



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

January 10, 2020

Andrea Gymer <amgymer@novanthealth.org>
Griffin, Lisa L <llgriffin@novanthealth.org>

Exempt from Review – Replacement Equipment

Record #: 3178
Facility Name: Novant Health Kernersville Medical Center
FID #: 060620
Business Name: Novant Health, Inc.
Business #: 1341
Project Description: Relocate and replace existing CT scanner
County: Forsyth

Dear Ms. Gymer:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency), determined that based on your letter of January 3, 2020, the above referenced proposal is exempt from certificate of need review in accordance with N.C. Gen. Stat. §131E-184(a)(7). Therefore, you may proceed to relocate the existing Siemens Sensation Cardiac 64, Serial # 54049 CT scanner from Novant Health Maplewood Imaging, FID #923174, to Novant Health Kernersville Medical Center and acquire without a certificate of need the Siemens Somatom CT scanner to replace the existing, relocated CT scanner, as referenced. 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 (handwritten signature)

Celia C. Inman
Project Analyst

Martha J. Frisone (handwritten signature)

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.ncdhs.gov/dhsr/ • TEL: 919-855-3873

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER



January 3, 2020

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 Kernersville Medical Center
Relocation & Replacement of CT Scanner
Kernersville, North Carolina (FID # 060620; Forsyth County)

Dear Ms. Inman:

Novant Health Kernersville Medical Center (NHKMC) intends to relocate an existing CT scanner located at Novant Health Maplewood Imaging (Maplewood) which is a hospital-based department of Novant Health Forsyth Medical Center (FID #923174) and replace it at NHKMC as a second CT scanner. The existing CT scanner at Maplewood was acquired in 2004 and due to its age it is need of upgrading. The new CT scanner would be better utilized at NHKMC as its second CT scanner. Once the existing CT scanner is relocated and replaced at NHKMC, Maplewood intends to acquire a CT scanner for less than \$750,000. A separate No Review letter will submitted to the CON Agency regarding that acquisition. See **Attachment A** for the Equipment Quotes related to the new CT scanner to be installed at NHKMC. Also included in the Equipment Costs is an injector.

The existing Maplewood CT scanner is to be removed by Siemens Healthcare as part of the costs of the new CT scanner. See **Attachment B** for an email from the Siemens Healthcare representative regarding the removal of the existing CT scanner.

The existing CT scanner at Maplewood is still in use, as documented in the letter from Chris Murphy, Vice President, included in **Attachment C**. The total capital cost for the proposed replacement equipment project is estimated to be \$1,998,959¹. See **Attachment D** for the Projected 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) NHKMC 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.

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

Re: NHKMC Replacement of CT Scanner
January 3, 2020
Page 2

- (4) NHKMC 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.

In support of our request, please find attached:

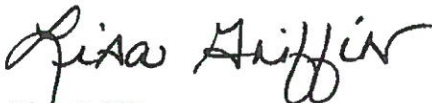
- Attachment A** – Vendor Equipment Quotes
- Attachment B** – Documentation of Removal of Existing CT Scanner
- Attachment C** - Documentation of CT Scanner Still in Use
- Attachment D** – Projected Capital Costs Form
- Attachment E** – Equipment Comparison chart

NHKMC'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 \$1,998,959. 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 NHKMC'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.

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: 0000187513

Date: 9/16/2019

KERNERSVILLE MEDICAL CENTER
 654 WISHBONE FARM RD
 KERNERSVILLE, NC 27284

Multi-unit / Multi-modality purchase required.

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

SOMATOM Definition Edge

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

Qty	Part No.	Item Description	Extended Price
1	14450061	<p>SOMATOM Definition Edge</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	14444216	<p>High-speed 0.28 s rotation</p> <p>Fast rotation time of 0.28 seconds for unprecedented image quality and highest scan speed. Fast gantry rotation times are the prerequisite for highest temporal resolution and are therefore essential for brilliant, motion free cardiovascular imaging.</p>	\$8,100
1	14444217	<p>100 kW Power</p> <p>The 100 kW power allows the X-ray generator the use of maximum power of 100kW in fine adjustable steps.</p>	\$8,100

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SIEMENS REPRESENTATIVE
 Stuart Wadley - (919) 605-9227

PRELIMINARY PROPOSAL

Qty	Part No.	Item Description	Extended Price
1	14428223	SAFIRE #AWP 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	iMAR #AWP 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	14450086	Edge Imaging Package 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 Dose Shield, CARE Dose 4D, CARE kV, CARE Child, CARE Profile, CARE Dashboard, CARE Bolus, Dose MAP, FAST Adjust and SAFIRE.	\$0
1	14450091	Edge Reading Package 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	14450098	Advanced Workflow 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.	\$11,948
1	14402943	Extended Field of View 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	Edge Function - Cardiac Package 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	Physiological Measurement Module The Physiological Measurement Module allows connection of a 3 Channel ECG cable for ECG controlled cardiac acquisition. Item includes ECG cable	\$1,620
1	14410477	UHR 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	\$10,125
1	14444221	Standard IRS 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	\$0

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SIEMENS REPRESENTATIVE
 Stuart Waddey - (919) 605-9227

PRELIMINARY PROPOSAL

Qty	Part No.	Item Description	Extended Price
		to 50 frames/sec.	
1	14444228	Patient Table Def. Edge 2000mm 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. Positioning aids: Mattress protector, head-arm support (inclusive cushion), and non-tiltable 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.	\$0
1	14402979	Mat for Patient Table For the comfortable positioning of the patient on the CT table.	\$324
1	14428526	Cooling System Air SOMATOM Definition Edge air cooling for the dissipation of heat generated in the gantry.	\$0
1	SURE_VIEW	SureView 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
1	UFC_DETECT OR	UFC Detector Ultra Fast Ceramics (UFC) technology is a unique type of scintillation technology material that quickly and efficiently transforms radiation from the X-ray tube into light signals. Its superb overall quantum efficiency and unique short afterglow enable time-critical X-ray detection at low doses and extremely fast data collection.	\$0
1	ADAPT_DOSE _SHIELD	Adaptive Dose Shield Adaptive Dose Shield for spiral acquisition to eliminate pre- and post-spiral over-radiation.	\$0
1	FAST_SCAN_A SSIST	FAST Scan Assistant 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	CARE_DOSE4 D	CARE Dose4D 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	Lung Imaging 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.	\$0

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 Stuart Waddey - (919) 605-9227

PRELIMINARY PROPOSAL

Qty	Part No.	Item Description	Extended Price
		*As defined by professional medical societies.	
1	NEURO_BEST CONTRAST	Neuro BestContrast The Neuro BestContrast algorithm can provide enhanced tissue contrast, resulting in improved contrast between gray and white matter without increasing image noise. This post processing step is rapid and can be easily incorporated into clinical workflow where it can be used with other dose reduction approaches such as iterative reconstruction.	\$0
1	DICOM_SR	DICOM SR Dose Reports DICOM structured file allows for the extraction of dose values (CTDIvol, DLP)	\$0
1	DOSE_ALERT	Dose Alert Dose Alert: Dose Alert automatically adds CTDIvol and DLP values depending on z-position (scan axis). The Dose Alert window appears, if either of these cumulative values exceeds a user-defined threshold.	\$0
1	DOSE_NOTIFI CATION	Dose Notification Dose Notification: Dose Notification provides the ability to set dose reference values (CTDIvol, DLP) for each scan range. If these reference values are exceeded the Dose Notification window informs the user.	\$0
1	ACCESS_PRO TECT	Access Protection Scan Protocols are password protected allowing only authorized staff members to access and permanently change protocols	\$0
1	CT_TILTED_S PIRAL	Gantry tilt Incl. tilted spiral 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	NEMA_XR-29	NEMA_XR-29 Standard 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_DEF_ EDGE	Standard UPS for Definition Edge 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_PM	CT Project Management A Siemens Project Manager (PM) will be the single point of contact for the implementation of your Siemen's 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	Budgetary Add'l/Out of Scope Rigging @ \$5,000	\$5,000
1	CT_BTL_INST ALL	CT Standard Rigging and Installation	\$9,000
1	4SPAS014	Low Contrast CT Phantom & Holder	\$2,600

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SIEMENS REPRESENTATIVE
 Stuart Waddey - (919) 605-9227

PRELIMINARY PROPOSAL

Qty	Part No.	Item Description	Extended Price
1	PSPD250480Y 3K	Surge Protective Device (SPD)	\$2,700
1	CTSDEF01	CT Slicker 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	SY_PR_TEAM PLAY	teampay Welcome & Registration Package 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: http://teampay.siemens.com/#/institutionRegistration/1	\$0
System Total:			\$812,730

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	\$4,600.00	\$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 **\$37,935.00**

GRAND TOTAL (Local taxes, shipping and/or handling to be invoiced when applicable)

Injector

\$37,935.00

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
Certepra 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					\$37,935.00
GRAND TOTAL (Local taxes, shipping and/or handling to be invoiced when applicable)					\$37,935.00

ATTACHMENT B



November 15, 2019

2085 Frontis Plaza Boulevard
Winston-Salem, NC 27103

Via Email

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

RE: Novant Health Imaging Maplewood
Documentation of Existing CT Scanner Still in Use

Dear Ms. Inman:

This letter serves as documentation that the existing Siemens Sensation Cardiac 64 CT Scanner is currently in use at Novant Health Maplewood Imaging located at 3155 Maplewood Avenue, Winston-Salem, North Carolina 27103. We propose to relocate this CT scanner and replace it at Novant Health Kernersville Medical Center in 2019.

Please let me know if you have questions or need more information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Chris'.

Christopher Murphy
Vice President, Development

ATTACHMENT C

Projected Capital Cost Form
NH Kenersville CT Scanner 2 (Relocation from Maplewood Imaging)

Building Purchase Price	
Purchase Price of Land	
Closing Costs	
Site Preparation	
Construction/Renovation Contract(s)	\$ 772,264
Landscaping	
Architect / Engineering Fees	\$ 69,000
Medical Equipment	\$ 850,665
Non-Medical Equipment	\$ 50,000
Furniture	\$ 40,000
IT & Cabling	\$ 38,500
Financing Costs	
Interest during Construction	
Other: Contingency	\$ 178,530
Total Capital Cost	\$ 1,998,959

————> \$ 812,730 CT
 \$ 37,935 Injector
\$ 850,665

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.

Michael O. Russell
 Signature of Licensed Architect or Engineer

Date Signed: 11-18-19

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.

 Signature of Officer/Agent

Date Signed: _____

 Title of Officer/Agent

ATTACHMENT D

ATTACHMENT B

Griffin, Lisa L (CON)

From: Murphy, Chris <cmurphy@medquestmail.com>
Sent: Tuesday, December 31, 2019 5:57 PM
To: Griffin, Lisa L (CON)
Subject: Fwd: Novant Health Maplewood CT Trade Value

Lisa,

See below from Stuart Waddey, Siemens Healthineers.

Chris Murphy
MedQuest Associates
(336) 254-9944

Begin forwarded message:

From: "Waddey, Stuart" <stuart.waddey@siemens-healthineers.com>
Date: December 31, 2019 at 5:02:45 PM EST
To: "Murphy, Chris" <cmurphy@medquestmail.com>
Subject: Novant Health Maplewood CT Trade Value

Dear Chris Murphy,

We agree to de install the existing Siemens Sensation 64 CT Scanner and KKT chiller at Novant Health Maplewood Imaging Center at 3155 Maplewood Ave., Winston Salem, NC and receive it on trade. However, due to the advanced age of the system and the low fair market there will be no credit on the proposed replacement CT quote. The residual value of the existing Sensation 64 scanner will only cover the de installation expense.

ATTACHMENT C



January 3, 2020

2085 Frontis Plaza Boulevard
Winston-Salem NC 27103

Via Email

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

RE: Novant Health Maplewood Imaging Center
Documentation of Existing CT Scanner Still in Use

Dear Ms. Inman:

This letter serves as documentation that the existing Siemens Sensation 64 CT Scanner is still in use at Novant Health Maplewood Imaging Center located at at 3155 Maplewood Avenue, Winston-Salem, North Carolina 27103. This imaging center is a hospital-based department of Novant Health Forsyth Medical Center.

Please let me know if you have questions or need more information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Chris Murphy', written over a horizontal line.

Christopher Murphy
Vice President, Development

ATTACHMENT D

Projected Capital Cost Form
NH Kenersville CT Scanner 2 (Relocation from Maplewood Imaging)

Building Purchase Price	
Purchase Price of Land	
Closing Costs	
Site Preparation	
Construction/Renovation Contract(s)	\$ 772,264
Landscaping	
Architect / Engineering Fees	\$ 69,000
Medical Equipment	\$ 850,665
Non-Medical Equipment	\$ 50,000
Furniture	\$ 40,000
IT & Cabling	\$ 38,500
Financing Costs	
Interest during Construction	
Other: Contingency	\$ 178,530
Total Capital Cost	\$ 1,998,959

—————> \$ 812,730 CT
 \$ 37,935 Injector
\$ 850,665.

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.

Michael D. Rowe CE
 Signature of Licensed Architect or Engineer

Date Signed: 11-18-19

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.

[Signature]
 Signature of Officer/Agent

Date Signed: 11/20/19

ERIC HENRY, VP PROFESSIONAL & SUPPORT SVCS
 Title of Officer/Agent
 Novant Health, Inc.

ATTACHMENT E

EQUIPMENT COMPARISON

NH Kernersville Medical Center CT Scanner #2 (Relocation from NH Maplewood)	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	Sensation Cardiac 64	Somatom
Other method of identifying the equipment (e.g., Room #, Serial Number, VIN #)	54049	TBD
Is the equipment mobile or fixed?	Fixed	Fixed
Date of acquisition	2004	TBD
Was the existing equipment new or used when acquired? / Is the replacement equipment new or used?	Used	New
Total projected capital cost of the project <Attach a signed Projected Capital Cost form>	NA ①	\$ 1,998,959
Total cost of the equipment	NA	\$ 850,665
Location of the equipment <Attach a separate sheet for mobile equipment if necessary>	Maplewood/FMC Dept.	KMC Radiology
Document that the existing equipment is currently in use	See Enclosed	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	NA
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>	CT Scans	NA
Type of procedures the replacement equipment will perform <Attach a separate sheet if necessary>	NA	CT Scans

Date of last revision: 5/17/19

① Due to the age of Equipment, HISTORICAL COSTS DATA WAS UNAVAILABLE