



DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF HEALTH SERVICE REGULATION

ROY COOPER
GOVERNOR

MANDY COHEN, MD, MPH
SECRETARY

MARK PAYNE
DIRECTOR

May 5, 2017

Robb Leandro
PO Box 389
Raleigh, NC 27602-0389

Exempt from Review

Record #: 2236
Facility Name: Wilson Medical Center
FID #: 923569
Business Name: Wilson Medical Center
Business #: 2091
Project Description: Replace CT scanner
County: Wilson

Dear Mr. Leandro:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency), determined that based on your letters of April 5, 2017 and February 14, 2017, 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 offer, develop or establish the above referenced project without a certificate of need.

However, 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 this determination is binding only for the facts represented by you. Consequently, if changes are made in the project or in the facts provided in your correspondence referenced above, a new determination as to whether a certificate of need is required would need to be made by the Agency. Changes in a project include, but are not limited to: (1) increases in the capital cost; (2) acquisition of medical equipment not included in the original cost estimate; (3) modifications in the design of the project; (4) change in location; and (5) any increase in the number of square feet to be constructed.

If you have any questions concerning this matter, please feel free to contact this office.

Sincerely,

Jatimah Wilson for
Jane Rhoe-Jones
Project Analyst

Martha J. Frisone
Martha J. Frisone
Assistant Chief Certificate of Need

cc: Construction Section, DHSR
Acute and Home Care Licensure and Certification Section, DHSR
Paige Bennett, Assistant Chief, Healthcare Planning, DHSR

HEALTHCARE PLANNING AND CERTIFICATE OF NEED SECTION
WWW.NCDHHS.GOV

TELEPHONE 919-855-3873

LOCATION: EDGERTON BUILDING • 809 RUGGLES DRIVE • RALEIGH, NC 27603

MAILING ADDRESS: 2704 MAIL SERVICE CENTER • RALEIGH, NC 27699-2704

AN EQUAL OPPORTUNITY/ AFFIRMATIVE ACTION EMPLOYER





Robert A. Leandro
Partner
Telephone: 919.835.4636
Direct Fax: 919.834.4564
robbleandro@parkerpoe.com

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

April 5, 2017

VIA ELECTRONIC MAIL

Jane Rhoe-Jones
Project Analyst
Healthcare Planning and Certificate of Need Section
North Carolina Department of Health and Human Services
2704 Mail Service Center
Raleigh, NC 27699-2704
Jane.Rhoe-Jones@dhhs.nc.gov

Re: Updated Request for No Review Determination

Dear Ms. Rhoe Jones:

This letter is intended to provide notice to the Healthcare Planning and Certificate of Need Section (the "Agency") that our client, Wilson Medical Center is planning to replace its Computed Tomography Scanner ("CT Scanner"), located at its Outpatient Imaging Center. The CT Scanner being replaced is a CT Scanner that was originally purchased in February of 2003 and located at Wilson Medical Center's main campus. In November of 2006, approval was received from the Agency to replace the CT Scanner at Wilson Medical Center's main campus with a new CT Scanner and move the CT Scanner that is being replaced now to the Outpatient Imaging Center. See Project I.D. No. L-749206. The existing CT Scanner is currently in use by the Outpatient Imaging Center. Once it is replaced it will not be used in North Carolina without first obtaining a Certificate of Need ("CON").

The approximate cost of the replacement equipment, including construction, planning, surveys, designs and other activities contemplated by N.C. Gen. Stat. § 131E-176(22a), will be approximately \$1,012,923.00. See Email Attachments. We including as attachments to this letter our original request dated February 2, 2017. A completed and signed Total Capital Cost Form, a Fact Sheet, which includes information requested by the Agency, and a detailed quote sheet for the new CT Scanner that was provided to our client by the vendor.

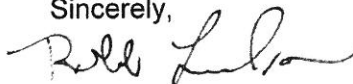
Based on the amount at issue, we believe that Wilson Medical Center's replacement project meets the requirements of 10A NCAC 14C .0303 and is exempt from CON review under N.C. Gen. Stat. § 131E-184(a)(7). Accordingly, Wilson Medical Center requests that the Agency confirm that this acquisition is not subject to CON review and that it issue a written determination so that it could move forward with replacing this equipment.

PPAB 3574481v1

April 5, 2017
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I greatly appreciate your attention to this matter. If you have any questions, please feel free to contact me directly.

Sincerely,

A handwritten signature in black ink, appearing to read "Robb Leandro". The signature is fluid and cursive, with a large initial "R" and a long, sweeping tail.

Robb Leandro

RAL:klb
Enclosure

Capital Cost
Updated
4.5.2017

PROPOSED TOTAL CAPITAL COST OF PROJECT

Project Name: Wilson Medical Center – CT Scanner Replacement
 Provider/Company: DLP Wilson Medical Center

A. Site Costs			
(1) Full purchase price of land		\$	<u>N/A</u>
Acres _____ Price per Acre	\$ _____		
(2) Closing costs		\$	_____
(3) Site Inspection and Survey		\$	_____
(4) Legal fees and subsoil investigation		\$	_____
(5) Site Preparation Costs			
Soil Borings.....		\$	_____
Clearing-Earthwork...		\$	_____
Fine Grade For Slab...		\$	_____
Roads-Paving.....		\$	_____
Concrete Sidewalks....		\$	_____
Water and Sewer.....		\$	_____
Footing Excavation...		\$	_____
Footing Backfill.....		\$	_____
Termite Treatment....		\$	_____
Other (Specify).....		\$	_____
Sub-Total Site Preparation Costs		\$	_____
(6) Other (Specify)		\$	_____
(7) Sub-Total Site Costs			\$ _____
B. Construction Contract			
(8) Cost of Materials			
General Requirements		\$	_____
Concrete/Masonry		\$	_____
Woods/Doors & Windows/Finishes		\$	_____
Thermal & Moisture Protection		\$	_____
Equipment/Specialty Items		\$	_____
Mechanical/Electrical		\$	_____
Other (Specify)	\$ _____		
Sub-Total Cost of Materials.....		\$	_____
(9) Cost of Labor.....		\$	_____
(10) Other (Specify).....		\$	_____
(11) Sub-Total Construction Contract			\$ <u>350,000.00</u>
C. Miscellaneous Project Costs			
(12) Building Purchase.....		\$	_____
(13) Fixed Equipment Purchase/Lease		\$	<u>539,923.00</u>
(14) Movable Equipment Purchase/Lease		\$	_____
(15) Furniture		\$	_____
(16) Landscaping		\$	_____
(17) Consultant Fees			
Architect and Engineering Fees	\$ <u>123,000.00</u>		
Legal Fees.....	\$ <u>1,500.00</u>		
Market Analysis.....	\$ _____		
Other (Specify).....	\$ _____		
Other (Specify).....	\$ _____		
Sub-Total Consultant Fees.....		\$	_____
(18) Financing Costs (e.g. Bond, Loan, etc.).		\$	_____
(19) Interest During Construction.		\$	_____
(20) Other (Specify)		\$	_____
(21) Sub-Total Miscellaneous			\$ _____
(22) Total Capital Cost of Project (Sum A-C above)			\$ <u>1,014,423.00</u>

I certify that, to the best of my knowledge, the costs of the proposed project named above are complete and correct.
A. Naltes Date Certified: 3/31/17
 (Signature of Licensed Architect or Engineer)

I assure that, to the best of my knowledge, the above costs for the proposed project are complete and correct and that it is my intent to carry out the proposed project as described.
 Date Signed: _____
 (Signature and Title of Officer Authorized to Represent Provider/Company)

**WILSON MEDICAL CENTER OUTPATIENT IMAGING CENTER
INFORMATION FOR EXEMPTION OF REPLACEMENT CT SCANNER**

Equipment Comparison	Existing Equipment	Replacement Equipment
Type of Equipment	CT Scanner	CT Scanner
Manufacturer of Equipment	Siemens	General Electric
Model Name	Somatom Sensation 16	Revolution EVO
Serial Number	1299550	To be determined
Provider's Method of Identifying Equipment	serial number	To be determined
Specify if Mobile or Fixed	Fixed	Fixed
Date of Acquisition of Each Component	February 2003	Exact date to be determined
Does Provider Hold Title to Equipment or Have a Capital Lease?	Wilson Medical Center hold title to the existing CT Scanner	Wilson Medical Center will hold title to the new CT Scanner
Specify if Equipment Was/Is New or Used When Acquired	New	New
Total Capital Cost of Project (Including Construction, etc.) <Use Attached Form>	Information not available	\$1,012,923.00
Total Cost of Equipment	Information not available	\$539,923.00
Fair Market Value of Equipment	Information not available	\$539,23.00
Locations Where Operated	Wilson Medical Center Outpatient Imaging Center	Wilson Medical Center Outpatient Imaging Center
Number Days in Use/To be Used in N.C. Per Year	280	280
Percent of Change in Patient Charges (by Procedure)	NA	No expected change in Patient charges by procedure.
Percent of Change in Per Procedure Operating Expenses (by Procedure)	NA	No expected change in per procedure operating expenses
Type of Procedures Currently Performed on Existing Equipment	CT Scans	NA
Type of Procedures New Equipment is Capable of Performing	NA	CT Scans



GE Healthcare

Date: 08-10-2016
Quote #: PR3-C62074
Version #: 6

Wilson Medical Center
1705 Tarboro St SW
Wilson NC 27893-3428

Attn: John Dew
1705 Tarboro St SW Wilson
NC 27893-3437

Customer Number : 1056
Quotation Expiration Date: 09-30-2016

This Agreement (as defined below) is by and between the Customer and the GE Healthcare business ("GE Healthcare"), each as identified herein. "Agreement" is defined as this Quotation and the terms and conditions set forth in either (i) the Governing Agreement identified below or (ii) if no Governing Agreement is identified, the following documents:

- 1) This Quotation that identifies the Product offerings purchased or licensed by Customer;
- 2) The following documents, as applicable, if attached to this Quotation: (i) GE Healthcare Warranty(ies); (ii) GE Healthcare Additional Terms and Conditions; (iii) GE Healthcare Product Terms and Conditions; and (iv) GE Healthcare General Terms and Conditions.

In the event of conflict among the foregoing items, the order of precedence is as listed above.

This Quotation is subject to withdrawal by GE Healthcare at any time before acceptance. Customer accepts by signing and returning this Quotation or by otherwise providing evidence of acceptance satisfactory to GE Healthcare. Upon acceptance, this Quotation and the related terms and conditions listed above (or the Governing Agreement, if any) shall constitute the complete and final agreement of the parties relating to the Products identified in this Quotation.

No agreement or understanding, oral or written, in any way purporting to modify this Agreement, whether contained in Customer's purchase order or shipping release forms, or elsewhere, shall be binding unless hereafter agreed to in writing by authorized representatives of both parties.

By signing below, each party certifies that it has not made any handwritten modifications.

Governing Agreement:	LifePoint Corporate Services
Terms of Delivery:	FOB Destination
Billing Terms:	80% on Delivery/ 20% on Acceptance or First Patient Use
Payment Terms:	NET 30
Total Quote Net Selling Price:	\$505,782.73

INDICATE FORM OF PAYMENT:
 If "GE HFS Loan" or "GE HFS Lease" is NOT selected at the time of signature, then you may NOT elect to seek financing with GE Healthcare Financial Services (GE HFS) to fund this arrangement after shipment.

Cash/Third Party Loan

GE HFS Lease

GE HFS Loan

Third Party Lease (please identify financing company) _____

By signing below, each party certifies that it has not made any handwritten modifications. Manual changes or mark-ups on this Agreement (except signatures in the signature blocks and an indication in the form of payment section below) will be void.

Each party has caused this agreement to be executed by its duly authorized representative as of the date set forth below.

CUSTOMER

 Authorized Customer Signature Date

 Print Name Print Title

 Purchase Order Number (if applicable)

GE HEALTHCARE

James Benecki 08-10-2016

 Signature Date

Product Sales Specialist

Email: Jim.Benecki@ge.com
 Office: +1 615 390 3634
 Mobile: (615) 390-3634
 Fax: (910) 401-1049



GE Healthcare

Date: 08-10-2016
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Total Quote Selling Price	\$517,782.73
Trade-In and Other Credits	\$12,000.00

Total Quote Net Selling Price	\$505,782.73

To Accept this Quotation
Please sign and return this Quotation together with your Purchase Order To:
James Benecki
Office: +1 615 390 3634
Mobile: (615) 390-3634
Email: Jim.Benecki@ge.com
Fax: (910) 401-1049

Payment Instructions
Please **Remit** Payment for invoices associated with this quotation to:
GE Healthcare
P.O. Box 96483
Chicago, IL 60693

To Accept This Quotation

- Please sign the quote and any included attachments (where requested).
- If requested, please indicate, your form of payment.
- If you include the purchase order, please make sure it references the following information
 - The correct Quote number and version number above
 - The correct Remit To information as indicated in "**Payment Instructions**" above
 - The correct SHIP TO site name and address
 - The correct BILL TO site name and address
 - The correct Total Quote Net Selling Price as indicated above

"Upon submission of a purchase order in response to this quotation, GE Healthcare requests the following to evidence agreement to contract terms. Signature page on quote filled out with signature and P.O. number.

*****OR*****

Verbiage on the purchase order must state one of the following: (i) Per the terms of Quotation # _____; (ii) Per the terms of GPO# _____; (iii) Per the terms of MPA # _____; or (iv) Per the terms of SAA # _____, Include the applicable quote/agreement number with the reference on the purchase order.

In addition, source of funds (choice of: Cash/Third Party Loan or GE HFS Lease or GE HFS Loan or Third Party Lease through _____), must be indicated, which may be done on the quote signature page (for signed quotes), on the purchase order (where quotes are not signed) or via a separate written source of funds statement (if provided by GE Healthcare)."



GE Healthcare

Date: 08-10-2016
Quote #: PR3-C62074
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Item No.	Qty	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
	1		Revolution EVO**			
1	1	S7880EX	<p>Today's healthcare environment is about creating new solutions to pressing needs. It's about understanding how one CT exam can improve patient outcomes while lowering the cost of providing care. Revolution EVO is designed with the purpose of operating in this new reality, while anticipating the challenges of tomorrow. It's designed to support the widest variety of patients and applications, from complex trauma or cardiac cases, to large patient backlogs in busy emergency departments that strain workflows and resources. The design of Revolution EVO is made for institutions that are unable to sacrifice advanced capabilities such as high resolution for daily productivity. It is well suited for those who need to provide the lowest dose possible. And it provides options to expand your referral physician base and the services you provide to your community.</p> <p>Revolution EVO is the next generation Volume CT with compact design and advanced technologies including Clarity Imaging system delivering up to 0.28mm of spatial resolution enabling you to see fine anatomical details, providing a pathway to a quick, confident diagnosis and delivering vastly improved image quality across the entire body enables you to broaden your clinical applications and potentially improve</p>	\$1,035,000.00	55.00%	\$465,750.00



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Item No.	Qty	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
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treatment paths for diverse patient needs. Diagnostic images at the right dose add up to great care. Our innovative iterative reconstruction technologies are designed to reduce noise levels, improve low-contrast detectability and reduce dose for all patients.

Additional Smart Dose technologies like organ dose modulation and XR-29 capabilities help you monitor, measure and manage your dose delivery.

Often the only thing you can predict about your workday is how unpredictable it will be. Revolution EVO is designed to help you manage this unpredictability - quickly and compassionately. Revolution EVO Smart Flow technologies are designed to help you improve productivity by streamlining user workflow and access to information, enabling you to perform more studies in less time and manage your patient flow up to 40% more efficiently.

Revolution EVO is designed to help you compete in your market by helping to manage the health of your patient population today with precision, efficiency and the right dose. ASiR-V low-dose capabilities make it ideal for pediatric scans, oncology and chronic disease follow-up. At the same time, Revolution EVO can give you the flexibility to expand your services to the fastest growing procedures like



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advanced coronary CCTA and TAVI planning.
 Revolution EVO is designed for you
 Clarity Imaging Chain
 Completely redesigned imaging chain resulting in the best spatial resolution in its class. Including wide coverage of 40 mm and high resolution so that you can see details as small as just 0.28 mm. Clarity's patented design integrates the data acquisition system directly with the photo diode reducing the size of this integrated system by 75%, improving signal to noise by 44% and power consumption by 50% compared to previous systems. The Performix 40 Plus tube delivers exceptional performance. The new liquid bearing and dual focal spot design improves precision and up to 0.35 second routine rotation enables faster scan times. This may allow for shorter breath holds, may reduce the need for sedation and reduce patient motion artifacts.
 Clarity Imaging Chain provides the following:

- 40 mm of coverage
- Cable free between ASIC and Diode, and has a capability to reduce electric noise.
- Generation, up to 90% less heat compared with previous GE technology
- Improved signal to noise up up 44% compared with previous GE technology



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Item Qty No.	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
		<ul style="list-style-type: none"> • Optimized collimator to reduce scatter dose, noise and artifacts. • Performix40* Plus X-ray tube provides less focus movement. • Using the 0.35sec rotation speed and higher pitch, a full-body trauma scan of 1000 mm can be acquired in as little as 6 seconds. <p>ASiR iterative reconstruction technology may enable reduction in pixel noise standard deviation (a measurement of image noise). The ASiR algorithm may allow for reduced mA in the acquisition of images, thereby reducing the dose required. ASiR iterative reconstruction technology also may enable improvement in low contrast detectability(**)</p> <p>(**) In clinical practice, the use of ASiR may reduce CT patient dose depending on the clinical task, patient size, anatomical location and clinical practice. A consultation with a radiologist and physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task.</p> <p>ASiR-V optional Smart Technologies Smart Dose</p> <p>Intelligent technology designed to help you acquire high-quality images using lower doses of radiation, contributing to more accurate diagnoses and lower exposures for patients. Includes dose management tools such as organ dose modulation,</p>			



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		<p>Organ dose modulation</p> <p>Organ Dose modulation provides reduction of radiation dose via X-ray tube current modulation for sensitive tissues, such as breasts or eyes.</p> <p>Revolution EVO is compliant with the NEMA XR 25, and XR 29 standards.</p> <p>Including: Dose Check, DICOM Structured dose reporting. Adult and Pediatric reference protocols</p> <p>Dose Check - Patient pre-scanning monitoring and alerts.</p> <p>Receive notifications and alerts if your predetermined dose levels will be exceeded. You can correct and confirm the right settings before scanning to avoid unnecessary radiation dose to your patient. Dose check is based on standard XR 25-2010 published by The Association of Electrical and Medical Imaging Equipment Manufacturers (NEMA).</p> <p>Dose Reporting: CTDIvol, DLP, Dose Efficiency are displayed to the user during scan prescription and at the end of the exam. The CTDIvol, DLP, and Phantom size used to calculate dose is automatically saved once the user selects End Exam.</p> <p>DICOM Structured Dose Report generates a CT Dose Report, which can enable tracking of dose (CTDIvol and DLP) for the patient by the hospital radiation tracking system.</p> <p>3D mA Modulation utilizing SmartmA and Auto mA,</p>			



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Item Qty No.	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
		<p>3D mA Modulation allows you to personalize protocols and optimize dose for every patient – large and small. During the patient scan, in real-time, these automatic exposure controls, modulate dose in 3D helping you deliver consistent image quality because it automatically accounts for the changing dimensions of your patient’s anatomy. 3D mA modulation acquisitions may reduce dose compared with fixed mA acquisitions. Auto mA modulation is designed to optimize the dose for the user prescribed noise index. Its effect on dose depends on the patient body habitus, and prescribed noise setting.</p> <p>Dynamic Z-axis tracking Dynamic Z-axis tracking provides automatic and continuous correction of the x-ray beam shape to block unused x-ray at the beginning and end of a helical scan to reduce unnecessary radiation.</p> <p>DoseWatch Explorer*§ Web based dose management solutions. Analyze, identify, and optimize patient dose. Track and monitor patients’ cumulative radiation dose over time and take steps to prevent excessive radiation dose.</p> <p>Smart Flow Designed to help you improve productivity and patient experience by streamlining your workflow and access to information.</p> <p>Smart Flow technologies: Silent design of Revolution EVO</p>			



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			<p>gantry allows significant reduction of audible noise compared with previous GE technology.</p> <p>Xtream Display is a multi-purpose touch LCD screen on the Revolution EVO gantry. .Xtream Display can show the user basic patient information as well as enable advanced capability of One Stop ED mode and instructional or distraction videos. The user can confirm patient information in the scan room, improving workflow improvement with preset positioning (Default Patient positioning) on gantry display.</p> <p>Fast, hands-free patient positioning</p> <p>Xtream Display provides workflow improvement with preset positioning (Default Patient Positioning) on the gantry display. Default Patient Positioning provides user friendly positioning. After patient is positioned on the table, the operator touches the selects the anatomical reference on the Xtream Display. The table is transferred to that anatomical reference simply by the foot pedal has been pressed by the user.</p> <p>One stop scanning mode - Exam prescription from the patient's side, Revolution EVO's exceptional one stop scanning mode provides a streamlined workflow on the Xtream Display. From the Xtream display at the gantry the user can: 1. select the patient from the worklist, 2, Select the appropriate protocol, 3, Confirm the firm the 1st within the selected</p>			



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Item Qty No.	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
		<p>protocol. All without having to leave the patients side.</p> <p>Image Check - Real-time reconstruction during the scan:</p> <p>With Image Check, up to 55 images are reconstructed and available per second. Reconstructing images in real time helps you focus solely on the well being and diagnosis of your patient.</p> <p>Instructional or Distraction videos</p> <p>Instructional videos are to assist the user in explaining the CT examination to patients. This is very useful when the user and patient do not speak the same language. Distraction videos are for young patient to help keep them distracted during exam prep and scanning.</p> <p>Additional the Movie Change feature allows you to upload your own video</p> <p>10 PMRs</p> <p>For trauma patients, when the extent of the injuries is unknown, you can prospectively prescribe up to 10 multiphase reconstructions and easily prioritize which one you need first.</p> <p>Protocol management</p> <p>GE's protocol management is improved with the addition of a workflow improvement feature, which allows easy configuration of back to back Axial or helical scans of the same anatomy at two different X-ray energies (kVps). To further improve registration accuracy, patient immobilization may be</p>			



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Item Qty	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
		<p>utilized. The additionally acquired dual energy data can be post-processed on console or AW workstation using Add/Sub function to gain additional clinical information.</p> <p>Access to advanced applications right on the console.</p> <p>Smart IQ</p> <p>IQ Enhance pitch booster - Scan a chest in as fast as two seconds with 175 mm/sec acquisition speed to help shorten patient breath-holds while maintaining image quality. Requires 0.35 second rotation speed capability to achieve 175mm/sec..</p> <p>Adaptive Enhance Level Adjustment (AELA) may improve visual spatial resolution while maintaining pixel noise standard deviation and artifact.</p> <p>Direct MPR with Auto-Batch feature, affording automatic real-time direct reconstruction and transfer of fully corrected multi-planar images, also allows users to move from routine 2D review to prospective 3D image review of axial, sagittal, coronal, and oblique planes while enabling automated protocol-driven batch reformats to be created and networked to their desired reading location.</p> <p>Scan mode: Helical</p> <ul style="list-style-type: none"> • Helical Scan Speeds: Full 360° rotational scans: 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0 second • Helical Pitch (nominal): 0.516 to 1.531 			



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			<ul style="list-style-type: none"> • Cardiac Pitch: 0.16 to 0.325 (with cardiac option) • Selectable kV: 80, 100, 120, 140 • Selectable mA: 10 to 560, 5mA increments • Reconstruction Algorithms: Soft Tissue, Standard, Detail, Chest, Bone, Bone Plus, Lung, Ultra, Edge, Edge Plus <p>Scan Mode: Axial & Cine</p> <ul style="list-style-type: none"> • Scan Speeds: 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, and 2.0 second full scans (360° acquisition). • Selectable kV: 80, 100, 120, 140 • Selectable mA: 10 to 560, 5mA increments • Scan Plane Geometry: ± 30° gantry tilt, 0.5° increments • Reconstruction Algorithms: Soft Tissue, Standard, Detail, Chest, Bone, Bone Plus, Lung, Ultra, Edge, Edge Plus <p>System Components:</p> <p>Gantry Advanced slip ring design continuously rotates the generator, Performix*40 Plus, Clarity detector and data acquisition system around the patient.</p> <p>Aperture: 70 cm</p> <p>Maximum SFOV: 50 cm</p> <p>Tilt: +/- 30 degrees, speed 1 degree/sec</p> <p>Multi-purpose LCD touch screen display with workflow features</p> <p>Integrated start scan button with countdown timer to indicate when</p>			



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			<p>x-ray will turn on.</p> <p>X-ray Tube: Performix*40 Plus liquid metal bearing tube unit offers an optimized design for exams requiring a number of scans without tube cooling.</p> <ul style="list-style-type: none"> • Performix*40 Plus with 7.0MHU of storage and capability of 72 kw operation provides increased helical performance with greater patient throughput • Wide range of technique (10 mA to 560 mA, in 5 ma increments) gives technologist and physician flexibility to tailor protocols to specific patient needs for optimizing patient dose. • Heat storage capacity: 7.0MHU(Performix*40 Plus) • Dual Focal Spots: <ul style="list-style-type: none"> o Small Focal Spot: 0.7 (W) x 0.6 (L) Nominal Value; (IEC 60:193) o Large Focal Spot: 0.9 (W) x 0.9 (L) Nominal Value; (IEC 60:193) <p>High Voltage Generator: High Frequency on-board generator allows for continuous operation during scan.</p> <p>72kW system</p> <ul style="list-style-type: none"> • kV: 80, 100, 120, 140 • Max Power (Hardware): 72kW • mA: 10 to 560mA, 5mA increments (600 mA with cardiac option) <p>Clarity Hilight Detector:</p> <p>64 slice system 40 mm Clarity Hilight Detector system is comprised of 54,272</p>			



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Item Qty No.	Catalog No.	Description	Contract Price	Discount	Ext Sell Price
		<p>individual elements with 64 rows of 0.625mm thickness at isocenter. All data is acquired as thin slice at 0.625mm with the ability of thicker slices from image reconstruction or processing. 98% absorption efficiency.</p> <p>Clarity DAS (Data Acquisition System): The Clarity DAS dramatically reduces noise and improves image performance.</p> <ul style="list-style-type: none"> • 2,460 Hz maximum sample rate. • 861 - 1968 views per rotation. <p>Revolution EVO computer system:</p> <ul style="list-style-type: none"> • 2,100GB Disk (system, image, scan disks) stores up to 460,000 512x512 images and 3520 scan rotations at 64 channel mode or up to 1,500 scan data files, or up to 300 exams. • Reconstruction speed with Standard reconstruction: Up to 55 frames per second with Image Check and Up to 35 frames per second in full 512 matrix <p>Warranty: The published Company warranty in effect on the date of shipment shall apply. The Company reserves the right to make changes.</p> <p>General Electric Company reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.</p> <p>Laser alignment devices contained within this product are appropriately labeled according to the</p>			



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			requirements of the Center for Devices and Radiological Health. Asterisk*: Trademark of General Electric Company			
2	1	B7590EN	English Keyboard Kit	Incl.	Incl.	Incl.
3	1	B7660MR	System standard cable set	Incl.	Incl.	Incl.
4	1	B7880AB	The Optima 1700 table enables volume scanning. Key features of this 1700 table include: easy patient access by lowering to <17 inches from the floor, 500lb weight capacity, up to 1700mm scannable range, 137.5 mm/sec travel time, real-time Z-axis position feedback between gantry and table.	Incl.	Incl.	Incl.
5	1	B7900LC	This option provides lung screening reference protocols that are tailored to the CT system, patient size (small, average large), and the most current recommendations from a wide range of professional medical and governmental organizations. Now, qualified GE Healthcare CT scanners with this option are formally indicated for, and can be confidently used by physicians for low dose CT lung cancer screening of identified high-risk patient populations. These protocols deliver low dose, short scan times, and clear and sharp images for the detection of small lung nodules. Early detection from an annual lung screening with low dose CT in high-risk individuals can prevent a substantial number of lung	Incl.	Incl.	Incl.



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cancer-related deaths.ⁱⁱ
 All new GE 64-slice and greater CT scanners, and virtually all of the 16-slice CT scanners that GE Healthcare sells are qualified for this screening option. This solution is also available to thousands of qualified GE CT scanners currently in use, increasing access to the quality scanners that satisfy both patient and physician needs. The new protocols, do include the choice for the user to be able to utilize GE Healthcare's industry-leading technologies such as ASiRTM, ASiR-VTM and VeoTM that are designed to reduce image noise, which is undesirable for physicians looking for small nodules. This option contains two documents. Lung Cancer Screening Option Reference Protocol Guide, and the Lung Cancer Screening Option User Manual / Technical Reference Manual

i The following GE Healthcare CT scanners are qualified to receive the new low dose CT Lung Cancer Screening Option: LightSpeed 16, BrightSpeed Elite, LightSpeed Pro16, Optima CT540, Discovery CT590 RT, Optima CT580, Optima CT580 W, Optima CT590 RT, LightSpeed Xtra, LightSpeed RT16, LightSpeed VCT, LightSpeed VCT XT, LightSpeed VCT XTe, LightSpeed VCT Select, Optima CT660, Revolution EVO, Discovery CT750 HD, Revolution GSI, Revolution.



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ii Moyer V. Screening for Lung Cancer: U.S. Preventive Services Task Force Recommendation Statement. Ann Intern Med. 2014;160:330-338. <http://www.uspreventiveservicestaskforce.org/Page/Document/RecommendationStatementFinal/lung>

6	1	B7880MR	<p>MAR (Metal Artifact Reduction) software</p> <p>MAR helps reduce photon starvation, beam hardening and streak artifacts caused by high Z materials in the body, such as hip implants.</p> <p>The clarity of MAR images is addressing the challenges posed by metal artifacts, helping clinicians accurately contour targets and critical organs.</p> <p>MAR offers: Exceptional image quality. MAR is based on the latest in GE Healthcare smart technology, which uses a novel three-step, sinogram-based iterative algorithm.</p> <p>Streamlined workflow. MAR requires only one scan, making the process of obtaining a corrected image fast and efficient.</p> <p>Dose conscious. MAR requires only one acquisition.</p>	\$60,000.00	55.00%	\$27,000.00
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			<p>Patient comfort.</p> <p>The efficient, single-scan process helps to reduce patient time inside the scanner.</p> <p>Versatility.</p> <p>MAR is designed to enhance clarity across a range of images including scans of hip implants, dental fillings, screws and other metal objects.</p>			
7	1	B77292CA	Service cabinet for system accessories storage	Incl.	Incl.	Incl.
8	1	E4502KY	<p>The 10 KVA Partial UPS has been specifically designed to coordinate with GE Healthcare CT and PET/CT scanners. In the event of a power outage, a partial system UPS provides continuous backup power to the scanner host and control computers, thus assuring no loss of usable scan data.</p> <ul style="list-style-type: none"> • Critical circuits in the gantry and table remain powered which facilitate the safe of the patient from the scanner. • If power is restored within the battery hold-up time, the operator can continue scanner operations without the need to reboot the system. • When longer power outages are anticipated, the UPS provides time for the operator 	\$23,648.00	21.00%	\$18,681.92



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			<p>to to complete an orderly shutdown of the system software.</p> <ul style="list-style-type: none"> • Maintains system electronics and allows critical scanner operations to continue for 10 minutes (typical) after loss of power • Protects electronics from under voltage, brownouts, line sags, over voltage and transients • Dimensions (H x W x D): 32.7" x 12" x 32" • Weight: 350 lbs. • Output Frequency: 50 or 60 Hz, auto-sensing <p>NOTES:</p> <ul style="list-style-type: none"> • ITEM IS NON-RETURNABLE AND NON-REFUNDABLE 			
9	1	E4502AB	<p>The 90Amp CT system main disconnect panel (MDP) serves as the main facility power disconnect source installed ahead of the system PDU. The MDP will disconnect system power on first loss of incoming power, helping to prevent damage to system components. It also includes an automatic restart control circuit which restores power to the CT System PDU after a power outage.</p> <ul style="list-style-type: none"> • Can reduce installation time and cost by eliminating delays in obtaining individually enclosed components and on site assembly (ex: main circuit breaker, feeder overcurrent 	\$7,569.00	21.00%	\$5,979.51



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			<p>devices, magnetic contactors and UPS emergency power off are combined into a single panel)</p> <ul style="list-style-type: none"> • Configuration flexibility - can be used as a stand-alone main disconnect or with the optional partial system UPS. (On systems where the optional partial system UPS is used the main disconnect panel also provides NEC mandated emergency power off control to both the PDU and UPS • Designed and tested for GEHC CT products <p>Specifications:</p> <ul style="list-style-type: none"> • Automatic restart incorporates an adjustable time delay to delay main power until the power has stabilized for 5 seconds • One flush wall mounted remote emergency off pushbutton furnished with each system • UL, cUL and CE labeled 			
10	1	E8016AZ	<p>CT Table Slicker with Cushion - 1700 Systems (2 Piece Set)</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> • Two-piece, sealed slicker cushion set has comfort pads enclosed inside the slicker cover and extender cover • Durable, clear PVC plastic cover facilitates faster, more thorough cleanup of blood and 	\$420.00	21.00%	\$331.80



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			fluids <ul style="list-style-type: none"> Increase system uptime by protecting table from spills and particulate contaminants Thermo-sealed seams and flaps prevent contaminate buildup in hard to clean areas COMPATIBILITY <ul style="list-style-type: none"> VCT with GT 1700 Table, CT HD750 			
11	1	E8016BA	CT Footswitch Slicker - 2000 & 1700 Systems The footswitch slicker for CT VCT 2000 and 1700 systems is made of durable, clear PVC plastic that protects the footswitch and facilitates faster, more thorough cleanup of contamination caused by blood and other body fluids. Cover is held securely in place with Velcro...H	\$50.00	21.00%	\$39.50
12	1	R23053AC	Standard level 3 service package delivered for the warranty period	Incl.	Incl.	Incl.

Quote Summary:

Total Discount: (54.04%)	(\$608,904.27)
Total Extended Selling Price:	\$517,782.73
Siemens Sensation 16 Slice Trade-in	
Total Quote Net Selling Price	\$505,782.73

(Quoted prices do not reflect state and local taxes if applicable. Total Net Selling Price Includes Trade In allowance, if applicable.)



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Options

(These items are not included in the total quotation amount)

Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price	
13	1	B7660EY	<p>The Snapshot Imaging Package allows the user to acquire cardiac scans utilizing up to 0.35 second rotation speed for excellent cardiac exams. This package contains the following items necessary for CT Coronary Angiography on these systems.</p> <p>The features associated with the Snapshot package are:</p> <ul style="list-style-type: none"> • Edge preserving cardiac filters which allows the user to reduce dose up to 30% with the 3 levels of filtration available • ECG trace on the gantry and console allowing the user to display the live trace of the patients heart rate and display the actual location of the window of time when the image is being acquired. <p>Snapshot Imaging package can be used to acquire helical retrospective ECG Gated</p>	\$85,000.00	54.00%	\$39,100.00	X_____



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Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price
			<p>CT Images of the coronary arteries, cardiac anatomy and various other applications that require temporal resolution to reduce heart motion effects. The Snapshot imaging package includes the following hardware and software necessary to acquire cardiac studies with CT.</p> <p>Snapshot imaging software for the operator console is designed to produce optimized cardiac images with minimum cardiac motion effects. Three different imaging acquisition techniques are available to the user</p> <ul style="list-style-type: none"> • Snapshot segment - single sector with temporal resolution of 175ms • Snapshot Burst-dual sector with temporal resolution of 87ms • Snapshot Burst Plus-4 sector with temporal resolution of 43ms <p>Ivy monitor: The Ivy ECG Monitor comes in this cardiac package. It will be used to monitor patient cardiac output and</p>			



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			<p>synchronize acquisition with that output.</p> <p>Xtream 12" Gantry and Operator Console ECG Trace: The ECG trace provided by the Ivy monitor will be displayed on the CT gantry and operator's console with this option. Allowing the user to display the live trace of the patient's heart rate and display the actual location of the window of time when the images are being acquired. It will provide easy access to patient cardiac output status and assist in providing visual feedback for optimum acquisition start.</p> <p>R-Peak Editor: The R-Peak Editor allows user to retrospectively modify trigger points identifying R-peaks on ECG trace as displayed on the console. The capability may improve successful cardiac acquisition rate by enabling users to perform the modification in the cases where there is irregular heartbeat or suboptimal triggers.</p> <p>Cardiac Enhancement Filters are noise reduction</p>			



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			<p>filters, providing three new levels of image filtration while preserving of edge image detail coupled with patient dose reduction of up to 30%.</p> <p>ECG Dose Modulation ECG gated dose modulation reduces patient dose by modulating x-ray technique during acquisition based on heart phase.</p>				
14	1	B7864AC	<p>VolumeShuttle innovatively provides the 80-mm of coverage necessary for accurate dynamic neuro angiographic and perfusion studies with a single contrast injection. GE's exclusive real-time scan control, system architecture, and fast, smooth table acceleration and deceleration enable the patient to be effortlessly shuttled back and forth between two adjacent axial locations, with minimal inter-scan delay.</p> <p>The GE CT Scanner system uniquely designed to make it all possible - as a result of these key scanner attributes:</p>	\$60,000.00	54.00%	\$27,600.00	X_____



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Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price	
			<ul style="list-style-type: none"> The 40-mm high resolution V-Res detector with micro voxel technology. Real-time system controls to precisely control table movement and X-ray control. <p>VolumeShuttle provides the wider coverage margin needed to allow for patient variability in the Circle of Willis (80mm) and from the basal ganglia to lateral ventricles (>60mm) - all with the existing 40-mm-wide detector and without the multiple contrast injections necessary with today's standard CT systems.</p>				
15	1	B7716WR	Cabling and CT Scanner software required for use with Integrated Injectors.	\$20,000.00	54.00%	\$9,200.00	X_____
16	1	B7868WL	SmartStep Software only - for Linux systems	\$15,000.00	54.00%	\$6,900.00	X_____
17	1	B7880CK	Provides the capability of a 360-degree rotation in 0.35 seconds. This additional rotation time will enhance the user's ability reduce exam times and potentially lower patient breath-holds. Enabling up to 175	\$20,000.00	54.00%	\$9,200.00	X_____



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Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price	
			mm/sec acquisition speeds				
18	1	B7880CD	128 Slice Reconstruction option provides 128 slices in a 40mm beam at 0.625mm slice thickness or 64 slices in a 20mm beam at 0.625mm slice thickness per axial rotation allowing increased image-space sampling and may enable improved visualization of small objects.	\$50,000.00	54.00%	\$23,000.00	X_____
19	1	B7880CT	The CT intervention kit provides the hardware required for CT interventional procedures. This kit includes the in-room Monitor with suspension arm, Hand Held Controller, X-ray Exposure Foot Pedal and Cradle Handle required for in-room acquisition control and image review. The hand held controller provides the operator with the ability to prepare and perform interventional CT procedures, to turn alignment lights on and off, to move the cradle, review images and adjust the window width/level; and turn x-ray on via the foot switch. Requires either SmartStep	\$30,000.00	54.00%	\$13,800.00	X_____



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Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price	
			or SmartView to perform CT interventional procedures				
20	1	W0100CT	6 Day CT TiP Onsite System Training CT Onsite Training for a new CT system <ul style="list-style-type: none"> • One 4 day onsite visit to coincide with system start-up. • One 2 day onsite follow-up visit 6-8 weeks post system start up. <p>During the first visit, the applications specialist will work with the medical and technical staff on system operation and patient procedures. The training produces the best results when a dedicated core group of 2-4 CT technologists complete the session with a modified patient schedule. It is suggested that key physicians are available to participate in the protocol implementation and image quality review sessions. By the end of this visit, the core group should be able to perform the routine patient procedures.</p>	\$13,300.00	0.00%	\$13,300.00	X_____



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			<p>The 2 day revisit is suggested after the staff has run the system for 6-8 weeks, however this is flexible based on the site needs. The training will focus on the intermediate and advanced functions of the system or special needs of the customer. The training produces the best results when the same dedicated core group of 2-4 CT technologists from the initial visit complete the session with a modified patient schedule.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>				
21	1	M81601BA	<p>AW Server 3.2 L</p> <p>The AW Server delivers distributed 3D visualization capabilities throughout the enterprise and at any remote reading location. It utilizes state-of-the-art thin client technology to convert virtually any PC to a high-end 3D post processing station. In addition to this, it serves as a workflow engine enabling optimal</p>	\$165,000.00	53.00%	\$77,550.00	X_____



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Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price
			<p>collaboration among physicians and allowing 3D visualization to be leveraged easily to diagnose diseases quickly and make sound decisions. The AW Server also enables faster turnaround of post-processed results to referring physicians by allowing them to access the data instantly, while maintaining security and privacy of patient data.</p> <p>The AW Server offers a vendor neutral OpenAPI PACS integration interface that enables launching the AW Server client from a variety of PACS software, both GE Healthcare provided and 3rd party. This capability supports passing the patient context to the client and even the application desired to be launched, so that time is saved and applications can be launched directly into the most relevant layout. This functionality may require work on the part of the PACS workstation or third party software provider.</p> <p>The following capabilities are included in this</p>			



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catalog:

- AW Server client software which may be deployed to an unlimited number of systems by simply downloading the client application from the AW Server's web interface.
- Support for 10 concurrent login sessions of which 3 may be active 3D users
- Up to 8,000 concurrent (equivalent to 512x512 CT slices) per active 3D user
- 3 concurrent Volume Viewer licenses
- Support for additional VolumeShare 7 based advanced applications which require purchasable concurrent license(s)
- Support for a single instance of GSI Viewer (requires optional license purchase)

Key features:

- Access to 3D visualization



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Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price
			<p>capabilities including MIP/MPR/VR, segmentation, fly through and PET/CT</p> <ul style="list-style-type: none"> • "Smart Compression" technology automatically displays full fidelity static images even when compression is turned on for increased interactivity. This allows for diagnostic reads on full fidelity static images even at low bandwidth. On-image visual indicators notify user when compression is in effect. • Intuitive work list interface with custom work lists, easy access to priors and exam states. • Programmable ability to automatically push saved results to one or more DICOM hosts such as PACS when closing a session. • Optional pre-processing capability to automatically 			



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process exams in background based on preset rules, minimizing wait time and keeping exams ready to read.

- Ability to open up to 3 simultaneous application sessions per active user and instantly switch between these sessions.
- Ability to save the state of post processing any time and restore it from any client, allowing
AW Server 3.2 L

The AW Server delivers distributed 3D visualization capabilities throughout the enterprise and at any remote reading location. It utilizes state-of-the-art thin client technology to convert virtually any PC to a high-end 3D post processing station. In addition to this, it serves as a workflow engine enabling optimal collaboration among physicians and allowing 3D visualization to be leveraged easily to diagnose diseases quickly



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and make sound decisions. The AW Server also enables faster turnaround of post-processed results to referring physicians by allowing them to access the data instantly, while maintaining security and privacy of patient data.

The AW Server offers a vendor neutral OpenAPI PACS integration interface that enables launching the AW Server client from a variety of PACS software, both GE Healthcare provided and 3rd party. This capability supports passing the patient context to the client and even the application desired to be launched, so that time is saved and applications can be launched directly into the most relevant layout. This functionality may require work on the part of the PACS workstation or third party software provider.

The following capabilities are included in this catalog:

- AW Server client software which may be deployed to an unlimited number of



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systems by simply downloading the client application from the AW Server's web interface.

- Support for 10 concurrent login sessions of which 3 may be active 3D users
- Up to 8,000 concurrent (equivalent to 512x512 CT slices) per active 3D user
- 3 concurrent Volume Viewer licenses
- Support for additional VolumeShare 7 based advanced applications which require purchasable concurrent license(s)
- Support for a single instance of GSI Viewer (requires optional license purchase)

Key features:

- Access to 3D visualization capabilities including MIP/MPR/VR, segmentation, fly through and PET/CT
- "Smart Compression"



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Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price
			<p>technology automatically displays full fidelity static images even when compression is turned on for increased interactivity. This allows for diagnostic reads on full fidelity static images even at low bandwidth. On-image visual indicators notify user when compression is in effect.</p> <ul style="list-style-type: none"> • Intuitive work list interface with custom work lists, easy access to priors and exam states. • Programmable ability to automatically push saved results to one or more DICOM hosts such as PACS when closing a session. • Optional pre-processing capability to automatically process exams in background based on preset rules, minimizing wait time and keeping exams ready to read. 			



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- Ability to open up to 3 simultaneous application sessions per active user and instantly switch between these sessions.
- Ability to save the state of post processing any time and restore it from any client, allowing multiple radiologists or technologists to contribute to post processing results.
- Ability to float application licenses between AW workstations (requires VolumeShare 2 or later) and one or more AW Server(s)
- Enterprise directory integration for single sign on user authentication with audit trails.
- Open API for PACS integration

Performance and intended uses:

Performance and interactivity on client PC's depend on the network bandwidth, latency and



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client PC configuration. To attain optimal performance, minimum bandwidth required is 40Mbps (LAN) with a latency of 20ms or lower. The server may be used over WAN/Internet as well although performance will heavily depend on round trip latency between client PC and server. A minimum of 3Mbps bandwidth is required.

The server supports various compression levels selectable by user. The "Smart Compression" technology applies selected compression level only when user is interacting with the images to optimize performance. The images are automatically displayed at full fidelity once interaction stops. Clear visual indication on the images indicates any time compression is being applied to the images.

Specifications:

Server Hardware:

- 2X Dual Intel E5-2630 six core CPUs.
- 24GB RAM.



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- Mirrored 146GB disk for OS, additional local storage for image cache.
- 1 Gbps NIC for DICOM and client traffic.
- Dedicated Embedded Lights Out Manager (LOM).
- Fully redundant power and cooling.
- Tower from factor.
- 2TB disk for image storage.
- Raid 10 (striped and mirrored) to maximize data integrity, redundancy and performance.
- Operating System: GE HELIOS 6.6

Client PC requirements:

It is the customer's responsibility to make sure every client PC meets these minimum specifications for optimal performance.

Hardware:

- Processor: 2.2 GHz Pentium 4 minimum (or equivalent); Dual core processors recommended.



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			<ul style="list-style-type: none"> • Memory: 1024 MB minimum. • Disk drive: 250MB free space available. • Screen resolution 1024H x 768V minimum with full color (32 bit) (1280H x 1024V or more recommended). Symmetric dual monitors up to a total of 6 MP are supported with 4 MP recommended for optimal performance • Network card 100 Mbps minimum (1000 Mbps recommended). • Internet connection. Customer provided IPSEC VPN, for internet/WAN operation. • Mouse: Two or three-button mouse. Three button mouse suggested for best use of functions. <p>Software:</p> <ul style="list-style-type: none"> • Windows 7 SP1 32 and 64 bit • Windows 8.1 32 and 64 bit • Mac Parallels (Mac OS X 10.10, Parallels 			



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			<p>10, Windows 7 SP1 32/64 bit, Windows 8.1 32/64 bit)</p> <p>Installation includes:</p> <ul style="list-style-type: none"> • Site readiness survey • Installation of Enterprise OS. • Installation of GE Healthcare applications software. • Configuration of active directory (if required). • Configuration of up to 5 DICOM hosts provided prior to installation. • Installation of one client for purposes of server testing and applications training. <p>Service contract and applications training are optionally purchasable. Warranty information can be found in terms and conditions.</p> <p>Concurrent licenses for supported advanced applications are optionally purchasable.</p>				
22	1	B77151BH	VessellQ Xpress & AutoBone Xpress Single Floating License	\$55,000.00	53.00%	\$25,850.00	X_____



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VessellQ Xpress provides an optimized non-invasive application to analyze vascular anatomy and pathology and aid in determining treatment plans from a set of CTA images.

There are new features introduced in the VolumeShare 7 release including:

- Auto Abdominal Aorta Vessel tracking which is a completely automated protocol with autobone removal, auto vessel tracking and automatic labeling of the abdominal aorta vasculature.
- Fast Tracking which provides automatic real time feedback for auto-detected centerlines to speed up vessel tracking.
- New editing tools that allow for flexibility in editing based on the size of the vessel being edited.

This software supports the physician in:



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- Assessment of aneurysms with or without thrombus (false lumen) for size and volume measurements with the capability to track the size and volume over time, stenosis analysis, pre/post stent and surgical planning and directional vessel tortuosity visualization.
- Automatic tools for the segmentation of bony structures in the brain and neck and other vascular areas for accurate identification of the vessels, single or double click vessel analysis.
- Sizing the vessel, analyzing calcified and which is a completely automated protocol non-calcified plaque to determine the densities of plaque within a vessel, measure areas of abnormalities within a vessel (like stenosis, plaque,



GE Healthcare

Date: 08-10-2016
Quote #: PR3-C62074
Version #: 6

Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price	
			<p>thrombus, dissection or leakage).</p> <ul style="list-style-type: none"> • Semi-automated detection and segmentation of thrombus for subsequent measurements within the application. • Dedicated anatomy based protocols for improved workflow. • Compare a patient's previous exam to their current exam in order to measure and track any changes over time of their vascular structures. • After review of the exams, there are multiple ways to film, archive and capture information for future review. <p>System Requirements:</p> <ul style="list-style-type: none"> • AW Server 3.1 and later <p>Note: All software are Non-Transferable to other hardware and are Non-Returnable.</p>				
23	1	W0600CT	2 Days TiP Onsite Training Advantage Windows Workstation--CT	\$4,600.00	0.00%	\$4,600.00	X_____



GE Healthcare

Date: 08-10-2016
Quote #: PR3-C62074
Version #: 6

Item No.	Qty	Catalog No.	Description	List Price	Discount	Ext Sell Price
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One 2 day TiP onsite visit for CT Advantage Windows Workstation training. Includes T&L expenses. Days provided consecutively.

This training program must be scheduled and completed within 12 months after the date of product delivery.

**(Quoted prices do not reflect state and local taxes if applicable.
Total Net Selling Price Includes Trade In allowance, if applicable.)**

rhoe-jones, jane e

From: rhoe-jones, jane e
Sent: Tuesday, February 14, 2017 8:30 AM
To: 'robbleandro@parkerpoe.com'
Subject: Replace Equipment Information Request Wilson Medical Center CT
Attachments: Message from KM_454e; Replace Equip Info Request WilsonMed CT.docx

Robb,
Please see the attached request for additional information and an example of correspondence for a similar request (Message from KM 454e). Please let me know if you have any questions.

Regards,
Jane Rhoe-Jones

Jane Rhoe-Jones, MSPH
Project Analyst
Health Service Regulation, Healthcare Planning & Certificate of Need Section
North Carolina Department of Health and Human Services

919-855-3873 office
jane.rhoe-jones@dhhs.nc.gov

809 Ruggles Drive
2704 Mail Service Center
Raleigh, NC 27699-2701



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DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF HEALTH SERVICE REGULATION

ROY COOPER
GOVERNOR

MANDY COHEN, MD, MPH
SECRETARY

MARK PAYNE
DIRECTOR

February 14, 2017

Robert A. Leandro, Partner
Parker Poe
PO Box 389
Raleigh, NC 27602-0389

Information Request for Replacement Equipment

Facility or Provider: Wilson Medical Center
Project Description: Replace CT Scanner located in Outpatient Imaging Center
County: Wilson
FID #: 923569

Dear Mr. Leandro:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency) received your correspondence of February 7, 2017, regarding acquisition of a CT Scanner to replace existing CT Scanner in the Outpatient Imaging Center. Additional information is needed to determine if the equipment to be acquired is consistent with the definition of replacement equipment in N.C. Gen. Stat. §131E-176(22a) and 10A NCAC 14C .0303. See the enclosed copy of the law and rule.

Please provide the following information to this office at your earliest convenience.

1. Evidence to demonstrate conformance with each criterion in 10A NCAC 14C .0303.
2. A comparison of the existing and replacement equipment, using the format in the attached table. Note: If the manufacturer's model and serial numbers for the existing equipment are not provided, the exemption request will not be processed until the numbers are provided.
3. A description of the basic technology and functions of the existing and replacement equipment, including the diagnostic and treatment purposes for which the equipment is used or capable of being used.
4. If the replacement equipment is to be leased, a copy of the proposed capital lease that transfers substantially all the benefits and risks inherent in the ownership of the equipment

HEALTHCARE PLANNING AND CERTIFICATE OF NEED SECTION

WWW.NCDHHS.GOV

TELEPHONE 919-855-3873

LOCATION: EDGERTON BUILDING • 809 RUGGLES DRIVE • RALEIGH, NC 27603

MAILING ADDRESS: 2704 MAIL SERVICE CENTER • RALEIGH, NC 27699-2704

AN EQUAL OPPORTUNITY/ AFFIRMATIVE ACTION EMPLOYER



to the lessee of the equipment, in accordance with criteria in Generally Accepted Accounting Principles (GAAP).

5. If the replacement equipment is to be purchased, a copy of the proposed purchase order or quotation, including the amount of the purchase price before discounts and trade-in allowance.
6. Documentation that the existing equipment is currently in use and has not been taken out of service.

I have attached a similar exemption request for your perusal. If you have any questions concerning this request, please do not hesitate to call me.

Sincerely,

Jane Rhoe-Jones
Project Analyst, Certificate of Need

Enclosures

N.C. Gen. Stat. §131E-176(22a)

“Replacement equipment” means equipment that costs less than two million dollars (\$2,000,000) and is purchased for the sole purpose of replacing comparable medical equipment currently in use which will be sold or otherwise disposed of when replaced. In determining whether the replacement equipment costs less than two million dollars (\$2,000,000), the costs of equipment, studies, surveys, designs, plans, working drawings, specifications, construction, installation, and other activities essential to acquiring and making operational the replacement equipment shall be included. The capital expenditure for the equipment shall be deemed to be the fair market value of the equipment or the cost of the equipment, whichever is greater.

10A NCAC 14C .0303

- (a) The purpose of this Rule is to define the terms used in the definition of “replacement equipment” set forth in N.C. Gen. Stat. §131E-176(22a).
- (b) “Activities essential to acquiring and making operational the replacement equipment” means those activities which are indispensable and requisite, absent which the replacement equipment could not be acquired or made operational.
- (c) “Comparable medical equipment” means equipment which is functionally similar and which is used for the same diagnostic or treatment purposes.
- (d) Replacement equipment is comparable to the equipment being replaced if:
 - (1) it has the same technology as the equipment currently in use, although it may possess expanded capabilities due to technological improvements; and
 - (2) it is functionally similar and is used for the same diagnostic or treatment purposes as the equipment currently in use and is not used to provide a new health service; and
 - (3) the acquisition of the equipment does 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.
- (e) Replacement equipment is not comparable to the equipment being replaced if:
 - (1) the replacement equipment is new or reconditioned, the existing equipment was purchased second-hand, and the replacement equipment is purchased less than three years after the acquisition of the existing equipment; or
 - (2) the replacement equipment is new, the existing equipment was reconditioned when purchased, and the replacement equipment is purchased less than three years after the acquisition of the existing equipment; or
 - (3) the replacement equipment is capable of performing procedures that could result in the provision of a new health service or type of procedure that has not been provided with the existing equipment; or
 - (4) the replacement equipment is purchased and the existing equipment is leased, unless the lease is a capital lease; or
 - (5) the replacement equipment is a dedicated PET scanner and the existing equipment is:
 - (A) a gamma camera with coincidence capability; or
 - (B) nuclear medicine equipment that was designed, built, or modified to detect only the single photon emitted from nuclear events other than positron annihilation.

EQUIPMENT COMPARISON

	EXISTING EQUIPMENT	REPLACEMENT EQUIPMENT
Type of Equipment (List Each Component)		
Manufacturer of Equipment		
Tesla Rating for MRIs		
Model Number		
Serial Number		
Provider's Method of Identifying Equipment		
Specify if Mobile or Fixed		
Mobile Trailer Serial Number/VIN #		
Mobile Tractor Serial Number/VIN #		
Date of Acquisition of Each Component		
Does Provider Hold Title to Equipment or Have a Capital Lease?		
Specify if Equipment Was/Is New or Used When Acquired		
Total Capital Cost of Project (Including Construction, etc.) <Use Attached Form>	NA	
Total Cost of Equipment		
Fair Market Value of Equipment	NA	
Net Purchase Price of Equipment	NA	
Locations Where Operated		
Number Days In Use/To be Used in N.C. Per Year		
Percent of Change in Patient Charges (by Procedure)	NA	
Percent of Change in Per Procedure Operating Expenses (by Procedure)	NA	
Type of Procedures Currently Performed on Existing Equipment		NA
Type of Procedures New Equipment is Capable of Performing	NA	

PROPOSED TOTAL CAPITAL COST OF PROJECT

Project Name: _____

Provider/Company: _____

A. Site Costs

- (1) Full purchase price of land \$ _____
 Acres _____ Price per Acre \$ _____
- (2) Closing costs \$ _____
- (3) Site Inspection and Survey \$ _____
- (4) Legal fees and subsoil investigation \$ _____
- (5) Site Preparation Costs
 - Soil Borings..... \$ _____
 - Clearing-Earthwork... \$ _____
 - Fine Grade For Slab... \$ _____
 - Roads-Paving..... \$ _____
 - Concrete Sidewalks.... \$ _____
 - Water and Sewer..... \$ _____
 - Footing Excavation... \$ _____
 - Footing Backfill..... \$ _____
 - Termite Treatment... \$ _____
 - Other (Specify)..... \$ _____
- Sub-Total Site Preparation Costs \$ _____
- (6) Other (Specify) \$ _____
- (7) **Sub-Total Site Costs** \$ _____

B. Construction Contract

- (8) Cost of Materials
 - General Requirements \$ _____
 - Concrete/Masonry \$ _____
 - Woods/Doors & Windows/Finishes \$ _____
 - Thermal & Moisture Protection \$ _____
 - Equipment/Specialty Items \$ _____
 - Mechanical/Electrical \$ _____
 - Other (Specify) \$ _____
- Sub-Total Cost of Materials..... \$ _____
- (9) Cost of Labor..... \$ _____
- (10) Other (Specify)..... \$ _____
- (11) **Sub-Total Construction Contract** \$ _____

C. Miscellaneous Project Costs

- (12) Building Purchase..... \$ _____
- (13) Fixed Equipment Purchase/Lease \$ _____
- (14) Movable Equipment Purchase/Lease \$ _____
- (15) Furniture \$ _____
- (16) Landscaping \$ _____
- (17) Consultant Fees
 - Architect and Engineering Fees \$ _____
 - Legal Fees..... \$ _____
 - Market Analysis..... \$ _____
 - Other (Specify)..... \$ _____
 - Other (Specify)..... \$ _____
- Sub-Total Consultant Fees..... \$ _____
- (18) Financing Costs (e.g. Bond, Loan, etc.). \$ _____
- (19) Interest During Construction. \$ _____
- (20) Other (Specify) \$ _____
- (21) **Sub-Total Miscellaneous** \$ _____
- (22) **Total Capital Cost of Project** (Sum A-C above) \$ _____

I certify that, to the best of my knowledge, the costs of the proposed project named above are complete and correct.

Date Certified: _____

 (Signature of Licensed Architect or Engineer)

I assure that, to the best of my knowledge, the above costs for the proposed project are complete and correct and that it is my intent to carry out the proposed project as described.

Date Signed: _____

 (Signature and Title of Officer Authorized to Represent Provider/Company)



Robert A. Leandro
Partner
Telephone: 919.835.4636
Direct Fax: 919.834.4564
robleandro@parkerpoe.com

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

February 7, 2017

VIA U.S. MAIL AND ELECTRONIC MAIL

Martha Frisone
Assistant Chief
Healthcare Planning and Certificate of Need Section
North Carolina Department of Health and Human Services
2704 Mail Service Center
Raleigh, NC 27699-2704
Martha.Frisone@dhhs.nc.gov



Re: Request for No Review Determination

Dear Ms. Frisone:

This letter is intended to provide notice to the Healthcare Planning and Certificate of Need Section (the "Agency") that our client, Wilson Medical Center is planning to replace its Computed Tomography Scanner ("CT Scanner"), located at its Outpatient Imaging Center. The CT Scanner being replaced is a CT Scanner that was originally purchased in February of 2003 and located at Wilson Medical Center's main campus. In November of 2006, approval was received from the Agency to replace the CT Scanner at Wilson Medical Center's main campus with a new CT Scanner and move the CT Scanner that is being replaced now to the Outpatient Imaging Center. See Project I.D. No. L-749206. The existing CT Scanner that is being replaced will not be used in North Carolina without first obtaining a Certificate of Need ("CON").

The approximate cost of the replacement equipment, including construction, planning, surveys, designs and other activities contemplated by N.C. Gen. Stat. § 131E-176(22a), will be approximately \$1,012,923.00. See Attachment A. Based on the amount at issue, we believe that Wilson Medical Center's replacement project is exempt from CON review under N.C. Gen. Stat. § 131E-184(a)(7). Accordingly, Wilson Medical Center requests that the Agency confirm that this acquisition is not subject to CON review and that it issue a written determination so that it could move forward with replacing this equipment.

I greatly appreciate your attention to this matter. If you have any questions, please feel free to contact me directly.

Sincerely,

Robb Leandro

RAL:klb
Enclosure

PPAB 3574481v1

ATTACHMENT A

Wilson Medical Center

Expenditure	Cost
CT Scanner	\$ 539,923.00
Design/Planning	\$ 123,000.00
Construction	\$ 350,000.00
Total:	\$1,012,923.00