



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

November 27, 2019

Lisa Griffin llgriffin@novanthealth.org
Andrea Gymer agymer@novanthealth.org

Exempt from Review – Replacement Equipment

Record #: 3147
Facility Name: Novant Health Clemmons Medical Center
FID #: 080517
Business Name: Forsyth Memorial Hospital, Inc.
Business #: 755
Project Description: Replace existing CT scanner
County: Forsyth

Dear Ms. Griffin:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency), determined that based on your letter of November 26, 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 Edge 128 CT scanner to replace the Siemens Somatom Definition AS20, Serial # 66411, CT 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.

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,

Celia C. Inman
Celia C. Inman
Project Analyst

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
https://info.ncdhhs.gov/dhsr/ • TEL: 919-855-3873

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER



November 26, 2019

**Via Email**

2085 Frontis Plaza Boulevard  
Winston-Salem, NC 27103

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

Re: Novant Health Clemmons Medical Center  
Replacement of CT Scanner  
Clemmons, North Carolina (FID # 080517; Forsyth County)

Dear Ms. Inman:

Novant Health Clemmons Medical Center (NHCMC) intends to replace an existing CT scanner located in the Radiology Department at the hospital in Clemmons, North Carolina. The existing CT scanner acquired in 2012 when the hospital was first opened only has a 20-slice capability and to maintain consistency and standards within Novant Health facilities, the seven-year old CT scanner is in need of upgrading. Therefore, NHCMC is seeking to replace the existing scanner with a 128-slice scanner. See **Attachment A** for the Equipment Quote including the removal and trade-in of the existing unit indicated on page 1 and page 4. Also included in the Equipment Costs is an injector.

The existing CT scanner is still in use, as reported on the Annual License Renewal Application (LRA) in **Attachment B**. As part of the equipment cost, the vendor will provide onsite clinical training for the equipment. The total capital cost for the proposed replacement equipment project is estimated to be \$1,493,957<sup>1</sup>. See **Attachment C** for the Project Capital Cost Form.

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:

- (1) NHCMC will replace the existing CT 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.
- (4) NHCMC seeks to replace comparable medical equipment currently in use at project costs less than \$2 million.
- (5) The existing equipment was not purchased second-hand nor was the existing equipment leased.
- (6) The existing equipment will be removed from North Carolina.

---

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

Re: NHCMC Replacement of CT Scanner  
November 26, 2019  
Page 2

In support of our request, please find attached:

- Attachment A** – Vendor Equipment Quotes
- Attachment B** – Excerpt of 2019 LRA
- Attachment C** – Project Capital Costs Summary
- Attachment D** – Equipment Comparison chart

NHCMC'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 \$1,493,957. 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 NHCMC'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 [lgriffin@novanthealth.org](mailto:lgriffin@novanthealth.org)

Sincerely,



Lisa Griffin  
Manager, Operational Planning  
Novant Health, Inc.

Enclosures

# **ATTACHMENT A**

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

**SIEMENS REPRESENTATIVE**  
Stuart Waddey - (919) 605-9227

**PRELIMINARY PROPOSAL**

Customer Number: 0000035729

Date: 9/18/2019

**NOVANT HEALTH INC**  
3333 SILAS CREEK PKWY  
WINSTON-SALEM, NC 27103-3013

Trade-in of existing Definition AS20 required.

Multi-unit or Multi-modality purchase required.

---

Quote Nr: **1-R1YE6G Rev. 0**

---

**SOMATOM Definition Edge**

All items listed below are included for this system:

Qty	Part No.	Item Description	Extended Price
1	14450061	<p><b>SOMATOM Definition Edge</b></p> <p>The SOMATOM Definition Edge is based on the revolutionary Stellar Detector. It allows the generation of ultra-thin slices of 0.5 mm facilitating a spatial resolution of 0.30 mm. With its improved SNR, the Stellar Detector can handle low signals much more efficiently, thus delivering more diagnostic quality with less patient radiation. The novel design of the Stellar Detector with TrueSignal Technology provides HiDynamics, an extended dynamic range that improves the image detail level especially at low kV datasets.</p> <p>The system features unique Split Filter Technology (optional), which enables routine ready TwinBeam Dual Energy imaging by simultaneous acquisition of a tin filtered and gold filtered spectrum as well as low dose non-contrast imaging using the Tin Filter part only. With the combination of the Stellar Detector and the TwinBeam Dual Energy scan mode (optional), the SOMATOM Definition Edge allows adding tissue characterization to morphology.</p> <p>CT-guided interventional procedures 2D Basic Intervention (3D optional) and HandCARE(tm) are included as standard. The system is equipped with SAFIRE and can optionally be upgraded to Siemens 2nd generation iterative reconstruction, ADMIRE. Furthermore iterative metal artifact reduction iMAR (optional) helps to improve diagnostic confidence when metal artifacts are involved.</p> <p>With these unrivaled features, the SOMATOM Definition Edge enters new frontiers in medical imaging that will exceed expectations.</p>	\$591,300
1	14428228	<p><b>ELEVATE R 10-/24-slice&gt;Edge Config.</b></p> <p>Elevate from 10-/24-slice configuration system to SOMATOM Definition Edge.</p>	\$0
1	14450086	<p><b>Edge Imaging Package</b></p> <p>We combine our market leading technologies and applications to make this the most personalized scanner for our customers. Including SureView, High Pitch Spiral 1.7, Adaptive</p>	\$0

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



SIEMENS REPRESENTATIVE  
 Stuart Waddey - (919) 605-9227

**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description	Extended Price
		Dose Shield, CARE Dose 4D, CARE kV, CARE Child, CARE Profile, CARE Dashboard, CARE Bolus, Dose MAP, FAST Adjust and SAFIRE.	
1	14450091	<b>Edge Reading Package</b> We combine our market leading applications to make reading and reporting consistent, fast and simple for our customers. Includes VRT and Workstream 4D.	\$12,150
1	14428223	<b>SAFIRE #AWP</b> The Sinogram Affirmed Iterative Reconstruction (SAFIRE) enhances spatial resolution, reduces image noise and increases sharpness by introducing multiple iteration steps in the reconstruction process. The resulting high image quality enables to reduce dose by up to 60%.	\$70,875
1	14444220	<b>iMAR #AWP</b> The iMAR metal artifact reduction algorithm combines three successful approaches (beam hardening correction, normalized sinogram inpainting and frequency split). This allows to reduce metal artifacts caused by metal implants such as coils, metal screws and plates, dental fillings or implants.  iMAR is compatible with extended FoV, the extended CT scale as well as the newest dose reduction feature.  Along with the new algorithm comes the simple user interface of iMAR enabling easy reconstruction of clinical images with reduced metal artifacts.	\$16,200
1	14402943	<b>Extended Field of View</b> Software program with special reconstruction algorithms that allow for visualization of objects using a FoV up to 78 cm (non-diagnostic image quality). License to use software on a single unit.	\$1,620
1	14450096	<b>Edge Function - Cardiac Package</b> Cardiac scanning options to enable a simple to use, routine cardiac CTA and calcium scoring workflows. Includes: Heart View, Cardio Best Phase Plus, syngo Calcium Scoring CT and FAST Phase.	\$60,750
1	14449406	<b>Physiological Measurement Module</b> The Physiological Measurement Module allows connection of a 3 Channel ECG cable for ECG controlled cardiac acquisition.  Item includes ECG cable	\$1,620
1	14440804	<b>Adapt. 3D Intervent. Suite Wireless</b> The complete solution for 2D and 3D non fluoroscopic and 2D fluoroscopic minimal invasive volume interventions. The Adaptive 3D Intervention Suite contains Adaptive 3D Intervention for 3D volume intervention. Intervention Pro for spiral and sequential non-fluoroscopic interventional procedures and complete organ coverage with maximal flexibility and with minimal single click effort i-Fluoro CT allows for 2 dimensional interventional fluoroscopic procedures i-Control CT supports interventional procedures as independent remote unit Foot switch for radiation release (x-ray).	\$32,400
1	14420910	<b>Table Side Rails</b> Side rails enable the quick and easy attachment of additional accessories such as an infusion bottle holder and i-control intervention module to the standard patient table.	\$1,418

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

**SIEMENS REPRESENTATIVE**  
Stuart Waddey - (919) 605-9227

**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description	Extended Price
1	14402961	<p><b>Dual 19 Monitor #D</b></p> <p>Siemens proprietary syngo software visualizes the examination workflow in individual process steps on so-called task cards, such as the patient registration, examination, viewing or 3D task card. The dual monitor feature enables the split of the syngo task cards on two monitors in two different ways. This option includes the syngo dual monitor software and a second high resolution, flicker-free, 19-inch (48 cm) color flat panel display for medical diagnostic applications. This display provides a resolution of 1280 x 1024 and has a wide viewing angle, features high contrast even under high ambient light conditions. Display light output stability is ensured by controlled backlight throughout the whole lifetime.</p> <p>Possibility one: One monitor displays the viewing task card, for instance for the interactive review of image data. All other syngo task cards are displayed on the second monitor.</p> <p>Possibility two: Both monitors display the 3D-Basic task card, enabling the viewing and manipulation of two different datasets on two monitors. It enables the comparison of two series from the same patient e.g. pre- and post-contrast or the comparison of two studies from the same patient e.g. pre- and post-surgery.</p>	\$4,455
1	14447344	<p><b>Dual Monitor Ceiling Support</b></p> <p>The dual monitor solution enables access to images and scan data while interacting with the patient in the scan room. The high resolution, flicker free, 19-inch (48 cm) color flat panel displays are mounted at the ceiling support. The space-saving ceiling installation along with the large movement range of the support allows maximum operating convenience when positioning the monitor.</p> <p><b>Ceiling Support Base</b> Ceiling support for the accommodation and safe installation of one or two flat screen monitors in the examination room.</p> <p>19 flat screen monitor (2x) The 19 monitors support CT interventions and CT fluoroscopy with a display in the examination room.</p>	\$8,100
1	14410477	<p><b>UHR</b></p> <p>UHR mode delivers Ultra High resolution in plane of up to 24lp/cm for high defined imaging of small structures such as inner ear, joints or fractures of the bone</p>	\$10,125
1	14444221	<p><b>Standard IRS</b></p> <p>Reconstruction computer for the preprocessing and reconstruction of the CT raw data. The reconstruction computer contains of a cluster of high-performance GPU boards performing the preprocessing and reconstruction of the CT data. The peak reconstruction performance is up to 50 frames/sec.</p>	\$0
1	14450098	<p><b>Advanced Workflow</b></p> <p>We combine our market leading applications to make positioning simple for our customers. Item includes: Rear Cover incl.gantry panels, FAST Topo, FAST Planning, FAST 3D Align and CARE Topo.</p>	\$11,948
1	14444228	<p><b>Patient Table Def. Edge 2000mm</b></p> <p>Patient table to support up to 200cm scan range. Motor-driven table height adjustment from min. 49 cm to max. 92 cm, longitudinal movement of the tabletop 200 cm in increments of 0.5 mm, positioning accuracy +/- 0.25 mm from any direction. Horizontal scan range 200 cm. Table height can be controlled alternatively by means of foot switch (2 each on both sides of the patient table). In the case of emergency stop or power failure, the tabletop can also be moved manually in horizontal direction. Max. table load: 227 kg/500 lbs, Table feed speed: 1-200 mm/s, Distance between gantry front and table base 40 cm.</p> <p>Positioning aids: Mattress protector, head-arm support (inclusive cushion), and non-tiltable</p>	\$0

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



SIEMENS REPRESENTATIVE  
 Stuart Waddey - (919) 605-9227

**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description	Extended Price
		head holders with positioning cushion set, patient restraining system for head fixation, restraining-strap set with body fixation strap that can be directly connected to the patient table top, headrest, table extension, knee-leg support.	
1	14402979	<b>Mat for Patient Table</b> For the comfortable positioning of the patient on the CT table.	\$324
1	14428526	<b>Cooling System Air</b> SOMATOM Definition Edge air cooling for the dissipation of heat generated in the gantry.	\$0
1	14402956	<b>Computer Desk</b> New CT desk to accommodate the control components and color monitor. Width: 1200 mm, Depth: 800 mm, Height: 720 mm.	\$446
1	14402933	<b>Computer Cabinet</b> New cabinet to accommodate the computer system and UPS. Matched to the design of the control console table. Width: 800 mm, Depth: 800 mm, Height: 720 mm	\$567
1	CT_PM	<b>CT 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.	\$0
1	CT_BUDG_AD DL_RIG	<b>Budgetary Add'l/Out of Scope Rigging @ \$7,000</b>	\$7,000
1	CT_BTL_INST ALL	<b>CT Standard Rigging and Installation</b>	\$9,000
1	CT_PR_ELV_E DGE	<b>CT Edge Elevate Bonus</b>	- \$50,000
1	CT_TRADE_IN _ALLOW	<b>Trade-in of existing Definition AS</b>	\$0
1	4SPAS014 PSPD250480Y	<b>Low Contrast CT Phantom &amp; Holder</b>	\$2,600
1	3K	<b>Surge Protective Device (SPD)</b>	\$2,700
1	CTSDEF01	<b>CT Slicker</b> Thermoseal seams and flaps deflect fluids, reducing contaminant penetration into the cushion and table. Contaminants are retained on the tabletop or shunted to the floor. Cleanup is faster, more thorough, and contaminant build-up is reduced. Built using heavy, clear, micro matte vinyl, and top grade hook and loop fastening strips (Velcro) to better fit the specified table. Custom vinyl resists tears and minimizes radiologic interference. Latex free. Set includes CT Skirts. Shipped with main cover, a catheter bag holder, and 3 restraining belts unless otherwise noted. Includes warranty from RADSCAN Medical.	\$318
1	SURE_VIEW	<b>SureView</b> Provides exceptional image quality at any pitch setting, enabling you to scan faster because you can scan at any pitch without degrading image quality	\$0



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

SIEMENS REPRESENTATIVE  
Stuart Waddey - (919) 605-9227

PRELIMINARY PROPOSAL

Qty	Part No.	Item Description	Extended Price
1	FAST_SCAN_ASSIST	<b>FAST Scan Assistant</b> FAST Scan Assistant: An intuitive user interface for solving conflicts by changing the scan time, resp. the pitch and/or the maximum tube current manually.	\$0
1	ADAPT_DOSE_SHIELD	<b>Adaptive Dose Shield</b> Adaptive Dose Shield for spiral acquisition to eliminate pre- and post-spiral over-radiation.	\$0
1	CARE_DOSE4D	<b>CARE Dose4D</b> CARE Dose4D delivers the highest possible image quality at the lowest possible dose for patients - maximum detail, minimum dose. Adaptive dose modulation for up to 60% dose reduction	\$0
1	CT_LUNGIMG_EDGE	<b>Lung Imaging</b> For well over a decade, CT has been recognized and used as the standard of care for lung nodule detection and sizing. This is due to CT's spatial resolution, geometric accuracy, and ability to create various reconstructions and 3D views. The high contrast environment in the chest between the lungs and the nodules makes for a relatively easy detection task for clinicians using CT images. Recent advances in CT technology have allowed these scans to be effectively performed at lower doses, higher resolutions, and faster scan times.  The SOMATOM Definition Edge CT is indicated for use in low dose lung cancer screening for high risk populations*. The Edge is delivered with two specific scan protocols to provide low dose lung cancer screening exams at approximately 1.3 mGy CTDI for a standard size adult. These default protocols utilize Siemens proprietary dose reducing features such as CARE Dose4D(tm), automatic exposure control technology that modulates and adapts dose for every patient, for high image quality at low dose.  *As defined by professional medical societies.	\$0
1	CT_TILTED_SPIRAL	<b>Gantry tilt incl. tilted spiral</b> Allows for sequential scanning with a tilted gantry between +/- 30°, depending on the vertical position of the table. Using the gantry tilt sensitive organs (like eye lenses) can be moved out of the scan range or it eases access during interventional procedures. The tilted spiral allows to utilize the gantry tilt for spiral scan modes.	\$0
1	ACCESS_PROTECT	<b>Access Protection</b> Scan Protocols are password protected allowing only authorized staff members to access and permanently change protocols	\$0
1	NEMA_XR-29	<b>NEMA_XR-29 Standard</b> This system is in compliance with NEMA XR-29 Standard Attributes on CT Equipment Related to Dose Optimization and Management, also known as Smart Dose.	\$0
1	CT_UPS_DEFINITION_EDGE	<b>Standard UPS for Definition Edge</b> The standard partial system uninterruptible power system (UPS) is built directly into the power distribution cabinet (PDC) and supports the critical circuits for table and gantry electronics, console computer, image reconstruction system, and the internal Ethernet switch (to ensure connectivity). This enables safe removal of patient if outage occurs during scanning.  The UPS allows for a safe shutdown of the CT scanner in the event of power interruption. The UPS provides 5-7 minutes of power, during which the user is prompted and guided through the process to perform a safe shutdown of the system. This safe shutdown ensures that no data is lost.	\$0
1	CT_EDUOPTIO N5	<b>Clinical Education &amp; Training: Option 5</b> Siemens offers multiple options for clinical education and training on your new system. These options enable a more personalized approach to the introduction to system operation,	\$0

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

**SIEMENS REPRESENTATIVE**  
Stuart Waddey - (919) 605-9227

**PRELIMINARY PROPOSAL**

Qty	Part No.	Item Description	Extended Price
		features, and benefits and will help ensure that your technologists and physicians have the opportunity to engage in the level of training that best meets your current clinical needs and business objectives.	
		The following items are the education and training modules are highly recommended for the operation of your new Siemens system and are most effective for sites where technologists and/or physicians have limited experience on Siemens' systems. In addition to covering routine procedures, this option also provides additional opportunities to learn more specialized procedures and further increase efficiencies.	
1	CT_INITIAL_32	<b>Initial onsite training 32 hrs</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. 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.	\$7,800
1	CT_FOLLOWU P_16	<b>Follow-up training 16 hrs</b> Up to (16) 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.	\$4,900
1	CT_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.	\$6,300
1	SY_PR_TEAM PLAY	<b>teampay Welcome &amp; Registration Package</b> teampay 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://teampay.siemens.com/#/institutionRegistration/1">http://teampay.siemens.com/#/institutionRegistration/1</a>	\$0

**System Total: \$814,915**

# Quotation continued



Quotation prepared for: Forsyth Medical Center Imaging

Issued on 10/31/2019

Valid until 1/31/2020

## Products and Services Details

### Stellant - Medrad® Stellant® Injection System(s) and Related Products/Services

Item(s)	Catalog No.	Qty	Unit List Price	Contracted Price	YOUR PRICE
Medrad® Stellant Flex® CT Injection System	Stellant Flex OCS	1	\$30,250.00	\$30,250.00	\$30,250.00
Certegra Patient Weight Dosing Software - Pulmonary Angiography Application	CWKS P3TPA	1	\$4,500.00	\$4,500.00	\$4,500.00
Installation - Medrad® Stellant® FLEX CT Injection System - Overhead Counterpoise System	INS SCT FLEX CS	1	\$3,185.00	\$0.00	\$3,185.00

**Subtotal** \$37,935.00

**TOTAL** \$37,936.00

**GRAND TOTAL** (Local taxes, shipping and/or handling to be invoiced when applicable) \$37,936.00

All Pricing is in U.S. Currency.

1/1

# **ATTACHMENT B**

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

NOVANT HEALTH CLEMENS MEDICAL CENTER

d. Mobile MRI Services Campus – if multiple sites: NHCMC  
 During the reporting period

1. Did the facility own one or more mobile MRI scanners? \_\_\_ Yes  No

If Yes, how many? \_\_\_\_\_ Of these, how many are grandfathered? \_\_\_\_\_  
 CON Project ID numbers for non-grandfathered mobile scanners owned by facility: \_\_\_\_\_

Did the facility contract for mobile MRI services? \_\_\_ Yes  No

If Yes, name of mobile vendor: \_\_\_\_\_

e. Other MRI N/A

Patients served on units listed in the next table should not be included in the MRI Patient Origin Table on page 30 of this application. 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: \_\_\_\_\_

Other Scanners	Units	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	
Other Human Research MRI scanners								
Intraoperative MRI (IMRI)								

\* 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.

f. Computed Tomography (CT). Campus – if multiple sites: NHCMC

How many fixed CT scanners does the hospital have? 1

Does the hospital contract for mobile CT scanner services? \_\_\_ Yes  No

If yes, identify the mobile CT vendor \_\_\_\_\_

Complete the following table for fixed and mobile CT scanners.

	Type of CT Scan	FIXED CT Scanner # of Scans	MOBILE CT Scanner # of Scans
1	Head without contrast	<u>2,590</u>	<u>N/A</u>
2	Head with contrast	<u>2,782</u>	<u>N/A</u>
3	Head without and with contrast	<u>926</u>	<u>N/A</u>
4	Body without contrast	<u>2,482</u>	<u>N/A</u>
5	Body with contrast	<u>38</u>	<u>N/A</u>
6	Body without contrast and with contrast	<u>219</u>	<u>N/A</u>
7	Biopsy in addition to body scan with or without contrast		<u>N/A</u>
8	Abscess drainage in addition to body scan with or without contrast		<u>N/A</u>
	Total	<u>9,031</u>	<u>N/A</u>

# **ATTACHMENT C**

**Projected Capital Cost Form**  
**NH Clemmons Medical Center CT1 Replacement**

Building Purchase Price	
Purchase Price of Land	
Closing Costs	
Site Preparation	
Construction/Renovation Contract(s)	\$ 508,200
Landscaping	
Architect / Engineering Fees	\$ 58,550
Medical Equipment	\$ 852,850
Non-Medical Equipment	\$ -
Furniture	\$ 15,000
IT & CATV Cabling	\$ 21,000
Financing Costs	
Interest during Construction	
Other: Contingency	\$ 38,357
<b>Total Capital Cost</b>	<b>\$ 1,493,957</b>

→ \$ 814,915 CT  
 \$ 37,935 Injector  
\$ 852,850

**CERTIFICATION BY A LICENSED ARCHITECT OR ENGINEER**

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

*Nelson C. Rogers*

Signature of Licensed Architect or Engineer

Date Signed: 11/14/2019

**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.

*[Signature]*

Signature of Officer/Agent

Date Signed: 11/14/19

VP, System Professional & Support Services

Title of Officer/Agent

Novant Health, Inc.

# **ATTACHMENT D**



**EQUIPMENT COMPARISON**

NH Clemmons Medical Center CT Scanner Replacement	EXISTING EQUIPMENT	REPLACEMENT EQUIPMENT
Type (e.g., Cardiac Catheterization, Gamma Knife®, Heart-lung bypass machine, Linear Accelerator, Lithotripter, MRI, PET, Simulator, CT Scanner, Other Major Medical Equipment)	CT Scanner	CT Scanner
Manufacturer	Siemens	Siemens
Model number	Somatom Definition AS 20	Edge 128
Other method of identifying the equipment (e.g., Room #, Serial Number, VIN #)	SN 66411	TBD
Is the equipment mobile or fixed?	Fixed	Fixed
Date of acquisition	2012	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>	\$357,324	\$1,493,957
Total cost of the equipment	\$268,162	\$852,850
Location of the equipment <Attach a separate sheet for mobile equipment if necessary>	CMC Radiology Dept.	CMC Radiology Dept.
Document that the existing equipment is currently in use	See LRA enclosed	n/a
Will the replacement equipment result in any increase in the average charge per procedure?	n/a	No
If so, provide the increase as a percent of the current average charge per procedure	n/a	n/a
Will the replacement equipment result in any increase in the average operating expense per procedure?	n/a	No
If so, provide the increase as a percent of the current average operating expense per procedure	n/a	n/a
Type of procedures performed on the existing equipment <Attach a separate sheet if necessary>	CT Scans	n/a
Type of procedures the replacement equipment will perform <Attach a separate sheet if necessary>	n/a	CT Scans

Date of last revision: 5/17/19