

San Mateo Medical Center
222 West 39th Avenue
San Mateo, California 94403

Date: December 21, 2007
Quotation No: 69070131BQ2

San Mateo Medical Center - Room 3 IR017

Renovation for a GE Healthcare LightSpeed VCT System or LightSpeed VCT Select System

General Electric Company, by and through GE Healthcare ("GE Healthcare"), is pleased to submit this quotation for the work specified in and subject to GE Healthcare's Renovation Contract No. 69070131B, dated December 21, 2007, for the price of \$369,310, plus the amount of the Work Option if GE Healthcare's Customer has included it at the time the Renovation Contract is executed or otherwise accepted.

- See the above-referenced Renovation Contract, which is attached hereto and made a part hereof, for the terms and conditions that apply to the work.
- The work and work materials are furnished F.O.B. destination.
- This quotation expires on March 31, 2008.

General Electric Company, by and through,
GE Healthcare

By: 
Robert Forster

Title: Project Manager - MedFACS

Address: GE Healthcare
3000 N. Grandview Blvd.
Mail Code SN-472
Waukesha, Wisconsin 53188

Telephone: (262) 548-2593



This Contract entered into December 21, 2007, by and between General Electric Company, acting by and through its GE Healthcare ("Company" or "GE Healthcare"), and San Mateo Medical Center, 222 West 39th Avenue, San Mateo, California 94403 ("Owner" or "Customer").

In consideration of the mutual promises hereinafter set forth, the parties hereto agree as follows:

Scope of Work

Company will, subject to the terms and conditions of the Contract as defined in General Conditions - Renovation Contract (DB0130), attached hereto and made a part hereof, renovate certain existing space at the site that is described in Company's Scope of Work and configured as shown in the work drawing(s) referenced therein. The Scope of Work (DB0120) for Company's project no. 69070131B, dated December 21, 2007, attached hereto and made a part hereof, defines the renovation work to be performed by Company ("work").

Completion

The work (including preparation of construction drawings, if applicable) shall be commenced as soon as practical after (i) execution of the Contract by Owner and Company or, alternatively, Company's receipt of Owner's purchase order or other binding instrument that incorporates this Contract subject solely to the terms and conditions contained herein, and (ii) credit review and approval of the Contract by Company's credit department. The work shall proceed to Substantial Completion using due diligence under the Contract. The words "Substantial Completion" shall mean that stage of completion when the work is available for reasonable use or occupancy.

Contract Price

The consideration ("Contract Price") to be paid by Owner to Company for the performance of the work is \$369,310, plus the price of the Work Option if it is specifically included at the time this Contract is executed or otherwise accepted by Owner, subject to additions and deductions as herein provided. Owner is not obligated to include the specified Work Option at the time Owner executes or otherwise accepts this Contract, but it will not be available at the specified price if Owner does not do so. The Contract Price includes any sales, use, excise and similar tax legally enacted as of the effective date of this Contract with respect to the materials and services incorporated into the real property improvements.

The Contract Price does not include any amount for sales, use, excise and similar taxes applicable to tangible personal property provided under this Contract that is not incorporated into the real property improvements, if any. Owner will pay Company for those taxes in addition to the Contract Price, unless Owner is exempt from sales, use or similar taxes on such tangible personal property and Owner provides Company with (or has previously provided Company with) a tax exemption in a form acceptable to the taxing authorities when Owner executes this Contract. The tangible personal property, if any, and its selling price are as follows:

<u>Item No.</u>	<u>Description</u>	<u>Price</u>
1.	Injector overhead support	\$ 3,481
2.	Main disconnect control panel	13,119
3.	Diagnostic imaging system seismic anchoring hardware	1,607
Total...		<u>\$18,207</u>



Payment

Once each month Company may submit an invoice covering ninety percent (90%) of the value of labor and materials incorporated in the work during the preceding month. Such invoiced amount shall be due and payable by Owner upon Owner's receipt of the invoice.

Final payment of remaining amounts due shall be due and payable to Company by Owner at the time of Substantial Completion of the work and upon Owner's receipt of an invoice therefor.

Changes and Extra Work

Owner may at any time request in writing changes in the work. If such requested changes materially affect the Contract Price or the time required for performance of the work, Company will advise Owner in writing of any required changes in the Contract Price (including a fee for Company's overhead and profit) and the time required for performance of the work. If Company and Owner agree on such changes in the work and adjustment in the Contract Price and the time required for performance of the work, this Contract shall be modified accordingly by written amendment signed by duly authorized representatives of Owner and Company. Company's overhead and profit fee is 15% of the increased or decreased amount of Company's costs associated with such changes.

Effective Date

The effective date of this Contract is the date when the last party signs it or the date of Company receipt of Owner's purchase order or other binding instrument that incorporates this Contract subject solely to the terms and conditions contained herein.

IN WITNESS WHEREOF, Owner and Company have executed this Contract through their duly authorized representatives.

**General Electric Company, by and through its
GE Healthcare**

**Owner: San Mateo Medical Center
San Mateo, California**

By: _____
(Authorized Signature)

By: _____
(Authorized Signature)

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Owner may include the Work Option listed below (at the specified price) by either (i) initialing on the blank line to the right of the described Work Option at the time Customer executes this Contract, or (ii) specifically identifying it is included at the time Owner issues a purchase order or other instrument that incorporates this Contract subject solely to the terms and conditions contained herein. The Work Option is fully described in the Scope of Work.

- Work Option #1 (real property improvements) at \$40,488.

RF



General Conditions - Renovation Contract

1. **Acceptance.** The sale of the work covered by Company's quotation is conditioned upon the terms and conditions contained in the Contract Documents specified in Section 2 below. Any additional or different terms and conditions proposed by Owner or contained in Owner's purchase order or other documents issued by Owner are objected to by Company without need of further notice of objection and shall be of no effect, nor in any circumstances binding upon Company unless specifically agreed to in writing by an authorized representative of Company. Owner and Company hereby agree that this Contract is expressly limited to and made conditional upon acceptance by Owner of the exact terms and conditions contained in the Contract Documents.

Owner accepts this Contract by signing and returning this Contract to Company. However, in the absence of such signing, Owner, by allowing Company to initiate performance under this Contract or by accepting any part of the work, shall be deemed to have accepted the Contract Documents and all terms and conditions contained therein.

On the date of Substantial Completion Owner will be deemed to have accepted the work and Company will be deemed to have fulfilled and met its obligations to Owner for the work, and Company has no further obligations for the work beyond completing or correcting the work items identified as remaining to be completed or corrected on the work punchlist, if any, created by Company on or before the date of Substantial Completion.
2. **Contract Documents.** The Contract consists of the following Documents (Contract or Contract Documents) in the following order of precedence: (i) Supplementary Conditions, if any; (ii) Renovation Contract; (iii) General Conditions - Renovation Contract; (iv) Scope of Work; and (v) the drawings referenced in the Scope of Work. No waiver, alteration, modification or other terms and conditions except those contained herein shall be binding upon either party hereto, unless added to this Contract by a written amendment signed by authorized representatives of Owner and Company. The Contract Documents contain the entire agreement between the parties respecting the subject matter thereof, and any representation, affirmation of fact, course of prior dealing, usage of the trade, promise, condition or understanding not incorporated therein shall not be binding upon either party.
3. **Scope.** Unless otherwise specifically stated, Company shall arrange for furnishing and installation of, the materials, tools, equipment, labor superintendence and services specified to be provided by Company in the Contract. Anything not specifically set forth in the Scope of Work is not included in the work, nor Company's responsibility. The drawings for the work are made a part of this Contract solely for the purpose of indicating the general configuration (floor plan) of the work, and anything else on those drawings is not a part of this Contract, nor Company's responsibility and is deemed deleted from those drawings unless specifically included in the Scope of Work.
4. **Suspension/Termination.** In the event Owner requests a suspension of work under this Contract, Owner shall notify Company in writing at least seven (7) calendar days in advance of the requested suspension date and indicate the expected suspension period. Company shall advise Owner of the Contract Price adjustment and change in time of completion resulting from the suspension. If such expected suspension period exceeds sixty (60) calendar days, Company may terminate the Contract and recover reasonable termination charges under the provisions regarding termination set forth below.

If Owner fails to make payment of any amounts within fourteen (14) calendar days after such payment becomes due, then Company may, at its option, suspend the work until payment of the amount due by Owner has been received. If Owner fails to make payment of any amounts within thirty (30) calendar days after such payment becomes due, or if the Owner should commit a breach of any of its other responsibilities or obligations hereunder, then Company may, in its sole judgment and at its option, either suspend this Contract or terminate this Contract and recover reasonable termination charges as set forth below.

If the financial condition of Owner at any time does not, in the reasonable judgment of Company, justify continuance of the work to be performed hereunder on the terms of payment agreed upon, or Company refuses to grant credit approval within thirty (30) calendar days of the effective date of the Contract, Company may require full or partial payment in advance or shall be entitled to terminate the Contract and shall receive payment from Owner for Company's reasonable termination charges as set forth below. In the event of bankruptcy or insolvency of Owner or in the event any proceeding is brought against Owner, voluntarily or involuntarily, under the bankruptcy or any insolvency laws, Company shall be entitled to terminate the Contract at any time during the period allowed for filing claims against the estate and shall receive payment from Owner for Company's reasonable termination charges as set forth below.

In the event of termination of the Contract, Owner shall pay Company for Company's reasonable termination charges including but not limited to payment for all work executed and for any losses and costs incurred by Company as a result of such termination including reasonable profit and damages. Company's rights under this Section are in addition to such other relief available to it at law or in equity.
5. **Overtime Work.** The schedule of work is based on a workweek of five (5) eight (8) hour days, Monday through Friday, exclusive of Company observed holidays. Unless stated otherwise in the Scope of Work, all work will be performed on the 1st shift (usually between the hours of 7:00 a.m. and 5:00 p.m.). In the event Owner requests that the workweek be changed to any basis other than the above period, the Contract Price shall be adjusted in accordance with the Changes provisions of the Renovation Contract to reflect additional costs resulting from the change.
6. **Request for Alternate Contractor.** In the event that Owner requests the work hereunder or any part thereof to be performed by contractor(s) other than the contractor(s) selected by Company, Owner shall pay to Company, in addition to the Contract Price, all additional costs resulting from such request incurred by Company, if Company elects to comply with such request.
7. **Rules at Site.** Company shall observe, and require its employees, contractors, material suppliers and their employees to comply with the reasonable regulations and rules of Owner in effect at the site as of the effective date of the Contract. Company shall keep the site and adjoining premises clear of rubbish caused by it or its contractors, and at the completion of the work shall remove all rubbish, tools, equipment, surplus material and temporary structures and installations. Company shall receive, pile, store and handle all materials, equipment and other items incorporated or to be incorporated in the work.
8. **Insurance.** Company shall provide and maintain, until the work is completed, insurance coverage for Company as follows:
 - a. Workers' Compensation, including coverage under Longshoremen's and Harbor Workers' Act where applicable, providing the coverage necessary to meet statutory requirements.
 - b. Employers Liability with coverage of \$1,000,000 each occurrence.
 - c. Comprehensive General Liability with combined single limit of \$1,000,000 for bodily injury and property damage.
 - d. Comprehensive Automobile Liability covering all owned, hired and non-owned automotive equipment used by or with the permission of Company (including the loading and unloading thereof), with combined single limit of \$1,000,000 for bodily injury and property damaged.

Upon written request by Owner, a certificate evidencing such insurance shall be provided to Owner by Company.



General Conditions - Renovation Contract

9. **Disclaimer of Warranties.** Company will have its contractor(s) issue directly to Owner a warranty for the portion of the work provided by such contractor(s) without any recourse or liability to Company. Company does not warrant the work, including but not limited to the labor, services or materials forming all or a part of the work and such items are provided AS IS.
- NO WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED AND EXPRESS WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLY TO ANYTHING PROVIDED BY COMPANY.
10. **Liens.** Company shall, upon receipt of final payment from Owner, submit to Owner an executed waiver of lien rights or such similar instrument as may be permitted under the laws of the jurisdiction where the work is located.
11. **Limitations of Remedies and Damages.** THE TOTAL LIABILITY OF COMPANY AND COMPANY'S REPRESENTATIVES TO OWNER AND OWNER'S EXCLUSIVE REMEDY RELATING TO THIS CONTRACT AND THE WORK IS LIMITED TO THE PRICE STATED IN THIS CONTRACT FOR THE WORK WHICH IS THE BASIS OF THE CLAIM.
- Owner agrees that Company and Company's representatives have no liability to Owner for (i) any punitive, incidental or consequential damages such as lost profit or revenue, (ii) any assistance not required under this Contract, or (iii) anything occurring after the date of acceptance of the work.
- Owner will be barred from any remedy unless Owner gives Company prompt written notice of the problem complained of.
- This is a commercial construction transaction. Any claim related to this Contract will be covered solely by commercial legal principles. COMPANY, COMPANY'S REPRESENTATIVES AND OWNER WILL NOT HAVE ANY NEGLIGENCE OR OTHER TORT LIABILITY TO THE OTHER ARISING FROM THIS CONTRACT. This limitation does not affect claims by third parties for personal injury due to Company, Company's representatives' or Owner's negligence.
12. **Delay in Performance.** Company is not liable for delays due to causes beyond Company's reasonable control, and Company's time for performance of the work will be extended for a period equal to the time lost by reason of those delays. In addition, Company is entitled to payment by Owner for the reasonable and allocable increased costs resulting from those delays.
13. **Ownership of Drawings.** The drawings, specifications, designs, bills of material, calculations, operating instructions and other documents submitted by Company in connection with this Contract and all copies thereof are confidential and shall remain the exclusive property of Company and shall not be used by Owner or others for other work or for modifications to this work, except pursuant to the written agreement of Company. Owner shall be permitted to retain copies of these documents for information.
14. **Transportation, Title and Risk of Loss.** Title to a completed portion of work passes to Owner the earlier of its incorporation into the construction or upon Company's receipt of payment for that portion of the work. Company keeps responsibility for transportation and risk of loss for the work until it reaches Substantial Completion and then those responsibilities pass to Owner. If Owner occupies a portion of the work before Substantial Completion, the responsibility for risk of loss for that portion of the work passes to Owner upon such occupancy.
15. **Exclusions.** The following elements of design, engineering, construction, equipment or related work or services ARE NOT INCLUDED in the work or otherwise Company's responsibility under the Contract unless specifically included in the Scope of Work: (i) removal of Owner's existing supplies or equipment (including diagnostic imaging equipment) from the site; (ii) diagnostic imaging or other medical equipment and/or installation thereof; (iii) corrections or additions to existing heating, ventilating or air conditioning systems; (iv) radiation surveys, studies or tests necessary to determine the adequacy of existing or additional radiation shielding at the site or to determine the adequacy of the radiation shielding at the completion of the work; (v) removal of or modifications to load bearing walls or structural components at the site; (vi) new networking or additions or modifications to existing networking (e.g. data networking, system interconnecting networking, laser camera or printing networking or any other networking); (vii) new fire protection systems, or additions or modifications to existing fire protection systems to increase capacity, or connections to alarm systems; (viii) plumbing modifications or new plumbing work requiring ceiling, wall or floor penetrations as well as additional vents or resizing of supply or waste lines; (ix) obtaining the approval of Owner's lessor to proceed with the work; (x) modifications to correct any existing conditions which are non-compliant with applicable federal, state and local laws, regulations and codes; and (xi) modifications to work required by Owner.
- Company will not have any responsibility to Owner or any third party with respect to the ability of Owner's equipment, systems or other items, or of the work or any materials, equipment, parts, services, actions or other items covered under this Contract to process correctly dates.
- Owner hereby agrees that the foregoing exclusions shall remain the sole responsibility of Owner.
16. **Waiver.** Failure of either party to enforce at any time any provision of the Contract shall not be construed as a waiver of such provision.
17. **Substitution.** Company may, at its option, substitute construction materials and equipment for that specified in the construction drawings and specifications if such substitutions would reduce any delay caused by unavailability of specified materials or equipment, provided that such substituted materials and equipment are of at least equal quality to that specified.
18. **Owner's Responsibilities.** In addition to Owner's other responsibilities established in this Contract, Owner agrees that the below-listed responsibilities and obligations are its responsibility and shall be furnished promptly at Owner's expense. Company relies upon the accuracy and completeness of all data Owner provides to Company and all obligations Owner performs or is required to perform.
- Owner shall designate a representative who shall be fully acquainted with the work and has authority to approve changes in the work, render decisions promptly and furnish information expeditiously.
 - Owner shall obtain approval of all governmental authorities having jurisdiction over the work and such approvals and consents as may be necessary for use and occupancy of the work, including without limitation, necessary zoning changes or verifications, approvals, and easements. Owner shall also pay for all property and utility assessments and charges (including rental, lease and/or purchase of any lands) required for the construction, use or occupancy of the work.
 - Owner shall furnish Company, without charge, copies of existing record or as-built drawings and specifications reasonably necessary for the execution of the work.
 - Owner shall submit to Company requested information necessary, in the opinion of Company, for Company to grant credit approval of Owner.
 - Owner shall communicate with Company's contractors only through Company's representative, unless there is an emergency regarding safety requiring direct communications.



General Conditions - Renovation Contract

- f. If Owner becomes aware of any fault or defect in the work or non-conformance of the work with the Contract, Owner shall give prompt written notice thereof to Company.
 - g. Owner will provide Company and its contractors with unfettered access to the site and pertinent adjacent areas, including an appropriate and suitable staging area reasonably close to the site by the date(s) designated in Company's schedule for the work. That access will be provided through the date of completion of the work, and, except for any demolition and removals that the Scope of Work specifies as part of Company's work, the site will be free and clear of all materials, equipment, structures and obstructions that would hinder Company's performance of the work in any way. Upon Company's request, Owner will promptly identify the location of the staging area and the access routes to the site for workers and movement of materials.
 - h. If state and/or local governmental reviews and/or approvals are required for construction of the work (exclusive of local construction permits) and such reviews and approvals are not specified as part of Company's work in the Scope of Work, Owner will promptly file for and obtain those reviews and approvals so that Company's contractor(s) can apply for and obtain any necessary local construction permits by the date(s) designated in Company's schedule for the work.
 - i. Owner will promptly, upon Company's or its contractor's submission, review and deliver to Company Owner's written comments on any drawings, specifications, construction documents, shop drawings and/or samples of the work submitted.
 - j. Owner will identify the specific locations and make available to Company the applicable utility services with capacities adequate to support the operation of the completed work and the diagnostic imaging equipment system(s) installed within the site. Owner will provide connection points to those services within the site, unless specified otherwise in the Scope of Work. Owner will provide and bear the cost for all utility services (e.g. electrical, sewer, water, natural gas, etc.) consumed at the site during Company's performance of the work, except for the cost of the utility services consumed by Company's performance of the work if and to the extent it is specified as Company's responsibility in the Scope of Work.
 - k. Upon 48-hours advance notice from Company, Owner will shut down or arrange for shutting down the specified facility services and control systems at the designated times and for appropriate time periods to allow for Company's connection to and testing of those services and systems.
 - l. If it is necessary to shut down specific existing diagnostic system(s) located in or adjoining the site to allow for Company's connection to and/or testing of certain facility services and control systems, upon 48-hours advance notice from Company, Owner will shut down those diagnostic system(s) at the designated times and for appropriate time periods to allow for Company's connection to and testing of those services and systems.
 - m. In the event it is necessary to reinforce the existing structure to support the diagnostic imaging equipment system(s) and/or work and that reinforcement work, including design, is not specified as part of Company's work in the Scope of Work, Owner will have that reinforcement work completed by the date(s) designated in Company's schedule for the work. Except for any reinforcement design or work specified as part of Company's work in the Scope of Work, Owner is solely responsible for the adequacy of the existing building shell design and construction to support the work and any diagnostic imaging equipment system(s) installed in or about the site.
 - n. If Company's performance of the work requires demolition work or the removal of any furnishings, supplies, materials and equipment beyond the demolition and removal work specified as part of Company's work in the Scope of Work, Owner will complete the demolition and removal of all existing interior partitions, ceilings, floor covering, electrical ductwork, utilities (capped at floor or perimeter of the site), ductwork (HVAC, etc.) and any remaining furnishings, supplies, materials and equipment that Company specifies (to the extent necessary for Company's performance of the work) by the date(s) designated in Company's schedule for the work.
 - o. If the Scope of Work lists items that are to be furnished by Owner to Company for installation, Owner will deliver those items to Company in accordance with Company's schedule for the work. If the Scope of Work includes as part of Company's work the rigging of all or some of the components of the diagnostic imaging equipment system(s) into the site, Owner will have those components available in the proximity of the site ready for rigging into site on the date designated in Company's schedule for the work.
19. **Hazardous Materials.** If prior to commencement of the work, hazardous materials, including but not limited to asbestos, are known or suspected to be within the site or other ancillary areas to the site, Owner will immediately provide written notice to Company of that condition and have the site or ancillary areas and materials inspected and tested by appropriate experts. Owner will take all remedial actions, including but not limited to removal, to the extent required by all applicable regulations or testing and provide Company with the test results prior to the work commencing.
- In the event that hazardous materials are suspected or discovered at the site or in ancillary areas during the performance of the work, the discovering party shall immediately advise the other party of that condition and all work activity in the affected areas shall cease. Owner shall have the materials and site or ancillary areas tested and inspected by appropriate experts. Owner will take all remedial actions, including but not limited to removal, to the extent required by all applicable regulations or testing and provide Company with the test results prior to the work resuming.
- Company's time for performance of the work will be extended for a period equal to the time lost by reason of that delay. In addition, Company is entitled to payment by Owner for the reasonable and allocable increased costs resulting from that delay.
20. **Unknown or Concealed Conditions.** If unknown or concealed conditions are encountered during the work, the Contract Price and Company's time for performance of the work shall be equitably adjusted by the parties.
21. **General Matters.** Any assignment of this Contract will be void without the other party's prior written consent, which will not be unreasonably withheld. However, Company may arrange for one or more contractors to perform all or portions of the work. If any part of this Contract is found invalid, the remaining part will be effective. The law of the state where the work is performed will govern any dispute between Company and Owner. All of Company's rights, privileges and remedies with respect to this Contract will continue in full force and effect after the end of the Contract.



GE Healthcare's Customer Name: San Mateo Medical Center

Facility Name: San Mateo Medical Center

Facility Location: San Mateo, California

Site Preparation for: GE Healthcare LightSpeed VCT or LightSpeed VCT Select System - Room 3 1IR017

The renovation ("work") is limited to the design, construction, labor, materials, equipment, and related services set forth in the specifications contained in this Scope of Work to prepare the site for the installation of either a GE Healthcare LightSpeed VCT or LightSpeed VCT system. The work will conform to the general configuration (floor plan) represented in the "work drawings" identified as GE Healthcare's preliminary planning drawings for its scheme number 07SFG007a, sheets 1 through 4, all dated August 15, 2007, incorporated herein by reference. Any directional references in this Scope of Work rely on north or plan north being located at the top of the work drawings.

The work will comply with (i) the applicable specifications and dimensions set forth in the work drawings, and (ii) the applicable requirements set forth in GE Healthcare's technical publication titled "LightSpeed 7.X, Pre-Installation Manual, LightSpeed VCT XT, LightSpeed VCT, LightSpeed VCT Select, LightSpeed Pro32," publication number 5116410-100, revision 11. If the above-referenced work drawings are not the final site-specific equipment installation drawings, the final site-specific equipment installation drawings, with the above-referenced preliminary planning drawings, when issued, will be known as the "work drawings" thereafter.

The "site" where the work will be performed consists of the Exam 3 1IR017 ("Exam"), Control, and Equipment rooms (totaling approximately 560 sq. ft.) that are shown on the work drawings and are located in the Radiology Department on the ground floor of the San Mateo County Medical Center, 222 West 39th Avenue, San Mateo, California 94403.

For the purposes of this Scope of Work, (i) the term "furnish" means supply the specified item(s) as an integral part of the work, delivered to the location within the site where it (they) will be installed and/or used, (ii) the term "install" means place the specified item(s) into final position, including the necessary fastening, cutting, mechanical/electrical connections, and adjustments, and (iii) the term "standard work hours" means the hours of 7:00 AM through 5:00 PM, Monday through Friday, excluding observed holidays.

Work-Related Services

The work-related services include the following services.

1. Furnish the applicable architectural design and engineering (such as, structural, mechanical, and electrical) services, including signed and sealed construction drawings for the work, if and to the extent needed for production of the work. Those services will be furnished by architects and engineers licensed in the jurisdiction where the work will be performed.
2. Submitting the construction drawings to the applicable state, county, and municipal authorities having jurisdiction over the work for their review, approval, and granting of applicable construction permits. The processing fees associated with the submission and processing of these construction drawings are not included as part of the work.



3. During the production of the work red line a copy of the applicable existing facility electrical drawings to indicate the new electrical equipment and the placement of that equipment.
4. Retain a set of GE Healthcare's site-specific equipment installation drawings at the site and red line those drawings to indicate any deviations made from the requirements indicated in those drawings during the production of the work.
5. Furnish miscellaneous shop drawings if and to the extent necessary for production of the work.
6. Furnish a survey of the existing supply and return static pressures, temperatures, and air flows, and, if applicable, exhaust air flows in Exam, Control, and Equipment rooms, and record and report on the static pressure, temperature and air flow readings taken.
7. The design for the work will incorporate applicable State of California building codes, rules, and regulations, including applicable seismic codes, rules and regulations.

Division 1 - General Requirements

The general requirements work includes the following services and work elements.

1. Coordinate and attend a preliminary meeting at the site to review the work content, design for the work, drawing approval process, if any, and finalize the schedule for the design and production of the work.
2. Coordinate and attend a pre-construction meeting and periodic progress meetings. Compile and distribute the minutes of those meetings and an updated construction schedule following each of those meetings.
3. Project management and full time on-site construction supervision services.
4. Seal off applicable site supply and return air diffusers and grills to minimize dust contamination of ductwork and the surrounding areas.
5. Furnish and install (i) temporary dust barriers between the site and the adjoining areas, and (ii) temporary walk-off mats at the entrance(s) to the site.
6. Furnish and install a temporary negative air unit for the site with HEPA filtration for general dust control purposes.
7. Maintain a reasonably clean and safe job site in compliance with OSHA regulations.
8. Comply with the reasonable written fire prevention measures and other written general construction-related rules furnished by GE Healthcare's Customer and that are in effect at the site.
9. The work will be produced during standard work hours.
10. Power and other utilities shut downs will occur during standard working hours and will be coordinated with a representative of GE Healthcare's Customer.
11. Clean the site (broom clean) at the completion of the work.
12. Furnish a dumpster for work rubbish and debris near the site in an area designated by GE Healthcare's Customer.
13. If areas adjoining the site are occupied during the production of the work, coordinate the work so that GE Healthcare's Customer's use and occupancy of those areas will not be unreasonably impaired for extended periods of time.



14. Coordinate the delivery and storage of the work materials with GE Healthcare's Customer.
15. The work will comply with applicable State of California building codes, rules, and regulations, including applicable seismic codes, rules, and regulations.
16. The wage and benefit rates for the on-site workers of GE Healthcare's contractors and their subcontractors at any tier shall be equal to the amount of the applicable union/prevaling wages and benefits in effect for the location of the site.

Division 2 - Site Work/Selective Demolition

The site work/selective demolition work includes the following services and work elements. The removed items include the disposal of those items, unless otherwise specified. These site work/selective demolition work elements will be performed only to the extent necessary for the production of the work.

1. Saw cut the existing concrete floor to the extent necessary for the installation of electrical cable ducting in the Exam room.
2. Remove the existing diagnostic imaging system's slab-embedded floor anchors and baseplate from the Exam room after the removal of that system by others.
3. Remove the existing countertop from the Control room.
4. Remove the existing countertop, base, and wall cabinets in the Exam room. Clean and store the countertop, base, and wall cabinets for reinstallation.
5. Remove the existing drywall to 7'-0" above the finished floor from the existing walls in the Exam room.
6. Remove portions of the existing walls from the Control and Equipment rooms to the extent necessary to allow for the installation of, where applicable, conduits, and wall blocking.
7. Remove the existing non-asbestos flooring and base materials in the Exam, Control, and Equipment rooms.
8. Remove portions of the existing ceiling panels and grid from the Exam, Control and Equipment rooms. Store the panels and grid for reinstallation.
9. Remove the existing sink and faucet (and cap the existing piping) from the Exam room. Clean and store the sink and faucet for reinstallation.
10. Remove the existing light fixtures from the Exam room. Clean and store the light fixtures for reinstallation.
11. Remove the existing diagnostic imaging system's main disconnect switch from the Equipment room.
12. Remove the abandoned surface-mounted or exposed electrical conduits, cable ducting, junction boxes, and panels from the site that hinder the production of the work and are not required for the work.

Division 3 - Concrete

The concrete work includes the following work elements.

1. Furnish and install a self-leveling cementitious underlayment (Ardex K15 or equal) to the extent necessary to fill the openings where the existing table anchors and baseplate have been removed, and to level the existing floor directly below the new diagnostic imaging system's gantry and table in the Exam room so it complies with the diagnostic imaging system's pre-installation specifications.



2. Fill the voids around new duct with self-leveling cementitious underlayment (Ardex K15 or equal).

Division 4 - Masonry (Not Applicable)

Division 5 - Metals

The metals work includes the following work elements.

1. Furnish and install an overhead support attached to the existing overhead facility structure to accommodate the installation of a ceiling-mounted injector in the Exam room. The injector is furnished and installed by others.
2. Furnish and install metal support materials in the walls to attach, where applicable, the casework and the diagnostic imaging system's cabinets to the walls.

Division 6 - Wood and Plastics

The wood and plastics work includes the following work elements.

1. Reinstall the existing countertop and wall and base cabinet in the Exam room.
2. Furnish and install a 24" deep x 5'-0" long plastic laminated countertop in the Control room. This countertop will be installed 2'-6" above the finished floor. The countertop includes two 3" hole(s) with grommet(s) for cable access.
3. Countertop will be fabricated and installed in accordance with the specifications and standards of the American Woodwork Institute for "custom grade." Sample laminate materials will be furnished to GE Healthcare's Customer for their selection of the laminate pattern/color.

Division 7 - Thermal and Moisture Protection

The thermal and moisture protection work includes the following work elements.

1. Furnish and install caulking and, where applicable, fire rated sealant compounds at the work penetrations. The fire rated materials will be consistent with the fire rating of the penetrated building component.
2. Furnish and install caulking at countertops and cabinets in the Exam and Control rooms.

Division 8 - Doors and Windows

1. The existing doors and windows in the Exam, Control, and Equipment rooms will remain as is, unchanged.

Division 9 - Walls and Finishes

The walls and finishes work includes the following work elements. See Division 13 for other specialty wall work.

Walls:

1. Patch, include priming if applicable, the areas of the existing walls throughout the site damaged by the production of the work.

Floors:

1. Furnish and install approximately 560 sq. ft. of Medintech sheet vinyl flooring in the Exam, Control, and Equipment rooms. Furnish and install sheet vinyl flooring as a flash cove base in the Exam, Control,



and Equipment rooms. Sheet vinyl flooring seams will be heat welded. The sheet vinyl flooring materials will be similar to the existing sheet vinyl flooring in nearby areas. Sheet vinyl flooring samples will be furnished to GE Healthcare's Customer for their selection of the sheet vinyl flooring color/pattern.

Ceilings:

1. Reinstall the existing suspended acoustical ceiling grid and panels in the Exam, Control, and Equipment rooms. Furnish and install supplemental acoustical ceiling panels and grid to replace those damaged by the production of the work.

Painting and Other Finishes:

1. Prime the new and existing walls and spot prime bare areas of the existing doors and door and window frames in the Exam, Control, and Equipment rooms.
2. Paint the existing and new walls, doors, and door and window frames throughout the site with 2 coats of latex paint.
3. Paint the existing and new electrical cable ducting and conduit throughout the site with 2 coats of latex paint similar to the paint color on the adjacent walls.
4. Paint finish will be similar to the existing paint finish in nearby areas. Sample paint chips will be furnished to GE Healthcare's Customer for their selection of the paint color/finish.

Division 10 - Specialties (Not Applicable)

Division 11 - Equipment (Not Applicable)

Division 12 - Furniture (Not Applicable)

Division 13 - Special Construction

The special construction work includes the following work elements.

Radiation Shielding:

1. Furnish and install drywall with 1/16" lead shielding to a height of 7'-0" above the finished floor on the walls in the Exam room.

Division 14 - Conveying Systems (Not Applicable)

Division 15 - Mechanical

The mechanical work includes the following work elements.

Plumbing:

1. Reinstall existing sink and faucet in the reinstalled countertop and base cabinet in the Exam room. Reconnect those fixtures to the existing domestic water, sanitary drain, and vent piping on the Exam room.
2. Furnish and install a condensate drain for the new air conditioning fan coil unit. That drain piping will be connected to the existing sanitary sewer piping within the Exam room.



Fire Protection Work:

1. The existing fire sprinkler system will remain as is, unchanged.

Medical Gas Work:

1. The existing medical gas system and components will remain as is, unchanged.

HVAC:

1. The existing HVAC system(s) for the site will remain as is, unchanged.
2. Furnish and install a new 3 ton supplemental chilled water air conditioning fan coil unit for the Exam room to supplement the existing heating and air conditioning equipment. The supplemental fan coil unit includes the supply and return ductwork, insulation, connections, diffusers, and thermostat control. The chilled water piping will be connected to facility chilled water piping within approximately 30 linear feet of the perimeter of the Exam room.
3. Perform final air balancing in the Exam, Control, and Equipment rooms, including furnishing a written final air balancing report to GE Healthcare's Customer.

Division 16 - Electrical

The electrical work includes the following work elements.

Power:

1. The existing diagnostic imaging system's power feeder will be used for the new diagnostic imaging system and will remain as is, unchanged.
2. Furnish and install a new 4-wire, 3-phase electrical feeder (conduit, wire, and fittings) rated for 30 amps at 208 volts for the new supplemental air conditioning fan coil unit. The feeder will extend from a new (included) 30 amp breaker installed in the existing electrical distribution panel located in the electrical room (approximately 100 linear feet from the perimeter of the site) to the new supplemental air conditioning fan coil unit located above the ceiling of the Exam room and will be terminated in a manual disconnect (included).
3. The existing 120 volt duplex outlets throughout the site will remain as is, unchanged.

Lighting:

1. The existing lighting fixtures and circuits in the Control and Equipment rooms will remain as is, unchanged.
2. Reinstall the existing light fixtures in the Exam room. The existing light fixtures will be cleaned and re-lamped.
3. Furnish and install a total of four new incandescent light fixtures with dimmers in the Exam room. Connect to existing circuits located within or near the site.



Diagnostic Imaging System:

1. The existing electrical cable ducting, dividers, and covers and junction boxes, conduit, and fittings throughout the site will be used for the new diagnostic imaging equipment and will be supplemented with new electrical cable ducting, dividers and junction boxes, conduit, and fittings similar to the existing and if and to the extent necessary for the production of the work.
2. Furnish and install one 2-1/2" conduit for the ceiling-mounted injector and route from the injector location above the ceiling in the Exam room into a new 4" x 4" junction box with a cover (included) on the wall of the Control room.
3. Install only one new GE Healthcare main disconnect panel (catalog no. E4502AE) and the associated system emergency off button, both supplied by others.
4. The existing x-ray in use light and associated control panel will remain as is, unchanged.
5. Furnish and install the electrical connections (wire, conduit, and fittings) between the new diagnostic imaging system's power distribution unit and the diagnostic imaging system's new main disconnect panel.

Miscellaneous Electrical:

1. The existing telephone and computer data outlets will remain as is, unchanged.
2. The existing fire alarm, code blue, nurse call, and paging systems will remain as is, unchanged.

Work Option:

GE Healthcare's Customer may include the Work Option listed below at the price and in accordance with the Renovation Contract provisions. Customer is not obligated to include the specified Work Option at the time it executes the Renovation Contract, but it will not be available at the specified price if Customer does not do so.

Work Option #1

- a. Remove the existing diffusers, grills, and a portion of the existing HVAC ductwork from the Exam room. Clean and store the diffusers and grills for reinstallation.
- b. Remove portions of the existing fire sprinkler system components for the Exam room. Store those components for reinstallation.
- c. In lieu of performing item number 1 in the Ceilings section of Division 9, Reinstall the existing suspended acoustical ceiling grid and panels in the Control and Equipment rooms, and furnish and install supplemental acoustical ceiling panels and grid in those two rooms to replace those damaged by the production of the work. Furnish and install approximately 325 sq. ft. of 5/8" drywall ceiling in the Exam room with 1/16" lead shielding at a minimum height of 9'-0" above the finished floor, suspended from the existing building overhead support structure.
- d. Remove the existing drywall from the walls of the Exam room in the area between 7'-0" above the finished floor and 9'-0" above the finished floor. Furnish and install drywall with 1/16" lead



shielding on the walls of the Exam room in the area between 7'-0" above the finished floor to 9'-0" above the finished floor where the existing drywall was removed.

- e. Prime new drywall on the walls and ceiling in the Exam room, and paint those new wall portions and the new drywall ceiling with two coats of latex paint.
- f. Reinstall the removed fire sprinkler system piping and sprinkler heads in the Exam room, relocating and supplementing those components if and to the extent necessary for the production of the work.
- g. Reinstalling and relocating the removed supply and returns diffusers and furnishing and installing supplemental ductwork within the Exam room to the extent necessary for the production of the work.

Work Clarifications:

The following clarifications apply to the work:

- 1. GE Healthcare's Customer is responsible for ensuring the existing building structural system will support the loads imposed by the new overhead injector support and the injector attached to that overhead support and the new lead-lined ceiling in the Exam room if the Work Option is included.
- 2. GE Healthcare's Customer is responsible for ensuring the existing floor structures and building structural system will support the loads imposed by the work itself, the occupancy and use of the site and the new the diagnostic imaging system's components.
- 3. GE Healthcare's Customer is responsible for ensuring the new radiation (x-ray) shielding complies with all applicable regulatory requirements for the operation of the diagnostic imaging system(s) located within the site.
- 4. GE Healthcare's Customer is responsible for paying, at its expense, the fees associated with the processing of any state and local construction-related reviews, approvals, and permits needed for the production of the work.
- 5. Except for the new supplemental air conditioning fan coil unit included in the work, GE Healthcare's Customer is responsible for ensuring the existing heating, ventilating, and air conditioning systems for the site are adequate to support the new diagnostic imaging system, the work, and the occupancy/use indicated in the work drawings.

Exclusions:

The following items are not included in the work:

- 1. Any work that is not specifically included in other portions of this Scope of Work.
- 2. Structural design and/or facility modifications that may be necessary for reinforcement of the existing facility structural system.
- 3. Physicist radiation (x-ray) shielding surveys, survey reports, review calculations, and regulatory reports related to radiation (x-ray) shielding.
- 4. The services of an inspector of record for the work and any expenses associated therewith.



5. State and local building permits and associated fees, including any OSHPD submissions, fees, reviews, approvals and inspections that may be necessary.
6. Performance and payment bonds.
7. Americans with Disabilities Act (ADA) compliance upgrades to existing facility or other upgrades to the existing facility that may be required by existing or new governmental codes or regulations.
8. Asbestos testing, abatement or encapsulation work or work in bio-hazardous (including mold), toxic, radioactive, asbestos, and other high-risk environments.
9. Removal of existing equipment, furniture, and supplies from the site.
10. New or existing diagnostic equipment removal, delivery, rigging, or transportation.
11. Final site sterilization.
12. Modifications or additions to or the relocation of the existing utility and other facility services.
13. Except for the new supplemental air conditioning fan coil unit included in the work, any new heating, ventilating, and air conditioning systems or equipment, or modifications or repairs to the existing heating, ventilating, and air conditioning systems or equipment, including any humidification or filtration systems or components.
14. The Work Option, unless incorporated in accordance with the provisions of the Contract for the work.





CORRIDOR
SITE

TOILET

EQUIPMENT

EXISTING
MED GAS
EXAM
3 1R017

CONTROL

PRELIMINARY FLOOR PLAN
APPROX. 560 Sq. Ft.



PRELIMINARY PLANNING ONLY

PROJECT TITLE:

SAN MATEO MEDICAL CENTER
LIGHTSPEED VCT W/ GT1700 TABLE
SAN MATEO, CALIFORNIA
SCHEME NO.: 07SFG007a DRAWN BY: GDH/RFDATE: 8/15/07

THIS LAYOUT **MUST** BE APPROVED BEFORE
FINAL DRAWINGS CAN BE STARTED. THANK YOU

CUSTOMER _____ DATE: _____
GE INSTALL. SPECIALIST _____ DATE: _____



GE Healthcare

Installation Services

Milwaukee,

Wisconsin

GE EQUIPMENT LISTING

EQUIPMENT QUOTED FROM GE MEDICAL SYSTEMS
 PER QUOTE NO. XXX-XXXXXX DATED XX/XX/XX
 INSTALLED BY GEMS

ITEM NO.	↓	QUANTITY ORDERED	ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT
①		1	REAR CABLE COVER		
②		1	CT LightSpeed VCT	4100 lbs	43003 btu
③		1	GT1700 PATIENT TABLE WITH EXTENDED TABLE TOP.	881 lbs	703 btu
④		1	STORAGE CABINET		
⑤		1	ADVANTAGE WORKSTATION WITH TWO LCD MONITORS	81 lbs	1109 btu
⑥		1	INJECTOR CONTROL AND ELECTRONICS	22 lbs	320 btu
⑦		1	POWER DISTRIBUTION UNIT	701 lbs	3402 btu
⑧		1	INJECTOR HEAD ON OVERHEAD COUNTERPOISED SUSPENSION.	79 lbs	
⑨		1	OPERATOR'S CONSOLE / COMPUTER	493 lbs	8826 btu
⑩		1	OPERATOR'S CHAIR		

ANCILLARY ITEMS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO.

ITEM DESCRIPTION
(* INDICATES EXISTING)

60

MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS
44 IN. W x 83 IN. H [1118mm x 2108mm], CONTINGENT
ON A 96 IN. [2438mm] CORRIDOR WIDTH

61

X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY
CALL: 800-200-9760
GE CAT. NO. WXIABWW-OF-XIU

62

EXISTING COUNTEROP, SINK, BASE AND WALL CABINETS

63

EXISTING STORAGE CABINETS

THE FOLLOWING ITEMS ARE AVAILABLE FROM THE GE MEDICAL
SYSTEMS SERVICE DEPARTMENT. CONTACT YOUR LOCAL GE
MEDICAL SYSTEMS SERVICE REPRESENTATIVE FOR PRICING AND
AVAILABILITY OR CALL 1-800-558-2040.

90

MAIN DISCONNECT CONTROL
GEMS CAT. NO. E4502AE
125 lbs., SEE DETAIL E4502AE.

91

X-RAY ROOM WARNING LIGHT CONTROL PANEL
REFERENCE JUNCTION POINT 'WLC' ON SHEET 'E1'
FOR DETAILED DESCRIPTION -E4500AM FOR WARNING
LIGHT CONTROL ONLY.

THE CUSTOMER MUST PROVIDE ONE INTERNET ACCESSIBLE (VPN)
NETWORK CONNECTION UNLESS BASED UPON SYSTEM CONFIGURATION
THAT A DEDICATED DATA TELEPHONE LINE IS ACCEPTABLE

POWER SPECIFICATIONS

CT LightSpeed Pro 16 / RT / VCT

(REV. DATE 10/05/04)

VOLTAGE

PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS.
RANGE OF LINE VOLTAGES: NOMINAL LINE VOLTAGE OF 380 TO 480, 3 PHASE, 50 OR 60 Hz.

RECOMMENDED POWER SUPPLY: WYE-CONNECTED

MAXIMUM DAILY VOLTAGE VARIATION MUST FALL WITHIN ONE OF THE RANGES IN TABLE A.

TABLE A
ALLOWABLE
INPUT
VOLTAGES/
CURRENT
DEMAND

NOMINAL VOLTAGE	ABSOLUTE RANGE	CURRENT (AMPS)		MINIMUM STANDARD OVERCURRENT PROTECTION
		MOMENTARY	CONTINUOUS	
380	342-418	253	38	150-A
400	360-440	241	36	150-A
420	378-462	229	34	150-A
440	396-484	219	33	125-A
460	414-506	209	31	125-A
480	432-528	200	30	125-A

(ALL CALCULATIONS BASED UPON NOMINAL VOLTAGE)

PHASE- BALANCE.

PHASE-TO-PHASE VOLTAGES MUST BE WITHIN +2 PERCENT OF THE LOWEST PHASE-TO-PHASE VOLTAGE. MAXIMUM ALLOWABLE TRANSIENT VOLTAGE EXCURSIONS ARE 2.5 PERCENT OF RATED LINE VOLTAGE AT A MAXIMUM DURATION OF 1 CYCLE AND FREQUENCY OF 10 TIMES PER HOUR.

VOLTAGE TRANSIENT OR IMPULSE ON THE INCOMING POWER MUST BE HELD TO A MINIMUM. TRANSIENTS CAUSED BY LIGHTNING, SURGES, LOAD SWITCHING, STATIC ELECTRICITY ETC. CAN CAUSE SCAN ABORTS OR, IN EXTREME INSTANCES, COMPONENT FAILURE IN THE COMPUTER SUBSYSTEM.

POWER DEMAND

CONTINUOUS POWER DEMAND = 25 KVA (MAX DEMAND = 150 KVA)

TABLE B
MAXIMUM
MOMENTARY
POWER
DEMAND.

DEMAND	CT HiSpeed
kVa *	150
POWER FACTOR AT	0.85

* DEMAND INCLUDES POWER FOR ENTIRE CT SYSTEM.
LINE VOLTAGE REGULATION AT MAXIMUM POWER DEMAND
MUST BE LESS THAN OR EQUAL TO 6 PERCENT.

DISTRIBUTION TRANSFORMER

FOR A SINGLE UNIT INSTALLATION, THE MINIMUM TRANSFORMER SIZE IS 225 KVA. GE DOES NOT RECOMMEND USING A REGULATION DEVICE.

NOTE: THE CT SYSTEM MUST NOT BE POWERED IN A MULTIPLE INSTALLATION WHERE FILM CHANGERS ARE USED. FILM CHANGERS UTILIZE A LARGE NUMBER OF HIGH POWERED CLOSELY SPACED EXPOSURES WHICH MAY COINCIDE WITH THE CT SCAN.



Preliminary Project Schedule for:
San Mateo County Medical Center - San Mateo, California
Site Preparation for a LightSpeed/BrightSpeed CT System

GE Project No. 69070131

August 20, 2007

