

# HARTFORD HOSPITAL

80 SEYMOUR STREET  
P.O. Box 5037  
HARTFORD, CT 06102-5037  
860/545-5000

RECEIVED

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CONNECTICUT OFFICE OF  
HEALTH CARE ACCESS

March 22, 2010

Cristine A. Vogel, Deputy Commissioner  
Department of Public Health, Office of Health Care Access  
MS#13HCA  
410 Capitol Avenue  
P.O. Box 340308  
Hartford, CT 06134-0308

Dear Commissioner Vogel:

Enclosed please find for your review and consideration completed form 2030, a letter of intent for the purchase of a CT Simulator to be located in Hartford Hospital's Helen and Harry Gray Cancer Center. As you may recall from your previous meeting with Dr. Andrew Salner and Kevin Kinsella, the proposed machine will replace an antiquated unit installed in 1992 for an amount below the CON threshold in place at the time. Therefore, a CON was neither required nor obtained.

Please feel free to contact me directly at 860 545-1532 if you or your staff has any questions. Thank you in advance for your consideration of this matter.

Sincerely,

Karen T. Goyette  
Vice President, Strategic Planning and Business Development

Encl.



000001

## State of Connecticut Office of Health Care Access Letter of Intent Form Form 2030

All Applicants involved with the proposal must be listed for identification purposes. A proposal's Letter of Intent (LOI) form must be submitted prior to a Certificate of Need application submission to OHCA by the Applicant(s), pursuant to Sections 19a-638 and 19a-639 of the Connecticut General Statutes and Section 19a-643-79 of OHCA's Regulations. Please complete and submit Form 2030 to the Commissioner of the Office of Health Care Access, 410 Capitol Avenue, MS# 13HCA, P.O. Box 340308, Hartford, Connecticut 06134-0308.

### SECTION I. APPLICANT INFORMATION

If this proposal has more than two Applicants, please attach a separate sheet, supplying the same information for each additional Applicant in the format presented in the following table.

	Applicant One	Applicant Two
Full legal name	Hartford Hospital	
Doing Business As	Hartford Hospital	
Name of Parent Corporation	Hartford Healthcare Corporation	
Applicant's Mailing Address, if Post Office (PO) Box, include a street mailing address for Certified Mail (Zip Code Required)	80 Seymour Street P.O. Box 5037 Hartford, CT 06102-5037	
Identify Applicant Status: P for Profit or NP for Nonprofit	NP	
Does the Applicant have Tax Exempt Status?	<u>Yes</u>	Yes No
Contact Person, including Title/Position: This Individual will be the Applicant Designee to receive all correspondence in this matter.	Karen T. Goyette Vice President, Strategic Planning and Business Development	
Contact Person's Mailing Address, if PO Box, include a street mailing address for Certified Mail (Zip Code Required)	80 Seymour Street P.O. Box 5037 Hartford, CT 06102-5037	
Contact Person Telephone Number	860-545-1532	
Contact Person Fax Number	860-545-2127	
Contact Person e-mail Address	kgoyette@hARTHosp.org	

**SECTION II. GENERAL APPLICATION INFORMATION**

- a. Project Title: **CT Simulator Replacement for Radiation Oncology**
- b. Project Proposal: **Replacement of a CT Simulator for Radiation Oncology**
- c. Type of Project/Proposal, please check all that apply:

**Inpatient Service(s):**

Medical/Surgical       Cardiac       Pediatric       Maternity  
 Trauma Center       Transplantation Programs  
 Rehabilitation (specify type) \_\_\_\_\_  
 Behavioral Health (Psychiatric and/or Substance Abuse Services)  
 Other Inpatient (specify) \_\_\_\_\_

**Outpatient Service(s):**

Ambulatory Surgery Center       Primary Care       Oncology  
 New Hospital Satellite Facility       Emergency       Urgent Care  
 Rehabilitation (specify type) \_\_\_\_\_       Central Services Facility  
 Behavioral Health (Psychiatric and/or Substance Abuse Services)  
 Other Outpatient (specify) \_\_\_\_\_

**Imaging:**

MRI       CT Scanner       PET Scanner  
 CT Simulator       PET/CT Scanner       Linear Accelerator  
 Cineangiography Equipment       New Technology: \_\_\_\_\_

**Non-Clinical:**

Facility Development       Non-Medical Equipment       Renovations  
 Change in Ownership or Control       Land and/or Building Acquisitions  
 Organizational Structure (Mergers, Acquisitions, & Affiliations)  
 Other Non-Clinical: \_\_\_\_\_

- d. Does the proposal include a Change in Facility (F), Service (S)/Function (Fnc) pursuant to Section 19a-638, C.G.S.?

Yes       No

If you checked "Yes" above, please check the appropriate box below:

New (F, S, Fnc)       Additional (F, S, Fnc)       Replacement  
 Expansion (F, S, Fnc)       Relocation       Termination of Service  
 Reduction       Change in Ownership/Control

e. Will the Capital Expenditure/Cost of the proposal exceed \$3,000,000, pursuant to Section 19a-639, C.G.S.?

Yes       No

If you checked "Yes" above, please check the boxes below, as appropriate:

- New equipment acquisition and operation
- Replacement equipment with disposal of existing equipment
- Major medical equipment
- Change in ownership or control

f. Location of proposal, identifying Street Address, Town and Zip Code:

**80 Seymour Street, Hartford, CT, 06102-5037**

g. List each town this project is intended to serve:

**Primary Service Area**

Avon	Hartford	Simsbury
Bloomfield	Manchester	South Windsor
Bolton	New Britain	West Hartford
East Hartford	Newington	Wethersfield
Farmington	Rocky Hill	Windsor
Glastonbury		

**Secondary Service Area**

Andover	Enfield	Portland
Barkhamsted	Franklin	Preston
Berlin	Granby	Salem
Bozrah	Haddam	Somers
Bristol	Hartland	Southington
Burlington	Harwinton	Stafford
Canton	Hebron	Suffield
Colchester	Lebanon	Tolland
Columbia	Mansfield	Torrington
Coventry	Marlborough	Union
Cromwell	Meriden	Vernon
East Granby	Middlefield	Wallingford
East Haddam	Middletown	Winchester
East Hampton	New Hartford	Windham
East Windsor	Norwich	Windsor Locks
Ellington	Plainville	

h. Estimated starting date for the project: **September 1, 2010**

i. If the proposal includes change in the number of beds provide the following information:

Not applicable. This proposal does not result in any change in number of beds

Type	Existing Staffed	Existing Licensed	Proposed Increase or (Decrease)	Proposed Total Licensed

### SECTION III. ESTIMATED CAPITAL EXPENDITURE/COST INFORMATION

a. Estimated Total Project Expenditure/Cost: \$ 999,414

b. Please provide the following tentative capital expenditure/costs related to the proposal:

Major Medical Equipment Purchases*	\$ 599,262
Medical Equipment Purchases*	178,819
Non-Medical Equipment Purchases*	9,333
Land/Building Purchases	0
Construction/Renovation	185,000
Other (Non-Construction) Specify: <b>Contingency</b>	27,000
<b>Total Capital Expenditure</b>	<b>\$ 999,414</b>
Major Medical Equipment – Fair Market Value of Leases Medical	
Equipment – Fair Market Value of Leases	
Non-Medical Equipment – Fair Market Value of Leases*	
Fair Market Value of Space – Capital Leases Only	
<b>Total Capital Cost</b>	<b>\$ 999,414</b>
<b>Total Project Cost</b>	<b>\$ 999,414</b>
Capitalized Financing Costs (Informational Purpose Only)	

\* Provide an itemized list of all medical and non-medical equipment to be purchased and leased. **(See Attachment 1)**

c. If the proposal has a total capital expenditure/cost exceeding \$20,000,000 or if the proposal is for major medical equipment exceeding \$3,000,000, you may request a Waiver of Public Hearing pursuant to Section 19a-643-45 of OHCA's Regulations? Please check your preference.

Yes       No

- If you checked "Yes" above: please check the appropriate box below indicating the basis of the projects eligibility for a waiver of hearing
 

Energy Conservation       Health, Fire, Building and Life Safety Code  
 Non Substantive
- Provide supporting documentation from elected town officials (i.e. letter from Mayor's Office).

d. Major Medical and/or Imaging Equipment Acquisition:

Equipment Type	Name	Model	Number of Units	Cost per unit
Large Bore CT Simulator	Toshiba	Aquilion	1	\$ 599,262

Note: Provide a copy of the vendor contract or quotation for each major medical/imaging equipment.  
**See Attachment 2**

e. Type of financing or funding source (more than one can be checked):

<input type="checkbox"/> Applicant's Equity	<input type="checkbox"/> Capital Lease	<input type="checkbox"/> Conventional Loan
<input type="checkbox"/> Charitable Contributions	<input type="checkbox"/> Operating Lease	<input type="checkbox"/> CHEFA Financing
<input checked="" type="checkbox"/> Funded Depreciation	<input type="checkbox"/> Grant Funding	
<input type="checkbox"/> Other (specify) _____		

#### **SECTION IV. PROJECT DESCRIPTION**

**In paragraph format**, please provide a description of the proposed project, highlighting each of its important aspects, on at least one, but not more than two separate 8.5" X 11" sheets of paper. At a minimum each of the following items need to be addressed, if applicable.

1. List the types of services are currently being provided. If applicable, provide a copy of each Department of Public Health (DPH) license held by the Applicant.
2. List the types of services being proposed and what DPH licensure categories will be sought, if applicable.
3. Identify the current population served and the target population to be served.
4. Identify any unmet need and describe how this project will fulfill that need.
5. Are there any similar existing service providers in the proposed geographic area?
6. Describe the anticipated effect of this proposal on the health care delivery system in the State of Connecticut.
7. Who will be responsible for providing the service?
8. Who are the current payers of this service and identify any anticipated payer changes when the proposed project becomes operational?

**AFFIDAVIT****To be completed by each Applicant**Applicant: **Hartford Hospital**Project Title: **Replacement of a CT Simulator for Radiation Oncology**

I, Thomas Marchozzi, Chief Financial Officer of Hartford Hospital  
(Name) (Position) (Facility Name)

being duly sworn, depose and state that the information provided in this CON Letter of Intent (Form 2030) is true and accurate to the best of my knowledge, and that Hartford Hospital complies with the (Facility Name) appropriate and applicable criteria as set forth in the Sections 19a-630, 19a-637, 19a-638, 19a-639, 19a-486 and/or 4-181 of the Connecticut General Statutes.

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Signature

Date

3/23/10

Subscribed and sworn to before me on

March 23, 2010

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Notary Public/Commissioner of Superior CourtMy commission expires: 02/28/2010

Rebecca Scibelli	Notary Public, Connecticut
My Commission Expires Feb. 28, 2012	

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### Project Description

This is a proposal for the replacement of a Philips SLS 9 simulator with a Toshiba Aquilion 16 slice Large Bore CT Simulator, as well as for the relocation of an existing Varian Acuity simulator within the department of Radiation Oncology at Hartford Hospital's Helen and Harry Gray Cancer Center. The existing Philips conventional simulator was installed in 1992 at a cost of \$400,000. Since this amount did not exceed the Certificate of Need threshold in place at the time, no CON was required nor obtained. The Philips simulator no longer provides the standard of care associated with modern radiation oncology departments. The large bore of the proposed CT will allow simulation of more patients in the treatment position with various treatment devices. Many larger patient cannot be treated in conventional (smaller bore) CT Scanners. The acquisition of this scanner will also reduce the Cancer Center's dependence on other CT Scanners located in the Department of Radiology and the Emergency Department, thus freeing up those scanners for routine and emergent studies. The addition of this scanner will allow the provision of limited diagnostic services to bariatric patients. The Cancer Center will also be able to provide service to a limited number of Oncology patients who may require urgent scanning when not available elsewhere. The Acuity simulator will be relocated into the HDR suite, where it will be used for brachytherapy applications and some conventional external beam simulation. This will free up the current Acuity space for the CT Simulator.

**1. List the types of services are currently being provided. If applicable, provide a copy of each Department of Public Health (DPH) license held by the Applicant.**

**Response:** Hartford Hospital Department of Radiation Oncology delivers Radiation treatments in the form of Image Guided Radiation Oncology, Intensity Modulated Radiation Therapy, stereotactic radiation therapy, and convention radiation oncology treatments. The hospital also provides HDR and LDR brachytherapy services as well as Simulation and Treatment Planning services. Similar external radiation therapy services are provided at the hospital's Avon facility, utilizing a CT simulator very similar to the proposed CT simulator. All services would be provided under Hartford Hospital's license.

**2. List the types of services being proposed and what DPH licensure categories will be sought, if applicable?**

**Response:** The services associated with this application are currently being provided. CT based treatment planning is considered to be the standard in Radiation Oncology treatment. Patients currently receive CT scans in the hospital's Radiology and Emergency Departments. These facilities are used heavily and do not always permit as timely a service for cancer patients as would be indicated. The location of these units are not in proximity to the Cancer Center and therefore mandates the transportation of the patient, treatment record and treatment devices. This is inconvenient for the patient and inefficient for the staff. The current bore size of existing HH Scanners limits the scanning of patients in the treatment position due to the size of the devices required. The Large Bore of the proposed scanner will alleviate this issue as well as enable the provision of this service within the Cancer Center, thus reducing the stress and enhancing access for our patients and staff. No additional licenses will be sought.

**3. Identify the current population served and the target population to be served.**

**Response:** The new CT scanner will continue to serve the current population of patients receiving care in Radiation Oncology. Also, the addition of this CT scanner will make available to Hartford Hospital limited diagnostic scanning capability for the bariatric and cancer patient population.

**4. Identify any unmet need and describe how this project will fulfill that need.**

**Response:** As noted above, this service is currently being provided by Hartford Hospital, however, the existing Philips simulator no longer provides the standard of care associated with modern radiation oncology departments. The large bore of the proposed CT will allow simulation of more patients in the treatment position with various treatment devices. Many larger patients cannot be simulated in conventional (smaller bore) CT Scanners. The acquisition of this scanner will also reduce dependence on existing CT Scanners located in the Department of Radiology and the Emergency Department, thus freeing up those scanners for routine and emergent studies. The addition of this scanner will also allow the provision of limited diagnostic services to bariatric patients. Finally, we will also be able to provide service to a limited number of Oncology patients that are in the Cancer Center that may require urgent scanning when not available elsewhere.

**5. Are there any similar existing service providers in the proposed geographic area?**

**Response:** Hartford Hospital's Helen and Harry Gray Cancer Center is the primary provider of this service in the area. Approval of this proposal will make it possible for the hospital to continue to provide high quality radiation oncology services. Other providers of radiation oncology in the immediate area are St. Francis Hospital and Medical Center and the University of Connecticut Health Center.

**6. Describe the anticipated effect of this proposal on the health care delivery system in the State of Connecticut.**

**Response:** This proposal will not have a significant effect upon the health care delivery system in the State of Connecticut, since the services it will enable are, in large part, already being provided at Hartford Hospital. It will, however, have a significant impact upon the quality and efficiency of the care provided to patients receiving radiation oncology services at Hartford Hospital.

**7. Who will be responsible for providing this service?**

**Response:** Hartford Hospital will provide this service.

**8. Who are the current payers of this service and identify any anticipated payer changes when the proposed project becomes operational?**

**Response:** The current payers of this service include Medicare, Medicaid, Anthem Blue Cross, Aetna, and ConnectiCare. No change is anticipated.

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**ATTACHMENT 1**

**Itemized List of Medical and Non-Medical Equipment**

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## Hartford Hospital - CT Simulator Replacement

Equipment		Category	Cost
Vendor	Item		
Toshiba	Aquilion LB	Major Medical	\$599,262.00
LifeLine Software	RadCalc Brachytherapy Module	Medical	6,375.00
Standard Imaging	Lucy 3D Phantom w/ Acc plus PIPSPRO QA Software	Medical	54,090.00
Bionix	2 prone breast boards	Medical	9,702.00
Varian	Chart QA site licenses	Medical	28,000.00
	Injector	Medical	30,000.00
Nucletron	CT Compatible HDR Cylinder Applicators	Medical	26,800.00
Nucletron	HDR "baseplate"	Medical	7,000.00
Civco	Timo Headrests - MTTIMO	Medical	255.00
Civco	Wing Board - MTWB09	Medical	335.00
Civco	Kneefit 2 Cushion - MTSIN301047	Medical	556.00
Civco	Multi Purpose Support Sponge Set - MTSIN400006	Medical	508.00
Civco	Carbon Fiber Breastboard MT-350-N X2	Medical	10,000.00
Civco	Transfer Board - MTVIP40	Medical	450.00
PTW	Parallel Plate Chamber HH	Medical	4,000.00
Market Lab	Table Pad - HR3270	Medical	440.00
Market Lab	Triple Glove Dispenser - HR3615	Medical	83.00
Market Lab	7 Gallon Bio Hazard Waste Bin - HR10043+HR1029	Medical	225.00
<b>Subtotal - Medical</b>			<b>\$178,819.00</b>
COI	Bariatric chair	Non-Medical	897.75
COI	3 Tall stool chairs	Non-Medical	1,151.04
AOS	PC X 5	Non-Medical	6,800.00
AOS	CCTV Monitor	Non-Medical	275.00
AOS	Wall mount	Non-Medical	40.00
Market Lab	Sundry jars - ML0238	Non-Medical	85.00
Market Lab	Foot Stool w/ handle - HR4043	Non-Medical	84.00
<b>Subtotal - Non-Medical</b>			<b>\$9,332.79</b>
<b>Total Purchases</b>			<b>\$787,413.79</b>
<b>Renovations</b>			
Varian	Relocation of Acuity		48,500.00
Donati Construction	Room modifications		94,500.00
Donati Construction	Additional work		2,000.00
HH	2New network drops		1,000.00
	New door opener & veneer		5,000.00
JOBuilt	Millwork		29,000.00
	Art		5,000.00
	Contingency		27,000.00
<b>SubTotal Renovations</b>			<b>\$212,000.00</b>

Total Project \$999,413.79

000014

**ATTACHMENT 2**

**Vendor Quote for Medical/Imaging Equipment**

000015

**TOSHIBA**

Leading Innovation >>>

**TOSHIBA AMERICA MEDICAL SYSTEMS, INC.**

**QUOTATION/ORDER  
ORDER SUMMARY**

PRESENTED TO: (COMPLETE LEGAL NAME)

HARTFORD HOSPITAL  
80 SEYMOUR ST  
HARTFORD, CT. 06115

DATE: 3/15/2010 OMT NO: 374952  
QUOTE NO: 96123

DELIVER TO:

HARTFORD HOSPITAL  
80 SEYMOUR ST  
HARTFORD, CT. 06115

EQUIPMENT SUMMARY:

**#AQLB**

**AQUILION LARGE BORE CT SCANNER**

CT SCANNER AQ LB WITH EXTENDED  
COUCH

CT ACCESSORY KIT - EXTENDED COUCH  
1800 MM

MED-TEC IPPSTM CT INSERT TABLETOP FOR  
EXTENDED 1800 MM COUCH

CT PHANTOM

CONSOLE DESK 65" X 36" X 30"

(2) CHAIR WITH ADJUSTABLE ARMS AND  
BACK

(5) MEDIA FOR DVD-RAM DRIVE (9.4 GB)

CABLE CATEGORY 5E/RJ45 5M

This quotation shall remain valid for 30 days (not to exceed 60 days) from date of submission.

All prices are F.O.B. destination.

Payment terms are: Cash - 10% down payment, 70% upon shipment, 20% net 30 days after shipment or upon availability for first use by purchaser, whichever comes first.

Additional terms and conditions appear at the end of this quotation. McKesson Agreement Required  Yes  No

Vital Software License Agreement Required  Yes  No

Please return signed quotation to: Toshiba America Medical Systems, 2441 Michelle Drive, Tustin, CA 92780.

ACCEPTED AGREED AND ORDERED:

CUSTOMER REQUESTED DELIVERY DATE:

PURCHASER'S SIGNATURE/TITLE

DATE

ZONE SALES MANAGER

DATE

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**TOSHIBA AMERICA MEDICAL SYSTEMS, INC.****QUOTATION/ORDER  
ORDER SUMMARY**

PRESENTED TO: (COMPLETE LEGAL NAME)

HARTFORD HOSPITAL  
80 SEYMOUR ST  
HARTFORD, CT. 06115

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EQUIPMENT SUMMARY: (continued)

CABLE CATEGORY 5E/RJ45 35M

(2) SERVICE MODEM CABLE

FLOOR LEVELING EPOXY KIT

DICOM MODALITY WORKLIST  
MANAGEMENT (MWM) SERVICE CLASS  
USER (SCU) SYSTEM

VARIAN RPM RESPIRATORY GATING

RESPIRATORY GATING SYSTEM

RESPIRATORY GATING JAN06~

POWER CONDITIONER/DISTRIBUTOR 125  
KVA UNIVERSAL

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#AQLB

**AQUILION LARGE BORE CT SCANNER**

Aquilion LB is a large bore Computed Tomography (CT) scanner that provides uncompromised patient positioning with outstanding image quality and clinical performance.

The system was designed for uncompromised patient positioning and image quality necessary for CT simulation and oncology treatment planning. This includes:

- Widest bore opening in the industry (90 cm) for easy patient positioning and maximum flexibility for treatment planning, and
- Largest true (non-extrapolated) field-of-view (70 cm), which covers more anatomy with greater accuracy than ever before by using Toshiba's Quantum<sup>PLUS</sup> Detector

The Aquilion LB solves one of the biggest problems faced in oncology – the positioning of a large patient on a breast board with both arms up and the board tilted to its maximum (25%).

Aquilion's Quantum<sup>PLUS</sup> detector introduces true isotropic resolution to oncology. This enables the user to scan in one plane and reconstruct information in another plane with the same image quality, allowing clinicians to use 3-D volumetric information when needed. Aquilion's Quantum<sup>PLUS</sup> detector is the only detector to provide three slice-width combinations – 16x0.5, 16x1 and 16x2 mm – and it achieves an industry-leading, low-contrast resolution without using additional dose.

The combination of a high-speed scanner and a powerful, high-voltage generator meets every diagnostic requirement. Solid-state, multi-row detectors and optimal reconstruction techniques ensure high-quality images. A high-performance CPU, large color monitors, hybrid keyboard and refined Graphic User Interface (GUI) make the operating environment highly efficient.

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### COMPONENTS

- Large-aperture, 90 cm, slip-ring gantry and extra-wide couch (47 cm)
- MEDTEC CT table insert/overlay
- High-frequency X-ray generator and high-heat-capacity X-ray tube
- Ergonomic operator console
- Volumetric image processor
- High-capacity hard disk
- CD-R / DVD-RAM Drive - 9.4 GBytes (double sided DVD RAM)
- Image data transfer link
- Patient comfort accessories
- Operator manuals and quality assurance phantoms

### KEY FEATURES

**Uncompromised Patient Positioning:** The industry's largest aperture of 90 cm and the 70 cm true reconstruction field-of-view provides extreme flexibility during CT simulation and uncompromised treatment planning.

**Routine Fast Scanning:** Using slip-ring technology, Aquilion LB is able to perform 0.32-second partial scans and 0.5-second routine scans to meet the demands of dynamic and helical examinations.

**High Image Quality:** The Aquilion LB features 994 channels in 40 rows of solid-state detectors; specialized, user-selectable, image-reconstruction algorithms; and a wide selection of slice thicknesses. The system provides outstanding low-contrast resolution of 2 mm at 0.3% and high-contrast resolution of 0.35 mm.

**High-Power Generator:** Robust, high-voltage circuits generate 60 kW of power and 500 mA, providing support for the 7.5 MHU X-ray tube that makes possible helical scans up to 100 seconds and scans with metal-free scan range of up to 1,800 mm.

**Multiple kV Selections:** 80, 100, 120 and 135 kV.

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**Fast Image Reconstruction Time:** Up to 10 images per second.

**SURETechnology:** Provides maximum productivity and best image quality at the lowest possible dose. Real-time helical display, which provides instantaneous visualization of acquired images, allows the operator to rapidly assess if additional images are needed. **SUREStart** bolus tracking software, which is included in the standard configuration, provides the ability to monitor contrast media in real-time.

**Easy Operation:** Perform easy operations using the 18-inch LCD monitor, mouse and hybrid keyboard. Scan automatically by programming procedures with eXam Plan and vocal instructions through VoiceLink™.

**Optimal Space Utilization:** The Aquilion LB has only three components - gantry, couch and console - with a footprint of only 27 square meters.

### DOSE REDUCTION FEATURES

The Aquilion CT systems from its dual-supported anode grounded x-ray tube, to the ultra-efficient Quantum Detector system and low noise data acquisition system (DAS), to the dose-saving **SUREExposure3D** (x, y, z mA modulation software), to advanced adaptive reconstruction (QDS) and noise reduction algorithms (Boost3D), have been designed to deliver the best image quality at the lowest possible dose.

**Quantum Denoising Software - QDS (Adaptive Noise Reduction) :** Toshiba's Quantum Denoising Software is an adaptive noise reduction algorithm that works in the image data space by preferentially smoothing areas of uniform density while preserving the edge information of the image. QDS works in both two and three dimensions and can drastically reduce image noise, allowing a corresponding savings in patient dose of up to 50%. Most importantly, QDS works in conjunction with the **SUREExposure3D** software to adjust the mAs based on the expected noise reduction from QDS. In this way, patient dose reduction is totally integrated in the Aquilion console software prior to turning on the x-ray beam.

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**SUREExposure3D (x, y, z automated mA modulation software)** : Toshiba's SUREExposure3D software automatically adjusts the mAs rapidly during the scan to adapt to and compensate for changes in attenuation level produced by the non-uniformity of the anatomy being imaged. Therefore, as the scan moves from the shoulders to the lung, the mAs goes down, and as the tube rotates around the patient, less mAs is used anterior-posterior than laterally. For the same image quality level, compared to non-modulated scanning, SUREExposure3D can reduce the dose by up to 40%.

**Boost3D** : Boost3D is an adaptive, three-dimensional algorithm that virtually eliminates degradation of image quality due to highly attenuating anatomical structures, such as the pelvis or shoulders. Without dose reduction algorithms, like Boost3D, these highly attenuating areas require increased mAs and kVp to overcome the low photon count. Instead, Boost3D seeks out portions of the raw-projection data where there is a disproportionate loss in x-ray signal and applies a three-dimensional algorithm locally to reduce the image noise and streak artifacts.

### EQUIPMENT DESCRIPTION

#### **Aquilion LB Gantry**

The Aquilion LB gantry uses a direct-drive design to provide accurate alignment between beam and detector, and to reduce rotational noise for higher-quality images.

A low-voltage slip ring assures reliable, continuous power transfer.

- Digital signal transmission facilitated by innovative optical-coupling technology moves information to the volumetric image processor
- Generator is inside the gantry to conserve space

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Other features include:

- Industry's largest aperture: 90 cm
- Five scan fields of view: 24, 32, 40, 55 and 70 cm
- Gantry controls on both sides
- Patient positioning lights
- Wide range of scan times provides greater flexibility for optimal image quality (0.32 partial; 0.5, 0.75, 1, 1.5, 2 and 3 seconds full)
- Slice thickness selections of 16x0.5, 16x1 and 16x2 mm with the capability of stacking images to the desired slice thickness

**Couch**

- 47 cm wide, metal-free couch top
- Horizontal stroke of 2,190 mm and a scanning range of 1,800 mm for tall patients
- Couch top can be lowered to 30 cm (12 inches)
- Manual control of table movement from both the gantry and console or programmed by an exam protocol
- Couch top supports up to 450 lbs. while maintaining accuracy of  $\pm 0.25$  mm

**Couch Insert/Overlay**

- Toshiba IPPSTM table overlay uses MEDTEC's patented indexing feature for rapid, accurate and repeatable patient set-up
- 53 cm wide, 200 cm long, 10 cm thick and 14 kg weight
- Constructed of foam core covered with carbon fiber

**Dual CT Consoles**

- Consists of hybrid keyboards, mouse, monitors and Navibox
- Controls the entire system, including power
- Image display
- Scanoscope control
- Remote control of couch-top movement
- Window level and width adjustment
- Three preset windows can be stored in the eXam Plans
- Other mouse-operated, image-processing functions

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- High line-rate, 18-inch LCD monitors
- Displays images in 512x512 or 1024x1024
- CT number display ranges from -1,536 to +8,191
- 32 programmable voice commands

**X-ray Tube**

The Aquilion LB is equipped with the MegaCool™ X-ray tube. This compact, high-performance tube was designed specifically to minimize tube-cooling delays in heavy patient-load conditions using 0.5-second scan time.

Other features include:

- Dual focal spots
- Anode capacity of 7.5 MHU
- Dissipation rate of 1,386 kHU per minute maximum

**Detectors**

The Quantum<sup>PLUS</sup> detector design allows Toshiba to generate a 70 cm true field-of-view – the largest in the industry – for uncompromised positioning.

Other features include:

- Solid-state detector array
- Low-contrast resolution of 2 mm at 0.3%
- 994 detector channels and 40 rows of detector elements
- 1,800 views per second to produce high-resolution images

**Computer**

- Two 32-bit processors
- Capable of simultaneous scanning, retrieving, reconstructing, archiving and filming without interruption – true multi-tasking system
- Ultra-fast, 217 GB hard disk
- 100,000 images on both scan and display console
- 3,600 rotations of raw data maximum
- CD-R / DVD-RAM Drive – 9.4 GBytes (double sided DVD RAM)
- DICOM CD writer (*option*) – Archive up to 1000 images

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### PATIENT AND IMAGE MANAGEMENT

#### **Patient Demographics Management**

- Enter individual patient information at the time of examination manually or imported from Modality Worklist Management query.
- On-line patient appointment file management

#### **Image Management**

Aquilion LB images can be stored on hard disk, magneto-optical disk or transferred via gigabit Ethernet connection using DICOM 3.0 standards.

#### **DICOM 3.0 (Storage SCU)**

- Allows the CT scanner to export images to CT simulation, 3-D workstations or any other device on the network
- Consists of software only and utilizes pre-existing Ethernet ports on the CT scanner to connect to a coax-Ethernet-based network running TCP-IP communication protocols
- The system can be set to automatically transfer images to the network after an exam is complete

#### **DICOM 3.0 (Print SCU)**

- Allows the CT scanner to send image data that has been acquired and reconstructed to a film imager for printing via Ethernet in conformance with DICOM 3.0 standards

#### **Image Display**

- Display in multiple formats ranging from 1 to 16
- Overlay an inset scanogram for quick reference marking
- Add, subtract, rotate or filter images
- Adjust window width and level non-linearly, accommodating up to six built-in curves and six user-defined curves

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**IMAGE QUALITY ENHANCEMENTS**

**Automatic, 2-Pass, Beam-Hardening Correction (BHC):** Compensates for the non-uniform, beam-hardening effect of bone for more accurate reconstruction. Reduction of streak artifacts in the posterior fossa and elimination of cupping artifact in the mid-brain.

**Raster Artifact Suppression Protocol (RASP):** Reduces artifacts caused by non-uniform attenuation such as in the shoulders and pelvis, and may be applied prospectively or retrospectively.

**Reconstruction Algorithms:** Grouped by anatomical application, more than 20 algorithms are provided for customized image reconstruction according to the diagnostic information needed or physician preference.

**HELICAL SCAN & FUNCTIONALITY**

**MultiView:** Built into protocol for fast, multi-planar reconstruction in batch mode specifically for multislice data sets. Coronal, sagittal and axial images are created from isotropic volume data.

**3-D Imaging:** Provides excellent image quality with surface shaded-renderings and volume-rendered 3-D images. Provides zooming and panning over the 3-D surface and performs distance measurements. Other features include:

- 3-D surface display
- 3-D shaded volume display
- Maximum intensity projection (Max - IP)
- Minimum intensity projection (Min - IP)
- Intensity volume rendering

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**Quantitative Analysis**

- Profile display of CT numbers along a selected line in the axial plane
- Distance measurement and display
- CT number display
- Histogram display
- Circulatory function analysis fits a curve to CT number changes over time for a selected region of interest (ROI)
- Functional images based on peak height, peak time, appearance time, area under curve, mean transit time, second moment and transit time
- ROIs can be rectangular, circular or irregular

**Image Manipulation**

- Vari-area allows pre-selection of ROI for accurate display field of view (DFOV) using raw data for immediate viewing
- User-defined, post-processing filters for edge enhancement and smoothing

**Annotation**

- Four lines of comments and arrow display
- 36 exam information fields that can be selectively masked or shown depending on site requirements

**eXam Plan Protocols**

- 684 eXam Plan protocols that can be adjusted while scanning
- Four preset reconstructions
- eXam Plan sets can be stored on optical disks and copied to other Toshiba scanners

**Archiving**

- Can be automated with each eXam Plan
- Data can be stored on and retrieved from MOD
- Raw data and image data can be protected to prevent deletion

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### Filming

- Auto filming can be set as part of the eXam Plan
- Images are displayed in 512x512 or 1024x1024

### CUSTOMER CARE SERVICES

#### InnerVision

Remote diagnostics proactively monitor the system to minimize downtime

#### Image Maker Express

The Image Maker Express is a marketing support online resource designed exclusively for Toshiba customers that helps you create outreach programs to generate awareness about your imaging services.

- Includes positioning and messaging guides to help you strategize your communications efforts and tactics
- Contains product information, ready-to-use collaterals, and ideas for creating custom materials to promote your new imaging capabilities

Image Maker Express gives you access to:

- Product images
- Clinical images
- PowerPoint presentations
- Sample brochures
- Sample press releases
- Marketing strategy tutorials
- Updates at [www.imagemaker.toshiba.com/express](http://www.imagemaker.toshiba.com/express)

*\*Offerings may vary per product*

Build demand by:

- Sending a press release
- Developing a strategic plan
- Creating brochures
- Finding tips on effective presentations

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### Application Training

Each system includes three phases of training.

**Phase I:** A one-week intensive course on the operation of the scanner

- Conducted at the Toshiba Training Academy in Irvine, California
- Accredited for continuing education by the ASRT Education Foundation
- Two attendance vouchers good for course and travel expenses provided with each system
- One technologist must attend prior to system installation
- The second voucher is valid for six months following installation
- Additional vouchers available for \$3,500

**Phase II:** 32 hours of training that builds on the Phase I academy training

- On-site at client facility
- Training for up to four technologists
- Technologist who attends the academy course must attend Phase II

**Phase III:** 32 hours of follow-up training

- On-site at client facility
- Approximately 8-10 weeks after Phase II training

**Additional On-Site Training:**

Additional On-site training available for purchase.

Applications support is available by phone on the toll-free ASSIST line.

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## COMPONENT SUMMARY:

#CA-3110P	<b>AQUILION LB EXTENDED COUCH</b>
TSX-201A/1L	<b>CT SCANNER AQ LB WITH EXTENDED COUCH</b>
CT-9058	<b>CT ACCESSORY KIT - EXTENDED COUCH 1800 MM</b>

Accessory Kit for Extended Couch -Includes each of the following items:

- "The Shield" Table Pad
- Rolled Edge Foot Extension Pad
- Protective Table Cover
- Chin Strap
- Forehead Strap with Adult Pad
- Adult Head Rests
- Tilt Wedge
- Knee Wedge
- Coronal Head Positioner
- Pediatric Lift Pad

CAFT-016A/1B	<b>MED-TEC IPPS™ CT INSERT TABLETOP FOR EXTENDED 1800 MM COUCH</b>
--------------	--

The IPPS™ CT Couch Overlay is designed to provide rapid, accurate, and repeatable patient setup and localization. The MED-TEC indexing system provides convenient and consistent orthogonal alignment.

- Optimum patient comfort
- Treatment flexibility
- Quick set-up and ease-of-use
- Highly repeatable patient positioning

*Note: Applies to Aquilion 64, 32, 16, 8 and Super 4 extended 1800 mm couches.*

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**DCHIS-CT-PHANTM      CT PHANTOM**

Measures image quality to ensure compliance to Toshiba standards for:

- High-contrast resolution
- Low-contrast resolution
- Slice thickness
- Noise
- Contrast scale

**SK-03050-1      CONSOLE DESK 65" X 36" X 30"**

Measures 65" x 36" x 30"

**E31752-CHAIR      CHAIR WITH ADJUSTABLE ARMS AND BACK  
(Qty 2)****LM-HB94LU      MEDIA FOR DVD-RAM DRIVE (9.4 GB)  
(Qty 5)**

9.4 GB Removable Cartridge Media for DVD-RAM Drive.

- Type 4, Double-sided
- 3x Speed

**L88C5EGRY-05M      CABLE CATEGORY 5E/RJ45 5M****L88C5EGRY-35M      CABLE CATEGORY 5E/RJ45 35M****TNULL9F9M-75      SERVICE MODEM CABLE  
(Qty 2)****1559      FLOOR LEVELING EPOXY KIT**

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**COT-32D****DICOM MODALITY WORKLIST MANAGEMENT (MWM) SERVICE  
CLASS USER (SCU) SYSTEM**

Allows the CT system to receive patient demographic data from an HIS/RIS system in conformance with the DICOM 3.0 standard.

*Note: This option does not include a DICOM gateway for the HIS/RIS system.*

**#GATING-RESPLB****RESPIRATORY GATING PACKAGE**

Toshiba's Respiratory Gating option provides a comprehensive package of hardware and software for the Aquilion LB to perform 4-D respiratory gating using the Varian RPM system. This provides tumor tracking during respiration. The system detects the patient's respiratory cycle prior to scanning and allows the user to define respiratory phase or phases for gated scanning or image reconstruction.

Toshiba's Prospective Respiratory Gating software will allow you to acquire multiple series of Axial scans that correspond to multiple phases of inspiration provided by Varian RPM system or you may choose to acquire only one series of axial scans at a pre selected phase, example inspiration, in order to reduce table time and exposure.

Toshiba's Retrospective Respiratory Gating software will allow you to acquire a single low pitched helical scan. During this scan the raw data is tagged with time information that is received from the Varian RPM system. After the scan is completed the images are reconstructed in the selected phases by the CT system. Up to 10 phases can be selected for reconstruction.

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**Respiratory Gating 4D package includes:**

- Toshiba Respiratory Gating Software (CKRS-003A/1B) for acquisition and reconstruction of Prospectively Gated Images.
- Toshiba Respiratory Gating Software (CKRS-003B/1B) for acquisition and reconstruction of Retrospectively Gated Images.
- Varian RPM PC Workstation running the system software. The monitor displays motion data, live video images from the tracking camera, and, in the standard simulation room.
- Varian Reflective Marker Block which you position on the patient to track respiration motion.
- Varian Tracking Camera. The (CCD) tracking camera acquires video images of the marker block.
- In-room viewfinder (monitor) that shows the image from the tracking camera to confirm visualization of the marker block position by the camera.

**Important Note** – This package only provides respiratory gating acquisition capability. It is recommended that the end user have a CT Sim workstation or Treatment planning system that supports 4-D analysis and image manipulation.

**Note** – Med-Tec IPPST™ CT Insert Tabletop is required for mounting of the Respiratory Gating camera. This item comes standard with the Aquilion Large Bore.

&lt;RPM-VARIAN2

**VARIAN RPM RESPIRATORY GATING**

&lt;CKRS-003B/1B

**RESPIRATORY GATING SYSTEM**

&lt;CKRS-003A/1B

**RESPIRATORY GATING JAN06~**

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PCDU-TW/U

**POWER CONDITIONER/DISTRIBUTOR 125 KVA UNIVERSAL**

The PCDU-CT is engineered to address the vast majority of common power problems found in the hospital environment, thus providing clean power and good grounding for optimal reliability and performance of CT systems.

This device provides most of the electrical site preparation requirements of Toshiba CT systems, including:

### Power Conditioning

The PCDU contains a combination of a shielded, ultra-low impedance isolation transformer with matched L-R-C low-pass filters and surge suppressors. The quality of power to the Toshiba system is improved in many ways:

- The isolation transformer re-references the power line to the local ground point (with connection to local building steel), isolating the system from upstream, ground-quality problems.
- The transformer shield helps protect against ground impulses and noise (*common mode* disturbances).
- The sine wave tracking filter protects against both high-frequency noise and fast-voltage impulses (*normal mode* disturbances), clamping spikes and filling-in notches.
- The surge suppressors protect against slower voltage impulses that have frequency below the filter cutoff.

### Voltage Conversion

Wiring costs are significantly reduced since the PCDU accepts a single, 480V delta input with code minimum ground, supplying 120/208V wye to the generator and the various other parts of the system.

### Distribution

The PCDU comes prepackaged with the distribution breakers needed for each system feed. Having all system breakers in one location also makes it easier for service personnel to remove power.

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DATE: 3/15/2010

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**Control**

The PCDU includes a circuit breaker on the input (primary) and a 24 VAC control signal for remote, emergency off control of the circuit breaker.

**Impedance Control**

The ultra-low impedance design of the isolation transformer helps ensure the power feed meets the low impedance requirement of today's CT labs as spelled out in the Toshiba Optimal Power Specifications (TOPS) manuals.

**Planning**

Planning is simplified by having all these components and functions delivered in a single box.

**Installation**

Installation is much faster, more predictable, and less expensive with a factory-assembled and tested system.

**Approvals**

UL listing will reduce time and uncertainties obtaining local electrical inspection approvals.

**Reduced Site Preparation Costs**

The PCDU comes equipped with an input-shunt, trip-circuit breaker, eliminating, in most cases, the need for a room breaker. Only an Emergency Power Off button for remote breaker control is required.

*Note: Not for use with Aquilion ONE*

**TOTAL QUOTE PRICE**  
Applicable Sales Tax Additional

\$599,266.00

PURCHASER INITIALS	DATE
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TOSHIBA REP/ CONTACT INITIALS	DATE
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**TOSHIBA**

Leading Innovation >>>

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**TOSHIBA AMERICA MEDICAL SYSTEMS, INC.**

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**QUOTATION/ORDER  
ORDER DETAIL**

DATE: 3/15/2010

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QUOTE NO: 96123

PRESENTED TO:

HARTFORD HOSPITAL  
80 SEYMOUR ST  
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**ADDENDUM**

ALL INFORMATION CONTAINED IN THIS QUOTATION IS  
CONFIDENTIAL AND MAY NOT BE DISCLOSED TO ANY  
THIRD PARTY WITHOUT TOSHIBA'S PRIOR WRITTEN CONSENT.

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TOSHIBA REP/ CONTACT INITIALS	DATE
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**TOSHIBA**

Leading Innovation &gt;&gt;&gt;

**TOSHIBA AMERICA MEDICAL SYSTEMS, INC.****QUOTATION/ORDER  
ORDER DETAIL**

PRESENTED TO:

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80 SEYMOUR ST  
HARTFORD, CT. 06115

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**PRODUCT WARRANTY AND SERVICES COVERAGE****SYSTEM WARRANTY TERMS**

Toshiba America Medical Systems, Inc. (TAMS) warrants to Customer that the product(s) to be delivered hereunder will be free from defects in material, manufacturing workmanship, and title. Any product or part furnished to Customer during the warranty period (stated in the table below) to correct a warranty failure shall be warranted to the extent of the unexpired term of the warranty applicable to the repaired or replaced product or part.

The warranty period shall commence on the date the Product is delivered to Customer. However, if TAMS installs the product, the warranty period for such product shall commence on the date the installation of the product is complete. Notwithstanding the foregoing, in the event that the installation of the product is delayed for a total of thirty (30) days or more from the date of delivery for any reason or reasons for which TAMS is not responsible, the warranty period for such product may, at TAMS' option, commence on the thirtieth (30th) day from the date such product is delivered to Customer.

**WARRANTY EXCLUSIONS**

Warranty coverage does not include any defect which results, in whole or in part, from (1) negligent storage or handling of the product by Customer, its employees, agents, or contractors, (2) failure of Customer to prepare the site or provide power requirements or operating environmental conditions in compliance with any applicable instructions or recommendations of TAMS, (3) absence of any product, component, or accessory recommended by TAMS but omitted at Customer's direction, (4) any design, specification or instruction furnished by Customer, its employees, agents, or contractors, (5) any alteration of the product by persons other than TAMS, (6) combining TAMS' product with any product furnished by others, (7) combining incompatible products of TAMS, (8) improper use of the product, improper maintenance of the product by a party other than TAMS, or failure to comply with any applicable instructions or recommendations of TAMS, or (9) acts of God, acts of civil or military authority, fires, floods, strikes or other labor disturbances, war, riot, or other causes beyond the reasonable control of TAMS.

TAMS does not warrant any products not manufactured by Toshiba such as, without limitation, monitors, cameras, computer equipment, etc. Such items will be furnished subject only to the manufacturer's warranty, if any, and without any warranty whatsoever by Toshiba.

Warranty coverage also excludes consumables, including but not limited to cryogens, cassettes, magazines, imaging screens, disks, cartridges, etc.

**GLASSWARE WARRANTY**

Glassware, including X-ray tubes and Image Intensifiers, are provided separate warranties. Glassware included with the purchase of a new system is governed by the glassware warranty, described below, not the system warranty.

CT X-ray tubes carry a prorated warranty based on the number of rotations shown below or 12 months, whichever comes first.

Tube Type	Prorated Warranty
CXB-350	150,000 rotations*
CXB-400 (Helicool)	150,000 rotations*
CXB-650	150,000 rotations*
CXB-750/D/4A (Megacool™)	200,000 rotations*
CXB-750/E/2A (Megacool™ V) Aquilion Premium	100,000 rotations*
CXB-750/E/2A (Megacool™ V) Aquilion ONE	100,000 rotations*

\*A rotation is any 360-degree or single rotation of the gantry with X-rays on.

The following time-based warranty terms apply to all other glassware:

Tube Type	Time-Based Warranty
Liquid Bearing Tubes (DSRX-XXXX)	12 months, non-prorated
All Other X-ray tubes	12 months, non-prorated
Image Intensifiers	18 months, non-prorated

**GLASSWARE PRORATION CALCULATION:**

Credits for glassware that fails during the warranty periods stated above will be calculated as follows:

*Tubes with Prorated Rotation Warranty:*

$$\text{Credit} = 1 - \frac{\text{Number of Rotations Used}}{\text{Number of Rotations Warranted}}$$

Credit will be applied to the purchase of the replacement X-ray tube or Image Intensifier. Complete glassware coverage during warranty period may be purchased from the local services organization at an additional charge.

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***Tubes with Non-Prorated, Time-Based Warranty:***

Tubes with a non-prorated warranty will be replaced during the initial warranty period at no charge to the customer. The replacement tube carries the remainder of the original warranty. For example, a tube with a 24-month non-prorated warranty fails at month thirteen (13), the tube is replaced at no charge and carries eleven (11) months of warranty.

**REMEDIES**

If TAMS determines that any product fails to meet any warranty during the applicable warranty period, TAMS shall correct any such failure by either, at its option, repairing, adjusting, or replacing without charge to Customer any defective or nonconforming parts of the product. TAMS shall have the option to furnish either new or remanufactured replacement parts or assemblies. During the warranty period, Toshiba will furnish free of charge any upgrades, including software required to correct any defect in the warranted products or as required under applicable laws.

**WARRANTY SERVICE**

Warranty service during the applicable warranty period will be performed without charge to Customer during TAMS' normal business hours, Monday through Friday, excluding holidays. Subject to the availability of personnel, after-hours service is available upon request at an additional charge.

The remedies set forth herein are conditional upon Customer promptly notifying TAMS within the applicable warranty period of any defect or nonconformance and making the product available for correction.

**DISCLAIMERS AND LIMITATIONS ON LIABILITY**

TAMS' obligation to repair or replace defective parts will be Customer's sole and exclusive remedy for a breach of the warranty set forth above. SUCH WARRANTY WILL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

In no event shall TAMS be liable for special, incidental or consequential damages. Toshiba does not warrant that the operation of the warranted products will be uninterrupted.

**WARRANTIES BY PRODUCT LINE**

	COMPUTERIZED TOMOGRAPHY	MAGNETIC RESONANCE	PACS SYSTEMS	ULTRASOUND	X-RAY VASCULAR	X-RAY R/F & RAD
SYSTEMS AND MAJOR COMPONENTS	12 Months	12 Months	12 Months	12 Months	12 Months	12 Months
ACCESSORY OPTIONS	6 Months	6 Months	6 Months	6 Months	6 Months	6 Months
REPLACEMENT & OPTIONAL PARTS	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days
UPGRADE COMPONENTS	90 Days	90 Days	N/A	12 Months	6 Months	6 Months
MISC. WARRANTY ITEMS	Detectors: Solid State 12 Months	N/A	N/A	Transducers: 12 Months	N/A	N/A

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# QUOTATION/ORDER ORDER DETAIL

PRESENTED TO:

HARTFORD HOSPITAL  
80 SEYMOUR ST  
HARTFORD, CT. 06115

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## TERMS AND CONDITIONS OF SALE

- GENERAL TERMS.** Unless otherwise specified on the face of this document, this Quotation/Order ("Agreement") will remain valid only if accepted by Customer no later than 60 days from date of submission to Customer.
- TITLE AND RISK OF LOSS.** Title and risk of loss to the Equipment purchased under this Agreement will pass to Customer: (a) if Toshiba is to provide installation, upon Toshiba's completion of installation, or (b) if Toshiba will not provide installation, upon delivery by Toshiba to a common carrier at Toshiba's facility from which the Equipment is shipped.
- TERMS OF PAYMENT.** Unless otherwise specified on the face of this document, prices stated are F.O.B. Customer's facility. All taxes which are payable by Toshiba in connection with the sale, use, or possession of the Equipment (excluding income taxes), will be paid by Customer in addition to the quoted price. Terms of payment for, C.T., M.R.I., X-Ray, and the McKesson System will be cash-10% upon execution of this Agreement, 70% upon delivery, balance due upon completion of installation and/or availability for first use, whichever is earlier. Terms of payment for Ultrasound and Nuclear will be cash-10% upon execution of this Agreement, 90% NET upon completion of installation and/or availability for first use, whichever is earlier. All invoices paid after due date will be assessed a late payment charge of the lesser of 1 1/2% per month or the maximum rate permitted by law.
- DELAYS.** If Customer changes the scheduled delivery date specified on the face of this document ("Scheduled Delivery Date") during the period of 120 days preceding such date, Customer will nevertheless pay the installment of the purchase price which would have been payable upon delivery, on the Scheduled Delivery Date as if delivery had been made on such date. In addition, Customer will pay all extra costs incurred by Toshiba as a result of such delay, including, without limitation, storage and transportation. Storage fees will be charged at commercially comparable rates for storage on Toshiba's site. If delivery is delayed by 12 months or more from the Scheduled Delivery Date, except through the fault of Toshiba, the price set forth in this Agreement may be increased by Toshiba to a level equal to the prevailing price in effect at the time of the revised delivery date.
- ACCEPTANCE BY TOSHIBA.** This Quotation/Order will not be binding on Toshiba even if signed by a Toshiba employee, until Customer's order for the Equipment is booked by Toshiba's Headquarter office.
- EQUIPMENT INSTALLATION.** Toshiba will install all Equipment purchased under this Agreement and connect them to existing power and/or plumbing lines at no additional charge to Customer. Customer will be responsible for electrical wiring, plumbing, carpentry, plastering, painting, or all other site preparation required prior to installation and connection of the Equipment by Toshiba. Customer will provide space at the installation site for the safe storage of Toshiba's tools, test equipment and other materials used for installation at no charge to Toshiba. Customer shall, at its cost, obtain all permits and licenses required by governmental authorities in connection with the installation and operation of the Equipment. The Equipment may contain certain components, which may have been re-manufactured. However, such components will meet the manufacturer's specifications for new components as of the date of completion of installation. Customer acknowledges that the System and Software are designed to operate within certain power, temperature, airborne contamination, and humidity ranges. Customer will be responsible for, without limitation: (i) preparing and maintaining the Customer facility in conformance with the Site Preparation Guide; (ii) maintaining its network infrastructure; (iii) providing Toshiba, McKesson or its subcontractors access to a network connection in or near the area of the System being serviced by the equipment service staff; and (iv) supplying computer grade AC power. The Equipment relies upon a stable grounded connection to the main power grid in order to function effectively. Customer acknowledges that AC power supply quality may be a problem in old facilities or in those facilities receiving poor quality utility service and that power conditioning may be necessary in such cases.
- EQUIPMENT OPERATION AND INDEMNITY.** Customer agrees that all Equipment purchased under this Agreement will be operated exclusively by duly qualified technicians and/or medical doctors in a safe and reasonable manner in accordance with Toshiba's written instructions, applicable laws and regulations, and for the purposes for which such Equipment was intended.
- LIMITED WARRANTY AND REMEDY.** A. For the Toshiba Equipment: For the warranty period described below by product, Toshiba, as its only obligation, will replace or repair, without charge to Customer during Toshiba's normal working hours (if Customer requests warranty service outside such hours, Customer will pay overtime premium for labor), any component of the Equipment that is defective in materials or workmanship, provided such defect is reported to Toshiba within the warranty period. Toshiba's warranty

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period is as follows: (a) Systems and Major Components – one year from date of completion of installation; (b) Accessories/Options (except glassware) – six months from date of completion of installation. Components not manufactured by Toshiba will be furnished subject only to the manufacturer's warranty, if any, and without any warranty whatsoever by Toshiba. During the warranty period, Toshiba will furnish free of charge any upgrades, including software required to correct any defect in the Equipment or as required under applicable laws.

**B. For the McKesson System:** The McKesson System ("System") will be covered by a 12-month warranty beginning the date of completion of installation of the System (the "Warranty Period"). The warranty covers repair of any defects in materials or workmanship related to the computer equipment ("Equipment") that is included in the System purchased by Customer under this Agreement. The warranty also covers correction of any McKesson software ("Software") that does not conform with its functional specifications. In order to receive services during the Warranty Period, Customer must provide McKesson and Toshiba with remote access through a VPN. During the Warranty Period, Customer is entitled to (a) all Generally Available Software Updates except for Updates that are separately priced and marketed by Toshiba or McKesson, and (b) all Generally Available Software Upgrades, except for Upgrades that are separately priced and marketed by Toshiba or McKesson. *"Software Updates"* means Software modifications, enhancements, corrections, improvements, and patches to the existing functionality of Customer's licensed version of the McKesson Software (e.g., version 4.1 to 4.3 to 4.5). *"Software Upgrades"* means new versions and future releases of the McKesson Software (e.g. version 4.x, 5.x, 6.x). Software Updates or Upgrades that provide new features not originally purchased may be separately priced and marketed. Software Updates and Software Upgrades to the McKesson Software will be delivered remotely, on-line. The warranty does not include any non-McKesson Software, the labor and travel expenses associated with on-site installation of a Software, or any hardware addition or modification.

The warranty set forth in this Section will not apply:

- a. if Customer operates the Software on equipment other than Equipment purchased from Toshiba or attaches other equipment to the System not approved by Toshiba;
- b. if a person or entity other than McKesson or its authorized third party suppliers modifies the Software;
- c. as a result of Customer's improper use, abuse, neglect of the Equipment, including failure to maintain environmental conditions within the operating range specified by the Equipment

manufacturer or accident;  
d. as a result of viruses or other corruption caused by external entities; or  
e. for damages resulting from a Force Majeure condition described in Section 13 below.

**C. The Following Applies to Both the Toshiba Equipment and the McKesson System:** Toshiba does not warrant that the operation of the Equipment of the System will be uninterrupted. All defective parts replaced by Toshiba will become the property of Toshiba. Replacement parts may be re-manufactured. However, such parts will meet the manufacturer's specifications for new components as of the date of completion of installation. TOSHIBA'S OBLIGATION TO REPAIR OR REPLACE DEFECTIVE PARTS OR SOFTWARE WILL BE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY FOR A BREACH OF THE WARRANTY SET FORTH IN THIS AGREEMENT. SUCH WARRANTY WILL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. The warranty set forth in this Agreement will not apply to, and Toshiba will not be liable for any defects resulting from misuse, repairs performed by unauthorized third parties, accidents, acts of God, or neglect of anyone other than Toshiba.

**9. LIMITATION OF LIABILITY.** NEITHER TOSHIBA NOR CUSTOMER WILL UNDER ANY CIRCUMSTANCES BE LIABLE FOR CONSEQUENTIAL, SPECIAL, INCIDENTAL, OR EXEMPLARY DAMAGES OR ECONOMIC LOSS ARISING OUT OF OR RELATED TO THE TRANSACTIONS CONTEMPLATED IN THIS AGREEMENT, EVEN IF EITHER PARTY IS APPRISED OF THE LIKELIHOOD OF SUCH DAMAGES OCCURRING. IN NO EVENT WILL EITHER PARTY'S LIABILITY TO THE OTHER (WHETHER BASED ON AN ACTION OR CLAIM IN CONTRACT, TORT, INCLUDING NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE) ARISING OUT OF OR RELATING TO THE TRANSACTIONS CONTEMPLATED IN THIS AGREEMENT EXCEED THE AGGREGATE AMOUNT ACTUALLY PAID BY CUSTOMER TO TOSHIBA UNDER THIS AGREEMENT. THE LIMITATION OF LIABILITY SET FORTH ABOVE WILL NOT APPLY TO CLAIMS FOR PERSONAL INJURY OR PROPERTY DAMAGE CAUSED BY EQUIPMENT DEFECTS, OR TO CLAIMS FOR PATENT INFRINGEMENT.

**10. SECURITY INTEREST.** Toshiba hereby reserves and Customer grants to Toshiba a security interest pursuant to the Uniform Commercial Code, in and to the Equipment (and all products and proceeds of it) until full payment of the purchase price is received.

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**QUOTATION/ORDER  
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11. **REMOVAL OF EQUIPMENT.** Until Toshiba has received full payment of the purchase price, Customer will not remove all or any part of the Equipment from Customer's premises, nor will Customer sell, lease, transfer or otherwise part with the possession of, or permit any lien or encumbrance to be placed on all or any part of the Equipment.

12. **REMEDIES OF TOSHIBA.** If Customer fails to make any payment when due under this Agreement or under any other agreement between Customer and Toshiba, or becomes insolvent or makes an assignment for the benefit of creditors, or if a petition in Bankruptcy is filed by or against Customer, or if the financial responsibility of Customer becomes impaired or unsatisfactory in Toshiba's reasonable judgment, or if Customer otherwise breaches any of the terms and conditions of this Agreement, then Toshiba may, without prior notice or demand, defer shipments, cancel the balance of the order, suspend performance of any obligation (including without limitation, all obligations set forth under Limited Warranty And Remedy above), and/or take immediate possession of the Equipment delivered, until the full purchase price of the Equipment is paid by Customer or, at Toshiba's discretion, until security satisfactory to Toshiba is given by Customer. Any costs incurred by Toshiba as a result of suspending performance or repossession or collection will be payable by Customer. Toshiba may sell repossessed Equipment with proceeds to be applied to unpaid balance and expenses incurred in sale, repossession and collection. Customer will pay any remaining deficiency. Toshiba may exercise any other rights available to it by law.

13. **EXCUSED PERFORMANCES.** Neither party will be liable to the other for non-performance or delay in performance resulting directly or indirectly from any occurrences beyond such party's control, including without limitation, strikes or other labor troubles, acts of God, war, accidents, fires, floods, other catastrophes, inclement weather, transportation, unavailability of materials and labor, delays caused by suppliers, or laws, regulations, or acts of any governmental agency.

14. **SOFTWARE.** All rights and interest in any software that may be furnished under this Agreement, and any updates and enhancements to it, will remain the property of Toshiba. Such software is being furnished to Customer under a non-exclusive license. Customer will not, or allow others to decompile, modify, copy, reproduce, or transcribe the software nor allow third parties to use the same without Toshiba's prior written consent. Upon Toshiba's request, Customer will execute an End-User Software License Contract, in a form to be mutually agreed between the parties.

15. **CANCELLATION.** Customer may not cancel the order subject to this Agreement except with Toshiba's prior written consent. In the event of such cancellation, Toshiba will be entitled to recover any and all damages suffered by it caused by the cancellation as allowed by law, but in no event less than an amount equal to twenty percent (20%) of the purchase price for a restocking charge.

16. **ASSIGNMENT.** Neither party may assign any of its obligations under this Agreement without the prior written consent of the other party. However, some of the obligations stated in this Agreement, such as the ones relating to installation of the McKesson System and warranty may be performed by Toshiba's contractors or suppliers.

17. **EXPORT REGULATIONS.** This Agreement involves products, and/or technical data that may be controlled under the U.S. Export Administration Regulations and may be subject to the approval of the U.S. Department of Commerce prior to export. Any export or re-export by Customer, directly or indirectly, in contravention of such Regulations is prohibited.

18. **ENTIRE AGREEMENT.** This quotation as well as the attached McKesson Pass Through Terms and Conditions contains the entire agreement between the parties and supersedes all prior and contemporaneous agreements between the parties, whether oral or written, relating to its subject matter, including, without limitation, all different or additional terms and conditions which may be contained in Customer's bid documents, purchase order or any other documents furnished by Customer. The provisions of this Agreement may not be modified unless in writing and executed by both parties.

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# Quotation

TYM20091020-001

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Hartford Hospital, Hartford, CT

Item	Qty	Product Description	Offer Price
<b>Section 1 Acuity and Gating Move for H770168 / H780168</b>			
1.01	1	Removal	Included
1.02	1	Equipment inspection and preparation for move.	3,000.00
1.03	1	Rig-out and Varian supervision	5,500.00
1.04	1	Installation	Included
1.05	1	New site coordination	2,500.00
1.06	1	Rig-in and Varian supervision	5,500.00
1.07	1	Installation of Lasers and Gating	5,000.00
1.08	1	Acuity Installation (7-10) days	27,000.00
1.09	1	Completion of move will be upon acceptance. Acceptance will be SVS and CAP.	Included
Section Total \$			48,500.00

## Section 2 Customer Responsibility Section

2.01	1	<b>Customer will reuse base frame and cables.</b> Customer will extract baseframe and cables from current vault and reuse it in the new vault. All costs associated with this activity are the sole responsibility of the Hartford Hospital, Hartford, Ct. The condition of the base frame and cables post extraction must be in excellent condition for reuse in new vault. Any issue which causes delay or necessity for replacement of the cables for proper operation of the Acuity for control signals and power will be done on a T&M basis. Customer will grout the base frame using in-house facilities.	Included
Section Total \$			0.00

Quotation Total \$ 48,500.00



# Quotation

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Hartford Hospital, Hartford, CT

Item	Qty	Product Description	Offer Price
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## Terms & Conditions of Sale

This offer is subject to credit approval and is exclusive of any applicable sales taxes or duties.

### Early Termination Hardware Support Agreements:

Customer may, without charge, terminate this Hardware Support Agreement after thirty (30) days written notice and opportunity to cure in the event of material default by Varian. Customer may further, without charge, terminate this Hardware Support Agreement with respect to the Covered Product in the event the Covered Product is replaced by another product supplied by Varian. If this Hardware Support Agreement covers multiple Covered Products, and is terminated as to some, but not to all the covered products, Varian will adjust the Maintenance Fee in an appropriate manner to reflect removal of the replaced Covered Product, such adjustment to be determined by Varian in its sole and absolute discretion. Customer may terminate for any other reason upon ninety (90) days written notice to Varian and payment for the amount applicable to service performed, including parts supplied and labor, of period expired plus 25% of the remaining annual contract fee for the year in which terminated. Varian may terminate this Support Agreement without notice and without refund or other liability in the event of default by Customer. This Support Agreement will terminate automatically if Customer becomes insolvent.

Customers, who prematurely terminate this Hardware Support Agreement and have received under it, deferred payment terms for new hardware, additional software licenses or an Upgrade Release, will be liable for the cost of the hardware, licenses or Upgrade as defined in the non-contract quotation provided by the Varian Upgrades Department. The Cost includes all hardware, software, installation labor, and applications training provided to perform the Upgrade. Payment is due within thirty (30) days of termination.

### Early Termination Software Support Agreements:

Customer may, without charge, terminate this Software Support Agreement after thirty (30) days written notice and opportunity to cure in the event of material default by Varian. Customer may further, without charge, terminate this Software Support Agreement with respect to the Covered Product in the event the Covered Product is replaced by another product supplied by Varian. If this Software Support Agreement covers multiple Covered Products, and is terminated as to some, but not to all the covered products, Varian will adjust the Maintenance Fee in an appropriate manner to reflect removal of the replaced Covered Product, such adjustment to be determined by Varian in its sole and absolute discretion. Customer may terminate for any other reason upon ninety (90) days written notice to Varian and payment for the amount applicable to service performed of period expired plus 25% of the remaining annual contract fee for the year in which terminated. Varian may terminate this Support Agreement without notice and without refund or other liability in the event of default by Customer. This Support Agreement will terminate automatically if Customer becomes insolvent.

Customers, who prematurely terminate this Software Support Agreement and have received under it, deferred payment terms for new hardware, additional software licenses or an Upgrade Release, will be liable for the cost of the license or Upgrade as defined in the non-contract quotation provided by the Varian Upgrades Department. The Cost includes all hardware, software, installation labor, and applications training provided to perform the Upgrade. Payment is due within thirty (30) days of termination.

**FINANCING AVAILABLE:** For lease and finance plans, call Tony Suse, Director - Varian Customer Finance, at (508) 668-4609.



# Quotation

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## Quotation For:

Bob Lindeyer  
 Hartford Hospital  
 80 Seymour Street  
 Hartford, CT 06101  
 (860) 545 - 4346 FAX: (860) 545 - 1500

## Please address inquiries and replies to:

Timothy Macfarlane  
 Varian Medical Systems  
 11 Commerce Drive  
 Second Floor  
 Cranford, NJ 07016  
 (732) 499 - 2260 FAX: (732) 381 - 1060  
 timothy.macfarlane@oscs.varian.com

Your Reference:	Quotation Firm Until: December 9, 2009
FOB Point:	Shipping Allocation:
Payment Terms:	Varian Terms and Conditions of Sale 1652T Attached

**Acuity and Gating Move for H770168 / H780168**  
**Customer Responsibility Section**

<p><b>Hartford Hospital</b></p> <p>Quotation Total of: USD \$48,500 Accepted by:</p> <p>Signature: _____</p> <p>Name: _____</p> <p>Title: _____</p> <p>Date: _____</p> <p>For this purchase, we designate <u>NOVATION</u> as our Institution's Primary Group Purchasing Organization affiliation.</p> <p>Any change will be indicated below:</p> <p> <input type="checkbox"/> AmeriNet <input type="checkbox"/> Aptium <input type="checkbox"/> BJC <input type="checkbox"/> Broadlane  <input type="checkbox"/> CHW <input type="checkbox"/> Consorta/HPG <input type="checkbox"/> KP Select <input type="checkbox"/> Magnet  <input type="checkbox"/> Matrix <input type="checkbox"/> MedAssets <input type="checkbox"/> Novation <input type="checkbox"/> Premier  <input type="checkbox"/> ROI <input type="checkbox"/> USO <input type="checkbox"/> VA Gov <input type="checkbox"/> None       </p>	<p><b>Varian Medical Systems</b></p> <p>Submitted by:</p> <p>_____ (Signature)</p> <p>Name: Timothy Macfarlane</p> <p>Title: District Manager</p> <p>Date: October 20, 2009</p>
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# Quotation

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Hartford Hospital, Hartford, CT

Item	Qty	Product Description	Offer Price
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## Terms & Conditions of Sale

This offer is subject to credit approval and is exclusive of any applicable sales taxes or duties.

### Early Termination Hardware Support Agreements:

Customer may, without charge, terminate this Hardware Support Agreement after thirty (30) days written notice and opportunity to cure in the event of material default by Varian. Customer may further, without charge, terminate this Hardware Support Agreement with respect to the Covered Product in the event the Covered Product is replaced by another product supplied by Varian. If this Hardware Support Agreement covers multiple Covered Products, and is terminated as to some, but not to all the covered products, Varian will adjust the Maintenance Fee in an appropriate manner to reflect removal of the replaced Covered Product, such adjustment to be determined by Varian in its sole and absolute discretion. Customer may terminate for any other reason upon ninety (90) days written notice to Varian and payment for the amount applicable to service performed, including parts supplied and labor, of period expired plus 25% of the remaining annual contract fee for the year in which terminated. Varian may terminate this Support Agreement without notice and without refund or other liability in the event of default by Customer. This Support Agreement will terminate automatically if Customer becomes insolvent.

Customers, who prematurely terminate this Hardware Support Agreement and have received under it, deferred payment terms for new hardware, additional software licenses or an Upgrade Release, will be liable for the cost of the hardware, licenses or Upgrade as defined in the non-contract quotation provided by the Varian Upgrades Department. The Cost includes all hardware, software, installation labor, and applications training provided to perform the Upgrade. Payment is due within thirty (30) days of termination.

### Early Termination Software Support Agreements:

Customer may, without charge, terminate this Software Support Agreement after thirty (30) days written notice and opportunity to cure in the event of material default by Varian. Customer may further, without charge, terminate this Software Support Agreement with respect to the Covered Product in the event the Covered Product is replaced by another product supplied by Varian. If this Software Support Agreement covers multiple Covered Products, and is terminated as to some, but not to all the covered products, Varian will adjust the Maintenance Fee in an appropriate manner to reflect removal of the replaced Covered Product, such adjustment to be determined by Varian in its sole and absolute discretion. Customer may terminate for any other reason upon ninety (90) days written notice to Varian and payment for the amount applicable to service performed of period expired plus 25% of the remaining annual contract fee for the year in which terminated. Varian may terminate this Support Agreement without notice and without refund or other liability in the event of default by Customer. This Support Agreement will terminate automatically if Customer becomes insolvent.

Customers, who prematurely terminate this Software Support Agreement and have received under it, deferred payment terms for new hardware, additional software licenses or an Upgrade Release, will be liable for the cost of the license or Upgrade as defined in the non-contract quotation provided by the Varian Upgrades Department. The Cost includes all hardware, software, installation labor, and applications training provided to perform the Upgrade. Payment is due within thirty (30) days of termination.

**FINANCING AVAILABLE:** For lease and finance plans, call Tony Suse, Director - Varian Customer Finance, at (508) 668-4609.

0000344



October 23, 2009

Mr. Robert Lindeyer  
Hartford Hospital Cancer Center  
80 Seymour Street  
Hartford, CT 06115

PROPOSAL to provide support services for the installation of a new Toshiba Aquilion-LB CT Scanner and relocate existing Varian Acuity Simulator.

DONATI PROPOSAL No. 361-09

Dear Bob:

DONATI CONTRACTING is pleased to submit this BUDGET proposal for the installation of your new Toshiba Aquilion-LB CT scanner and the relocation of your existing Varian Acuity Simulator. As we understand it, our effort is to include the following:

**ROOM # 111**

Remove existing base frame from room #111 concrete floor and save for relocation in room # 107  
Cut concrete floor to accommodate new Toshiba Aquilion LB CT scanner base frame and power trench.  
Install base frame and grout in place  
Patch and repair flooring finishes  
Modify existing bi-fold door with new hardware  
Modify existing power configuration for new equipment installation

**ROOM # 107**

Remove existing base frame and millwork closets  
Cut concrete floor to accommodate Varian Acuity Simulator base frame and modify power trench.  
Install base frame and grout in place.  
Patch and repair flooring finishes  
Run new conduits from control room to rear of equipment  
Modify existing power configuration for equipment installation from existing power in hot lab room.

Our price for the work described above is \$97,500.00 Tax Exempt.  
(Ninety-Seven Thousand Five Hundred Dollars)

000045

- 2 -

October 23, 2009

Included in that fee is a one-year warranty on all labor provided by DONATI CONTRACTING, LLC. Parts and materials are covered by standard warranties provided by their manufacturers. Warranty periods begin when installation is completed. The owner has a one-week period following the completion of the installation to accept or reject work performed by DONATI CONTRACTING, LLC, after which time it will be assumed that the work has been accepted.

DONATI CONTRACTING, LLC assumes normal workday access to the job site and payment in full within 30 days after receipt of each invoice. DONATI CONTRACTING, LLC will not be held responsible for normal wear and tear. The removal and disposal of asbestos and toxic materials are the owner's responsibility. This proposal is valid for a period of 30 days from the date shown at the top of this proposal, after which time we will be happy to provide an adjusted quote if necessary.

We look forward to performing this work for you. Please contact us at 860-621-3325 if you have any questions.

Thank you for your consideration,

DONATI CONTRACTING, LLC

Louis C. Donati Jr.  
President

ACKNOWLEDGED AND ACCEPTED

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

P.O. NO.: \_\_\_\_\_



# Quotation

TYM20091020-001

Page: 1

## Quotation For:

Bob Lindeyer  
 Hartford Hospital  
 80 Seymour Street  
 Hartford, CT 06101  
 (860) 545 - 4346 FAX: (860) 545 - 1500

Please address inquiries and replies to:

Timothy Macfarlane  
 Varian Medical Systems  
 11 Commerce Drive  
 Second Floor  
 Cranford, NJ 07016  
 (732) 499 - 2260 FAX: (732) 381 - 1060  
 timothy.macfarlane@oscs.varian.com

Your Reference:	Quotation Firm Until: December 9, 2009
FOB Point:	Shipping Allocation:
Payment Terms:	Varian Terms and Conditions of Sale 1652T Attached

**Acuity and Gating Move for H770168 / H780168**  
**Customer Responsibility Section**

<p>Hartford Hospital</p> <p>Quotation Total of: USD \$48,500 Accepted by:</p> <p>Signature: _____</p> <p>Name: _____</p> <p>Title: _____</p> <p>Date: _____</p> <p>For this purchase, we designate <u>NOVATION</u> as our Institution's Primary Group Purchasing Organization affiliation.</p> <p>Any change will be indicated below:</p> <table> <tr> <td><input type="checkbox"/> AmeriNet</td> <td><input type="checkbox"/> Aptium</td> <td><input type="checkbox"/> BJC</td> <td><input type="checkbox"/> Broadlane</td> </tr> <tr> <td><input type="checkbox"/> CHW</td> <td><input type="checkbox"/> Consorta/HPG</td> <td><input type="checkbox"/> KP Select</td> <td><input type="checkbox"/> Magnet</td> </tr> <tr> <td><input type="checkbox"/> Matrix</td> <td><input type="checkbox"/> MedAssets</td> <td><input type="checkbox"/> Novation</td> <td><input type="checkbox"/> Premier</td> </tr> <tr> <td><input type="checkbox"/> ROI</td> <td><input type="checkbox"/> USO</td> <td><input type="checkbox"/> VA Gov</td> <td><input type="checkbox"/> None</td> </tr> </table>	<input type="checkbox"/> AmeriNet	<input type="checkbox"/> Aptium	<input type="checkbox"/> BJC	<input type="checkbox"/> Broadlane	<input type="checkbox"/> CHW	<input type="checkbox"/> Consorta/HPG	<input type="checkbox"/> KP Select	<input type="checkbox"/> Magnet	<input type="checkbox"/> Matrix	<input type="checkbox"/> MedAssets	<input type="checkbox"/> Novation	<input type="checkbox"/> Premier	<input type="checkbox"/> ROI	<input type="checkbox"/> USO	<input type="checkbox"/> VA Gov	<input type="checkbox"/> None	<p>Varian Medical Systems</p> <p>Submitted by:</p> <p>_____    (Signature)</p> <p>Name: Timothy Macfarlane</p> <p>Title: District Manager</p> <p>Date: October 20, 2009</p>
<input type="checkbox"/> AmeriNet	<input type="checkbox"/> Aptium	<input type="checkbox"/> BJC	<input type="checkbox"/> Broadlane														
<input type="checkbox"/> CHW	<input type="checkbox"/> Consorta/HPG	<input type="checkbox"/> KP Select	<input type="checkbox"/> Magnet														
<input type="checkbox"/> Matrix	<input type="checkbox"/> MedAssets	<input type="checkbox"/> Novation	<input type="checkbox"/> Premier														
<input type="checkbox"/> ROI	<input type="checkbox"/> USO	<input type="checkbox"/> VA Gov	<input type="checkbox"/> None														



STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
*Office of Health Care Access*

April 15, 2010

Facsimile Only

Karen T. Goyette  
Vice President  
Strategic Planning and Business Development  
80 Seymour Street  
P.O. Box 5037  
Hartford, CT 06102-5037

Re: Letter of Intent; Docket Number: 10-31577  
Hartford Hospital  
Acquisition of a Computed Tomography Simulator in Hartford

Dear Ms. Goyette,

On March 25, 2010, the Office of Health Care Access (“OHCA”) received the Letter of Intent (“LOI”) Form of Hartford Hospital (“Applicant”) for the acquisition of a computed Tomography Simulator, with a total associated capital expenditure of \$999,414.

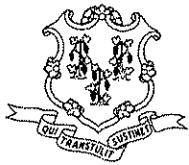
A notice to the public regarding OHCA’s receipt of a LOI was published in *The Hartford Courant* pursuant to Section 19a-639 of the Connecticut General Statutes. Enclosed for your information is a copy of the notice to the public.

Sincerely,

A handwritten signature in black ink that reads "Kaila Riggott".

Kaila Riggott  
Planning Specialist

KR:lmg



STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
*Office of Health Care Access*

April 15, 2010

Requisition #31068

Hartford Courant  
285 Broad Street  
Hartford, CT 06115

Gentlemen/Ladies:

Please make an insertion of the attached copy, in a single column space, set solid under legal notices, in the issue of your newspaper by no later than **Monday, April 19, 2010**.

Please provide the following **within 30 days** of publication:

- Proof of publication (copy of legal ad. acceptable) showing published date along with the invoice.

If there are any questions regarding this legal notice, please contact Steven Lazarus at 418-7001.

KINDLY RENDER BILL IN DUPLICATE ATTACHED TO THE TEAR SHEET.

Sincerely,

A handwritten signature in black ink that reads "Kaila Riggott".

Kaila Riggott  
Planning Specialist

Attachment

KR:SWL:lmg

c: Danielle Pare, DPH

**PLEASE INSERT THE FOLLOWING:**

Statute Reference:	19a-639
Applicant:	Hartford Hospital
Town:	Hartford
Docket Number:	10-31577-LOI
Proposal:	Acquisition of a Computed Tomography Simulator
Capital Expenditure:	\$999,414

The Applicant may file its Certificate of Need application between May 24, 2010 and July 23, 2010. Interested persons are invited to submit written comments to Cristine A. Vogel, Deputy Commissioner Office of Health Care Access, Division of Department of Public Health, 410 Capitol Avenue, MS13HCA, P.O. Box 340308 Hartford, CT 06134-0308.

The Letter of Intent is available at OHCA or on OHCA's website at [www.ct.gov/OHCA](http://www.ct.gov/OHCA). A copy of the Letter of Intent or a copy of Certificate of Need Application, when filed, may be obtained from OHCA at the standard charge. The Certificate of Need application will be made available for inspection at OHCA, when it is submitted by the Applicant.

\*\*\*\*\*  
\*\*\* TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

TX/RX NO 1463  
RECIPIENT ADDRESS 98805452127  
DESTINATION ID  
ST. TIME 04/15 16:13  
TIME USE 00'27  
PAGES SENT 4  
RESULT OK



STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
*OFFICE OF HEALTH CARE ACCESS*

FAX SHEET

TO: KAREN T. GOYETTE  
FAX: (860) 545-2127  
AGENCY: HARTFORD HOSPITAL  
FROM: STEVEN LAZARUS  
DATE: 4/15/10 TIME: \_\_\_\_\_  
NUMBER OF PAGES: 4  
(including transmittal sheet)

Comments: Docket 10-31577

*PLEASE PHONE IF THERE ARE ANY TRANSMISSION PROBLEMS.*

**Greer, Leslie**

---

**From:** ads [ads@graystoneadv.com]  
**Sent:** Thursday, April 15, 2010 2:18 PM  
**To:** Greer, Leslie  
**Subject:** Re: Legal Ad 10-31577

Good day!

Thanks so much for your ad submission.  
We will be in touch shortly and look forward to serving you.

If you have any questions or concerns, please don't hesitate to contact us at the number below.

We sincerely appreciate your business.

Thank you,  
Graystone Group Advertising

2710 North Avenue  
Bridgeport, CT 06604  
Phone: 800-544-0005  
Fax: 203-549-0061  
E-mail: ads@graystoneadv.com  
<http://www.graystoneadv.com/>

On 4/15/10 2:11 PM, "Greer, Leslie" <Leslie.Greer@ct.gov> wrote:

To Whom It May Concern,  
Please run the attached public notice in The Hartford Courant by April 19, 2010. For billing  
please refer to requisition 31068, if you have any questions feel free to call me.

Thank you,

Leslie M. Greer  
Office of Health Care Access  
A Division of Department of Public Health  
State of Connecticut  
410 Capitol Avenue, MS#13HCA  
Hartford, CT 06134  
Phone: (860) 418-7001  
Fax: (860) 418-7053  
Website: [www.ct.gov/ohca](http://www.ct.gov/ohca) <<http://www.ct.gov/ohca>>

 Please consider the environment before printing this message

**Greer, Leslie**

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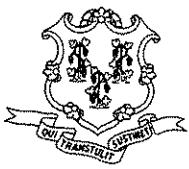
**From:** Robert Taylor [RTaylor@graystoneadv.com]  
**Sent:** Friday, April 16, 2010 12:08 PM  
**To:** Greer, Leslie  
**Subject:** Legal Notice 10-31577

Hello,

The notice is scheduled to run in the Hartford Courant on 4/19. The cost is \$234.72.

Thanks,

Robert Taylor  
Graystone Group Advertising  
[www.graystoneadv.com](http://www.graystoneadv.com)  
2710 North Avenue, Suite 200  
Bridgeport, CT 06604  
Phone: 203-549-0060  
Fax: 203-549-0061



## STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

*Office of Health Care Access*

April 21, 2010

via fax and email only

Karen T. Goyette  
Vice President, Strategic Planning  
and Business Development  
Hartford Hospital  
80 Seymour Street  
P.O. Box 5037  
Hartford, CT 06102-5037

RE: Certificate of Need Application Forms; Docket Number: 10-31577-CON  
Hartford Hospital  
Acquisition of a CT Simulator

Dear Ms. Goyette:

Enclosed are the application forms for Hartford Hospital's Certificate of Need ("CON") proposal for the acquisition of a CT Simulator with associated capital expenditure of \$999,441. According to the parameters stated in Section 19a-639 of the Connecticut General Statutes, the CON application may be filed between May 24, 2010 and July 23, 2010.

When submitting your CON application and any subsequent application information to this agency, you are obligated to observe the following procedural requirements. **Failure to observe these requirements will require follow-up work on your part to correct the filing.**

- Number and date each page, including cover letter and all attachments. Information filed after the initial CON application submission (i.e. completeness response letter, prefile testimony, late file submissions and the like) must be numbered sequentially from the Applicant's document immediately preceding it. For example, if the application concludes with page 100, your completeness response letter would begin with page 101.
- Submit one (1) original and six (6) hard copies of each submission in 3-ring binders.
- Submit a scanned copy of each submission in its entirety, including all attachments on CD, preferably in Adobe (.pdf) format.

- Submit an electronic copy of the documents in MS Word format with financial attachments and other data as appropriate in MS Excel format.

The OHCA analysts assigned to the CON application are Steven W. Lazarus and Ronald A. Ciesones. Please feel free to contact them at (860) 418-7001 if you have questions.

Sincerely,



Kaila Riggott  
Planning Specialist

Enclosures



## State of Connecticut Office of Health Care Access Certificate of Need Application

Please complete all questions. If any question is not relevant to your project, Not Applicable may be an acceptable response. Your Certificate of Need application will be eligible for submission no earlier than May 24, 2010, and may be submitted no later than July 23, 2010. The Analysts assigned to your application are Steven W. Lazarus and Ronald A. Ciesones and they may be reached at the Office of Health Care Access at (860) 418-7001.

**Docket Number:** 10-31577-CON

**Applicant Name:** Hartford Hospital  
**Contact Person:** Karen T. Goyette  
**Contact Title:** Vice President, Strategic Planning  
and Business Development

**Contact Address:** 85 Seymour Street  
P.O. Box 5037  
Hartford, CT 06102-5037

**Project Location:** Hartford

**Project Name:** Acquisition of a CT Simulator

**Type proposal:** Section 19a-639, C.G.S.

**Est. Capital Cost:** \$999,414

## 1. Project Description and Need

- A. Provide a narrative detailing the proposal.
- B. Provide the Manufacturer, Model, Number of slices/tesla strength of the proposed scanner (as appropriate to each equipment).
- C. List each of the Applicant's sites and the imaging modalities and other services currently offered by location.
- D. Complete **Table 1** for each scanner (of the type proposed) currently operated by the Applicant at each of the Applicant's sites.

**Table 1: Existing Scanners Operated by the Applicant**

Provider Name Street Address Town, Zip Code	Description of Service *	Hours/Days of Operation **	Utilization ***

\* Include equipment strength (e.g. slices, tesla strength), whether scanner is open or closed (for MRI)

\*\* Days of the week scanner is operational, and start and end time for each day; and

\*\*\* Number of scans performed on each scanner for the most recent 12-month period (identify period).

- E. Provide the following regarding the proposal's location:

- i) The rationale for locating the proposed equipment at the proposed site;
- ii) The population to be served, including specific evidence such as incidence, prevalence, or other demographic data that demonstrates need;
- iii) How and where the proposed patient population is currently being served;
- iv) All existing providers (name, address) of the proposed service in the towns listed above and in nearby towns;
- v) The effect of the proposal on existing providers; and
- vi) If the proposal involves a new site of service, identify the service area towns and the basis for their selection.

## 2. Actual and Projected Volume

- A. Complete the following tables for the past three fiscal years ("FY"), current fiscal year ("CFY"), and first three projected FYs of the proposal, for each of the Applicant's existing and proposed scanners (of the type proposed, at the proposed location only). In Table 2a, report the units of service by scanner, and in Table 2b,

report the units of service by type of scan (e.g. if specializing in orthopedic, neurosurgery, or if there are scans that can be performed on the proposed scanner that the Applicant is unable to perform on its existing scanners).

**Table 2a: Historical, Current, and Projected Volume, by Scanner**

	Actual Volume (Last 3 Completed FYs)			CFY Volume*	Projected Volume (First 3 Full Operational FYs)**		
	FY ****	FY ****	FY ***		FY ***	FY ****	FY ***
Scanner***							
<b>Total</b>							

\* For periods greater than 6 months, report annualized volume, identifying the number of actual months covered and the method of annualizing. For periods less than six months, report actual volume and identify the period covered.

\*\* If the first year of the proposal is only a partial year, provide the first partial year and then the first three full FYs. Add columns as necessary.

\*\*\* Identify each scanner separately and add lines as necessary. Also break out inpatient/outpatient/ED volumes if applicable.

\*\*\*\* Fill in years. In a footnote, identify the period covered by the Applicant's FY (e.g. July 1-June 30, calendar year, etc.).

**Table 2b: Historical, Current, and Projected Volume, by Type of Scan**

	Actual Volume (Last 3 Completed FYs)			CFY Volume*	Projected Volume (First 3 Full Operational FYs)**		
	FY ****	FY ****	FY ***		FY ***	FY ****	FY ***
Service type***							
<b>Total</b>							

\* For periods greater than 6 months, report annualized volume, identifying the number of actual months covered and the method of annualizing. For periods less than six months, report actual volume and identify the period covered.

\*\* If the first year of the proposal is only a partial year, provide the first partial year and then the first three full FYs. Add columns as necessary.

\*\*\* Identify each type of scan (e.g. orthopedic, neurosurgery or if there are scans that can be performed on the proposed scanner that the Applicant is unable to perform on its existing scanners) and add lines as necessary.

\*\*\*\* Fill in years. In a footnote, identify the period covered by the Applicant's FY (e.g. July 1-June 30, calendar year, etc.).

- B. Provide a breakdown, by town, of the volumes provided in Table 2a for the most recently completed full FY.
- C. Explain any increases and/or decreases in volume seen in the tables above.

- D. Provide a detailed explanation of all assumptions used in the derivation/calculation of the projected volume by scanner and scan type.
- E. Provide a copy of any articles, studies, or reports that support the need to acquire the proposed scanner, along with a brief explanation regarding the relevance of the selected articles.

### 3. Quality Measures

- A. Submit a list of all key professional, administrative, clinical, and direct service personnel related to the proposal. Attach a copy of their Curriculum Vitae.
- B. Explain how this proposal contributes to the quality of health care delivery in the region.
- C. Describe the impact of the proposal on the interests of consumers of health care services and the payers of such services

### 4. Organizational and Financial Information

- a. Identify the Applicant's ownership type(s) (e.g. Corporation, PC, LLC, etc.).
- b. Does the Applicant have non-profit status?  
 Yes (Provide documentation)  No
- c. Provide a copy of the State of Connecticut, Department of Public Health license(s) currently held by the Applicant and indicate any additional licensure categories being sought in relation to the proposal.
- d. Financial Statements
  - i) If the Applicant is a Connecticut hospital: Pursuant to Section 19a-644, C.G.S., each hospital licensed by the Department of Public Health is required to file with OHCA copies of the hospital's audited financial statements. If the hospital has filed its most recently completed fiscal year audited financial statements, the hospital may reference that filing for this proposal.
  - ii) If the Applicant is not a Connecticut hospital (other health care facilities): Audited financial statements for the most recently completed fiscal year. If audited financial statements do not exist, in lieu of audited financial statements, provide other financial documentation (e.g. unaudited balance sheet, statement of operations, tax return, or other set of books.)
- e. Submit a final version of all capital expenditures/costs as follows:

**Table 3: Proposed Capital Expenditures/Costs**

Medical Equipment Purchase	\$
----------------------------	----

Imaging Equipment Purchase	
Non-Medical Equipment Purchase	
Land/Building Purchase *	
Construction/Renovation **	
Other Non-Construction (Specify)	
<b>Total Capital Expenditure</b>	<b>\$</b>
Medical Equipment Lease (Fair Market Value) ***	\$
Imaging Equipment Lease (Fair Market Value) ***	
Non-Medical Equipment Lease (Fair Market Value) ***	
Fair Market Value of Space ***	
<b>Total Capital Cost</b>	<b>\$</b>
Capitalized Financing Costs (Informational Purpose Only)	
<b>Total Capital Expenditure with Cap. Fin. Costs</b>	<b>\$</b>

\* If the proposal involves a land/building purchase, attach a real estate property appraisal including the amount; the useful life of the building; and a schedule of depreciation.

\*\* If the proposal involves construction/renovations, attach a description of the proposed building work, including the gross square feet; existing and proposed floor plans; commencement date for the construction/ renovation; completion date of the construction/renovation; and commencement of operations date.

\*\*\* If the proposal involves a capital or operating equipment lease and/or purchase, attach a vendor quote or invoice; schedule of depreciation; useful life of the equipment; and anticipated residual value at the end of the lease or loan term.

f. List all funding or financing sources for the proposal and the dollar amount of each. Provide applicable details such as interest rate; term; monthly payment; pledges received to date; letter of interest or approval from a lending institution.

## 5. Patient Population Projections

a. Provide the current and projected patient population mix (based on the number of patients, not on revenue) with the CON proposal for the proposed.

**Table 4: Patient Population Mix**

	<b>Current** FY ***</b>	<b>Year 1 FY ***</b>	<b>Year 2 FY ***</b>	<b>Year 3 FY ***</b>
Medicare*				
Medicaid*				
CHAMPUS & TriCare				
<b>Total Government</b>				
Commercial Insurers*				
Uninsured				
Workers Compensation				
<b>Total Non-Government</b>				
<b>Total Payer Mix</b>				

\* Includes managed care activity.

\*\* New programs may leave the “current” column blank.

\*\*\* Fill in years. Ensure the period covered by this table corresponds to the period covered in the projections provided.

b. Provide the basis for/assumptions used to project the patient population mix.

## 6. Financial Attachments I & II

- a. Provide a summary of revenue, expense, and volume statistics, without the CON project, incremental to the CON project, and with the CON project. **Complete Financial Attachment I.** (Note that the actual results for the fiscal year reported in the first column must agree with the Applicant's audited financial statements.) The projections must include the first three full fiscal years of the project.
- b. Provide a three year projection of incremental revenue, expense, and volume statistics attributable to the proposal by payer. **Complete Financial Attachment II.** The projections must include the first three full fiscal years of the project.
- c. Provide the assumptions utilized in developing **both Financial Attachments I and II** (e.g., full-time equivalents, volume statistics, other expenses, revenue and expense % increases, project commencement of operation date, etc.).
- d. Provide documentation or the basis to support the proposed rates for each of the FYs as reported in Financial Attachment II. Provide a copy of the rate schedule for the proposed service(s).
- e. Provide the minimum number of units required to show an incremental gain from operations for each fiscal year.
- f. Explain any projected incremental losses from operations contained in the financial projections that result from the implementation and operation of the CON proposal.
- g. Describe how this proposal is cost effective.

## 7. Other Review Criteria

- A. Describe the proposal's relationship to the Applicant's long-range plans. Provide supporting documentation.
- B. Specify whether any of the following apply to the proposal. If so, provide an explanation and supporting documentation.
  - i) Voluntary efforts to improve productivity and contain costs;
  - ii) Changes to the Applicant's teaching or research responsibilities; and/or
  - iii) Special characteristics of the Applicant's patient or physician mix.

## HOSPITAL AFFIDAVIT

Applicant: \_\_\_\_\_

Project Title: \_\_\_\_\_

I, \_\_\_\_\_, \_\_\_\_\_  
(Name) (Position – CEO or CFO)

of \_\_\_\_\_ being duly sworn, depose and state that the (Hospital Name) information submitted in this Certificate of Need application is accurate and correct to the best of my knowledge. With respect to the financial impact related to this CON application, I hereby affirm that:

1. The proposal will have a capital expenditure in excess of \$15,000,000.  
 Yes       No
  
2. The combined total expenses for the proposal's first three years of operation will exceed one percent of the actual operating expenses of the Hospital for the most recently completed fiscal year as filed with the Office of Health Care Access.  
 Yes       No

---

Signature

---

Date

Subscribed and sworn to before me on \_\_\_\_\_

---

\_\_\_\_\_  
Notary Public/Commissioner of Superior Court

My commission expires: \_\_\_\_\_

## OFFICE OF HEALTH CARE ACCESS

## REQUEST FOR NEW CERTIFICATE OF NEED

## FILING FEE COMPUTATION SCHEDULE

APPLICANT: _____	FOR OHCA USE ONLY:	DATE	INITIAL
PROJECT TITLE: _____	1. Check logged (Front desk) _____	_____	_____
DATE: _____	2. Check rec'd (Clerical/Cert.) _____	_____	_____
	3. Check correct (Superv.) _____	_____	_____
	4. Check logged (Clerical/Cert.) _____	_____	_____

SECTION A – NEW CERTIFICATE OF NEED APPLICATION		
1. Check statute reference as applicable to CON application (see statute for detail):		
<input type="checkbox"/> 19a-638. Additional function or service, change of ownership, service termination. <b>No Fee Required.</b>		
<input type="checkbox"/> 19a-639 Capital expenditure exceeding \$3,000,000, or capital expenditure exceeding \$3,000,000 for major medical equipment, or CT scanner, PET scanner, PET/CT scanner, MRI scanner, cineangiography equipment or linear accelerator. <b>Fee Required.</b>		
<input type="checkbox"/> 19a-638 and 19a-639. <b>Fee Required.</b>		
2. Enter \$0 on "Total Fee Due" line (SECTION B) if application is required pursuant to Section 19a-638 only, otherwise go on to line 3 of this section.		
3. Enter \$400 on "Total Fee Due" line (SECTION B) if application is for capital expenditure for major medical equipment, imaging equipment or linear accelerator less than \$3,000,000		
4. Section 19a-639 fee calculation (applicable if section 19a-639 capital expenditure for major medical equipment, imaging equipment or linear accelerator exceeding \$3,000,000 or other capital expenditure exceeding \$3,000,000 is checked above <u>OR</u> if both 19a-638 and 19a-639 are checked):		
a. Base fee: _____	\$ 1,000.00	
b. Additional Fee: (Capital Expenditure Assessment) _____ (To calculate: Total requested Capital Expenditure/Cost excluding capitalized financing costs multiplied times .0005 and round to nearest dollar.) (\$ _____ x .0005)	\$ _____ .00	
c. Sum of base fee plus additional fee: (Lines A4a + A4b) _____	\$ _____ .00	
d. Enter the amount shown on line A4c. on "Total Fee Due" line (SECTION B).		
<b>SECTION B TOTAL FEE DUE:</b> _____	\$ _____ .00	

ATTACH HERE CERTIFIED OR CASHIER'S CHECK ONLY (Payable to: Treasurer, State of Connecticut)

11. C (i). Please provide one year of actual results and three years of projections of Total Facility revenue, expense and volume statistics without, incremental to and with the CON proposal in the following reporting format:

Total Facility Description	FY Actual Results	FY W/out CON	FY Projected Incremental	FY Projected W/out CON	FY Projected With CON	FY W/out CON	FY Projected Incremental	FY Projected W/out CON	FY Projected With CON
<b>NET PATIENT REVENUE</b>									
Non-Government				\$0	\$0	\$0	\$0	\$0	\$0
Medicare				\$0	\$0	\$0	\$0	\$0	\$0
Medicaid and Other Medical Assistance				\$0	\$0	\$0	\$0	\$0	\$0
Other Government				\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Net Patient Patient Revenue</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Operating Revenue</b>									
Revenue from Operations				\$0	\$0	\$0	\$0	\$0	\$0
<b>OPERATING EXPENSES</b>									
Salaries and Fringe Benefits				\$0	\$0	\$0	\$0	\$0	\$0
Professional / Contracted Services				\$0	\$0	\$0	\$0	\$0	\$0
Supplies and Drugs				\$0	\$0	\$0	\$0	\$0	\$0
Bad Debts				\$0	\$0	\$0	\$0	\$0	\$0
Other Operating Expense				\$0	\$0	\$0	\$0	\$0	\$0
Subtotal				\$0	\$0	\$0	\$0	\$0	\$0
Depreciation/Amortization				\$0	\$0	\$0	\$0	\$0	\$0
Interest Expense				\$0	\$0	\$0	\$0	\$0	\$0
Lease Expense				\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Expense				\$0	\$0	\$0	\$0	\$0	\$0
<b>Gain/(Loss) from Operations</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Plus: Non-Operating Revenue</b>									
Revenue Over/(Under) Expense				\$0	\$0	\$0	\$0	\$0	\$0
FTEs				0	0	0	0	0	0

\*Volume Statistics.  
Provide projected inpatient and/or outpatient statistics for any new services and provide actual and projected inpatient and/or outpatient statistics for any existing services which will change due to the proposal.

Hartford Hospital									
Please provide three years of projections of incremental revenue, expense and volume statistics attributable to the proposal in the following reporting format:									
Type of Service Description	Type of Unit Description	# of Months in Operation	FY	Projected Incremental Expenses:	Col. 2 * Col. 3	Col. 4 - Col. 5	Col. 1 Total *	Col. 6 - Col. 7	Col. 4 / Col. 4 Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Allowances/ Deductions	Gross Revenue	Charity Care	Bad Debt	Revenue	Operating Expenses	Gain/(Loss) from Operations			
Medicare	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Medicaid	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHAMPUS/TriCare	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Governmental</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Commercial Insurers	\$0	5	\$0				\$0	\$0	\$0
Uninsured	\$0	2	\$0				\$0	\$0	\$0
<b>Total NonGovernment</b>	<b>\$0</b>	<b>7</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total All Payers</b>	<b>\$0</b>	<b>7</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

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\*\*\* TX REPORT \*\*\*  
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STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
OFFICE OF HEALTH CARE ACCESS

**FAX SHEET**

**KAREN GOYETTE**

**TO:** \_\_\_\_\_  
860-545-2127

**FAX:** \_\_\_\_\_  
**AGENCY:** \_\_\_\_\_  
HARTFORD HOSPITAL

**FROM:** \_\_\_\_\_  
OHCA

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**Comments:**

Please see attached application for DN: 10-31577-CON.

**PLEASE PHONE IF THERE ARE ANY TRANSMISSION PROBLEMS.**

