • Secretary
MARK PAYNE • Director, Division of Health Service Regulation

VIA EMAIL ONLY

June 18, 2019

Lisa Griffin
llgriffin@novanthealth.org

Exempt from Review – Replacement Equipment

Record #: 2970
Facility Name: Novant Health Matthews Medical Center
FID #: 945076
Business Name: Novant Health, Inc.
Business #: 1341
Project Description: Replace existing MRI scanner
County: Mecklenburg

Dear Ms. Griffin:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency), determined that based on your letter of June 13, 2019 and your email of June 14, 2019, the above referenced proposal is exempt from certificate of need review in accordance with N.C. Gen. Stat. §131E-184(f). Therefore, you may proceed to acquire without a certificate of need the Siemens MAGNETOM Sola 1.5 Tesla fixed MRI scanner to replace the GE Healthcare HDx MRI scanner (serial #R2793). 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.

Moreover, you need to contact the Agency’s Construction and Acute and Home Care Licensure and Certification Sections to determine if they have any requirements for development of the proposed project.

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,

Handwritten signature of Julie M. Faenza

Julie M. Faenza
Project Analyst

Handwritten signature of Martha J. Frisone

Martha J. Frisone
Chief

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

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

HEALTHCARE PLANNING AND CERTIFICATE OF NEED SECTION

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

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## Faenza, Julie M

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**From:** Faenza, Julie M  
**Sent:** Friday, June 14, 2019 2:11 PM  
**To:** Griffin, Lisa L (CON)  
**Subject:** RE: [External] FW: NH Matthews Medical Center MRI

Yes, that's sufficient! Thank you.

Julie M. Faenza, Esq.  
Project Analyst, Certificate of Need  
Division of Health Service Regulation, Healthcare Planning and Certificate of Need Section North Carolina  
Department of Health and Human Services

919 855 3873 office  
Julie.Faenza@dhhs.nc.gov

-----Original Message-----

From: Griffin, Lisa L (CON) <lgriffin@novanthealth.org>  
Sent: Friday, June 14, 2019 1:39 PM  
To: Faenza, Julie M <Julie.Faenza@dhhs.nc.gov>  
Subject: [External] FW: NH Matthews Medical Center MRI

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<mailto:report.spam@nc.gov>

Julie,

Is the email below sufficient to document that the existing MRI scanner at NH Matthews Medical Center will be replaced and not return without proper CON approval?

Thank you,

Lisa Griffin  
(704) 384 - 3462

-----Original Message-----

From: Murphy, Chris <cmurphy@medquestmail.com>  
Sent: Friday, June 14, 2019 12:27 PM  
To: Griffin, Lisa L (CON) <lgriffin@novanthealth.org>  
Subject: NH Matthews Medical Center MRI

Hi Lisa,

I received your message. The current MRI at MRI will leave the State of North Carolina after replacement and it will not return.

Feel free to call me with any questions you may have.

Thank you,

Christopher L. Murphy

Vice President of Development  
Novant Health Imaging/ MedQuest Associates  
(336) 254-9944

----- This message and any included attachments are from NOVANT HEALTH INC. and are intended only for the addressee(s). The information contained herein may include trade secrets or privileged or otherwise confidential information. Unauthorized review, forwarding, printing, copying, distributing, or using such information is strictly prohibited and may be unlawful. If you received this message in error, or have reason to believe you are not authorized to receive it, please promptly delete this message and notify the sender by email. If you believe that any information contained in this message is disparaging or harassing or if you find it objectionable please contact Novant Health, Inc. at 1-844-266-8268 or forward the email to [reports@novanthealth.org](mailto:reports@novanthealth.org). Thank you.

June 13, 2019

**Via Email**

Julie Faenza, Project Analyst, Certificate of Need  
N.C. Department of Health Service Regulation  
809 Ruggles Drive  
Raleigh, North Carolina 27603



2085 Frontis Plaza Boulevard  
Winston-Salem, NC 27103

Re: Novant Health Matthews Medical Center  
Replacement Equipment Exemption Notice  
Fixed MRI Scanner  
Matthews, North Carolina (FID # 945076; Mecklenburg County)

Dear Ms. Faenza:

Novant Health Matthews Medical Center (NHMMC) intends to replace an existing fixed MRI scanner located in the MRI Department at the hospital in Matthews, North Carolina pursuant to N.C. Gen. Stat. 131E-184(f). The existing MRI scanner was last enhanced in 2008 and is in need of technological upgrading and expanded capabilities. Therefore, NHMMC will acquire a new Siemens MAGNETOM Sola 1.5 Tesla fixed MRI scanner. See **Attachment A** for the Equipment quote. Also included is a quote for a breast coil system and an injector. The vendor will provide onsite clinical training for the new equipment. The existing MRI scanner is to be removed by Siemens and traded in as indicated on Page 10 of the scanner Equipment Quote. The total capital cost for the proposed replacement equipment project is estimated to be \$2,175,038<sup>1</sup>. See **Attachment B** for the Projected Capital Cost form.

NHMMC's project meets the requirements set forth in N.C. Gen. Stat. 131E-184(f) for "replacement equipment" that exceeds two million (\$2,000,000) threshold in the following ways:

**Main Campus:**

The existing and replacement fixed MRI scanner are and will be located in the MRI suite at the Novant Health Matthews Medical Center, which is located at 1500 Matthews Township Parkway, Matthews, North Carolina, 28105. See **Attachment C** for a map of the campus and a map of the First Floor indicating the location of the MRI suite.

**Previous Certificate of Need:**

The existing MRI scanner was upgraded in 2008 and was originally acquired through a Certificate of Need in 2001 (Project ID # F-006379-01). **Attachment D** documents this MRI scanner is still in use with an excerpt of the most recent 2019 Hospital License Renewal Application (LRA) for NHMMC.

**Replacement Equipment:**

The proposed project meets the definition of "replacement equipment" found in G.S. 131E-176(22a) and 10A N.C.A.C 14C.0303 for the following reasons:

<sup>1</sup> The project cost does not include sales, property or excise taxes as NHMMC is not subject to these taxes as a non-profit, tax-exempt organization.

- (1) NHMMC will replace the existing MRI scanner with the proposed equipment that is functionally similar and will be used for the same diagnostic purposes, although it possesses expanded capabilities due to technological improvements.
- (2) The proposed equipment will not be used to provide a new health service.
- (3) The acquisition of the proposed equipment will not result in more than a 10% increase in patient charges or per procedure operating expenses within the first twelve months after the replacement equipment is acquired.

See **Attachment E** for the Replacement Equipment Comparison Form.

In support of our request, please find attached:

- Attachment A** – Vendor Equipment Quotes
- Attachment B** – Project Capital Costs
- Attachment C** – Campus & First Floor Maps
- Attachment D** – 2019 LRA Excerpt
- Attachment E** – Equipment Comparison Form

NHMMC's acquisition of the replacement equipment does not require a certificate of need because none of the definitions of "new institutional health services" set forth in N.C.G.S. Section 131E-176(16) apply to the proposed project. As outlined above, the total cost for the project is \$2,175,038. The proposed capital cost includes equipment, as well as studies, surveys, designs, plans, working drawings, specifications, construction installation and other activities essential to making the equipment operational.

Based on the information provided, please confirm that NHMMC's replacement equipment exemption request does not constitute a new institutional health service and is exempt from certificate of need review.

If you need additional information, please do not hesitate to contact me at (704) 384 - 3462.

Sincerely,



Lisa Griffin  
Manager, Planning/Certificate of Need  
Novant Health, Inc.

Enclosures

## **ATTACHMENT A –**

### **Equipment Quotes:**

- **Siemens MRI Scanner**
- **Invivo Breast Coil System**
- **Bayer Healthcare Injector**

Siemens Medical Solutions USA, Inc.  
40 Liberty Boulevard, Malvern, PA 19355  
Fax: (866) 309-6967



SIEMENS REPRESENTATIVE  
Karen Dixon - (865) 360-8644

## PRELIMINARY PROPOSAL

Customer Number: 0000012492

Date: 5/29/2019

PRESBYTERIAN HOSPITAL MATTHEWS  
1500 MATTHEW TOWNSHIP PKWY  
MATTHEWS, NC 28105-4656

Quotation expires 9/30/19

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Quote Nr: 1-PA7UAX Rev. 5

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### MAGNETOM Sola

All items listed below are included for this system: (See Detailed Technical Specifications at end of Proposal.)

Qty	Part No.	Item Description
1	14460300	<p><b>MAGNETOM Sola - System</b></p> <p>MAGNETOM Sola - the first 1.5T BioMatrix system - leverages the intelligent combination of Tim 4G and the Siemens unique BioMatrix technology to be ready to embrace the unique set of challenges that each and every patient brings to the MRI exam.</p> <p>System Design</p> <ul style="list-style-type: none"><li>- Short and open appearance (157 cm total system length cover-to-cover and 70 cm Open Bore Design) to reduce patient anxiety and claustrophobia</li><li>- Whole-body superconductive Zero Helium Boil-Off 1.5T magnet</li><li>- Weight-optimized magnet technology based on high performance 3T and 7T magnet design</li><li>- Actively Shielded water-cooled Siemens gradient system for maximum performance</li></ul> <p>Evolving from Total Imaging matrix, MAGNETOM Sola comprises a new technology that addresses the intrinsic biovariability in humans - BioMatrix Technology.</p> <p>BioMatrix Technology is designed to address different aspects of patient variability and is built on three key technological clusters:</p> <p>BioMatrix Sensors: anticipate challenges before they happen with respiratory sensors integrated in the spine coil to measure the patient's respiratory signal as soon as the patient is on the table in either head-first or feet-first position.</p> <p>BioMatrix Tuners: adapt and correct the field inhomogeneities induced by patient's individual anatomies with CoilShim and SliceAdjust technologies for robust and repeatable IQ.</p> <p>BioMatrix Interfaces: easily manage any type of patient with intelligent interfaces such as Select&amp;GO panels to accelerate workflow without compromising quality.</p> <p>Tim 4G (Total imaging matrix in the 4th generation) for excellent image quality and speed</p> <ul style="list-style-type: none"><li>- Siemens unique DirectRX technology enabling all digital-in/digital-out design</li><li>- Dual-Density Signal Transfer Technology</li></ul> <p>Push-button exams with GO technologies</p>



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**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description
		Select&GO DotGO Recon&GO MR View&GO Tim Application Suite allowing excellent head-to-toe imaging - Neuro Suite - Angio Suite - Cardiac Suite - Body Suite - Onco Suite - Breast Suite - Ortho Suite - Pediatric Suite - Scientific Suite
1	14456328	<b>BioMatrix Technology #Vi</b> The new and unique BioMatrix technology addresses the different aspects of patient bio-variability. It is based on three technological clusters: - BioMatrix Sensors address patient physiology, in order to anticipate challenges - BioMatrix Tuners address patient anatomy, in order to adapt to all patients, especially critical ones. - BioMatrix Interfaces address user interaction with the patient, to accelerate the workflow in the face of patient variability.
1	14460161	<b>MR General Engine #Vi</b> syngo.MR General Engine extends Numaris/X by adding dedicated workflows and tools for routine and advanced reading of MR examinations. A generic MR Basic workflow is provided, as well as specific MR Neurology, MR Prostate Reading, MR Breast Reading, and MR Cardio-Vascular workflows.
1	14456321	<b>Brain Dot Engine #Se</b> The Brain Dot Engine provides guided and automated workflows customizable to the site specific standards of care for general brain examinations. The Brain Dot Engine supports the user in achieving reproducible image quality with increased ease of use and time efficient exams. The brain workflow can be personalized to the individual patient condition and clinical need. Several predefined strategies are included, which can be easily selected with one click. They can be changed at any time during the brain workflow.
1	14461775	<b>DotGO Routine Package #BM</b> The DotGO Routine Package includes both: - Spine Dot Engine and - Large Joint Dot Engine.  As a package they offer a comprehensive set of workflows with guidance and automation, for standardized image quality in Spine and MSK MR imaging. The Spine Dot Engine provides the functionality of Inline Composing and Tim Planning Suite for streamlining workflows in all spine imaging. Tools, such as auto-positioning and vertebral recognition with AutoAlign Spine, AutoCoverage and Spine Labelling support and optimize reproducibility for your cervical, thoracic and lumbar spine imaging for all clinical indications. The Large Joint Dot Engine enhances standardization of the knee, hip and shoulder workflows and optimizes reproducible image quality by incorporating automation tools, such as anatomically based auto-positioning (AutoAlign). Dedicated imaging techniques, such as Advanced WARP, are included and can help to expand the access of diagnostic MRI to a broader range of patient types.

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Qty	Part No.	Item Description
1	14441748	<b>Quiet Suite #T+D</b> Quiet Suite enables complete, quiet examinations for neurology and orthopedics with at least 70% reduction in sound pressure levels.
1	14460162	<b>Tim Whole Body Suite #Vi</b> Tim Whole Body Suite puts it all together. This suite enables table movement for imaging of up to 205 cm (6' 9") FoV without compromise. In combination with Tim's newly designed ultra-high density array higher spatial and temporal resolution can be achieved along with unmatched flexibility of any coverage up to Whole Body. For faster exams and greater diagnostic confidence.
1	14460227	<b>Tim Planning Suite #Vi</b> With the Tim Planning Suite, multiple regions in the entire body can be examined in a minimum of time through measurement planning on a single FoV of any desired size.
1	14456329	<b>syngo TimCT FastView #Vi</b> TimCT FastView is the one go localizer for the whole body or large body regions such as the whole spine or the whole abdomen. It acquires the complete extended Field of View in one volume with isotropic resolution. Transverse, coronal and sagittal reformats of the volume are calculated inline and displayed for planning subsequent exams. - Inline reconstruction of the localizer images during the scan. - Localizing images in three planes over the maximum Field of View available for subsequent planning in all orientations. - TimCT FastView runs without laser light positioning to further streamline the workflow for several indications.
1	14460160	<b>Advanced Diffusion #Vi</b> QuietX DWI and RESOLVE together make up the Advanced Diffusion package.  QuietX DWI enables quieter diffusion-weighted imaging of the brain with up to 70% reduction in sound pressure relative to conventional diffusion-weighted imaging. RESOLVE (Readout Segmentation Of Long Variable Echo-trains) is a multi-shot, readout segmented EPI sequence for high-resolution, low-distortion diffusion-weighted imaging (DWI). This technique is largely insensitive to susceptibility effects, providing anatomically accurate diffusion imaging for the brain, spine, breast and prostate. In combination with syngo.MR Tractography, RESOLVE enables excellent white-matter tract imaging even in regions of high susceptibility, such as the spine.
1	14456327	<b>WARP &amp; Advanced WARP #Vi</b> WARP and Advanced WARP (SEMAC) integrates different techniques tailored to reduce susceptibility artifacts caused by orthopedic MR-conditional metal implants.
1	14456237	<b>Advanced Cardiac Incl. PSIR #Vi</b> This package contains special sequences and protocols for advanced cardiac imaging including 3D and 4D BEAT functionalities. It supports advanced techniques for ventricular function imaging, dynamic imaging, tissue characterization, coronary imaging, and more.
1	14456323	<b>Inline Composing syngo #Se</b> Automatic anatomical or angiographic composing of multiple adjacent coronal or sagittal images for presentation and further evaluation. Composed images can be automatically loaded into Graphical Slice Positioning for scan planning purposes.
1	14456281	<b>syngo Expert-i</b> This software application enables remote access to the system (connected via local area network) for planning and processing.
1	14460302	<b>Tim [204x48] XJ Gradient #So</b> Tim [204x48] XJ-gradients performance level Tim 4G's RF system and innovative coil architecture enables high-resolution imaging and increased throughput. The system provides a maximum number of 204 channels (coil elements) that can be connected simultaneously. Flexible parallel imaging is achieved by the standard 48 independent RF channels that can be used simultaneously in one single scan and in one single FOV, each generating an independent partial image.

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**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description
		XJ - gradients The XJ 33/125 gradients are designed for high performance and linearity to support clinical whole body imaging at 1.5T. The XJ gradients combine 33 mT/m peak amplitude with a slew rate of 125 T/m/s. The force compensated gradient system minimizes vibration levels and acoustic noise.
		High-performance measurement and reconstruction system.
1	14460306	<b>Standard Coil Package, 48-ch #So</b> This package includes: - BioMatrix Head/Neck 20 fillable with CoilShim - BioMatrix Spine 32 with Respiratory Sensors - Body 18 - Flex Large 4 - Flex Small 4 - Flex Coil Interface
1	14460415	<b>BioMatrix Dock. Table w/ eDrive #So</b> The BioMatrix Dockable Table with eDrive is designed for maximum patient comfort and smooth patient preparation. The BioMatrix Dockable Table with eDrive can support up to 250 kg (550 lbs) without restricting the vertical or horizontal movement. The BioMatrix eDrive provides motorized assistance for easy maneuverability of the table.
1	14460410	<b>Silver &amp; White Design #So</b> MAGNETOM Sola is available in two different light and appealing design variants which perfectly integrate into different environments. The Silver & White Design Variant comprises a brilliant white front design ring with integrated unique Select&GO panels. The smoothly embracing deco area on the left side and the outer rings in the front and the back of the system is colored in brilliant silver. The table cover is presented also in the same color and material selection.
1	14456270	<b>PC Keyboard US English #Vi</b> Standard PC keyboard with 105 keys.
1	14460419	<b>High-End Computing [204x48] #So</b> Tim 4G power computing upgrade for MAGNETOM Sola Tim [204x48]. This upgrade brings a high-end image reconstruction computer to the Tim [204x48] configuration.
1	14456238	<b>Peripheral Pulse Unit #Vi</b> Peripheral Pulse Unit for Pulse Triggering
1	14402527	<b>SWI #Tim</b> Susceptibility Weighted Imaging is a high-resolution 3D imaging technique for the brain with ultra-high sensitivity for microscopic magnetic field inhomogeneities caused by deoxygenated blood, products of blood decomposition and microscopic iron deposits. Among other things, the method allows for the highly sensitive proof of cerebral hemorrhages and the high-resolution display of venous cerebral blood vessels.
1	14416923	<b>Abdomen Dot Engine #T+D</b> The Abdomen Dot Engine: Personalized Exam Strategies - Guidance - Automatic sequence scaling - Auto Navigator - Auto-FoV - Timeline setup and monitoring - Automatic Voice Commands - Auto Bolus Detection - Inline radial range calculation for MRCP - Inline Subtraction - Inline Registration
1	14441761	<b>LiverLab #T+D</b> LiverLab is a system guided workflow to examine the hepatic fat and iron status, as part of the Abdomen Dot Engine.
1	14456267	<b>CS GRASP-VIBE #Vi</b> Compressed Sensing GRASP-VIBE (Golden-Angle Radial Sparse Parallel) makes it possible to conduct dynamic contrast-enhanced abdominal exams in free breathing. Acquisition is performed in one continuous run, using a golden-angle stack-of-stars radial scheme that confers robustness towards motion and the flexibility to choose the

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Qty	Part No.	Item Description
		temporal resolution at reconstruction time. The temporal resolution may even vary over the duration of the scan. Reconstruction is performed using a Compressed Sensing accelerated iterative algorithm with per-voxel through-time regularization. The combination of features enables for free-breathing abdominal exams with both robust diagnostic image quality and the high temporal resolution required to capture the dynamic phases of contrast enhancement. Additional features: - Auto Bolus Detection at reconstruction time - Configuration of exam phases in terms of start time relative to the auto-detected bolus arrival, duration, temporal resolution, and pre-selection for export to PACS - Self-gating for further reduction of residual motion blur - Includes FREEZEit+ #VI
1	14409198	<b>Native syngo #Tim</b> Integrated software package with sequences and protocols for non-contrast enhanced 3D MRA with high spatial resolution. syngo NATIVE particularly enables imaging of abdominal and peripheral vessels and is an alternative to MR angiography techniques with contrast medium, especially for patients with severe renal insufficiency.
1	08464740	<b>Flow Quantification #Tim</b> Special sequences for quantitative assessment of flow.
1	14456247	<b>syngo.MR Cardiac Flow #1</b> syngo.MR Cardiac Flow processes velocity-encoded MR images to evaluate blood flow dynamics e.g. in the heart and the great vessels. The application generates quantitative results for physicians in the diagnostic process. The MR cardiac interactive reporting template is included.
1	14461619	<b>Turbo Suite Essential #BM</b> Turbo Suite Essential comprises established acceleration techniques to maximize productivity for all contrasts, orientations and all routine imaging applications from head-to-toe.
1	14469017	<b>Turbo Suite Excelerate #BM</b> Turbo Suite Excelerate comprises continuous access to cutting edge acceleration techniques such as Simultaneous Multi-Slice and Compressed Sensing for static 2D and static 3D imaging applications in Neuro, MSK and Body MRI.
1	14469020	<b>Turbo Suite Excelerate Support</b> Turbo Suite Excelerate Support provides Future Security for Turbo Suite Excelerate: - In consideration of Customer's purchase of the MAGNETOM MR scanner and simultaneous purchase of a 4 year point of sale Service Agreement with Evolve, and should such Evolve Upgrade installed during the term of the Service Agreement enable operation of static Compressed Sensing options and/or Simultaneous Multi-Slice options, then Customer may choose to receive up to four options from the suite of static Compressed Sensing and Simultaneous Multi-Slice application options at no additional cost.
1	14441809	<b>Body 30 #1.5T</b> The Tim 4G coil technology with Dual Density Signal Transfer and SlideConnect Technology combines key imaging benefits: excellent image quality, high patient comfort, and unmatched flexibility: - 30 channels or up to 46 (in combination with the Spine 32) - Dual Density Signal Transfer - Ultra light-weight - Highly flexible viscoelastic material - SlideConnect Technology  The Body 30 features: - 30-element design with 30 integrated preamplifiers (5 clusters of 6 elements each) - Can be combined with further coils for larger coverage - Can be positioned in different orientations (0°, 90°, 180°, 270°) for patient specific adaptations - No coil tuning - IPAT compatible in all directions

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Qty	Part No.	Item Description
		<p>The highly flexible design allows the usage for:</p> <ul style="list-style-type: none"><li>- Thorax (incl. heart)</li><li>- Abdomen</li><li>- Pelvis (incl. prostate)</li><li>- Hip</li><li>- Angiography</li></ul> <p>Dedicated protocols are provided for abdominal imaging.</p> <p>Typically combined with:</p> <ul style="list-style-type: none"><li>- Spine 32</li><li>- Body 18</li><li>- Body 18 long (optional)</li><li>- Peripheral Angio 36 (optional)</li><li>- Body 30 (optional)</li></ul>
1	14460315	<p><b>Shoulder Shape 16 #So</b></p> <p>The Shoulder Shape 16 combines the known benefits of Tim 4G coil technology with new highly flexible materials, resulting in unmatched image quality, high patient comfort and easy handling. The Shoulder Shape 16 for examinations of the left or right shoulder consists of an iPAT-compatible 16-channel shoulder coil in a flexible shoulder cup that can be shaped around small and large shoulders. An L-shaped cushion for easy positioning of the patient is included. The 16-element coil with 16 integrated pre-amplifiers ensures maximum signal-to-noise ratio. Shoulder Shape 16 will be connected via a SlideConnect plug for fast and easy coil set-up and patient preparation.</p>
1	14416961	<p><b>Hand/Wrist 16 #Ae</b></p> <p>The new Tim 4G coil technology with Dual Density Signal Transfer and SlideConnect Technology combines key imaging benefits: excellent image quality, high patient comfort, and unmatched flexibility.</p> <p>Hand/Wrist 16 for examinations of the left or right hand and wrist region consists of a base plate and an iPAT compatible 16-channel coil and allows high-resolution imaging of the wrist and the hand within one examination. Hand/Wrist 16 will be connected via a SlideConnect plug for fast and easy patient preparation.</p>
1	14460423	<p><b>Tx/Rx Knee 18 #So</b></p> <p>New 18-channel transmit/receive coil optimized for knee imaging. The spacious design with a flared opening towards the thigh allows scanning even of large and swollen knees with exceptional image quality and signal to noise ratio.</p> <p>Main features :</p> <ul style="list-style-type: none"><li>- 18-element design (3x6 coil elements) with 18 integrated preamplifiers</li><li>- iPAT-compatible</li><li>- SlideConnect Technology</li></ul>
1	14416962	<p><b>Foot/Ankle 16 #Ae</b></p> <p>The new Tim 4G coil technology with Dual Density Signal Transfer and DirectConnect Technology combines key imaging benefits: excellent image quality, high patient comfort, and unmatched flexibility.</p> <p>Foot/Ankle 16 for examinations of the left or right foot and ankle region consists of a base plate and an iPAT compatible 16-channel coil and allows high-resolution imaging of the foot and ankle within one examination. Foot/Ankle 16 is a cable-less coil and will be connected via DirectConnect for fast and easy patient preparation.</p>
1	14416972	<p><b>Tim Coil Interface 1.5T</b></p> <p>Coil adapter plug for up to 8 receive and 1 transmit channels, in order to connect existing dedicated knee and breast coils (Tx/Rx 15-channel Knee Coil, CP Extremity Coil, 4-channel BI Breast Coil, 16-channel AI Breast Coil, (2/4)/8-channel Sentinelle BreastCoil and (2/10)/16-channel Sentinelle BreastCoil) with all MAGNETOM 1.5T Systems using Tim 4G-technology.</p>
1	14426332	<p><b>Tx/Rx CP Head Coil #Ae</b></p> <p>Circularly polarized no-tune transmit/receive coil with an open patient-friendly design. The integrated transmit mode allows volume selective excitation. Integrated, extremely low-noise pre-amplifiers permit very high signal-to-noise</p>

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**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description
		ratio. Furthermore, the coil is outfit with SlideConnect Technology, allowing for easier patient preparation and less table time for the patient.
1	14407259	<b>MR Workplace Table, height adjust.</b> The table is suitable for the syngo Acquisition Workplace and the syngo MR Workplace based on syngo hardware. This 110V version has motorized table height adjustment.
1	14407261	<b>MR Workplace Container, 50cm</b> 50 cm wide extra case for the syngo host computer with sliding front door to allow change of storage media (CD/DVD/USB).
1	14456241	<b>Separator 60kW/75kW #Vi</b> The SEP (Separation cabinet) has to be used if a central hospital chilled water supply is available or if a chiller of any brand/type is already available. The SEP is the interface between the on-site water chiller (of any brand or type) or the interface to the central hospital cooling water supply. For the above-mentioned cases the SEP is mandatory!
		In these cases, the primary water specifications must fulfill the requirements (i.e. 60 kW (for XK/XQ gradient) / 75kW (for XT gradient) heat dissipation; 100+-10l/min flow; 6 to 14°C (for XQ gradient)/6 to 12°C (for XT gradient) water temperature; pH value 6 to 8, max. working pressure 6 bar).
		Dimensions: 1950mm x 650mm x 650mm (height x width x depth) Weight: approx. 350kg
1	14460249	<b>UPS system #Vi</b> UPS system Liebert GXT4 3000RT230E for MAGNETOM Vida for safeguarding computers. Including Power Cable of 9 m for connecting the UPS. Power output: 3.0 kVA / 2.7 kW Bridge time: 3 min full load / 12 min half load Input voltage: 230 VAC
1	14456316	<b>UPS Battery module (Liebert GXT4 BATT)</b> UPS battery module Liebert GXT4 72VBATTE for MAGNETOM Aera, Skyra, Prisma, ESSENZA, Amira, Spectra, CI for safeguarding computers. Extension for: Liebert GXT4 3000RT230E (14456315) Battery type: Closed, maintenance-free Extension of the bridge time to: 21 minutes full load / 48 min half load with one module Dimensions (H x D x W): Battery module: 430 x 602 x 85 mm
		Weight: approx. 46 kg
1	14456228	<b>System Start Timer #Vi</b> Timer clock that can be installed together with the MAGNETOM MR system to start the system automatically at user-definable times, eliminating waiting times during system boot up.
1	MR_STD_RIG_INST	<b>MR Standard Rigging and Installation</b> MR Standard Rigging and Installation

This quotation includes standard rigging and installation of your new MAGNETOM system

Standard rigging into a room on ground floor level of the building during standard working hours (Mon. - Fri./ 8 a.m. to 5 p.m.)

It remains the responsibility of the Customer to prepare the room in accordance with the SIEMENS planning documents

Any rigging requiring a crane over 80 tons and/or special site requirements (e.g. removal of existing systems, etc.) is an incremental cost and the responsibility of the Customer.

Siemens Medical Solutions USA, Inc.  
 40 Liberty Boulevard, Malvern, PA 19355  
 Fax: (866) 309-6967

**SIEMENS**  
**Healthineers**   
 SIEMENS REPRESENTATIVE  
 Karen Dixon - (865) 360-8644

**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description
		All other out of scope charges (not covered by the standard rigging and installation) will be identified during the site assessment and remain the responsibility of the Customer.
1	MR_BTL_INST ALL	<b>MR Standard Rigging &amp; Install</b>
1	MR_PREINST_ DOCK	<b>T+D Preinstall kit for dockable table</b>
1	MR_CRYO	<b>Standard Cryogens</b>
1	MR_PM	<b>MR Project Management</b> A Siemens Project Manager (PM) will be the single point of contact for the implementation of your Siemens equipment. The assigned PM will work with the customer's facilities management, architect or building contractor to assist you in ensuring that your site is ready for installation. Your PM will provide initial and final drawings and will coordinate the scheduling of the equipment, installation, and rigging, as well as the initiation of on-site clinical education.
1	MRISMNS0001	<b>MRI Patient Audio System</b> The MRI Patient Audio System is to be installed in the technologist room and is connected to the Siemens intercom system. The package provides the following benefits:  Create custom, commercial-free radio stations based on artist, song or genre preferences Avoid any AM/FM tuning issues that may occur in RF-shielded rooms Compatible with all popular audio apps (e.g. TuneIn, Spotify, iTunes, Audible, iHeartRadio, Pandora, etc.)  Includes amplifier; all cables and adapters; Bose Companion 2 technologist speakers; 3.5 mm to RCA cable; and customized IPAD Mini with all original accessories and TuneIn Radio Pro App (pre-paid and installed).  The MR Stereo can play regular radio, internet radio (depending on quality of and access to radio wave signals and Wi-Fi signals) and device (iPAD) stored audio content. Optimal performance requires access to radio wave signals for regular radio and Wi-Fi signals for internet radio through the facility's wireless network.  Installation is not included unless purchased with the Siemens system.  Includes 3 year limited liability warranty on all system components through MRaudio.
1	MR_SYDOT_W KSP	<b>MR syngo Dot Onsite Workshop</b> This 2-day onsite workshop for MR imaging professionals focuses on the MR syngo(r) Dot user interface and operating software implemented on our MAGNETOM(r) MRI systems. Through the use of demonstrations, lecture, and hands-on labs using Siemens' simulation consoles, participants will learn the basic principles and workflow of patient examinations. Prior to implementing this workshop, Siemens's will initiate a pre-workshop call with the identified facility contact to determine specific needs for the training. Depending on the MAGNETOM system type that is the focus of the workshop, the maximum number of attendees may vary from 8 to 12 - this will be determined during the pre-workshop call. Attendees will receive workbooks. This onsite workshop is scheduled consecutively (Monday - Friday) during standard business hours. This educational offering must be completed (12) months from purchase or install end date. If training is not completed within the applicable time period, Siemens' obligation to provide the training will expire without refund.
1	MR_INITIAL_32	<b>Initial onsite training 32 hrs</b> MR_INITIAL_32 Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	MR_FOLLOWU P_32	<b>Follow-up training 32 hrs</b> Up to (32) hours of follow-up on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12)

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SIEMENS REPRESENTATIVE  
 Karen Dixon - (865) 360-8644

**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description
		months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	MR_FOLLOWU P_24	<b>Follow-up training 24 hrs</b> Up to (24) hours of follow-up on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	MR_ELEARN	<b>e.learning CEU subscription (12 mths)</b> This (12) month multi-modality e.learning subscription will provide access for (10) imaging professionals at the customer site to utilize up to (50 CEUs). This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	MR_P_CONVR SNPRG	<b>Conversion Training Assurance Program</b> This conversion assurance program is designed to help customers successfully transition to Siemens imaging systems. The program consists of (1) on-site consultation of up to 12 hours conducted by a Siemens Clinical Education Specialist and a specialized bundle of 5 web based e-learning modules up to support and optimize turnover training for up to 8 users. Up to 50 CE's may be available for users via the WBT e-learning modules. The consultation session will focus on the evaluation of your current procedures, clinical workflows and protocols and will also provide an overview of how your new Siemens system's features will benefit your overall workflow. Your Siemens specialist will also review the schedule and focus of other affiliated training that may have been acquired with your system purchase. This educational offering must be completed by the later of (12) months from install end date or purchase date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund
1	MR_ADD_32	<b>Additional onsite training 32 hours</b> Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist if applicable. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
2	MR_A_INT_DO T_BCLS	<b>MR Dot Training Class</b> Tuition for (1) imaging professional to attend Classroom Course at Siemens Training Center. The objectives of this class are to introduce the user interface of the common syngo platform, including Dot, and instructions on building protocols, demonstration of software functions, and hands-on sessions. This class includes lunch, economy airfare, and lodging for (1) imaging professional. All arrangements must be arranged through Siemens designated travel agency. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	DTSWO2250M R60	<b>Dimplex chiller - 60 kW</b> The Dimplex Thermal Solutions outdoor, air-cooled, water/glycol chiller has been specially designed for medical applications to provide stable, fully dedicated cooling. 60 kW water/glycol air-cooled heat exchanger/chiller package for outside installation. Features dual tandem refrigerator circuits and dual redundant pumps. Unit also includes fluid reservoir and controls as well as remote control display to monitor the heat exchanger package operation from indoors at the operator's work station. This design also includes the features to meet the specification of OSHPD requirements. For use with Siemens SEP cabinet. Features: Dual 10 hp compressor, dual refrigerant circuits to smoothly transition through the 25 to 100% heat load capacity cycles of patient scanning and idling Energy savings and quiet operation when minimal cooling is required between patient use, and overnight for facilities located amongst residential areas Full capacity cooling enabling optimized utilization Dual, redundant fluid pumps, with automatic switch-over ensures no loss of flow Pricing also includes: Filter & flow meter kit



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**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description
		Service package including two start-up visits (one upon cold head start-up, one at commissioning), one PM visit during 12 month P&L warranty period. One year warranty through Dimplex Thermal Solutions.
		Customer is responsible for rigging and installation. Customer is responsible for providing glycol as specified by the manufacturer.
		Coastal, low ambient temperature and split chillers are available.
1	XPAS_DTS_ST ARTUP	<b>Start-up of DTS chiller</b>
1	MR_GOKNEE3 D	<b>GOKnee3D</b> GOKnee3D is a 10-minute, push-button examination for diagnostic imaging of the knee developed and clinically validated by the US board certified MSK radiologists at John Hopkins University Hospital. GOKnee3D exam consists of AutoAlign localizer in the knee, PD weighted contrast and T2 weighted contrast with fat suppression. The AutoAlign technology provides a push-button functionality and ensures consistency in imaging. The 3D protocols are high resolution and isotropic, enabled by SPACE sequence with CAIPIRINHA technique. SW syngo MR E11C AP04 is required for GOKnee3D. Examination time for 3T system is 10 minutes, for a 1.5T system is up to 11 minutes. All given examination times are examination only, adjustments have been excluded. Applies to measurements only with 15channel knee coil.
1	MRLOC_ABDM DOT	<b>Local Offset - Abdomen Dot Engine</b>
1	MR_PR_DOTE NG1	<b>Dot Engine 1 pricing offset</b> To be eligible for this promotion, a binding purchase order including the purchase of any DOT Engine must be received by Siemens by September 31, 2019.
1	SY_PR_TEAM PLAY	<b>teamply Welcome &amp; Registration Package</b> teamply is a cloud-based network that brings together your imaging modality users, the systems' dose and utilization data, and the users' expertise to help you improve the delivery of care to your patients. Basic features are provided free of charge. Premium features (benchmarking, non-Siemens devices) are provided on a trial basis for three months at no charge, and may be used thereafter on a subscription fee basis. To register: <a href="http://teamply.siemens.com/#/institutionRegistration/1">http://teamply.siemens.com/#/institutionRegistration/1</a>
1	MR_BUDG_AD DL_RIG	<b>Budgetary Add'l/Out of Scope Rigging</b>
2	MR_FSA_FUN D	<b>Funding for MR Flexible Spending Account</b>
1	MR_TRADE_IN _ALLOW	<b>MR Trade-in-Allowance</b>

**System Total: \$1,560,611** MRI



Invivo Corporation  
 3650 NE 53rd Avenue  
 Gainesville, FL 32609  
 Tel :1-877-INVIVO1  
 Fax :1-352-264-3432

REPRINT

Quote Date : 02/08/2019      Page 1 / 6      Quote Number : 2300980723

Expiration Date : 09/30/2019

Payment Terms: Net 30 Days

## Formal Quote

Shipto: 94023727  
 Novant Health Matthews Medical Center  
 1500 Matthews Township Pkwy  
 MATTHEWS NC 28105-4656  
 UNITED STATES

Quote Contact : Cammey Hjelmeland  
 Lead Sales Agent :Larry Crosby  
 Telephone Number :1-877-INVIVO1  
 Fax Number:1-352-264-3432

Sold to : 94023727  
 Novant Health Matthews Medical Center  
 1500 Matthews Township Pkwy  
 MATTHEWS NC 28105-4656  
 UNITED STATES

Customer:  
 Novant Health Matthews Medical Center  
 1500 Matthews Township Pkwy  
 MATTHEWS NC 28105-4656  
 UNITED STATES

Special Comments:

Customer Number: 94023727

Federal EIN: 13-3429115

Incoterms: FOB FACTORY

Item	Article - type number/ description	Quantity	Unit	Unit price	Total amount (USD)
------	------------------------------------	----------	------	------------	--------------------

0010	989603213232      Sent SMS Aera 1.5T 16ch Breast Coil	1.00	PCE		74,240.00
------	---	------	-----	--	-----------

**9896-032-13232 [Sentinelle Area 16ch Breast Coil System\*]**

The Sentinelle 16-Chanel Breast Coil System is a tabletop coil design providing diagnostic and interventional capabilities. This system supports high speed-up factors for parallel imaging and the ability to perform advanced imaging applications including spectroscopy and diffusion weighted imaging. The coil also features our patented Variable Coil Geometry with independently adjustable left and right elements to optimize the signal-to-noise ratio for each patient.

\*requires system software level (Minimum):  
 Area -> D13A + AP\_HC  
 Area 24+ -> D13E



REPRINT

Invivo Corporation  
 3650 NE 53rd Avenue  
 Gainesville, FL 32609  
 Tel :1-877-INVIVO1  
 Fax :1-352-264-3432

Quote date : 02/08/2019      Page 2 / 6      Quote number : 2300980723

Expiration Date  
 09/30/2019

Payment Terms:  
 Net 30 Days

## Formal Quote

Item	Article - type number/ description	Quantity	Unit	Unit price	Total amount (USD)
------	------------------------------------	----------	------	------------	--------------------

- Tabletop support for breast MR patients
- 16 Channel Bilateral Coil Array
  - Variable Coil Geometry
  - Interventional Coil Array
  - Independent multi-adjustable immobilization plates
  - Integrated patient headrest
  - Surgical grade visco-elastic foam padding
  - Contralateral Breast Support
  - Sterile Biopsy Grids (Box of 10)
  - Coil Operator's Manual

**Installation, Training, Warranty & Service:**

- One year warranty on coil and stretcher table
  - Includes two service maintenance visits for stretcher table within warranty period
  - On-site installation and loading of scanning protocols
  - Two days of on-site applications training:
    - > One day for coil diagnostic imaging training
    - > One day for coil interventional training
  - Additional on-site training is available for purchase
- Clinical Solutions Applications Training - Cancellation Policy and Charges

Invivo considers Applications Training an important service that it provides to its customers. It is important for a Customer to understand that such training has certain costs and expenses. Therefore, in the event a Customer schedules this training and then cancels its participation in this training the Customer must pay a cancellation charges to cover Invivo's costs and expenses. Customer agrees to pay the following cancellation charges:



REPRINT

Invivo Corporation  
 3650 NE 53rd Avenue  
 Gainesville, FL 32609  
 Tel :1-877-INVIVO1  
 Fax :1-352-264-3432

Quote date : 02/08/2019	Page 3 / 6	Quote number : 2300980723
Expiration Date 09/30/2019		
Payment Terms: Net 30 Days		
<b>Formal Quote</b>		

Item	Article - type number/ description	Quantity	Unit	Unit price	Total amount (USD)
------	------------------------------------	----------	------	------------	--------------------

- \* If the Customer cancels training more than 15 days prior to the Applications Training Date there is no cancellation charge;
- \* If the Customer cancels training within 15 days but not less than 8 days prior to the Applications Training Date there is a flat cancellation charge of \$1500.00;
- \* If the Customer cancels training within 7 calendar days prior to the Applications Training Date there is a flat cancellation charge of \$2500.00.

Invivo and Customer agree that the above charges are commercially reasonable cancellation charges and are due immediately upon the Customer's receipt of Invivo's invoice for cancellation charges.

0020	989603213812	COMPANION CART	1.00	PCE	3,132.00
------	--------------	----------------	------	-----	----------

Sentinel Breast MRI Tabletop Companion Cart.

Net Value w/out Exp Ship Chg	77,372.00
Total tax	5,609.47
<b>Total</b>	<b>82,981.47</b>

Breast Coil

# Quotation continued



Quotation prepared for: Presbyterian Hospital Matthews

Issued on 2/7/2019

Valid until 9/30/2019

## Products and Services Details

MRXperion - Medrad® MRXperion™ MR Injection System(s) and Related Products/Services						
MRXperion™ Injector System						
Item(s)	Catalog No.	Qty	Contracted Price	Trade-In Amount	Multi-Unit Discount	YOUR PRICE
Medrad® MRXperion® MR Injection System	MRXP 200	1	\$34,000.00	\$ 0.00	\$0.00	\$34,000.00
Installation - Medrad® MRXperion MR Injection System	INS.MRXP	1	\$0.00	\$ 0.00	\$0.00	\$2,400.00
Penetration panel kit - Medrad® MRXperion MR Injection System	84680761	1	\$1,625.00	\$ 0.00	\$0.00	\$1,625.00
<b>Subtotal</b>						<b>\$38,025.00</b>

<b>TOTAL</b>	<b>\$38,025.00</b>
<b>GRAND TOTAL</b> (Local taxes, shipping and/or handling to be invoiced when applicable)	<b>\$38,025.00</b>

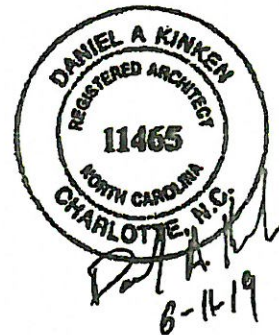
*Injector*

If your organization is tax exempt, please notify Sales Support at 1-800-633-7231.

**ATTACHMENT B –**  
**• Projected Capital Cost Form**

**Projected Capital Cost Form  
MMC MRI Replacement Equipment**

Building Purchase Price	
Purchase Price of Land	
Closing Costs	
Site Preparation	
Construction/Renovation Contract(s)	\$ 415,200
Landscaping	
Architect / Engineering Fees	\$ 50,750
Medical Equipment	\$ 1,681,617
Non-Medical Equipment	\$ -
Furniture	
Consultant Fees (Specify)	\$ -
Financing Costs	
Interest during Construction	
Other (Shielding Modification)	\$ 27,471
<b>Total Capital Cost</b>	<b>\$ 2,175,038</b>



**CERTIFICATION BY A LICENSED ARCHITECT OR ENGINEER**

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

D.A. Kinken  
Signature of Licensed Architect or Engineer

Date Signed: 6-11-19

**CERTIFICATION BY AN OFFICER OR AGENT FOR THE PROPONENT**

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

Roberto Beltran  
Signature of Officer/Agent

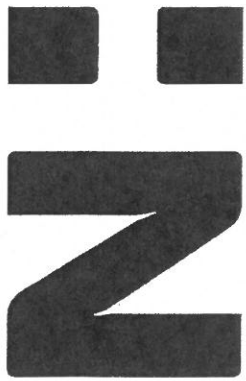
Date Signed: 6.11.19

President / COO  
Title of Officer/Agent

① MRI \$ 1,560,611  
 Coil 82,981  
 Injector 38,025  
1,681,617

**ATTACHMENT C –  
NHMMC Campus & First Floor Maps**

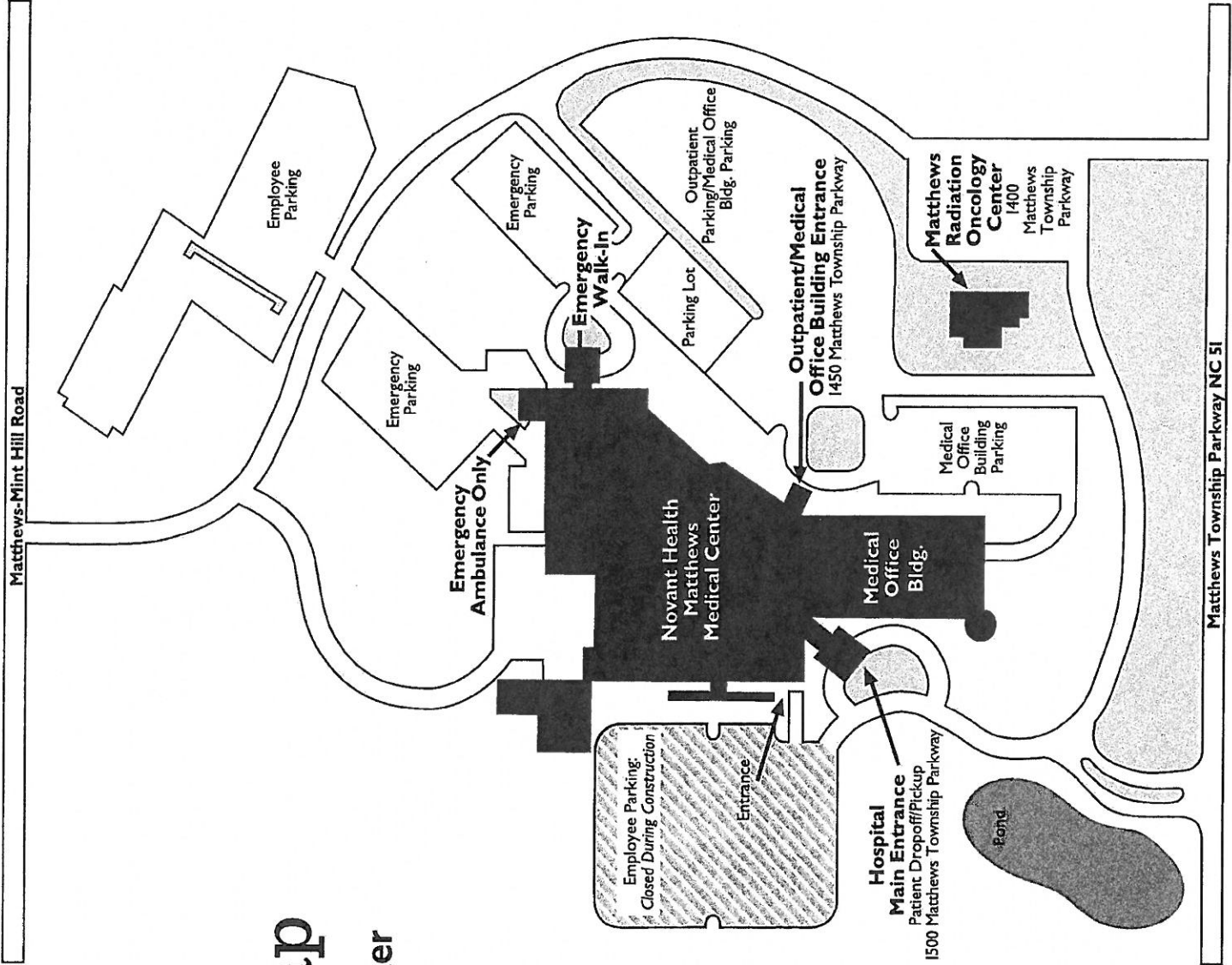


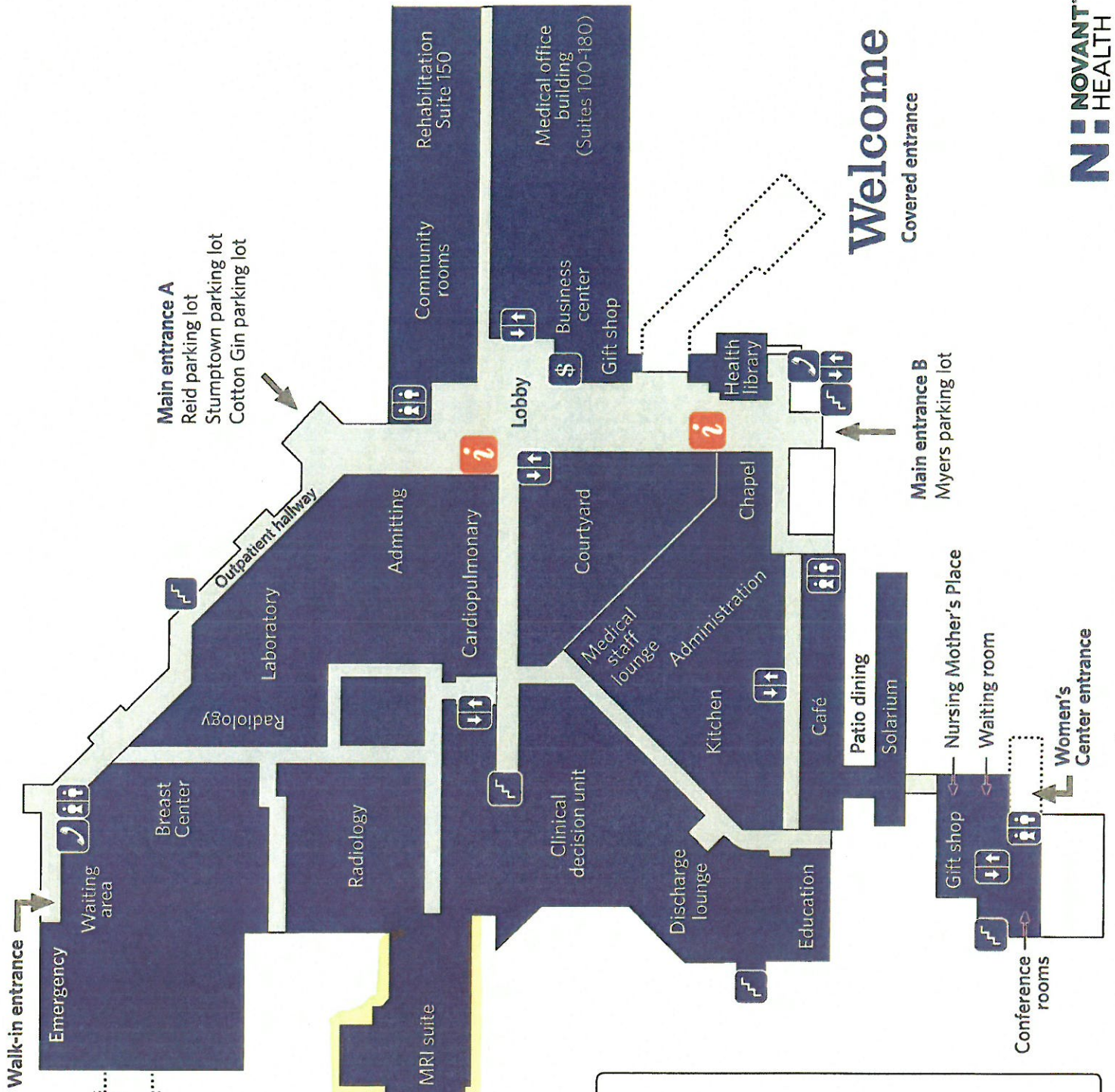


# Campus map

## Matthews Medical Center

1500 Matthews Township Parkway  
Matthews, NC 28105  
NovantHealth.org





**First floor**

**Novant Health Matthews Medical Center**

- Information
- Stairs
- Elevator
- Restrooms
- Pay phone
- Vending
- ATM

**ATTACHMENT D –  
NHMMC 2019 LRA Excerpt**

2019 Renewal Application for Hospital:  
Novant Health Matthews Medical Center

License No: 110270  
 Facility ID: 945076

All responses should pertain to October 1, 2017 through September 30, 2018.

**Instructions for Hospitals with multiple campuses:** For MRI Services, (Sections 10b-10e, pp 17-18), do not provide cumulative/combined data for all campuses. Provide data for individual campuses only.

**b. MRI Procedures**

Indicate the number of procedures performed on MRI scanners (units) operated during the 12-month reporting period at your facility. For hospitals that use equipment at multiple sites/campuses, please copy the MRI pages and provide separate data for each site/campus. Campus – *if multiple sites:* \_\_\_\_\_

Procedures	Inpatient Procedures*			Outpatient Procedures*			TOTAL Procedures
	With Contrast or Sedation	Without Contrast or Sedation	TOTAL Inpatient	With Contrast or Sedation	Without Contrast or Sedation	TOTAL Outpatient	
Fixed	349	834	1183	2621	3831	6452	7635
Mobile (performed only at this site)	0	0	0	0	0	0	0
<b>TOTAL**</b>	<b>349</b>	<b>834</b>	<b>1183</b>	<b>2621</b>	<b>3831</b>	<b>6452</b>	<b>7635</b>

\* An MRI procedure is defined as a single discrete MRI study of one patient (single CPT-coded procedure). An MRI study means one or more scans relative to a single diagnosis or symptom.

\*\* Totals must be greater than or equal to the totals in the MRI Patient Origin Table on page 30 of this application.

Note: Healthcare Planning and Certificate of Need may request CPT codes for MRI procedures if further clarification is needed.

**c. Fixed MRI Scanners**

Indicate the number of MRI scanners (units) operated during the 12-month reporting period at your facility. For hospitals that operate medical equipment at multiple sites/campuses, please copy the MRI pages and provide separate data for each site/campus. Campus – *if multiple sites:* \_\_\_\_\_

Fixed Scanners	Number of Units
Number of fixed MRI scanners-closed, including open-bore scanners (do not include any Policy AC-3 scanners)	1
Number of fixed MRI scanners-open (do not include any Policy AC-3 scanners)	0
Number of Policy AC-3 MRI scanners used for general clinical purposes	0
<b>Total Fixed MRI Scanners</b>	<b>1</b>

Number of grandfathered fixed MRI scanners on this campus: NA

For questions, please contact Healthcare Planning and Certificate of Need at 919-855-3873.

CON Project ID numbers for all other fixed MRI scanners on this campus: MRI: CON

Project ID # F-066379-01

**ATTACHMENT E –  
Equipment Comparison Form**

**EQUIPMENT COMPARISON**

Novant Health Matthews Medical Center MRI Scanner Replacement	EXISTING EQUIPMENT	REPLACEMENT EQUIPMENT
Type (e.g., Cardiac Catheterization, Gamma Knife®, Heart-lung bypass machine, Linear Accelerator, Lithotriptor, MRI, PET, Simulator, CT Scanner, Other Major Medical Equipment)	MRI	MRI
Manufacturer	GE Healthcare	Siemens
Model number	HDx	MAGNETOM Sola
Other method of identifying the equipment (e.g., Room #, Serial Number, VIN #)	R2793	Serial Number/Asset Number
Is the equipment mobile or fixed?	Fixed	Fixed
Date of acquisition	October 2008	TBD
Was the existing equipment new or used when acquired? / Is the replacement equipment new or used?	New	New
Total projected capital cost of the project <Attach a signed Projected Capital Cost form>	NA	\$2,175,038
Total cost of the equipment	\$895,000	\$1,681,617
Location of the equipment <Attach a separate sheet for mobile equipment if necessary>	MMC MRI Dept.	MMC MRI Dept.
Document that the existing equipment is currently in use	See current LRA	NA
Will the replacement equipment result in any increase in the average charge per procedure?	NA	No
If so, provide the increase as a percent of the current average charge per procedure	NA	No
Will the replacement equipment result in any increase in the average operating expense per procedure?	NA	No
If so, provide the increase as a percent of the current average operating expense per procedure	NA	NA
Type of procedures performed on the existing equipment <Attach a separate sheet if necessary>	MRI imaging	NA
Type of procedures the replacement equipment will perform <Attach a separate sheet if necessary>	NA	MRI imaging

Date of last revision: 5/17/19