



DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF HEALTH SERVICE REGULATION

ROY COOPER
GOVERNOR

MANDY COHEN, MD, MPH
SECRETARY

MARK PAYNE
DIRECTOR

VIA EMAIL ONLY

March 26, 2018

James Roskelly
Cone Health
Jim.roskelly@conehealth.com

Exempt from Review – Replacement Equipment

Record #: 2549
Facility Name: Cone Health
FID #: 943494
Business Name: The Moses H. Cone Memorial Hospital
Business #: 1811
Project Description: Replace existing CT Scanner on Main Campus
County: Guilford

Dear Mr. Roskelly:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency), determined that based on your letter of March 15, 2018, the above referenced proposal is exempt from certificate of need review in accordance with N.C. Gen. Stat. §131E-184(f). Therefore, you may proceed to acquire without a certificate of need the Siemens Somatom Force v6 CT scanner to replace the Philips Brilliance iCT scanner, Serial #21361. 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, Radiation Protection 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

HEALTHCARE PLANNING AND CERTIFICATE OF NEED SECTION

WWW.NCDHHS.GOV

TELEPHONE 919-855-3873

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

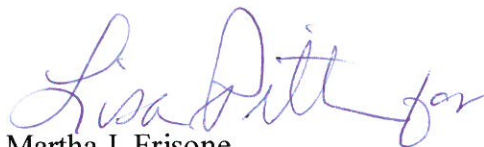
MAILING ADDRESS: 2704 MAIL SERVICE CENTER • RALEIGH, NC 27699-2704

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

Sincerely,



Celia C. Inman
Project Analyst



Martha J. Frisone
Chief, Healthcare Planning and
Certificate of Need Section

cc: Construction Section, DHSR
Radiation Protection Section, DHSR
Amy Craddock, Assistant Chief, Healthcare Planning, DHSR
Acute and Home Care Licensure and Certification Section, DHSR

March 15, 2018

Ms. Martha J. Frisone, Chief
Ms. Celia C. Inman, Project Analyst
Healthcare Planning and Certificate of Need Section
Division of Health Service Regulation
2704 Mail Service Center
Raleigh, NC 27699-2704



Re: CT Scanner Equipment Replacement at Moses Cone Hospital
Lic# H0159/FID# 943494

Dear Ms. Frisone and Ms. Inman:

I am writing to you pursuant to NCGS § 131E-184(a)(7) to inform you of Cone Health's plans to replace a computed tomography (CT) scanner at Moses Cone Hospital, a main campus licensed as part of Cone Health (Lic# H0159). *Attachment 1* contains a comparison of the relevant information and specifications of the existing equipment and the planned replacement equipment. Of note, the replacement Somatom Force v6 CT scanner will cost \$1,929,417. The new equipment will be functionally comparable to the existing equipment being taken out of service. Minor renovations to the imaging suite at Moses Cone Hospital to accommodate the replacement equipment will add approximately \$300,933 to the total capital cost. These costs were estimated by Cone Health Construction Management based on their knowledge and expertise with similar projects. The total proposed capital cost for this equipment replacement, including soft costs and rental of a temporary mobile CT scanner to minimize disruption to services during the replacement, is \$2,405,750. A detailed capital budget is included in *Attachment 2*.

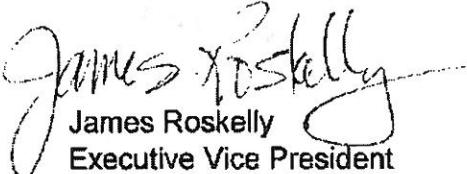
The new equipment, which will be owned and operated by Cone Health, is planned to be placed into service in August 2018. The existing equipment will be removed from Moses Cone Hospital and taken out of service by Beacon International, a company contracted by Siemens Healthcare for the removal of the existing scanner. Cone Health is simply updating an important piece of imaging equipment with newer technology that offers improved resolution for coronary imaging, increased patient safety due to decreased radiation and contrast doses, faster temporal and spatial resolution, and

Ms. Martha J. Frisone
Ms. Celia C. Inman
March 15, 2018
Page 2

provides decreased medication usage during scans. Indeed, Cone Health purchased the existing equipment over 6 years ago and it has exhausted its useful life.

Please let me know if I can answer any questions you have around this planned replacement.

Sincerely,


James Roskelly
Executive Vice President
Strategic Development

JRjyc

Attachment

cc: Steve Shanaberger, Executive Director, Imaging
Sherry Nance, Director, Imaging, Moses Cone Hospital
Ron Galloway, Director, Cone Health Construction Management
Tom Reoch, Senior Project Manager, Cone Health Construction Management

Attachment 1
Equipment Comparison Form

EQUIPMENT COMPARISON

	EXISTING EQUIPMENT	REPLACEMENT EQUIPMENT
Type of Equipment (List Each Component)	CT scanner	CT scanner
Manufacturer of Equipment	Philips	Siemens
Tesla Rating for MRIs	N/A	N/A
Model Number	Brilliance iCT	Somatom Force v6
Serial Number	21361	TBD
Provider's Method of Identifying Equipment	Serial Number	Serial Number
Specify if Mobile or Fixed	Fixed	Fixed
Mobile Trailer Serial Number/VIN #	N/A	N/A
Mobile Tractor Serial Number/VIN #	N/A	N/A
Date of Acquisition of Each Component	09/2011	08/2018 - planned
Does Provider Hold Title to Equipment or Have a Capital Lease?	Title	Title
Specify if Equipment Was/Is New or Used When Acquired	New	New
Total Capital Cost of Project (Including Construction, etc.) <Use Attached Form>	N/A	See attached
Total Cost of Equipment	N/A	\$1,929,417
Fair Market Value of Equipment	\$200,000	\$1,929,417
Net Purchase Price of Equipment	N/A	\$1,929,417
Locations Where Operated	Moses Cone Hospital	Moses Cone Hospital
Number Days In Use/To be Used in N.C. Per Year	365	365
Percent of Change in Patient Charges (by Procedure)	0	0
Percent of Change in Per Procedure Operating Expenses (by Procedure)	0	0
Type of Procedures Currently Performed on Existing Equipment	Coronary Imaging, CTA Perfusion, Trauma, Pediatrics with sedation	N/A
Type of Procedures New Equipment is Capable of Performing	N/A	Coronary Imaging, CTA Perfusion, Trauma, Pediatrics with and without sedation

Attachment 2
Capital Cost Worksheet

PROJECT CAPITAL COST

A.	<u>Site Costs</u>			
(1)	Full Purchase Price of Land		\$ -	
	# of Acres _____ Price per Acre	\$ -		
(2)	Closing Costs		\$ -	
(3)	Site Inspection and Survey		\$ -	
(4)	Legal fees and subsoil investigation		\$ -	
(5)	Site Preparation Costs [Include]		\$ -	
	Soil Borings			
	Clearing and Grading			
	Road and Parking			
	Sidewalks			
	Water and Sewer			
	Excavation and Backfill			
	Termite Treatment			
	Sub-Total Site Preparation Costs		\$ -	
(6)	Other (specify)		\$ -	
(7)	Sub-Total Site Costs			\$ -
B.	<u>Construction Contract</u>			
(8)	Cost of Materials [Include]			
	General Requirements			
	Concrete/Masonry			
	Woods/Doors & Windows/Finishes			
	Thermal and Moisture Protection			
	Equipment/Specialty Items			
	Mechanical/Electrical			
	Sub-Total Cost of Materials			
(9)	Cost of Labor		\$ -	
(10)	Other (Total Construction Contract)		\$ 300,933	
(11)	Sub-Total Construction Contract			\$ 300,933
C.	<u>Miscellaneous Project Costs</u>			
(12)	Building Purchase		\$ -	
(13)	Fixed Equipment Purchase/Lease		\$ 1,929,417	
(14)	Moveable Equipment Purchase/Lease			
(15)	Furniture			
(16)	Landscaping		\$ -	
(17)	Consultant Fees			
	A&E Fees and Reimbursables	\$ 41,400		
	Legal Fees	\$ 1,000		
	Market Analysis	\$ -		
	Other (Equipment Removal Cost)	\$ 5,000		
	Total Consultant Fees		\$ 47,400	
(18)	Financing Costs			
	(e.g. Bond, Loan, etc.)		\$ -	
(19)	Interest During Construction		\$ -	
(20)	Other (Mobile CT Rental/16 weeks)		\$ 128,000	
(21)	Sub-Total Miscellaneous			\$ 2,104,817
D.	Total Capital Cost of Project (Sum A-C above)			\$ 2,405,750

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



SIEMENS REPRESENTATIVE
 Mathew Hayes - (336) 263-4273

PRELIMINARY PROPOSAL

Customer Number: 0000030848

Date: 8/11/2017

CONE HEALTH
 1200 NORTH ELM STREET
 GREENSBORO, NC 27401

Trade-in of existing Philips scanner required.

Multi-modality purchase or POS service agreement required.

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

SOMATOM Force

All items listed below are included for this system:

Qty	Part No.	Item Description
1	14440623	<p>SOMATOM Force</p> <p>The all new SOMATOM Force contains two new Vector X-ray tubes with unprecedented 2 x 1 300 mA tube current at 2 x 120 kW generator power. The new Stellar Infinity detector, including TrueSignal and Edge Technology providing increased in plane resolution (1.840 channels) and ~ 30% increased z-coverage, compared to SOMATOM Definition Flash. SOMATOM Force takes CT imaging where it has never gone before by routinely generating ultra-thin 0.5 mm slices e.g. for most accurate stenosis, plaque and stent analysis and for low-kV imaging without compromises, even in adults or obese patients at scan speeds up to 737 mm/s (opt.). Additionally, the all new measurement system sets the benchmark in low contrast detectability. An object size of 2 mm, at a contrast difference of 3 HU, with a CTDIvol (Ø 32 cm) of only 12.3 mGy (with Phantom CATPHan (20 cm)) can be detected.</p> <p>The all new SOMATOM Force gantry, with its powerful hollow shaft motor achieves maximum rotation speeds of up to 0.25 seconds (optional) resulting in down to 66 ms, head rate independent temporal resolution to freeze motion. It features the all new Turbo Flash mode, with a dynamic Field of View (FoV) of up to 50 cm, even in ultra-high pitch applications (737 mm/s table speeds, Opt.).</p> <p>Besides, it enables reduction in dose, while it improves overall image quality (both high- and low-contrast resolution) for all scans, resulting, e.g. in dose down to sub-mSv for cardiac imaging and below. In its third generation, Dual Energy with Selective Photon Shield II (~ 30% better energy separation, for more precise Dual Energy quantification), automatically provides a second contrast for the best possible diagnosis without any extra dose at a Dual Energy Field of View (FoV) of up to 35 cm at scan speeds up to 285 mm/s (opt.).</p>
1	14440674	<p>CT Replacement SOMATOM Force</p> <p>Conversion to Siemens SOMATOM Force.</p>
1	14440672	<p>ADMIRE</p> <p>ADMIRE (Advanced Modeled Iterative REconstruction) is the next generation of Iterative Reconstruction. ADMIRE offers on the fly powerful dose reduction, excellent image quality and everyday suitability. Other unique qualities of ADMIRE are: Superb details. Positive impact on the reconstructed image quality in comparison to SAFIRE, Reader-ready reconstructions deliver the desired image impression on the fly. Due to the computer power of the new Image Reconstruction System (IRS), ADMIRE has a potential to lower radiation, and to offer a routine-ready performance.</p>
1	14420827	<p>FAST CARE Platform</p> <p>Siemens' unique FAST CARE platform is set to raise the standard of patient-centric productivity. Utilizing FAST - Fully Assisting Scanner Technologies - typically time-consuming and complex procedures during the scan process</p>

PRELIMINARY PROPOSAL

Qty	Part No.	Item Description
		are extremely simplified and automated, not only improving workflow efficiency, but optimizing the clinical outcome by creating reproducible results, making diagnosis more reliable and reducing patient burden through streamlined examinations. Siemens' desire for as little radiation exposure as possible lies at the heart of the CARE - Combined Applications to Reduce Exposure - research and development philosophy offering a unique portfolio of dose saving features, many of them being introduced as industry's first.
1	14440678	FAST 3D Align FAST 3D Align enables automated alignment of FOV, adjustments and reconstructions of standard views.
1	14433987	FAST Planning #AWP Direct, organ-based setting of scan and recon ranges for a faster and more standardized workflow
1	14411180	CARE Child Dedicated pediatric CT imaging, including 70 kV scan modes and specific CARE Dose4D curves and protocols
1	14433988	FAST Spine #AWP Accurate and anatomically aligned preparation of spine recon with just a single click
1	14410507	X-CARE Partial scanning to reduce direct X-ray exposure for the most dose-sensitive body regions, e.g. the breasts, thyroid gland or eye lens
1	14402913	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	14440629	Edge Technology #AWP The new fully-integrated Stellar Infinity detector combined with EdgeTechnology allows for high resolution scanning in daily clinical practice
1	14440630	UHR with extra wide comb The new UHR mode, with the wide large UHR-Combi, delivers Ultra High resolution in plane of up to 32µm (0.16 mm) for high defined imaging of small structures such as inner ear or even the lung, joints or fractures of the bone. The UHR Collimation could be increased to 32 x 0.6 mm collimation.
1	14411015	Rear cover incl. gantry panels Standard CT gantry back cover, including two gantry panel control units
1	14440651	Tunnel Light SOMATOM Force offers a tunnel mood light (LED) in different, preset, adjustable colors that are synchronized with the gantry ring light. It makes the gantry bore appearing wider thus making it easier for patients with claustrophobia to undergo their examination
1	14440652	Ring Light SOMATOM Force offers a gantry ring mood light (LED) in different, preset, adjustable colors that are synchronized with the gantry tunnel light. They help creating a relaxing atmosphere for your patients making a SOMATOM Force examination even more exciting and memorable.
1	14440653	Patient Table Patient table to support ultra-fast spiral scanning and 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: 2-737 mm/s. Positioning aids: Positioning mattress, mattress protector, head-arm support (inclusive cushion), non-tiltable and 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 with positioning mattress, knee-leg support.

PRELIMINARY PROPOSAL

Qty	Part No.	Item Description
1	14102979	Mat for Patient Table For the comfortable positioning of the patient on the CT table.
1	14110627	A4D Spiral w/ Adaptive Dose Shield The unique Adaptive 4D Spiral, in combination with the new Adaptive Dose Shield, moves beyond fixed detector limitations to provide full coverage of any organ in 4D, while it blocks unnecessary radiation during the examination. It introduces up to 80 cm range for dynamic CTA imaging and 4D Noise Reduction to significantly improve image quality with no increase in dose or, alternately, reduce dose up to 50 % without compromising image quality (4D Noise Reduction requires Volume Perfusion CT Neuron Body)
1	14440657	HeartView 0.25 s rotation Scanning technique and program for ECG controlled data acquisition and image reconstruction with lowest possible dose. Dual Source acquisition mode with single segment reconstruction enables heart-rate independent temporal resolution of 66 ms (factor 2 higher than single source acquisition with same parameter) that allows to reliably scan high heart rates, e.g. in acute chest pain evaluation, in coronary visualization, and in functional analysis of the heart.
1	14110682	Cardio BestPhase Plus #AWP Cardio BestPhase, a software dedicated to automatically detect the optimal phase for motion-less coronary visualization. The phase is defined in either end-systole, end-diastole or both timepoints and automatically reconstructed. Includes DirectViewing™, a tool for real time navigation through full volumes of up to 24 heart phases by using an integrated fast 3D volume viewer, available both on the Examination and Recon subtask card. Furthermore it provides easy VRT visualization of the coronaries with removal of all parts of the chest in up to 20 phases within 10 seconds. DirectViewing™ completes the workflow of Cardio BestPhase™ by giving you the flexibility to individually visualize phases for all coronary arteries.
1	14440654	Physiological Monitoring Module The Physiological Measurement Module allows to connect a 3 Channel ECG cable for ECG controlled cardiac acquisition.
1	14403008	ECG Cable IEC2 #D ECG cable, IEC2 (AHA/US color coding)
1	14102956	Computer Desk New CT desk to accommodate the control components and color monitor. Width: 1200 mm, Depth: 800 mm, Height: 720 mm.
1	14402933	Computer Cabinet New cabinet to accommodate the computer system and UPS. Matched to the design of the control console table. Width: 800 mm, Depth: 800 mm, Height: 720 mm.
1	14128036	CARE Contrast III Integrated solution for a simplified bolus injector coupling. It synchronizes scan and contrast injection and transfers the injector protocol data in the patient protocol, in the e-Logbook and in MPPS (if configured)
1	M2ISI900SI	Medrad ISI900 interface,w/instail
1	SURF_VIFW	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.
1	ADAPT_DOSE_SHIELD	Adaptive Dose Shield Adaptive Dose Shield for spiral acquisition to eliminate pre- and post-spiral over-radiation.
1	FAST_ADJUST	FAST Adjust FAST Adjust assists the user to handle system settings in a fast and easy way by automatically solving of conflicts.

PRELIMINARY PROPOSAL

Qty	Part No.	Item Description
1	FAST_SCAN_ASSIST	<p>within user defined limits by one single click on the FAST Adjust button. The limits for scan time and tube current per scan are defined via the Scan Protocol Assistant. FAST Adjust offers an undo functionality to return to previously set values.</p> <p>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.</p>
1	CARE_PROFILE	<p>CARE Profile CARE Profile: Visualization of the dose distribution along the topogram prior to the scan.</p>
1	CARE_DOSE4D	<p>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 50% dose reduction.</p>
1	CARE_KV	<p>CARE kV CARE kV: First automated, organ-sensitive voltage setting to improve image quality and contrast-to-noise-ratio while optimizing dose and potentially reducing it by up to 60%.</p>
1	UFC_DETECTOR	<p>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.</p>
1	ACCESS_PROTECT	<p>Access Protection Scan Protocols are password protected allowing only authorized staff members to access and permanently change protocols.</p>
1	NEMA_XR-29	<p>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.</p>
1	CT_UPS_FORCE	<p>Standard UPS for Force 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.</p> <p>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.</p>
1	CT_PM	<p>CT Project Management A Siemens Project Manager (PM) will be the single point of contact for the implementation of your Siemens equipment. The assigned PM will work with the customer's facilities management, architect or building contractor to assist you in ensuring that your site is ready for installation. Your PM will provide initial and final drawings and will coordinate the scheduling of the equipment, installation, and rigging, as well as the initiation of on-site clinical education.</p>
1	CT_BUDG_ADD_OUT	<p>Budgetary Add'l/Out of Scope Rigging @ \$5,460</p>
1	CT_STD_RIG_INST	<p>CT Standard Rigging and Installation This quotation includes standard rigging and installation of your CT new system.</p> <p>Standard rigging into a room with reasonable access, as determined by Siemens Project Management, during standard working hours (Mon - Fri / 8 am to 5 pm). It remains the responsibility of the Customer to prepare the room in accordance with the SIEMENS planning documents. Any special rigging requirements (Crane, stairs, etc.) and/or special site requirements (e.g. removal of existing</p>

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



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 Mathew Hayes - (336) 263-4273

PRELIMINARY PROPOSAL

Qty	Part No.	Item Description
		systems, etc.) is an incremental cost and the responsibility of the Customer. All other "out of scope" charges (not covered by the standard rigging and installation) will be identified during the site assessment and remain the responsibility of the Customer.
1	4ISPASC11 PSPD250/130V	Low Contrast CT Phantom & Holder
1	3K	Surge Protective Device (SPD)
1	CTSDEF01	CT Slicker Themoseal seams and flaps deflect fluids, reducing contaminant penetration into the cushion and table. Contaminants are retained on the tabletop or slanted 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, 2 catheter bag holder, and 3 restraining belts unless otherwise noted. Includes warranty from RADSCAN Medical.
1	CT_PR_FIV_F QRCE	CT Force Elevate Bonus
1	CT_FSA_FUND	Funding for CT Flexible Spending Account
1	CT_TRADE_IN _ALLCW	Trade-in of existing Philips iCT \$148,000
1	CT_EDUCATIO N5	Clinical Education & Training: Option 5 Siemens offers multiple options for clinical education and training on your new system. These options enable a more personalized approach to the introduction to system operation, features, and benefits and will help ensure that your technologists and physicians have the opportunity to engage in the level of training that best meets your current clinical needs and business objectives. The following items are the education and training modules are highly recommended for the operation of your new Siemens system and are most effective for sites where technologists and/or physicians have limited experience on Siemens' systems. In addition to covering routine procedures, this option also provides additional opportunities to learn more specialized procedures and further increase efficiencies.
1	CT_C.ONVFRP KG	Education Pkg for Conversion Customers This educational package is designed to assist customers in the transition to Siemens CT scanning systems. The package offering consists of two 4 hour customized workshop sessions at the customer's facility-built sessions must be scheduled for and subsequently completed within a 24 hour window, access to Siemens Learning Center for 12 months and up to a total of 100 CE's. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	CT_INITIAL_32	Initial onsite training 32 hrs Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	CT_FOLLOU P_16	Follow-up training 16 hrs Up to (16) hours of follow-up on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	CT_FOLLOU P_24	Follow-up training 24 hrs Up to (24) hours of follow-up on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12)

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PRELIMINARY PROPOSAL

Qty	Part No.	Item Description
		months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
2	CT_ADD_32	Additional onsite training 32 hours Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist if applicable. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	SY_PR_TFAM PLAY	teamply Welcome & Registration Package teamply is a cloud-based network that brings together your imaging modality users, the systems' dose and utilization data, and the users' expertise to help you improve the delivery of care to your patients. Basic features are provided free of charge. Premium features (benchmarking, non-Siemens devices) are provided on a trial basis for three months at no charge, and may be used thereafter on a subscription fee basis. To register: http://teamply.siemens.com/#institutionRegistration/
1	14440680	syngo Dual Energy Scan with SPS II The syngo Dual Energy Scan with SPS II (Selective Photon Shield II) option allows the use of both SOMATOM Force X-ray sources simultaneously at different energies, while the Selective Photon Shield II reduces dose and at the same time increases energy separation by blocking unnecessary parts of the energy spectrum. syngo Dual Energy offers the possibility to acquire two spiral data sets simultaneously from a single scan running the tubes at 80/140 kV, 100/140 kV and newly with 80/150 kV (for obese Dual Energy imaging). The results are two data sets with diverse information.
1	14428553	FAST DE (DE WorkStream 4D) FAST Dual Energy (DE) is a 4D workflow for the Dual Energy data with direct generation of axial, sagittal, coronal, or double-oblique images from standard Dual Energy scanning protocols. The Advantage: the elimination of time consuming, error prone, manual reconstruction steps and a reduction of data volume up to a factor of 10, since virtually all diagnostic information is captured in 3D slices.
1	14441140	syngo.CT DE Advanced Package #1 The syngo.CT Dual Energy Advanced Package includes all Dual Energy Applications that are available for syngo.via.
1	SY_ADDTI_16	Add'l training 16hrs, syngo.via Up to (16) hours of on-site clinical applications training on syngo.via navigation and modality specific clinical workflows, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4)users. The training offering must be completed (12) months from the later of turnover date or offering purchase date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.
1	SY_ADDTI_24	Add'l training 24hrs, syngo.via Up to (24) hours of on-site clinical applications training on syngo.via navigation and modality specific clinical workflows, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4)users. The training offering must be completed (12) months from the later of turnover date or offering purchase date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.

System Total: \$1,929,417

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Mathew Hayes - (336) 263-4273

PRELIMINARY PROPOSAL

FINANCING: The equipment listed above may be financed through Siemens. Ask us about our full range of financial products that can be tailored to meet your business and cash flow requirements. For further information, please contact your local Sales Representative.

Siemens Healthcare is pleased to submit this Preliminary Pricing Proposal. A Preliminary Pricing Proposal is provided for planning purposes only; it is not contractually binding. To receive a contractually binding proposal for the Products listed above, inclusive of Terms, Conditions, and Warranty coverage, please contact your Siemens Healthcare Sales Representative.

Siemens Healthcare

Mathew Hayes
(336) 263-4273
mathew.hayes@siemens-healthineers.com