



Department of
Veterans Affairs

Office of Construction & Facilities Management

MAY 2009

Lease Based Outpatient Clinic

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appendix B



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DEPARTMENT OF VETERANS AFFAIRS

OUTPATIENT CLINIC

[INSERT LOCATION OF FACILITY]

MINIMUM _____ NET USABLE SQUARE FEET

NAME: _____
TITLE: Contracting Officer

NAME: _____
TITLE: Project Manager

Offers are solicited under Section 40 U.S.C. 490(H)(1), AS AMENDED, AND Section 1 of the Reorganization Plan of 1950 (40 U.S.C. 490 Note).

The information collection requirements contained in this Solicitation/Contract that are not required by regulation, have been approved by the Office of Management and Budget pursuant to the Paperwork Reduction Act and assigned the OMB Control No. 3090-0163.

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PART I

BASIC SOLICITATION REQUIREMENTS

PART I. BASIC SOLICITATION REQUIREMENTS

SECTION 1 SUMMARY

1.1 AMOUNT AND TYPE OF SPACE

The Department of Veterans Affairs (VA) is proposing to lease **a minimum of [_____] to a maximum of [_____] Net Usable Square Feet (NUSF)** of space for use by VA for personnel, furnishings, and equipment. Space shall be located in a quality //new// building, constructed of sound and substantial construction, and shall be in compliance with all of the Government’s minimum requirements set forth in this Solicitation for Offers (Solicitation or SFO). Space must be adjoining //and be located on one floor.// //and be on no more than two (2) contiguous floors.//

Detailed definition of Net Usable Square Feet can be found in Paragraph 3.14 of this Solicitation. Unless otherwise noted, all references in this SFO to square feet shall mean Net Usable Square Feet.

1.2 SITE LOCATION

//The site is located at [_____]. A plat and legal description can be found as part of the Assignable Option to Purchase, which is located in the Site Specific section of this Solicitation.

Property is **not** within the 100-year base flood plain as defined and certified by FEMA and/or the local jurisdictions.//

//To be considered, the site offered must be within the following delineated area:

[insert boundary description]

Property within the 100-year base flood plain as determined by FEMA shall **not** be considered.//

1.3 QUALITY OF SPACE

The Offeror shall design and construct a building to suit the Government’s requirements. //The Government may consider space in existing buildings of sound and substantial construction which can be made adaptable as modern office and outpatient space. If not in a new building, the space offered must be in a building that has undergone, or will undergo by occupancy, restoration of adaptive reuse for office and outpatient space with modern conveniences. If the restoration work is underway or proposed, then design or construction documents acceptable to the Contracting Officer must be submitted as part of the offer. Acceptability of the proposed building will be judged against all the requirements of this SFO. Buildings which have incurable functional obsolescence and/or are unsuitable in configuration for medical space floor plan layout may be rejected by the Contracting Officer.//

The site, site improvements, building, interior spaces and finishes, and Lessor-furnished equipment and special construction shall be provided in accordance with this SFO, all applicable Federal requirements, local Building Codes and ordinances, and applicable utility company requirements.

Site, site improvements, building, interior construction, and equipment shall comply with General Design Criteria as enumerated in SECTION 4, including Codes and Standards, criteria unique to VA, Fire, and Life Safety requirements, Environmental requirements, Accessibility Standards, OSHA requirements, and Energy Efficiency and Sustainable Design.

1.3.1 QUALITY OF SITE DEVELOPMENT

Site development including landscaping, site amenities, utility systems, and exterior signage shall comply with the requirements enumerated in SECTION 5 of this SFO.

On-site vehicle parking spaces, paved and striped, must be provided for use by patients, staff and official Government vehicles, and must be included as part of the rental consideration. The Lessor must provide the greater of the following: the number of parking spaces required by local building or zoning regulations, or the number of parking spaces indicated in SECTION 5.

Pedestrian circulation and site amenities shall be provided as required by SECTION 5 of this SFO.

1.3.2 QUALITY OF BUILDING

The space offered shall be of shape and dimensions that will accommodate the space program and interior functional requirements of VA Outpatient Clinic.

The space offered shall be in a building of sound and substantial construction in accordance with the technical requirements of this solicitation.

The space offered shall be located in a new //or modern// building with facade of stone, brick, aluminum curtain wall, or other permanent materials. The exterior building materials shall be subject to technical and aesthetic review and approval of the Contracting Officer. The building shall be compatible with its surroundings. Overall, the building must project a professional and aesthetically pleasing appearance. Building systems, interior spaces and finishes, and Lessor furnished equipment and special construction shall comply with the requirements enumerated in SECTION 6 and SECTION 7; and Schedule B and Schedule E of this SFO.

1.3.3 SPECIAL REQUIREMENTS

- Physical security features shall comply with requirements for "Life Safety Protected" occupancies as enumerated in this SFO.
- Natural disasters resistive features shall comply with the requirements enumerated in this SFO.
- Sustainability and energy efficiency features shall comply with the requirements enumerated in this SFO.
- Comply with Centers for Disease Control (CDC) requirements for Tuberculosis.

- //Comply with US Pharmacopeia Chapter <797> for sterile preparation areas as enumerated in this SFO.//

1.4 TERM

Proposals are invited based on a //15-year term// //15-year firm term, with one 5-year renewal option// //20-year term//. All the terms and conditions contained herein shall prevail throughout the term of the lease including all renewal options.

1.5 OFFER DUE

Offers are due by [insert date], and must remain open until [insert date].

1.6 OCCUPANCY DATE

Occupancy is required by [insert date].

1.7 HOW TO OFFER

Offer must be received by the Contracting Officer at the location stated below, no later than 4:00 PM, ET on the date specified in Paragraph 1.5 above:

Express Mail or Hand Delivered

Department of Veterans Affairs
Real Property Service (00CFM3C)
ATTN: Room [#]
811 Vermont Avenue, NW
Washington, DC 20005

1.7.1 DOCUMENTS TO SUBMIT WITH OFFER

Offers shall be submitted to VA at the above referenced location in two (2) separate Volumes. Offers shall be properly signed, initialed, converted to a PDF file and indexed with bookmarks, and submitted on compact discs. Each compact disc shall be marked appropriately: Volume 1-Technical Proposal and Volume 2-Price Proposal.

In addition to the requested number of submission packages listed below, Offerors will submit one original hard copy and one compact disc of each Volume to [VA Broker] at the above address; the original hard copy shall be properly signed, initialed, indexed and packaged in 3-ring binders marked, Volume 1-Technical Proposal and Volume 2-Price Proposal.

Offers shall consist of the following documents:

Volume 1-Technical Proposal (6 discs)

- Plans, written narratives, design concept, calculations, mechanical and electrical systems, and energy efficiency of the proposed building as described in Paragraphs 10.7, 10.8, and 10.9 of the Solicitation;
- Building Operating Plan as described in Paragraph 8.4 of the Solicitation;
- Detailed Operations and Maintenance Plan narrative and completed FMA Worksheet as described in Schedule A;
- GSA Form 527, Contractor's Qualifications and Financial Information;
- GSA Form 330, Architect-Engineer Qualifications;
- Past Performance Survey Form;
- Basic Solicitation and Amendments, if applicable;
- PART VI Labor Standard Provisions;
- GSA Form 3516A, Solicitation Provisions;
- 3517B, General Clauses;
- 3518, Representations and Certifications;
- Certification of Building Energy Performance
- A proposed sustainable checklist identifying targeted solutions to meet LEED® Silver equivalency. Along with the proposed checklist, the Offeror shall submit a brief statement outlining how each of the LEED® credits proposed will be achieved.
- //Evidence of compliance with Seismic criteria as described in Paragraph 6.1 STRUCTURAL of the Solicitation.//
- Information that addresses any other award factors which are listed in Paragraph 2.2 of the Solicitation.

Volume 2-Price Proposal (2 discs)

- GSA Form 1364A, Proposal to Lease Space;
- GSA Form 1217, Lessor's Annual Cost Statement;
- An itemized cost for all individual items in Schedule B, including Parts III, IV, and V;
- A list of Unit Costs for Adjustments (Part IV Schedule C Exhibit A), and a list of Unit Prices for Alterations (Part IV Schedule C Exhibit B). Refer to Paragraphs 3.2 and 3.3; and Certificate of Current Cost.
- Two (2) hard copies of drawings and renderings as described in Paragraphs 10.7, 10.8, and 10.9 in SECTION 10 INSTRUCTIONS AND PREPARATION shall be provided.

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- Bid Summary Form (Part V Schedule D).
- Information that addresses any other award factors which are listed in the solicitation Paragraph 2.2 of the Solicitation.

1.7.2 INSTRUCTIONS AND ADDITIONAL INFORMATION

Instructions for preparation of the offer can be found in SECTION 10 INSTRUCTIONS AND PREPARATION of this part of the Solicitation and GSA Form 3516A, Solicitation Provisions (located in PART VII). If additional information is needed, the Contracting Officer should be contacted.

[Insert Contracting Officer name and contact information]

Phone: []
 Fax: []
 E-mail: []

1.7.3 OPENING OF OFFERS

There will be no public opening of the offer, and all information will be confidential until the lease has been awarded. However, the Government may release the proposal outside the Government to a Government support contractor to assist in the evaluation of the proposal. Such Government contractors shall be required to protect the data from unauthorized disclosure. If you desire to maximize protection of information in your offer, you may apply the restriction notice to your offer as prescribed in the provision entitled "552.270-1(d)(1) & (2), Instructions to Offerors" (see GSA Form 3516A, Solicitation Provisions, page 3).

1.8 PROPOSALS

1.8.1 RENTABLE SQUARE FEET

Offerors shall submit the total rentable square feet (RSF) of the building and a cost per rentable square foot. The submission of a rentable square foot cost is required for scoring purposes to determine if the proposed lease is a capital or operating lease.

NOTE: Definitions for rentable and net usable square feet are located in Paragraph 3.14 RENTABLE AND NET USABLE SQUARE FEET of this solicitation.

1.8.2 SPECIAL EQUIPMENT

Offerors shall submit cost proposals for all special equipment requirements set forth in Schedule B.

1.8.3 NET USABLE SQUARE FEET RATES

For evaluation and negotiation purposes, the offer shall state the following on GSA Form 1364A, Proposal to Lease Space:

A NUSF rental rate that **includes** the costs of all special equipment and other requirements described in Schedule B and Janitorial.

A NUSF rental rate that **excludes** the costs of all special equipment and other requirements described in Schedule B, but includes Janitorial.

Cost per NUSF for Janitorial Services.

A lump-sum payment cost for all special equipment and other requirements described in Schedule B.

Offerors shall provide cost for all methods of evaluation in order to be considered for award. VA may elect the option it deems most favorable.

NOTE: WHEN PRICING SCHEDULE B, THE OFFEROR MUST PROVIDE A SEPARATE COST FOR EACH LINE ITEM OF THE SPECIAL EQUIPMENT AND REQUIREMENTS DESCRIBED. ALSO, REPRESENTATIONAL PRICING OF EACH PROGRAM AREA MUST BE PROVIDED ON THE SCHEDULE B "SUMMARY PRICE SHEET." THE SUMMARY PRICE SHEET ALSO INCLUDES A SEPARATE AREA FOR PROFIT AND OVERHEAD TO ARRIVE AT A TOTAL SCHEDULE B COST. SUMMARY COST SHEET MUST BE SIGNED BY THE OFFEROR.

Offerors who do not offer cost proposals as stated in Paragraphs 1.8.2 and 1.8.3 above will be rejected as unacceptable.

1.9 BONDS

All sureties must be listed in the Department of Treasury Circular 570 Approved Surety List. Standard Form 24 (Bid Bond) and Standard Form 25 (Performance Bond) must be used in accordance with FAR 28.106-1. Copies of the forms are included in PART VII of this Solicitation or forms may be acquired by visiting the GSA Forms Library Website at <http://www.gsa.gov/Portal/gsa/ep/formslibrary.do?formType=SF>. The Government shall have the right to approve or reject any and all terms and conditions of any and all bonds obtained by the Offeror pursuant to this Solicitation. In addition, the terms and conditions of the Bond(s) shall be subject to the prior approval of the Government.

1.9.1 BID BOND

To assure the faithful execution of the terms and conditions of the agreement, each Offeror shall submit a Bid Bond with their initial offer. Offers without Bid Bonds will not be considered. The Bond shall remain in effect until a Performance Bond becomes effective should the Offeror be successful, or until VA has notified the Offeror that his proposal is no longer under consideration by VA. A surety company holding a certificate of authority from the Secretary of the Treasury as acceptable surety will execute the Bond. A verifax or other facsimile copy of the agent's authority to sign bonds for the Surety Company shall accompany the Bond. The Offeror shall furnish a proposal guarantee in the form of a Bid Bond supported by good and sufficient surety acceptable to the Government. The amount of the Bid Bond guarantee shall be in the amount of \$100,000. Acceptable alternate bonding protection will be in accordance with FAR 28.204-1 United States Bonds or Notes, or FAR 28.204-3 Irrevocable Letter of Credit (ILC). Invalid bonds may be grounds to render your proposal non-responsive and will not be eligible for an award. Once an award has been made all original Bid Bonds will be returned, except for the successful Offeror whose Bid Bond will be required to remain in full force until such time as a Performance Bond has been received and accepted by the Government.

1.9.2 PERFORMANCE BOND

The successful Offeror shall provide a Performance Bond for 100% of the original contract price no later than 60 days from VA's final review and written approval of the completed construction documents. The Performance Bond shall remain in effect until the Government accepts the space for occupancy. The United States of America, acting through the Secretary of the Department of Veterans Affairs, shall be named as co-beneficiary on the Bond obtained by the Offeror.

1.10 DAVIS BACON WAGES

The wages to be paid during performance under this lease contract must conform to the Department of Labor's General Wage Decision No. [insert number], dated [insert date], and as may be amended during the period of construction of the leased premises. A copy of the standards is provided in PART VI of this Solicitation. It is the Lessor's responsibility to obtain and maintain the most current rates.

1.11 //SITE SELECTION CRITERIA//

//The Site offered must meet the following minimum characteristics:

- Be able to accommodate the proposed building and provide the required amount of appropriately located parking with appropriate vehicular circulation, loading dock and service vehicle access, emergency vehicle (ambulance) access and entry, building utility equipment (chillers, emergency generator, fuel tanks, etc.), safe ways of passage for pedestrians, barrier-free access to public entrances, and adequate open space with landscaping to complement the architecture and create a pleasing outdoor environment.
- Any configurations will be considered, provided the space can adequately accommodate the building program, design requirements, and designated activities.
- Topography shall be without steep grades and shall not be affected by the 100-year flood plain as mapped by FEMA, rock outcroppings, or adverse subsurface conditions.
- Be free of environmental hazards or restrictions. A Phase 1 Environmental Assessment may be requested by the Contracting Officer, if deemed necessary.
- Provide proof of ownership and chain of title through a current title report. Provide proof that all encumbrances have been addressed or identified in a current title report; current within 90 days.
- Provide prominent visibility of the facility from major public thoroughfares.
- Main ingress/egress for on-site pedestrian and vehicular circulation shall be easily accessible from major public thoroughfares.
- Regularly scheduled public transportation shall be available within ¼ mile (1,320 feet) of the OPC site.

- // //Laboratory and x-ray// //[_____]// facilities must be available within //2 miles// //[_____]// of the outpatient clinic site.//
- [Insert other factors as necessary]//

SECTION 2 COMMUNICATIONS AND AWARD**2.1 //ORAL PRESENTATIONS**

Oral presentations may be made to augment written information. Oral presentations will not be required unless specifically requested by the Government in writing. Oral presentations may occur at any time during the acquisition process and are subject to the same restrictions as written information with regard to timing and content. Information pertaining to areas such as an Offeror's capability to perform, past performance, key personnel resources, work plan approaches, etc., may be suitable for oral presentations. Should the Government require an oral presentation, the Offeror will be provided with (1) sufficient information to prepare them, including the types of information to be presented and the associated evaluation factors that will be used; (2) the qualifications for personnel that will conduct the oral presentation; (3) the requirement for, and any limitations and/or prohibitions on, the use of written material or other media to supplement the oral presentation; (4) the location, date, and time for the oral presentation; (5) the restrictions governing the time permitted for each oral presentation; and (6) the scope and content of exchanges that may occur between the Government and the Offeror as part of the oral presentation.//

2.2 EVALUATION OF OFFERS

The Contracting Officer will evaluate all proposals to assess the Offeror's ability to perform the contract successfully. The evaluation will be conducted solely on the factors and sub-factors specified in this Solicitation which are listed in descending order of importance. All sub-factors are also listed in descending order of importance.

Evaluation of offers and subsequent award will be made on the basis of the following factors: (1) the annual price per net usable square foot, including any option period; (2) technical quality, including the quality of the building and the design concept; (3) the Offeror's qualifications, including past performance; and (4) the adequacy and efficiency of the Operations and Maintenance Plans.

The technical evaluation factors other than cost or price, when combined, are //significantly less important than// //more important than// //approximately equal to// cost or price.

2.2.1 PRICE EVALUATION

The basic price offered will be the rate per Net Usable Square Foot (NUSF). Refer to Paragraph 3.14 of this Solicitation for a definition of NUSF. This price shall be used to determine the total annual rental to be paid, adjusted for any discrepancies in the quantity of space delivered against the amount offered and accepted, as described elsewhere in this Solicitation.

Annual CPI adjustments in operating expenses will be made if the Offeror so indicates on GSA Form 1364A. The Offeror shall be required to submit the offer with the total "gross" annual price per NUSF and a breakout of the "base" price per NUSF for services and utilities (operating expenses) to be provided by the Lessor. The net and base prices combined are the total "gross" annual per square foot price offered. The base price from which adjustments are made will be the base price for the term of the lease, including any option periods. The "gross" price shall include the "base" price.

A. Present Value Price Evaluation

Evaluation of offered prices will be on the basis of the annual price per NUSF, including any option periods. The Government will perform present value price evaluation by reducing the prices per NUSF to a composite annual square foot price, as follows:

Parking and wareyard areas will be excluded from the total square footage, but not from the price.

The annual per square foot price minus the base cost of operating expenses (line 27 of GSA Form 1217) will be discounted annually at 4.9% to yield a net present value cost (PVC) per square foot. The operating expenses will be both escalated at 4% compounded annually and discounted annually at 4.9%, then added to the net PVC to yield the gross PVC.

To the gross PVC will be added:

- The cost of Government-provided services not included in the rental escalated at 4% compounded annually and discounted annually at 4.9%.
- The annualized cost per NUSF, over the full term of the lease, including the renewal option(s), for all Schedule B items, which will be reimbursed to the Lessor by lump sum payment. (The cost of these items is present value; therefore, it will not be discounted.)
- The cost of relocation of furniture and telecommunications, if applicable.
- The sum of the above will be the per NUSF present value of the offer for price evaluation purposes.

2.2.2 TECHNICAL QUALITY

The technical quality factor includes the quality of the building design and systems, site development, and the overall design concept. The Offeror is required to submit drawings, narratives, and calculations that address this factor and all of its sub-factors. Submittal requirements for these materials are in SECTION 10.

A. Quality of Building & Design Concept

VA will evaluate the materials, systems, and design of the proposed building using the following factors.

(1) Architectural Concept

This factor considers the interior functional and spatial relationships shown in the Offeror's floor plan. The space offered shall be of shape and dimensions that will accommodate the space program and interior functional requirements of VA Outpatient Clinic. Consideration will be given to the number and size of floors, column placement, shape of footprint, circulation systems, and placement of mechanical, plumbing, and electrical service spaces. The Contracting Officer will reject buildings that are unsuitable in configuration for VA clinic space.

(2) Building Design

The exterior design shall be subject to technical and aesthetic review and approval of the Contracting Officer. The building shall be new // or modern// construction of permanent materials and shall be compatible with its surroundings. Acceptable facades include stone, marble, brick, stainless steel or aluminum curtain wall systems, or other permanent materials.

Overall, the building must project a professional and aesthetically pleasing appearance. Site and building design shall present a clear and direct entry sequence for patients and visitors.

(3) *Sustainable Design and Energy Efficiency*

The building envelope and systems will be evaluated for compliance with the requirements of Paragraphs 4.2.1B Mandatory Provisions for Energy Conservation and 4.8 SUSTAINABLE DESIGN AND ENERGY EFFICIENCY. Drawings, specifications, calculations, and narrative(s) submitted in accordance with SECTION 10 will be evaluated for compliance with requirements for sustainable design and energy efficiency. Reasonable innovation in this area will be looked upon favorably.

(4) *Quality of Construction Materials*

Construction materials and building equipment and systems will be evaluated with respect to their performance, durability, quality, and suitability for their intended use. All materials and building equipment and systems must meet or exceed the requirements of this solicitation.

B. Quality of Site Development

This factor considers the Offeror's development of the site to accommodate VA's conceptual building footprint including the required setbacks; the ingresses and egresses to and from the main (public), emergency, and staff entrances; and loading dock and service entrances; accessible parking lots and walkways; traffic patterns to maximize the flow of vehicles to and from the main thoroughfare; and how the landscaping design fits the surrounding areas, adheres to local landscaping codes, and provides an aesthetically pleasing atmosphere.

C. Site Physical Security

A physical security plan will be provided that provides summary information used to describe safeguard and security programs and vulnerability and risk assessments to the facility. The plan's intent is to assist with management of facility program elements and resources related to threats and risks. Provide detailed information of facility security program, equipment, and strategies. Plan should include at a minimum:

- Definition of assumed threat against which the system is providing protection
- Risk and VA assessment
- Conclusions and assumptions
- Protection strategy
- Graded postures for increased threat conditions
- Implementing requirements and evidence files.

This plan should be reviewed and modified as necessary every 12 months and submitted for management review.

2.2.3 OPERATIONS AND MAINTENANCE PLAN

The following evaluation criteria will consider the adequacy and efficiency of the proposed Operations and Maintenance Plan to maintain standards of cleanliness, orderliness, and repair for the entire proposed facility. Each sub-factor must be addressed in narrative or chart format. The Plan will be evaluated as a whole and must address at a minimum:

- Interior and Exterior Maintenance of Building and Grounds
- Routine and Emergency Calls - Procedures and Response Times

- Staffing Plan, Administrative Procedures, and Quality Control Plan

2.2.4 EVIDENCE OF CAPABILITY TO PERFORM PRIOR TO AWARD

At the time of submission of offers, Offerors shall submit to the Contracting Officer:

A. Past Performance

Include the following information for each contract and subcontract performed by the Offeror and key personnel during the past three (3) years, as well as those contracts and subcontracts currently in progress. A separate record must be completed for each contract and subcontract. A Past Performance Survey Form is located in the FORMS part of this SFO and includes the following:

- Name and Address of Contracting Activity
- Contract Number
- Type of Contract
- Total Contract Amount and Status
- Date of Award and Date of Completion
- Description and Location of Contract Work
- List of Major Subcontractors
- Contracting Officer or Individual Responsible for Signing Contract and Telephone/FAX Numbers
- Project Manager and Telephone/FAX Numbers
- Resident Engineer/Contracting Officer's Technical Representative or Construction Supervisor and Telephone/FAX Numbers
- Administrative Contracting Officer or Individual Responsible for Administering the Contract (if different from Contracting Officer above) and Telephone/FAX Numbers

The Offeror must provide examples of past performance and experience, as a prime contractor, in successfully building, renovating, and maintaining facilities comparable in size and complexity to the one described in this Solicitation. Consideration will be given to:

- Timeliness of Performance
- Cost Control
- Effective Management
- Customer Satisfaction
- Quality Awards
- The Technical Success of the Project

The Offeror must also provide a list of references for the Offeror, key personnel, and construction contractor. References may be business, financial, and/or personal, and may include letters of recommendation or commendation, awards or certifications that indicate Offeror possesses a high quality process for developing and providing the final project or service.

The Offeror must submit the name and qualifications of the proposed Commissioning Provider. Include relevant experience and references. The Commissioning Provider must be approved by the Contracting Officer.

B. Financial Resources

Provide satisfactory evidence of at least a conditional commitment of funds in an amount necessary to prepare and/or construct the space. Such commitment must be signed by an authorized bank officer or other financial institution and, at a minimum, must state:

- Amount of Loan
- Term in Years
- Annual Percentage Rate
- Length of Loan Commitment
- Name of the Principal(s) Involved
- The Purpose of the Loan

In the case an Offeror is requested to submit a Best and Final Offer, the Offeror shall submit evidence of a firm commitment of funds in an amount sufficient to perform the work with the final offer.

With the initial offer, provide satisfactory evidence of financial resources sufficient to prosecute the work. Such evidence may be one of the following:

- A Statement of Financial Condition
- Personal or Business Financial Statements, including Balance Sheets, and Profit and Loss Statements
- Investment Schedule
- Note Payable Schedule
- Previous Year's Federal Tax Return
- Annual Report

If requested, more information must be provided.

C. Design Team Qualifications

Provide a completed SF 330, "Architect-Engineer Qualifications" for each individual or firm on the Lessor's design team. Identify key personnel that are to be committed to the project. In Part I, Section H of SF 330, provide a description of outstanding commitments for each firm and key personnel. As a minimum, the design team shall include entities providing the following services: Architecture, Civil Engineering, Mechanical Engineering, Fire Protection, Electrical Engineering, Interior Design, and appropriate Low Voltage Engineering (Structured Telecommunications Cabling, Security, Audio Visual, and Special Systems).

Provide a copy of the license or certification of the individual(s) and/or firm(s), providing architectural and engineering design services, proving their ability to practice in the state where the facility is located. Low-voltage designers shall be BICSI-certified for structural cabling, and shall have OEM credentials for the Special Systems listed in 6.8.1.G, Special Systems Specific Requirements.

Lessor shall maintain the same design team for the duration of the design development and construction process. Design team firm and key personnel shall not be changed without prior approval by the Contracting Officer.

D. Contractor Qualifications

Provide a completed GSA Form 527, "Contractor's Qualifications and Financial Information" for the General Contractor, Mechanical Contractor, and Electrical Contractor; except Section V need not be completed. In Section VII of Form 527, provide a description of outstanding commitments, names and qualifications of key personnel, and any other information related to experience, competency, and performance capabilities with construction projects similar in scope to that which is required herein. (Refer to 2.2.4A Past Performance requirements as stated above.)

Provide a copy of the license in the state where the facility is located for the individual(s) and/or firm(s) proposed as contractors. If the Lessor is also the Contractor, information provided in response to paragraphs Past Performance and Financial Resources above need not be duplicated.

2.2.5 ZONING REQUIREMENTS

//Provide evidence of compliance with local zoning laws or evidence of variance, if any, approved by the proper local authority. Provide evidence of compliance with any specific zoning conditions that may be required in order to develop the property. At the discretion of the Contracting Officer, other forms of documentation demonstrating the probability of receiving such variances may be acceptable.//

2.2.6 CONTROL OF PROPERTY

//Provide written documentation that you will comply with the assignable option for purchase //lease/// of the land and any covenants and declarations associated with the land.//

//Provide documentation proving evidence of ownership or control of the site. Ownership or control must, at a minimum, be until the Government vacates the premises. Documentation that constitutes evidence of control includes, but is not limited to:

- An Option To Purchase
- A Sales Contract
- A Fee Simple Deed
- An Option To Lease Property For Longer Than the Duration of the Lease Term Including All Renewal Options//

2.3 EVIDENCE OF CAPABILITY TO PERFORM AFTER AWARD

Within //60// //90// calendar days after award, the successful Offeror/Lessor shall provide the Contracting Officer with evidence of the following:

A firm commitment of funds in an amount sufficient to perform the work.

Satisfactory title showing fee simple ownership of the property, or an option to lease property for longer than the duration of the lease term, including all renewal options. Fee simple title or option to lease must be free of any encumbrances that may limit the rights, responsibilities or liabilities of the parties to the VA lease.

FAILURE TO MEET ANY OR ALL OF THE REQUIREMENTS AS SET FORTH IN PARAGRAPHS 2.2.4 AND 2.3 INCLUDING SUB-PARAGRAPHS, WITHIN THE SPECIFIED TIMEFRAMES SHALL BE A BASIS FOR DETERMINATION OF NON-RESPONSIBILITY OR FOR TERMINATION OF THE CONTRACT FOR DEFAULT.

FAILURE ON THE PART OF THE GOVERNMENT TO ENFORCE ITS RIGHTS TO DECLARE A DEFAULT WILL NOT BE DEEMED A WAIVER OF ANY OF THE GOVERNMENT'S RIGHTS UNDER THIS SOLICITATION.

2.4 INITIAL OFFERS; COMMUNICATIONS WITH OFFERORS

VA may initiate action to award a contract at any point after review of the initial offers. Therefore, offers should reflect the Offeror's best terms both from a technical and cost standpoint.

After receipt and evaluation of initial proposals, the Contracting Officer may communicate with Offerors to establish the competitive range. Communications shall be limited to Offerors:

- Whose past performance information is the determining factor preventing them from being placed within the competitive range
- Whose exclusion from, or inclusion in, the competitive range is uncertain

2.5 COMPETITIVE RANGE

After evaluating all proposals in accordance with Paragraph 2.2 above based on the ratings of each proposal against all evaluation criteria, if the Contracting Officer cannot make an award, a competitive range comprised of all the most highly rated proposals will be established. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals.

2.6 NEGOTIATIONS

VA will negotiate only with those Offerors who have been placed in the competitive range as established under procedures at Paragraph 2.5 above. VA Contracting Officer will conduct negotiations on behalf of the Government in order to obtain the best value to the Government. Other VA personnel, including the Contracting Officer's Representative named on the cover of this Solicitation, may assist the Contracting Officer.

2.7 AWARD

2.7.1 BEST VALUE

The lease will be awarded to the Offeror whose offer represents the best value to the Government, price and other factors considered. For this procurement, price is //equal to// //less important than // //more important than// technical factors. An award will be made based on a comparative assessment of proposals against all selection criteria in the Solicitation.

To be considered for award, an Offeror must agree to provide a complete facility that meets all technical requirements and specifications set out in this Solicitation. The requirements and specifications contained in this Solicitation are mandatory.

2.7.2 LEASE COMPONENTS

At a minimum, the proposed lease shall consist of:

- Standard Form 2 - U.S. Government Lease for Real Property
- Form 3517B, General Clauses
- Form 3518, Representations and Certifications
- Form 3516A, Solicitation Provisions
- Property Management Agreement
- All the provisions of the SFO
- The pertinent provisions of the offer

NOTE: For purposes of release of information under the Freedom of Information Act (FOIA) or other applicable statutes or regulations, the individual itemized costs as set forth in Schedule B and other proprietary information are considered procurement-sensitive information and **are not** subject to release.

2.7.3 AWARD

The award by the Government occurs upon execution of the lease by VA Contracting Officer and issuance of a letter by VA Contracting Officer indicating that the Government accepts the Offeror's proposal.

If an award is not made based on the initial proposals, the following process will occur:

Each Offeror still in the competitive range will be given an opportunity to submit a "final proposal revision" to clarify and document understandings reached during negotiations. Once final proposal revisions are received, all discussions will cease.

After the conclusion of negotiations and a review of final proposal revisions are completed, the Contracting Officer may award the lease.

SECTION 3 MISCELLANEOUS**3.1 SUBSTITUTIONS FOR SPECIFIC BRAND NAMES**

When specific equipment is cited using the brand name, model number, etc., a comparable or equal product may be provided in lieu of cited equipment in accordance with the Brand Name clause provided in Schedule B of the Solicitation. Any substitutions need to be approved by the Contracting Officer or his/her designee.

3.2 UNIT COSTS FOR ADJUSTMENTS

Schedule E of this Solicitation indicates various types of materials anticipated for floors, walls, and ceilings. Additionally, several paragraphs in this Solicitation specify means for determining quantities of materials not specified in Schedule E. Government projections of these various materials have been made to assist the Offeror in cost estimating and have been included on Section 1 of Schedule C. Actual quantities may not be determined until after the lease is awarded and the space layout completed. To enable an equitable settlement if the final Government layout departs from the projection, the quantities specified on Section 1 of Schedule C are to be included in the per square foot rate being proposed. A unit cost for each of these materials is required. VA will use each unit cost to make a lump sum payment at time of acceptance of the building or to negotiate a rental increase if the amount of material required by the layout is more than specified. If the amount of material is less than specified, VA will take credit from the initial rental payment.

3.3 UNIT PRICES FOR ALTERATIONS OF \$100,000 OR LESS

The Offeror is required to submit a list of "Unit Prices for Alterations" for any alterations required during the first year. This list will be used, after acceptance by VA, for contracts for alterations costing \$100,000 or less. These prices may be indexed or re-negotiated to apply to subsequent years of the lease upon mutual agreement of the Lessor and Government. (Use Schedule C for this purpose.)

Prices for changes in quantities of the types or styles of finish materials requested by the Government shall be computed using the unit costs for the materials in question from Section 1 of Schedule C.

Where unit prices for alterations are not available, the Lessor may be requested to provide a price proposal for the alterations. Orders will be placed by issuance of a GSA Form 276, Supplemental Lease Agreement. The clauses entitled "GSAR 552.232-75, Prompt Payment (SEP 1999)," "GSAR 552.232-70, Invoice Requirements (Variation) (SEP 1999)," and "GSAR 552.232-76, Electronic Funds Transfer Payment (MAR 2000) (Variation)" apply to orders for alterations (See GSA Form 3517B). All orders are subject to the terms and conditions of the lease.

Orders may be placed by the Contracting Officer or other authorized representatives when specifically authorized to do so by the Contracting Officer. The Contracting Officer will provide the Lessor with a list of agency officials authorized to place orders and will specify any limitations on the authority delegated to agency officials. The agency officials are not authorized to deal with the Lessor on any other matters.

3.4 SPECIAL WORK (INSTALLATIONS AND ALTERATIONS)

The Government may require special installations in the space, such as computer rooms, vaults, or laboratories containing special air conditioning and heating controls, flooring and various electrical, plumbing, and mechanical facilities, and equipment not otherwise specified in this Solicitation. The Government reserves the right to contract separately for such facilities, equipment and/or installations; or it may require the Offeror to perform such work. In the event the Government requires the Offeror to complete such installations, the Offeror will be required to submit a cost estimate to the Contracting Officer within 30 days after receipt of complete specifications for the special installation.

If the Government contracts with the Offeror to effect such installations, payment will be made on a lump-sum basis or through increased rental payments at the Government's option. (Increased rental payments will recognize residual values to the Owner and will include interest, if any, at a rate not in excess of the first mortgage.) In connection therewith, the successful Offeror will be required to accomplish such work on an actual cost basis, and the Government payment, therefore, will be computed on the basis of such.

The successful Offeror will be required to submit, not later than 30 days prior to the date of delivery and occupancy of the space and every year thereafter during the term of the lease, unit prices for such repetitive alteration work items such as (1) installation of electrical outlets, (2) installation of telephone/data outlets, (3) erection and/or relocation of movable partitions, (4) lighting changes, and (5) special painting.

3.5 TAX ADJUSTMENTS

3.5.1 PURPOSE

This paragraph provides for adjustment in the rent ("Tax Adjustment") to account for increases or decreases in Real Estate Taxes for the Property after the establishment of the Real Estate Tax Base, as those terms are defined herein. Tax Adjustments shall be calculated in accordance with this Clause.

3.5.2 DEFINITIONS

The following definitions apply to the use of capitalized terms within this paragraph:

"Property" is the land, buildings and other improvements of which the premises (as fully described in the U.S. Government Lease for Real Property, SF2) form all or a part.

"Real Estate Taxes" are those taxes that are levied upon the owners of real property by a Taxing Authority (as hereinafter defined) of a State or Local Government on an ad valorem basis to raise general revenue for funding the provision of government services. The term excludes, without limitation, special assessments for specific purposes, assessments for business improvement districts, and/or community development assessments.

"Taxing Authority" is a State, Commonwealth, Territory, County, City, Parish, or political subdivision thereof, authorized by law to levy, assess, and collect Real Estate Taxes.

"Tax Year" refers to the 12-month period adopted by a Taxing Authority as its fiscal year for the purpose of assessing Real Estate Taxes on an annual basis.

"Tax Abatement" is an authorized reduction in the Lessor's liability for Real Estate Taxes below that determined by applying the generally applicable Real Estate Tax rate to the Fully Assessed (as hereinafter defined) valuation of the Property.

"Unadjusted Real Estate Taxes" are the full amount of Real Estate Taxes that would be assessed for the Property for one full Tax Year without regard to the Lessor's entitlement to any Tax Abatements (except if such Tax Abatement came into effect after the date of award of the Lease), and not including any late charges, interest, or penalties. If a Tax Abatement comes into effect after the date of award of the Lease, "Unadjusted Real Estate Taxes" are the full amount of Real Estate Taxes assessed for the Property for one full Tax Year, less the amount of such Tax Abatement, and not including any late charges, interest, or penalties.

"Real Estate Tax Base" is the Unadjusted Real Estate Taxes for the first full Tax Year following the commencement of the Lease term. If the Real Estate Taxes for that Tax Year are not based upon a Full Assessment of the Property, then the Real Estate Tax Base shall be the Unadjusted Real Estate Taxes for the Property for the first full Tax Year for which the Real Estate Taxes are based upon a Full Assessment. Such first full Tax Year may be hereinafter referred to as the "Tax Base Year." Alternatively, the Real Estate Tax Base may be an amount negotiated by the parties that reflects an agreed-upon base for a Fully Assessed value of the property.

The Property is deemed to be "Fully Assessed" (and Real Estate Taxes are deemed to be based on a "Full Assessment") only when a Taxing Authority has, for the purpose of determining the Lessor's liability for Real Estate Taxes, determined a value for the Property, taking into account the value of all improvements contemplated for the Property pursuant to the Lease, and issued to the Lessor a tax bill or other notice of levy wherein the Real Estate Taxes for the full Tax Year are based upon such Full Assessment. At no time prior to the issuance of such a bill or notice shall the Property be deemed Fully Assessed.

"Percentage of Occupancy" refers to that portion of the Property exclusively occupied or used by the Government pursuant to the Lease. For buildings, the Percentage of Occupancy is determined by calculating the ratio of the rentable square feet occupied by the Government pursuant to the Lease to the total rentable square feet in the building or buildings so occupied, and shall not take into account the Government's ancillary rights including, but not limited to, parking or roof space for antennas (unless facilities for such ancillary rights are separately assessed). This percentage shall be subject to adjustment to take into account increases or decreases in the amount of space leased by the Government or in the amount of rentable space on the Property.

3.5.3 ADJUSTMENT FOR CHANGES IN REAL ESTATE TAXES

After the Property is Fully Assessed, the Government shall pay its share of any increases and shall receive its share of any decreases in the Real Estate Taxes for the Property, such share of increases or decreases to be referred to herein as "Tax Adjustment." The amount of the Tax Adjustment shall be determined by multiplying the Government's Percentage of Occupancy by the difference between the current year Unadjusted Real Estate Taxes and the Real Estate Tax Base, less the portion of such difference not paid due to a Tax Abatement (except if a Tax Abatement comes into effect after the date of award of the Lease). If a Tax Abatement comes into effect after the date of award of the Lease, the amount of the Tax Adjustment shall be determined by multiplying the Government's Percentage of Occupancy by the difference between the current year Unadjusted Real Estate Taxes and the Real Estate Tax Base. The

Government shall pay the Tax Adjustment in a single annual lump sum payment to the Lessor. In the event that this Tax Adjustment results in a credit owed to the Government, the Government may elect to receive payment in the form of a rental credit or lump sum payment.

If the Property contains more than one separately assessed parcel, then more than one Tax Adjustment shall be determined based upon the Percentage of Occupancy, Real Estate Tax Base, and Real Estate Taxes for each respective parcel.

After commencement of the Lease term, the Lessor shall provide to the Contracting Officer copies of all Real Estate Tax Bills for the Property, all documentation of Tax Abatements, credits, or refunds, if any, and all notices which may affect the assessed valuation of the Property, for the Tax Year prior to the commencement of the Lease Term, and all such documentation for every year following. Lessor acknowledges that the Contracting Officer shall rely on the completeness and accuracy of these submissions in order to establish the Real Estate Tax Base and to determine Tax Adjustments. The Contracting Officer may memorialize the establishment of the Real Estate Tax Base by issuing a unilateral administrative Supplemental Lease Agreement indicating the Base Year, the amount of the Real Estate Tax Base, and the Government's Percentage of Occupancy.

The Real Estate Tax Base is subject to adjustment when increases or decreases to Real Estate Taxes in any Tax Year are attributable to a) improvements or renovations to the Property not required by this Lease, or b) changes in net operating income for the Property not derived from this Lease. If either condition results in a change to the Real Estate Taxes, the Contracting Officer may re-establish the Real Estate Tax Base as the Unadjusted Real Estate Taxes for the Tax Year the Property is reassessed under such condition, less the amount by which the Unadjusted Real Estate Taxes for the Tax Year prior to reassessment exceeds the prior Real Estate Tax Base.

If this Lease includes any options to renew the term of the Lease, or be otherwise extended, the Real Estate Tax Base for the purpose of determining Tax Adjustments during the renewal term or extension shall be the last Real Estate Tax Base established during the base term of the Lease.

If any Real Estate Taxes for the Property are retroactively reduced by a Taxing Authority during the term of the Lease, the Government shall be entitled to a proportional share of any tax refunds to which the Lessor is entitled, calculated in accordance with this Clause.

Lessor acknowledges that it has an affirmative duty to disclose to the Government any decreases in the Real Estate Taxes paid for the Property during the term of the Lease. Lessor shall annually provide to the Contracting Officer all relevant tax records for determining whether a Tax Adjustment is due, irrespective of whether it seeks an adjustment in any Tax Year.

If the Lease terminates before the end of a Tax Year, or if rent has been suspended, payment for the Real Estate Tax increase due as a result of this section for the Tax Year will be prorated based on the number of days that the Lease and the rent were in effect. Any credit due the Government after the expiration or earlier termination of the Lease shall be made by a lump sum payment to the Government or as a rental credit to any succeeding lease, as determined in the Contracting Officer's sole discretion. Lessor shall remit any lump sum payment to the Government within 15 calendar days of payment or credit by the Taxing Authority to Lessor or Lessor's designee. If the credit due to the Government is not paid by the due date, interest shall accrue on the late payment at the rate established by the Secretary

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of the Treasury under Section 12 of the Contract Disputes Act of 1978, as amended (41 USC § 611), that is in effect on the day after the due date. The interest penalty shall accrue daily on the amount of the credit and shall be compounded in 30-day increments inclusive from the first day after the due date through the payment date. The Government shall have the right to pursue the outstanding balance of any tax credit using all such collection methods as are available to the United States to collect debts. Such collection rights shall survive the expiration of this Lease.

In order to obtain a Tax Adjustment, the Lessor shall furnish the Contracting Officer with copies of all paid tax receipts, or other similar evidence of payment acceptable to the Contracting Officer, and a proper invoice (as described in GSA Form 3517, General Clauses, 552.232-75, Prompt Payment) for the requested Tax Adjustment, including the calculation thereof. All such documents must be received by the Contracting Officer within 60 calendar days after the last date the Real Estate Tax payment is due from the Lessor to the Taxing Authority without payment of penalty or interest. FAILURE TO SUBMIT THE PROPER INVOICE AND EVIDENCE OF PAYMENT WITHIN SUCH TIME FRAME SHALL CONSTITUTE A WAIVER OF THE LESSOR'S RIGHT TO RECEIVE A TAX ADJUSTMENT PURSUANT TO THIS CLAUSE FOR THE TAX YEAR AFFECTED.

3.5.4 TAX APPEALS

If the Government occupies more than 50% of the Building by virtue of this and any other Government lease(s), the Government may, upon reasonable notice, direct the Lessor to initiate a tax appeal, or the Government may elect to contest the assessed valuation on its own behalf or jointly on behalf of Government and the Lessor. If the Government elects to contest the assessed valuation on its own behalf or on behalf of the Government and the Lessor, the Lessor shall cooperate fully with this effort, including, without limitation, furnishing to the Government information necessary to contest the assessed valuation in accordance with the filing requirements of the Taxing Authority, executing documents, providing documentary and testimonial evidence, and verifying the accuracy and completeness of records. If the Lessor initiates an appeal at the direction of the Government, the Government shall have the right to approve the selection of counsel who shall represent the Lessor with regard to such appeal, which approval shall not be unreasonably withheld, conditioned or delayed, and the Lessor shall be entitled to a credit in the amount of its reasonable expenses in pursuing the appeal.

3.6 INSURANCE ADJUSTMENTS

The Government shall 1) make a single annual lump sum payment to the Lessor for its share based on the percentage of occupancy of any increase in hazard and liability insurance premiums during the lease term over the amount established as the base year premium, or 2) receive a lump sum payment for its share of any annual decreases for the duration of the lease in the insurance premium established as the base year premium.

The amount of lump sum payment shall be based upon evidence of insurance policy and payment submitted by the Lessor to the Contracting Officer. The Government shall be responsible for payment of any insurance premium increase over the base year only if the proper invoice and evidence of payment is submitted by the Lessor within 90 calendar days after the date the insurance premium is due from the Lessor to the insurance company. Base year insurance premium as referred to in this paragraph is the insurance premium for the first 12-month period coincident with Government occupancy of leased space in its entirety.

The Government will not pay for any portion of "terrorism insurance" (Terrorism Risk Insurance Act of 2002) obtained by the Lessor.

3.7 OPERATING COSTS

Beginning with the second year of the lease and each year thereafter, the Government shall pay adjusted rent for changes in costs for cleaning services, supplies, materials, trash removal, landscaping, water, sewer charges, heating, electricity, and certain administrative expenses attributable to occupancy. Applicable costs listed on GSA Form 1217, Lessor's Annual Cost Statement, when negotiated and agreed upon, will be used to determine the base rate for operating costs adjustment.

The amount of adjustment will be determined by multiplying the base rate by the annual percent of change in the Cost of Living Index. The percent change will be computed by comparing the index figure published for the month prior to the lease commencement date with the index figure published for the month prior which begins each successive 12-month period. For example, a lease which commences in June 2005 would use the index published for May 2005, and that figure would be compared with the index published for May 2006, May 2007, and so on, to determine the percent change. The Cost of Living Index will be measured by the Department of Labor revised Consumer Price Index for urban wage earners and clerical workers, U.S. city average, all items figure, (1982 to 1984 = 100) published by the Bureau of Labor Statistics. Payment will be made with the monthly installment of fixed rent. Rental adjustments will be effective on the anniversary date of the lease; however, payment of the adjusted rental rate will become due on the first workday of the second month following the publication of the Cost of Living Index for the month prior to the commencement of each 12-month period.

If the Government exercises an option to extend the lease term at the same rate as that of the original term, the option price will be based on the adjustment during the original term. Annual adjustments will continue.

In the event of any decreases in the Cost of Living Index occurring during the term of the occupancy under the lease, the rental amount will be reduced accordingly. The amount of such reductions will be determined in the same manner as increases in rent provided under this paragraph.

The offer shall clearly state whether the rental is firm throughout the term of the lease or if it is subject to annual adjustment of operating costs as indicated above. If operating costs will be subject to adjustment, those costs shall be specified on GSA Form 1364A, Proposal to Lease Space, contained elsewhere in this SFO.

The base for the operating cost adjustments will be established during negotiations based upon the Offeror's Final Cost Proposal, Line 27, of GSA Form 1217, Lessor's Annual Cost Statement.

3.8 CONTRACT CHANGES

At any time, the Contracting Officer may make changes within the scope of the lease by a written order pursuant to the Changes Clause set forth in Paragraph 33 of GSA Form 3517B, attached hereto and made a part hereof, and provisions as set forth below. Changes in the design or the work initiated by the Lessor or the Lessor's Design Team or Contractor do not constitute a change for cost. Any such changes must be approved by the Contracting Officer. See design and construction documents afterward.

The clauses entitled "Changes" in FAR 52.243-4 and "Differing Site Conditions" in FAR 52.236-2 will be supplemented with the following two clauses. The clause in Paragraph 3.8.1 below will apply to negotiated changes exceeding \$500,000 and does not provide ceiling rates for indirect expenses. Such expenses will be included as part of the submission of certified cost and pricing data, and will be negotiated by the Contracting Officer and audited in accordance with Department of Veterans Affairs Acquisition Regulation (VAAR) 815.805-5. (A copy of this provision is available upon request.) When the negotiated change will be less than \$500,000, the clause specified in Paragraph 3.8.2 below will apply. Certificates of current cost and pricing data shall accompany proposals over \$100,000 and not exceeding \$500,000. If cost and pricing data are required by FAR for proposals of \$100,000 or less, the Contracting Officer may require that it be certified in accordance with FAR 15.403-4(a)(2). It must be emphasized that the indirect cost rates are ceiling rates only, and the Contracting Officer will negotiate the indirect expense rates within the ceiling limitations. The clauses are a result of an approved FAR deviation pursuant to Subpart 801.4.

3.8.1 APPLICABLE TO CHANGES COSTING OVER \$500,000**A. Proposals for Changes**

When requested by the Contracting Officer, the contractor shall submit proposals for changes in work to the Contracting Officer or the Contracting Officer's designee. Proposals, to be submitted within 30 calendar days after receipt of request, shall be in legible form, original and two copies. The contractor shall provide cost or pricing data in accordance with the instructions in Table 15-2 of FAR 15-403-5 in the format indicated for "Modifications" //or other format acceptable to the Contracting Officer//. Proposals shall consist of an itemized breakdown that includes material quantities, unit prices, labor costs (separated into trades), construction equipment, etc. (Labor costs are to be identified with specific material placed or operation performed.) The contractor shall execute a Certificate of Current Cost or Pricing Data in accordance with FAR 15-406-2. The contractor must obtain and furnish with each proposal an itemized breakdown and certificate as described above, signed by each subcontractor participating in the change regardless to tier.

B. Tentative Pricing

When the necessity to proceed with a change does not allow sufficient time to negotiate a modification, or because of failure to reach an agreement, the Contracting Officer may issue a change order instructing the contractor to proceed on the basis of a tentative price based on the best estimate available at the time, with the firm price to be determined later. Furthermore, when the change order is issued, the contractor shall submit a proposal for cost of changes in work within 30 calendar days.

C. Settlement By Determination

The Contracting Officer will consider issuing a settlement by determination to the contract, if the contractor's proposal required by Paragraphs 3.8.1A and 3.8.1B of this clause is not received within 30 calendar days or if agreement has not been reached.

3.8.2 APPLICABLE TO CHANGES COSTING \$500,000 OR LESS**A. Proposals for Changes**

When requested by the Contracting Officer, the contractor shall submit proposals for changes in work to the Contracting Officer or designee. Proposals, to be submitted within 30 calendar days after receipt of request, shall be in legible form, original and two copies, with an itemized breakdown that will include material, quantities, unit prices, labor costs (separated into trades), construction equipment, etc. (Labor costs are to be identified with specific material placed or operation performed.) The contractor must obtain and furnish with a proposal an itemized breakdown as described above, signed by each subcontractor participating in the change, regardless of tier. When requested by the Contracting Officer, the contractor and each subcontractor participating in the change, regardless of tier, shall execute a Certificate of Current Cost or Pricing Data in accordance with FAR 15-406-2. For proposals over \$100,000, the cost or pricing data shall be submitted in accordance with the instructions in Table 15-2 of FAR 15-403-5 in the format indicated for "Modifications" //or other format acceptable to the Contracting Officer//. No itemized breakdown will be required for proposals amounting to less than \$1,000.

B. Tentative Pricing

When the necessity to proceed with a change does not allow sufficient time to negotiate a modification or if there is a failure to reach an agreement, the Contracting Officer may issue a change order instructing the contractor to proceed on the basis of a tentative price based on the best estimate available at the time, with the firm price to be determined later. Furthermore, when the change order is issued, the contractor shall submit a proposal for cost of changes in work within 30 calendar days.

C. Settlement By Determination

The Contracting Officer will consider issuing a settlement by determination to the contract, if the contractor's proposal required by paragraphs (a) and (b) of this clause is not received within 30 calendar days, or if agreement has not been reached.

D. Allowances for Overhead and Profit

Allowances not to exceed 10% each for overhead and profit for the party performing the work will be based on the value of labor, material, and use of construction equipment required to accomplish the change. As the value of the change increases, a declining scale will be used in negotiating the percentage of overhead and profit. Allowable percentages on changes will not exceed the following:

- 10% overhead and 10% profit on the first \$20,000
- 7-1/2% overhead and 7-1/2% profit on the next \$30,000
- 5% overhead and 5% profit on balance over \$50,000

Profit shall be computed by multiplying the profit percentage by the sum of the direct costs and computed overhead costs.

E. Allowable Fee On Changes

The prime contractor's or upper-tier subcontractor's fee on work performed by lower-tier subcontractors will be based on the net increased cost to the prime contractor or upper-tier subcontractor, as applicable. Allowable fee on changes will not exceed the following:

- 10% fee on the first \$20,000
- 7-1/2% fee on the next \$30,000
- 5% fee on balance over \$50,000

F. Multiple Tiers

Not more than four percentages, none of which exceed the percentages shown above, will be allowed regardless of the number of tiers of subcontractors.

G. Credit Items

Where the contractor's or subcontractor's portion of change involves credit terms, such items must be deducted prior to adding overhead and profit for the party performing the work. The contractor's fee is limited to the net increase to contractor of subcontractors' portions of cost computed in accordance herewith.

Where a change involves credit items only, a proper measure of the amount of downward adjustment in the contract price is the reasonable cost to the contractor if he/she performed the deleted work. A reasonable allowance for overhead and profit are properly includable as part of the downward adjustment for a deductive change. The amount of such allowance is subject to negotiation.

H. Tax and Insurance

Cost of Federal Old Age Benefit (Social Security) tax and of Workmen's Compensation and Public Liability insurance appertaining to change are allowable. While no percentage will be allowed thereon for overhead or profit, prime contractor's fee will be allowed on such items in subcontractors' proposals.

I. Items Included In Overhead and Fee

Overhead and contractors fee percentages shall be considered to include insurance, other than mentioned herein; field and office supervisors and assistants; security police; use of small tools, incidental job burdens, and general home office expenses; and no separate allowance will be made therefore. Assistants to office supervisors include all clerical, stenographic, and general office help. Incidental job burdens include, but are not necessarily limited to, office equipment and supplies, temporary toilets, telephone, and conformance to OSHA requirements. Items such as, but not necessarily limited to, review and coordination, estimating, and expediting relative to contract changes, are associated with field and office supervision and are considered to be included in the contractor's overhead and/or fee percentage.

J. Bond Premium Adjustment

Bond premium adjustment, consequent upon changes ordered, will be made as elsewhere specified at the time of final settlement under the contract and will not be included in the individual change.

K. Implementation of Changes

Upon receipt of a written order from the Contracting Officer for a change(s), the Lessor shall immediately begin to implement such a change(s). Any dispute involving entitlement to additional compensation or additional time for the work performed will be resolved pursuant to the terms of the Disputes Clause, if not otherwise resolved by the parties. However, nothing in that clause shall excuse the Lessor from proceeding with the contract as changed.

Lump sum payment for changes shall be made upon completion, acceptance, and beneficial occupancy of the building.

3.9 WAIVER OF CLAIMS FOR WASTE OR DAMAGES

The Lessor will be required to waive the right to claim for waste or damages arising from the making or removing of alterations or special work (Paragraph 3.4).

The Lessor will be required to waive the right to claim for delay, waste, or damages arising from the acts, errors, or omissions of Lessor or the Lessor's Design Team or Contractor.

All property placed in, upon, or attached to the premises to be leased that is provided by the Government or for which the Government pays by means of lump-sum (Schedule B items), shall be and remain the property of the Government, and may be removed or otherwise disposed of by the Government at its sole discretion. The Lessor will be required to waive the right to claims arising from the removal or disposal of any Government property that remains in, upon, or attached to the premises at the termination of the lease.

3.10 LIQUIDATED DAMAGES

In case of failure on the part of the Lessor to complete the work within the time fixed in the lease contract or letter of award, the Lessor shall pay the Government as fixed and agreed liquidated damages, pursuant to this clause, the sum of // One Thousand Five Hundred Dollars (**\$1,500.00**) // // [*insert amount of liquidated damages in words (and numerals)*] // for each and every calendar day that the delivery is delayed beyond the date specified for delivery of all the space ready for acceptance and beneficial occupancy by the Government.

3.11 RECORDATION REQUIREMENTS

The Lessor will be required to execute all documents necessary to record the lease in the county or political subdivision in which the building is located. The recordation and all expenses associated with this action are the responsibility of the Lessor. This action must be accomplished within 30 calendar days after award. Evidence of such must be provided to the Contracting Officer.

3.12 ADJUSTMENT FOR VACATED PREMISES

If the Government fails to occupy any portion of the leased premises or vacates the premises in whole or in part prior to expiration of the firm term of the lease, the rental rate shall be reduced as follows: the rate shall be reduced by that portion of the cost per square foot of operating expenses not required to maintain the space. Said reduction shall occur after the Government gives 30 days prior notice to the Lessor, and shall continue in effect until the Government occupies the premises or the lease expires or is terminated.

3.13 RELOCATION ASSISTANCE ACT

If an improved site is offered and new construction will result in the displacement of individuals or businesses, the successful Offeror shall be responsible for payment of relocation costs for displaced persons in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 as amended and 49 CFR Part 24.

3.14 RENTABLE AND NET USABLE SQUARE FEET**3.14.1 RENTABLE SPACE**

Rentable Space is determined by the building owner and may vary by city or by building within the same city. The rentable space may include a share of building support/common areas such as elevator lobbies, building corridors, and floor service areas. Floor service areas typically include restrooms, janitor rooms, telecommunications rooms, electrical closets, and mechanical rooms. The rentable space does not include vertical building penetrations and their enclosing walls, such as stairs, elevator shafts, and vertical ducts.

3.14.2 NET USABLE SPACE

Net usable space is that portion of rentable space that is available for a tenant's personnel, furnishings, and equipment. Net usable space is the area for which VA will pay a square foot rate. It is determined as follows:

- If the space is on a single tenancy floor, compute the inside gross area by measuring between the inside finish of the permanent exterior building walls or from the face of the convectors (pipes or other wall-hung fixtures) if the convector occupies at least 50% of the length of exterior walls.
- If the space is on a multiple tenancy floor, measure from the exterior building walls as above and to the room side finish of the fixed corridor and shaft walls and/or the center of tenant-separating partitions.

In all measurements, make no deductions for columns and projections enclosing the structural elements of the building. Deduct the following from the inside gross area, including the enclosing walls, to arrive at the figure for net usable square feet:

- Those housekeeping closets not contained in programmed areas. See Paragraph 4.2.3A.
- Public restrooms and lounges. See Paragraph 4.2.3B.
- Building equipment and service areas. See Paragraph 4.2.3C.
- Public corridors and entrance lobbies. See Paragraph 4.2.3D.
- Vertical circulation. See Paragraph 4.2.3E.
- Shafts and risers. See Paragraph 4.2.3F.

Offerors shall indicate on GSA Form 1364A, Proposal to Lease Space, Section II (Space Offered and Rates, the amount of rentable space offered (8a.(2)) and the cost per rentable square footage (8a.(4))).

3.15 APPURTENANT AREAS

The right to use appurtenant areas and facilities is included. The Government reserves the right to post Government rules and regulations where the Government leases space.

3.16 VENDING FACILITIES

VA is required to comply with the provisions of the Randolph-Sheppard Act pertaining to Vending Facility Programs for the Blind, 34 CFR 395, on properties owned, leased, or occupied by the Government. VA will have notified the appropriate State licensing agency of intent to occupy space under this lease. The State licensing agency shall be afforded the opportunity to determine whether the building includes a satisfactory site for a vending facility and, subject to the approval by VA, shall be offered the opportunity to select the location and type of vending facility to be operated by a blind vendor prior to the completion of the final space layout.

The Lessor will have no right to control or receive income from automatic vending machines located in the vending facility of the leased premises. // If space is offered in existing buildings with vending facilities established under pre-existing agreements, VA will ensure that the facility does not compete with other facilities having exclusive rights in the building. Offerors must advise VA if such rights exist.//

3.17 DESIGN AND CONSTRUCTION DOCUMENTS AFTER AWARD

Design development after award shall be in accordance with the requirements of this Solicitation, and shall be a direct extension of the submitted design concept. The design development shall retain all the functional and basic physical characteristics of that concept. The Contracting Officer shall have the right to reject any aspect of subsequent design that varies from the concept and would adversely affect the Government's use and occupancy of the space or the Government's other interests in the building as set forth or implied in this Solicitation. Nonetheless, the Offeror may propose for the Contracting Officer's acceptance, or the Contracting Officer may propose for the Offeror's acceptance, evolutionary adaptations or changes to the concept, that improve the design. Neither party will unreasonably withhold such acceptance of demonstrated beneficial design adaptations of the concept which would not measurably increase the costs of construction, operation, or occupancy of the space or building and which would not decrease the utility of the space or building to either party. **Changes to planned design layout do not constitute a change for cost.**

3.17.1 RESPONSIBILITIES OF LESSOR'S DESIGN TEAM

The Lessor's design team (A/E) shall be responsible for producing a complete set of drawings, design narrative/analysis, calculations, sample boards, and specifications in accordance with professional standard practices and the criteria contained in this SFO. Drawings and related data shall be prepared in accordance with the National CAD Standard (NCS) published by the National Institute of Building Sciences (NIBS) as amended by the VHA *National CAD Standard Application Guide* with regard to conventions in layer names, drawing organization, and plotting. Each A/E discipline shall receive a copy of VHA National CAD Standard Application Guide. The Lessor and Lessor's A/E are responsible for obtaining the NCS (<http://www.cfm.va.gov/til/projReq.asp#cad>).

The Lessor's A/E shall develop and execute a Quality Assurance/Quality Control (QA/QC) program; and shall demonstrate that the project plans and specifications have gone through a rigorous review and coordination effort with each required submittal. The Lessor's A/E shall conduct coordination meetings between A/E technical disciplines before submitting material for each VA review and provide minutes of the meetings to VA.

3.17.2 INDEPENDENT TECHNICAL REVIEW

The Lessor shall be responsible for paying for three independent technical and life safety reviews at the Second Design Development submittal, at the 75% Construction Document submission, and independent back check of the Final (100%) Construction Documents. The reviews shall encompass all disciplines. The reviews shall be accomplished by independent professional entities selected by VA that are registered in the appropriate fields of expertise.

NOTE: The Lessor shall allow approximately 15 working days for review and comment by the Government at each review stage.

The independent reviews are limited to checking for general compliance with the SFO and VA requirements. The independent reviews do not take the place of the Lessor's QA/QC program, nor the code review by the Authority Having Jurisdiction (AHJ). The Lessor shall have the responsibility of ensuring that the documents go through the review and permitting process of the local AHJ. If the independent technical review conflicts with the review by the AHJ, the more stringent requirement shall apply. If there is any question as to which requirement shall apply, the Lessor shall request a determination from the Contracting Officer.

For purposes of this Solicitation For Offers (SFO), the firm of *[insert IDIQ or other A/E firm name here]* is the authorized representative of the Department of Veterans Affairs (VA) and shall provide technical review services to VA in connection with this Lease. It is understood between the Lessor and VA that *[insert IDIQ or other A/E firm name here]* shall provide independent technical services on behalf of VA to assist in reviewing drawings.

In connection with the provisions of such independent technical services, the Lessor shall provide in the base rental rate a sum of *[insert amount in words and figures here]* to be paid to *[insert IDIQ or other A/E firm name here]*. Such fee shall be due and payable, as follows:

Approximately forty (40)% of the fee shall be paid to *[insert IDIQ or other A/E firm name here]* within thirty (30) calendar days following receipt by the Lessor of an invoice certified and approved by VA; following review of the Second Design Development package, and:

Approximately fifty (50)% of the fee shall be paid to *[insert IDIQ or other A/E firm name here]* within thirty (30) calendar days following receipt by the Lessor of a invoice certified and approved by VA; following review of the 75% Construction Document package.

The balance of the fee shall be paid to *[insert IDIQ or other A/E firm name here]* within thirty (30) calendar days following receipt by the Lessor of a final invoice certified and approved by VA, following back check of the final Construction Document package.

The Lessor's responsibilities to pay the fee(s) to *[insert IDIQ or other A/E firm name here]* is independent of any other Lessor financial responsibilities of this Lease and shall not be used to negotiate or offset any credits owed VA by the Lessor. However, in the event Lessor shall fail to pay the fee(s) owed to *[insert IDIQ or other A/E firm name here]* pursuant to the compensation schedule outlined herein, VA, at VA's sole option, shall pay the fee owed on

behalf of Lessor to *[insert IDIQ or other A/E firm name here]* out of rent payments and/or any lump-sum payments owed or to-be-owed to Lessor for reimbursement(s) for services/work provided by the Lessor.

3.18 DESIGN DEVELOPMENT

The Design Development phase involves the production of drawings, specifications, calculations, narratives, reports, and other materials as listed in Paragraph "SUBMITTAL REQUIREMENTS FOR DD AND CD REVIEWS." Two Design Development submissions shall be required for review by the government. The submittals shall fully describe the architectural and engineering design approach used, and the systems, materials, and layout for the site and building. The submittals shall be reviewed by VA and the independent technical reviewers to determine that the design proposed by the Lessor conforms to the space / functional and technical requirements of this SFO.

Utilizing the conceptual layout diagram provided by VA at time of award and working in conjunction with the Contracting Officer or designee, the Lessor shall produce the First Design Development Submittal within 45 calendar days of award.

After VA review and comment on the First Design Development Submittal, the Lessor shall complete and submit the Second Design Development Submittal within 30 calendar days:

3.19 CONSTRUCTION DOCUMENTS

The Construction Document phase involves the production of complete drawings, specifications, and other documents necessary for the bidding and construction of the project. Construction documents shall be prepared from the approved design development documents. It is the Lessor's responsibility to provide a quality set of documents. Documents shall be complete and fully coordinated. Prior to reproduction for issue for construction bids, make any changes to the documents identified as necessary by the Contracting Officer during reviews. 100% Construction Documents shall contain the seal (or stamp) of a professional engineer or architect, registered in the discipline represented by the drawing. Final calculations shall contain the seal (or stamp) of a registered professional engineer. Persons sealing the construction documents or calculations shall be the entities identified by the Lessor under Paragraph Design Team Qualifications above. Two construction document period submissions shall be required: the first at 75% complete and the second at 100% complete.

Within 45 calendar days of receipt of written VA approval of the Second Design Development Submittal, the Lessor shall produce a complete set of 75% construction documents and specifications for review.

Within 30 calendar days of receiving written notification of VA's 75% construction document review comments, the Lessor shall submit a complete set of 100% working drawings and specifications for review. The Lessor shall incorporate all VA comments of the 75% contract document submittal.

NOTE: The Lessor shall allow approximately 15 working days from date of receipt for review and comment by the Government at each review stage.

3.20 SUBMITTAL REQUIREMENTS FOR DD AND CD REVIEWS**3.20.1 GENERAL REQUIREMENTS**

Provide a design narrative/analysis for each technical discipline (e.g., architectural, mechanical, fire protection, etc.) which describes the intent of each discipline with each design development submission.

Provide computations and sizing calculations for electrical, mechanical (HVAC, plumbing, and steam), sanitary, structural, and fire protection designs. For computerized calculations, submit complete and clear documentation of computer programs, interpretation of input/output, and description of program procedures.

Provide individually packaged drawings for each submission to each unit specified in Paragraph "Distribution of A/E Materials."

At each submission, the A/E shall date and appropriately label all materials. In each submission, the A/E shall incorporate the corrections, adjustments, and changes made by VA at the previous review.

A. Format*(1) Drawings*

Hard copies shall be black line prints on bond paper, full size (30" x 42") and half size (15" x 21"). Each set shall contain all sheets for all disciplines (partial sets are not allowed). Electronic submissions may be plots or scans in Adobe® PDF format; except floor (space layout) plans shall be provided in both PDF format and as AutoCAD® release [____] drawing files to facilitate verification of net and rentable areas. Quantities shall be as indicated below.

(2) Specifications

Hard copies shall be printed double-sided on 8½" x 11" bond paper. Electronic submissions may be in Microsoft® Word® 2003 or Adobe® PDF format. Electronic files containing two or more specification sections shall be indexed or bookmarked.

(3) Narratives

Hard copies shall be printed on 8½" x 11" bond paper. Electronic submissions may be in Microsoft® Word® 2003 or Adobe® PDF format. Bookmark or index all electronic files.

(4) Calculations

Hard copies shall be printed on 8½" x 11" bond paper. Electronic submissions may be Adobe® PDF format. Bookmark or index all electronic files.

B. Distribution of A/E Materials

Electronic materials shall be submitted on CD-ROM or DVD. Each set of paper (hard) copies shall be bound or may be assembled in three-ring binders. Label each disk and paper set to identify the project, location, contract number, and submittal type and date. Required number of copies is designated in the following table.

Submittal	Medical Center	Resident Engineer	Ind Tech Reviewer
First Design Development			
Narratives	1 each hard and electronic	1 each hard and electronic	6 hard copies
Drawings	1 each hard and electronic	1 each hard and electronic	6 hard copies
Specifications	1 each hard and electronic	1 each hard and electronic	6 hard copies
Calculations	1 each hard and electronic	1 each hard and electronic	1 hard copy each discipline
Second Design Development			
Narratives	1 each hard and electronic	1 each hard and electronic	6 hard copies
Drawings	1 each hard and electronic	1 each hard and electronic	6 hard copies
Specifications	1 each hard and electronic	1 each hard and electronic	6 hard copies
Calculations	1 each hard and electronic	1 each hard and electronic	1 hard copy each discipline
75% Construction Documents			
Drawings	1 each hard and electronic	1 each hard and electronic	6 hard copies
Specifications	1 each hard and electronic	1 each hard and electronic	6 hard copies
Calculations	1 each hard and electronic	1 each hard and electronic	1 hard copy each discipline
100% Construction Documents			
Drawings	1 each hard and electronic	1 each hard and electronic	6 hard copies
Specifications	1 each hard and electronic	1 each hard and electronic	6 hard copies
Calculations	1 each hard and electronic	1 each hard and electronic	1 hard copy each discipline

3.20.2 FIRST DESIGN DEVELOPMENT SUBMITTAL

A. Site

Submit preliminary drawings showing the development concept. Submit copies of topographic, utility, and landscape surveys.

Include layout plan(s) showing location of: building and structures, roads, fire access, parking, mechanical, electrical, and telecommunications equipment on grade, service area(s), entrances and exits, and walks; Grading plan, showing existing and proposed contours; and Planting plan, showing plant groupings.

Submit preliminary narrative for site design concept with analysis of site, circulation study, phasing analysis, and parking analysis.

B. Structural

Submit preliminary structural plans and sections. Show bay sizes, locations and sizes of columns, bearing walls, and foundations. Show locations and depths of //floor and// roof framing members. Show locations and sizes of lateral force resisting elements. Indicate locations of major mechanical, electrical, and other special equipment items.

Submit preliminary design narrative, including basis for selection of proposed structural system, and preliminary supporting calculations.

C. Architectural

Submit final layout drawings (floor plans) for all floors at 1/8-inch scale. Drawings shall be of sufficient precision and/or adequately dimensioned so that the Government may accurately compute rentable and useable areas to verify compliance with solicitation requirements.

Submit preliminary equipment plans (at 1/4-inch scale) and preliminary equipment schedules that reflect the requirements in this Basic Solicitation as well as Schedule B "Special Equipment Requirements." Identify all equipment for each clinical or laboratory room listed in Schedule B. Equipment plans are not required for offices, consultation rooms, classrooms, conference rooms, and waiting rooms.

Submit building elevations, showing all significant materials, including their colors, roof top mechanical equipment, and any architectural screens. Elevations shall show massing, proposed fenestration, and the building's relationship to adjacent structures and the finish grade.// If building is designed for future expansion, delineate elevations with and without the future expansion.//

D. Interior Design

No requirements at this submittal.

E. Sustainable Design & Energy Efficiency

Submit preliminary LEED® Silver Equivalency checklist. Submit preliminary narrative addressing how the design will meet Federal Mandates for sustainability and energy efficiency, including site base conditions analysis, preliminary base case energy and water analysis, and integrated strategies.

F. Fire Protection/Life Safety

Submit preliminary design narrative. The fire protection narrative shall discuss: fire and smoke separations, fire sprinkler/standpipe system, size of fire pumps, water supply available/max. demand, water flow testing results, fire alarm systems, kitchen extinguishing systems, size of air handling units, exit paths from each zone, distances to stairs, occupancy of each area, exit calculations for each floor, and smoke control features.

Submit preliminary fire protection plans plans/drawings (minimum 1/8-inch scale) illustrating: sprinkler zones, fire alarm zones, smoke zones, building water supply, interior sprinkler supply risers, standpipes, fire extinguisher cabinets, and fireproofing of structural members.

G. Mechanical

Submit preliminary design narrative addressing description of HVAC systems, equipment for each functional space, and life-cycle cost analysis. Submit preliminary engineering calculations. Provide specific design recommendations and full back-up data. Include the heating and cooling capacities of each functional area and the block cooling and heating loads for the building.

Submit preliminary drawings (minimum 1/8-inch scale) indicating: tentative location/sizes for mechanical equipment room(s), principal vertical shafts, and block layout of equipment. Indicate preliminary sizes and locations of louvers required for outside, exhaust, and relief air.

H. Plumbing

Submit preliminary design narrative addressing plumbing systems including supply, waste, and medical or laboratory gas systems.

Submit preliminary drawings (minimum 1/8-inch scale) including: room names and numbers, plumbing fixtures w/VA numbering system, equipment, medical gas outlets, laboratory gas outlets, and routing for plumbing piping.

I. Electrical

Submit preliminary design narrative for electrical systems and preliminary load calculations for normal and emergency power. Include basic assumptions, and projected load of new construction.

Contact the electrical utility that will supply electrical power. Submit a written summary of any conversations with the electrical utility. Submit a full set of preliminary electrical site, lighting, and power floor plans, showing equipment, lighting, and receptacle locations. Submit proposed one-line and riser diagrams of the normal electrical power distribution system and the emergency power system. Final equipment ratings may vary, but locate all equipment and identify and size dimensionally for adequate capacity. Provide preliminary fault current, generator sizing, load, feeder and equipment sizing, voltage drop, lightning protection risk analysis, and lighting and energy calculations.

J. Telecommunications and Special Systems

Submit preliminary design narrative addressing Telecommunications and Special Systems.

Submit preliminary Telecommunications and Special Systems drawings including site plan and floor plans (minimum 1/8-inch scale). Show locations of and sizes of computer rooms and equipment and distribution rooms for telecommunications and special systems. Identify low-voltage outlet connections and major equipment items. Include basic cable tray routing. Provide legend of symbols.

3.20.3 SECOND DESIGN DEVELOPMENT SUBMITTAL

A. Site

Submit design narrative and calculations for site development. Include a Geotechnical Report that addresses at a minimum, soil bearing pressures, slab design, existing soil conditions, percolation rates, slope stability and recommended mitigation, pavement design, etc.

Include a Hydrology and Hydraulic analysis and report in support of the proposed design which complies with local, state, and federal flood plain management standards and methodologies. It is not acceptable to connect storm drain systems to the sanitary system.

Submit completed design development drawings for all site work and utility systems. Include layout plan(s) showing location of: building and structures, roads, fire access, parking, accessible spaces, van spaces, mechanical and electrical equipment on grade, off-site roads, off-site utilities, service area(s), entrances and exits, walks, inlets, vertical and horizontal road alignment, and paving joint patterns.

Submit grading plan showing: existing contours, proposed contours, spot elevations at structure corners, entrances, equipment pads, etc., first floor elevations, rim and invert elevations on storm drainage fixtures, and erosion and sediment control.

Include conceptual drawings that reflect the alignment of the water distribution system, including location of fire hydrants and points of connection to the public water system.

Include conceptual drawings that reflect the alignment of the sanitary sewer system, including manhole locations and points of connection to the downstream sewer system.

Include conceptual storm drain drawings based on the Hydrology and Hydraulic report. The drawings should reflect the alignment of the storm sewer system, including location of detention/retention basins, junction structures, channels, pipe structures and catch basins, connections to the existing storm system (if one exists) or flow arrows indicating the direction of surface flow.

Submit landscape drawings including planting plan showing: list of plant material and limits of irrigation.

Submit signage plan and schedule.

Submit site and landscape details.

Submit completed design narrative and calculations.

Submit draft specifications for earthwork, utility systems, and site improvements.

B. Structural

Submit completed design development drawings including structural plans, sections, and details. Show bay sizes, locations and sizes of columns, bearing walls, and foundations. Show locations and depths of //floor and// roof framing members. Indicate floor and roof slab thickness. Coordinate floor or roof depressions and penetrations with architectural, mechanical, plumbing, and electrical work. Indicate major mechanical, electrical, and other special equipment items; and show chases or shafts. Show framing and support required at those locations. Show locations and sizes of lateral force resisting elements.

Submit final design narrative including basis for selection of proposed structural system. Submit calculations for gravity and lateral design.

Submit draft specifications for structural materials.

C. Architectural

Submit completed design development floor plans (minimum 1/8-inch scale) for each floor showing all rooms, room names, room numbers, door locations and swings, smoke and fire rated partitions, and fire extinguisher cabinets. Label departments or services. Show all rooms and chases for mechanical, electrical, and low-voltage (communications) equipment. Show wall thickness and chase walls. Show plumbing fixtures and equipment occupying floor space. Indicate handrails and corner guards. Show column grid with columns indicated // and expansion and seismic joints //.

Submit completed equipment plans, elevations (minimum ¼-inch scale), and schedules. List any changes or deviations from Schedule B for review and approval by the Contracting Officer or designee.

Submit completed design development roof plan, exterior elevations, building and wall sections, and key details. Submit room finish, door, and window schedules. Submit general notes, symbol legends, and abbreviations.

Submit final design narrative.

Submit draft specification sections.

D. Interior Design

Submit interior design narrative. Discuss information gathered during interior design programming with the VAMC project coordinator and interior designer including, but not limited to the following: interior and exterior design and materials, light, safety, patient profile, customer's "vision" or desired image, public vs. private spaces, signage, regional influences, etc.

Present the preliminary design solution for the primary areas of the project. Use broad categories of materials, finishes, color palettes, patterns, textures, and scales. Include primary and secondary corridors, lobbies, waiting rooms, offices, exam and treatment rooms, and toilet rooms. Discuss the relationship among departments and functions, and between public and private spaces.

E. Sustainable Design & Energy Efficiency

Submit LEED® Silver Equivalency checklist. Submit narrative addressing how the design will meet Federal Mandates for sustainability and energy efficiency. Submit refined ASHRAE 90.1-2004 base-case energy model and as-designed energy model, including all assumptions used, targeting compliance with the 30% energy reduction goal, or exceeding the goal. Submit refined water use analysis and daylighting calculations. Submit preliminary commissioning specifications.

F. Fire Protection/Life Safety

Submit completed fire protection narrative. Indicate NFPA 220 and UBC fire resistive rating of the building, NFPA 101 occupancy type, and fire protection code analysis to assess compliance with NFPA 101. Provide information to meet JCAHO requirements, e.g., location of all fire rated barriers, smoke barriers, exit signs, fire extinguishers, manual pull stations, smoke detectors, and sprinkler flow switches.

Submit completed design development fire protection plans/drawings illustrating: sprinkler zones, fire alarm zones, smoke zones, building water supply, sprinkler/standpipe riser supply piping, termination of sprinkler main and inspector test drains, sprinkler alarm valves, waterflow and tamper switches, sprinkler system fire department connections, sprinkler design hazards per NFPA 13, exit signs and emergency lighting, fire sprinklers, fire hydrants, fire pumps, post indicator valves, sectional valves, fire extinguisher cabinets, electromagnetic door hold open devices, wall sections indicating fire resistive ratings, and evacuation plan signage.

Submit draft specifications for fire alarm and suppression systems.

G. Mechanical

Submit completed design narrative and calculations for HVAC systems. Include room-by-room, peak zone-by-zone, and building block heating and cooling loads. Discuss selection of HVAC equipment and provide catalog cuts of equipment. Provide room-by-room heating and cooling loads, zone-by-zone heating and cooling loads; and building block heating and cooling loads. Include Psychometric chart for air handling unit, coil entering and leaving conditions, fan motor heat gains, consumption of humidification loads, sound/acoustic analysis. Provide room-by-room air balance charts. Show supply, return, exhaust, make-up, and transfer quantities with intended pressure relationships, i.e., positive, negative, or zero with respect to adjoining spaces.

Submit completed design development drawings indicating: main supply, return and exhaust ductwork, volume dampers, fire and smoke partitions, fire and smoke dampers, smoke detectors, automatic control dampers, air quantities for each room, air inlets/outlets, rises and drops in ductwork, and interconnection of HVAC equipment with fire protection equipment (see fire protection). Provide plan and section of mechanical equipment rooms and building corridors (show routing of main ductwork, plumbing, fire protection, major conduit or cable tray runs). Provide schematic flow and riser diagrams, schematic control diagrams, and equipment schedules. Indicate required seismic bracing. Provide legends, symbols, and abbreviations.

Submit draft specifications for mechanical systems and equipment.

H. Plumbing

Submit completed design narrative addressing plumbing systems including supply, waste, and medical or laboratory gas systems. Submit calculations for piping systems and equipment.

Submit completed design development drawing. In addition to the requirements of the first design development submittal, show the following: size of pipe, equipment schedule, fire and smoke partitions, riser diagrams, legend, notes, and details; location and size of sprinkler riser, standpipes, and fire pumps (see fire protection); and location of emergency eyewash and shower equipment.

Submit draft specifications for plumbing systems and equipment.

I. Electrical

Show all new services to building, utility transformers, location, exterior lighting, and the utility service point and meter location on the electrical site plan. Submit a written summary of any conversations with the electrical utility.

Provide legend of symbols and abbreviations. Submit a full set of electrical lighting, power, and lightning protection plans for building and site. Submit one-line diagrams of the normal electrical power distribution system and the emergency power system.

Provide prefinal fault current, generator sizing, load, feeder, and equipment sizing, voltage drop, lightning protection risk analysis, and lighting and energy calculations.

Submit draft specifications for electrical equipment.

J. Telecommunications and Special Systems

Submit completed design narrative.

Submit Telecommunications and Special Systems site and building drawings. Identify low-voltage outlet connections and major equipment items. Include basic cable tray routing and floor penetration location for routing of low-voltage cabling.

Submit ¼-inch scale enlarged Telecommunication Rooms plans. Identify equipment rack location, overhead ladder rack, and wall field equipment with proper clearances. Submit 1-inch scale enlarged plans of the rack details including termination areas of copper and fiber cabling and equipment layout.

Submit draft specifications for Telecommunications and Special Systems.

3.20.4 75% CONSTRUCTION DOCUMENTS

A. Site

The Site drawings shall indicate all site features required by the lease documents, e.g., topography (1 foot contours), building location by legal description, site setbacks, grading, parking, roadways, access ways, pedestrian routes, landscaping, irrigation system, //MRI pad, //gazebo, // smoking shelter, sidewalks, conformance with local design standards, etc. The site drawing shall be at a minimum scale of 1" = 40'. Provide specifications for site improvements.

The site drawings shall reference the Geotechnical Report for drainage design, pavement design recommendations, and slope stability, etc.

Include a Hydrology and Hydraulic analysis and report in support of the proposed design which complies with local, state, and federal flood plain management standards and methodologies. It is not acceptable to connect storm drain systems to the sanitary system.

The Site drawings shall include details for connecting to the public water distribution system. Include points of connection, zone boundaries, fire hydrants (spaced per local codes), domestic and irrigation meter size and location, and all other water distribution components as required by the local water utility.

The Site drawings shall include details for connecting to the public wastewater system. Include the downstream point of connection, manholes, and cleanouts, etc., per the standards and specifications of the local wastewater jurisdiction. The proposed wastewater system cannot be designed to be integrated with the storm drain system.

Include detailed drainage plans based on the Hydrology and Hydraulics Report that identify location and depth of basins, storm sewer, catch basins, channels, connection points, pipe structures and all other drainage related items, as proposed in the report or required by the local jurisdiction.

B. Structural

Submit 75% complete structural drawings including foundation plans, floor and roof framing plans, sections, elevations, general notes, schedules, and details. Coordinate floor or roof depressions and penetrations with architectural, mechanical, plumbing, and electrical work. Indicate major mechanical, electrical, and other special equipment items, and show chases or shafts. Show framing and support required at those locations.

Submit calculations for gravity and lateral (wind/seismic) load requirements. Submit structural specifications.

C. Architectural

Submit 75% complete architectural drawings including fully dimensioned floor plans showing all revisions required by comments from the design development phase. Submit interior details, elevations, and sections. Submit complete and coordinated finish, door, hardware, and window schedules. Submit roof plans, building sections, wall sections, and exterior elevations that show finish floor elevations and indicate all building systems and materials. Submit completed, coordinated reflected ceiling plans for entire building, indicating all ceiling mounted equipment, lighting fixtures, air diffusers, registers, tracks, etc. Submit 1/4-inch scale equipment plans, elevations, schedules, and details. Submit general notes, symbol legends, abbreviations, and all necessary and coordinated interior and exterior details. Submit fully edited specifications.

D. Interior Design

(1) *Fabrication of Sample Boards*

Provide 2 complete sets of sample boards. Distribution will be Contracting Officer-1 set, VAMC-1 set. Sample boards are not returnable. Designer should fabricate an extra copy of each submission for their records.

Identify each sample board with project and location information.

(2) *Product Samples*

Organize the finish and material samples on the boards to clearly convey the design intent. Apply an actual sample of all interior and exterior materials, finishes and paints specified on the project. Securely adhere all samples with a strong adhesive and/or double sided foam tape. Place exterior materials on a separate board. Assign a color and material code to all samples.

(3) *Sample Boards*

Use mat board, foam core or any other suitable lightweight material. Board size should not exceed 30" x 40". Use a white board. Backer boards of other colors may be used for bordering. Do not use frames.

(4) *Signage and Wayfinding*

Submit drawing(s), specifications, and narrative to illustrate the wayfinding concept and signage systems proposed for the project. Include all graphics and signage that are to be provided as part of the solicitation.

E. Sustainable Design and Energy Efficiency

Submit final documentation demonstrating LEED® Silver equivalency. Where proposed Credits will not achieve all federally-mandated strategies for sustainability and energy efficiency, submit documentation showing compliance with federally-mandated strategies. Submit final ASHRAE 90.1-2004 base-case energy model and as-designed energy model based on the Construction Documents, including all assumptions used, demonstrating compliance with the 30% energy reduction goal. Submit final models for all other systems. Submit final commissioning specifications.

F. Fire Protection/Life Safety

Submit 75% complete fire protection drawings. In addition to the drawing requirements of the Second Design Development submission, include the following:

Door and window schedule indicating fire rating and whether fire rated glazing will be provided;

Height and configuration of storage racks and shelving in relation to fire sprinkler heads;

Reference note to HVAC drawings that indicates interconnection of HVAC system components (dampers, fans) with duct smoke detectors and/or fire alarm system;

When fire pump is required, submit details of the fire pump system, including elevation and isometric detail of fire pump, and interconnection of the fire pump system to the fire alarm system;

Show zoning of each fire alarm initiating device, single line riser diagram for the fire alarm system, and detail of annunciator panel;

//For multi-story buildings, submit details of the stairwell sign, indicating stairwell number, floor number, and upper and lower floor terminus of stairwell, and interconnection of elevator controls with fire alarm system; //

//Interconnection of kitchen fire extinguishing system to the fire alarm system; //

Provide final calculations.

Submit fire protection specifications.

G. Mechanical

Provide complete and final engineering calculations of all systems. In addition to specifications, provide complete selection data, including catalog cuts and calculations, for all HVAC equipment and drawings showing all equipment schedules. Complete the coordination requirements with fire protection, electrical, plumbing, architectural (louvers, ceiling access panels, reflected ceiling plans, etc.), and structural work (operating weights of ceiling and floor mounted equipment, concrete and steel supports, roof and floor openings, etc.). Submit 75% complete HVAC floor plans for all areas, showing all ductwork and piping at 1/8-inch scale. Submit 75% complete HVAC floor plans for all mechanical equipment rooms with at least two cross-sections taken at right angles to each other at 1/4-inch scale. Show all equipment located on roof and/or grade.

H. Plumbing

Submit 75% complete and coordinated drawings to include riser diagrams, legend, notes and details. Submit specifications and final calculations.

I. Electrical

Complete the site and building electrical lighting, power, and lightning protection plans. Provide normal and emergency one-line riser diagrams including all conduit and cable quantities and sizes, complete ground system, and electrical equipment

amperage/voltage/phase/poles/AIC ratings. Show transformers, switchboards, panelboards, and feeders in relative positions. Tabulate all panelboard schedules. Provide specifications and final calculations. Provide written approval by the utility company of the design of the electrical incoming service.

J. Telecommunications and Special Systems

Show all new services to building from service providers and/or inter-connections. Complete a site plan and a one-line riser diagram including all conduit, backbone cable. Provide telephone, data, security, and special systems risers. Identify all devices and locations. Complete the building low-voltage floor plans. Provide complete specifications for all low-voltage systems and final device locations.

3.20.5 100% CONSTRUCTION DOCUMENTS

All disciplines: complete and coordinate all drawings, specifications, and schedules for 100% construction document submittal. Incorporate all VA and technical review comments. Provide seal (stamp) and signature of the responsible charged A/E on all construction documents and final calculations. Submit design team responses to review comments and QA/QC documentation with 100% document package for back check.

The documents submitted to the Authorities Having Jurisdiction for plan review and permitting shall be the 100% construction documents with VA review comments incorporated.

3.20.6 APPROVED PLANS AND PERMITS

Prior to the start of construction, submit to VA copies of all permits and two complete sets of construction documents as approved by the Authorities Having Jurisdiction.

3.21 PROJECT SCHEDULE

3.21.1 NAS SCHEDULE

The Lessor shall develop a Network Analysis System (NAS) plan and schedule demonstrating fulfillment of the contract requirements, shall keep the network up-to-date in accordance with the requirements of this paragraph, and shall utilize the plan for scheduling, coordinating, and monitoring work under this lease contract (including all activities of subcontractors, equipment vendors, and suppliers). Conventional scheduling techniques shall be utilized to satisfy time applications. All schedule data and reports required under this paragraph shall be based upon regular total float schedules. The Lessor shall designate an authorized representative in the firm who will be responsible for the preparation of the network diagram and will review and report progress of the project with and to the Contracting Officer or designee. The Lessor's designated representative shall have direct project control and complete authority to act on behalf of the Lessor in fulfilling the requirements of this paragraph, and such authority shall not be interrupted throughout the duration of the project.

3.21.2 SCHEDULE UPDATES

The Lessor shall provide to VA **monthly** computer-generated schedule report updates. The Lessor is responsible for the timely submission and correctness of the monthly reports provided to the Contracting Officer or designee. VA shall report errors in the reports to the Lessor's representative within seven (7) calendar days from receipt of reports. The Lessor

shall reprocess the reports when requested by the Contracting Officer or designee, to correct errors that affect the schedule for the project.

3.21.3 DATES

The successful Lessor shall provide a combined project schedule for design and construction. Within 45 calendar days after award, the Lessor shall submit to the Contracting Officer or designee a project schedule giving the dates on which the various phases of design and construction will be completed to coincide with the Government's required occupancy date (refer to Paragraph 1.6 of this Solicitation). The schedule shall clearly indicate the completion of significant activities/events, including but not limited to:

- Submittal of completed First Design Development Package
- Submittal of completed Second Design Development Package
- Submittal of 75% Construction Documents
- Submittal of 100% Construction Documents
- Issuance of a Building Permit
- Submittal to VA of copies of Permits and Approved Construction Documents
- Start of construction
- Completion of principal categories of work
- Testing and balancing
- Building Systems Certification
- Final inspection
- Final completion of construction
- Occupancy permit

3.21.4 ACTIVITIES

The schedule shall contain approximately //1,000// //____// activities/events and shall break up the work into activities/events of duration no longer than 20 work days each, except as to non-construction activities/events (i.e., submittal of shop drawings, submittal review, fabrication, procurement of materials and equipment, delivery of materials and equipment, concrete and asphalt curing, testing and balancing, etc.) and any other activities/events for which the Contracting Officer or designee may approve the showing of a longer duration. The duration for VA approval of any required submittal, shop drawing, or other submittals shall not be less than 15 calendar days.

The schedule shall describe work activities/events clearly, so the work is readily identifiable for assessment of completion. Activities/events labeled "start," "continue," or "completion," are not specific and will not be allowed. Lead and lag time activities will not be acceptable.

3.21.5 GOVERNMENT REVIEW

To the extent that the network diagram or any revised network diagram shows anything not jointly agreed upon, it shall not be deemed to have been approved by the Contracting Officer or designee. Failure to include any element of work required for the performance of this

contract shall not excuse the Lessor from completing all work required within any applicable completion date of each phase regardless of the Contracting Officer or designee approval of the network diagram.

3.22 PROGRESS REPORTS

After receipt of VA approved Second Design Development Submittal, the successful Lessor shall submit to the Contracting Officer or designee written progress reports every 30-calendar days, based upon the monthly updated NAS. The report shall include information as to percentage of the work completed by phase and trade, a statement as to expected completion and occupancy dates, changes introduced into the work, and general remarks on such items as material shortages, strikes, weather, or the like.

3.22.1 REMEDIAL ACTION

Whenever it becomes apparent from the current monthly updated schedule that phasing or contract completion dates will not be met, the Lessor shall execute some or all of the following remedial actions:

- Increase construction manpower in such quantities and crafts as necessary to eliminate the backlog of work.
- Increase the number of working hours per shift, shifts per working day, working days per week, the amount of construction equipment, or any combination of the foregoing to eliminate the backlog of work.
- Reschedule the work in conformance with the solicitation requirements.

The Lessor shall notify the Contracting Officer or designee as to what actions are being taken to mitigate the proposed schedule changes. The project schedule revisions shall be incorporated by the Lessor into the network diagram before the next update, at no additional cost to the Government.

3.22.2 REVISIONS TO SCHEDULE

Within 10 calendar days after any project progress schedule update, the Lessor shall submit a revised project schedule for any of the following reasons:

Delay in completion of any activity/event or group of activities/events that indicates an extension of the project completion by 20 working days or 10% of the remaining project duration, whichever is less. Such delays, which may be involved with contract changes, strikes, unusual weather, and other delays, will not relieve the Lessor from the requirements specified unless the conditions are shown on the schedule as the direct cause for delaying the project beyond the acceptable limits.

Delays in submittals, or deliveries, or work stoppage are encountered which make rescheduling of the work necessary.

The schedule does not represent the actual execution and progress of the project.

Project schedule revisions made under this paragraph that affect the previously approved computer-produced schedules for Government furnished equipment, contract phase(s) and

sub-phase(s) or any other previously contracted item, must be furnished in writing to the Contracting Officer or designee for approval.

3.22.3 APPROVAL OF SCHEDULE

The Contracting Officer or designee approval for the revised network diagram and all relevant data is contingent upon compliance with all other paragraphs of this section and any other previous agreements by the Contracting Officer or designee.

3.22.4 COSTS OF REVISIONS

The cost of revisions to the network diagram resulting from contract changes will be included in the proposal for changes in work as specified in Paragraph 3.8, Contract Changes, of this Solicitation, and will be based on the complexity of the revision or contract change, man hours expended in analyzing the change, and the total cost of the change.

The cost of revisions to the network diagram not resulting from contract changes is the responsibility of the Lessor.

3.23 CONSTRUCTION OBSERVATION

Observations of the work during construction will be made periodically by the Contracting Officer and/or the designated Contracting Officer's Technical Representative (COTR) to review compliance with the Solicitation requirements and the final working drawings.

Periodic reviews, tests, and other field observation by the Government are not to be interpreted as superintendence nor as resulting in any approval of the Lessor's apparent progress toward meeting the Government's objectives; but are intended to discover any information that the Contracting Officer may be able to call the Lessor's attention to prevent costly misdirection of effort. The Lessor will remain completely responsible for designing, constructing, operating, and maintaining the building in full accordance with the requirements of this Solicitation.

The Lessor shall provide VA with a copy of all inspection reports for inspections conducted by local, regional, and state code authorities from the start of construction through issuance of the certificate of occupancy.

3.23.1 RESIDENT ENGINEER'S OFFICE SPACE

The Lessor shall provide a temporary field office, furniture, and two-inch deep gravel-surfaced parking area for use of the Resident Engineer. Office and furniture shall be new or in "like new" condition.

A. Temporary Field Office

The field office shall provide not less than // 720 gross square feet // 1,440 gross square feet // of floor area in one unit. Installation of the office shall meet all local codes.

Provide office with two 3-foot wide exterior doors, including hardware and OSHA approved platform and stairs leading to grade. A stainless steel lock guard shall be provided over deadbolts on exterior at each door.

Enclose the entire perimeter of the office from the floor to the ground and finish to match exterior. Provide R7 insulation and seal tight to ground with a painted ¾-inch exterior grade plywood skirt.

Exterior finishes shall be manufacturer's standards.

Provide floor, wall, and roof with not less than R5 insulation.

Interior finishes shall consist of resilient flooring, plywood paneling or painted wallboard on walls, and acoustical tile ceilings. Interior doors may be either painted or stained.

Interior shall be subdivided with full height partitions to provide // one office, // two offices, // one sample room, one conference room, // one toilet // two separate toilets //. Provide each space with three-foot wide door with master keyed locks. Section off an area with a low partition and counter for the administrative assistant's desk // s //.

Provide 2-1/2 ft wide x 3 ft high operable windows; two in each room (none required in sample room), except provide only one 2-foot high window with frosted glass in toilet room(s). Provide steel mesh over all glass in doors and windows. The windows shall have mini-blinds.

Provide sufficient fluorescent lighting in each room to deliver 30-foot candles of light at desktop height without the aid of daylight. Provide one light switch in each room. Provide one cord-connected, portable 24-inch fluorescent task light at each secretarial workstation and office desk.

Provide one quadraplex receptacle in each wall of each room. If a wall is 10 feet long or more, provide two quadraplex receptacles for each 10 feet, or portion thereof, of wall. Provide two quadraplex receptacles in low partition at administrative assistant's desk.

B. Utilities and Services

The Lessor shall provide the following:

Electricity, hot and cold water, and necessary utility services (except telephone).

All necessary piping, power circuits, electrical fixtures, lighting, and other items necessary to provide a habitable structure for the purpose intended.

Thermostatically controlled, centralized heating and air conditioning system designed to maintain the temperature between 70 and 80 degrees F with 50% relative humidity. The relative humidity shall be uncontrolled.

One water closet, lavatory, mirror, toilet paper dispenser, paper towel dispenser, soap dispenser, towel bar, and two-prong coat hooks for each toilet room.

Telephone and Internet connections: Provide //three (3) telephone lines// //two (2) telephone lines and one (1) Internet cable service// //[insert required services]//.

Lessor shall, for the duration of the Resident Engineer's occupancy, provide the following:

- Shall be responsible for cost of utilities.
- Secure, safe, and sanitary conditions in and around the field office and parking area.

- Maintenance of gravel surfaced area, including the area for parking, in an acceptable condition for vehicle and foot traffic at all times.
- Maintenance of utility services.
- //Daily janitorial services and supplies (toilet paper, soap, etc.). //
- Potable water, fuel, and electric power for normal office uses, including lights, heating, and air conditioning.
- Lessor shall be responsible for all maintenance for field office and equipment including replacement of burned out light bulbs or tubes and changing of A/C filters.

C. Furnishings and Equipment

The Lessor shall provide the following new or "like" new reconditioned items:

QUANTITY REQUIRED

//1 Administrative assistant workstation with adjustable keying desk or drawer size 29-1/2" H x 60" W x 30" D

- 1 Printer stand, size 26-1/2" H x 60" W x 30" D
- 3 Office desks, double pedestal
- 1 Conference table, size 3' x 6'
- 1 Plan table 4' x 7'
- 3 Work tables, folding 30" x 72"
- 1 Secretary chair
- 4 Swivel chairs with arms
- 6 Conference chairs (armless and folding)
- 2 Arm chairs
- 4 5 drawer file cabinets, letter size
- 1 Drawing rack, with 12-30 inch "Plan Hold" drawing holders, freestanding
- 1 Shelves for sample room, 7 adjustable shelves, 12" W x 3' L
- 3 Bookcases
- 1 Electric water cooler
- 1 Metal storage cabinet, 36" x 18" x 72" with six shelves //

//2 Administrative assistant workstations with adjustable keying desk or drawer size 29-1/2" H x 60" W x 30" D

- 2 Printer stands, size 29-1/2" H x 60" H x 30" D
- 7 Office desks, double pedestal
- 2 Conference tables, size 3' x 6'

- 1 Plan table 4' x 20'
- 7 Work tables, folding 30" x 72"
- 2 Secretary chairs
- 7 Swivel chairs with arms
- 12 Conference chairs (armless and folding)
- 7 Arm chairs
- 8 5 drawer file cabinets, letter-size
- 2 Drawing racks, each with 12-30 inch "Plan Hold" drawing holders, freestanding
- 7 Bookcases
- 1 Electric water cooler
- 4 Shelves for sample 36" x 18" x 72" high, 7 adjustable shelves //

D. Disposition of Field Office at Completion of Construction

At the completion of all work, including the punch list, the Resident Engineer's field office and facilities, except 5 drawer file cabinets shall become the property of the Lessor, and Lessor shall remove same, including utility connections, from the site. The site shall be restored to original condition and finished in accordance with contract requirements.

E. Submittal of Plans for Field Office

The Lessor shall furnish floor plans for approval by the Resident Engineer prior to furnishing the field office.

3.24 SAMPLES AND SHOP DRAWINGS

The Lessor shall provide submittals to the Government for approval of all materials and equipment in accordance with this solicitation. The Government accepts no responsibility for checking schedules or layout drawings for exact sizes, exact numbers, or detailed positioning of items. Approval by the Government does not relieve the Lessor of the responsibility of complying with the requirements of the specifications and lease.

3.25 CONSTRUCTION WASTE MANAGEMENT

Recycling construction waste is mandatory for initial space alterations for tenant improvements and subsequent alterations under the lease. Recycling construction waste means providing all services necessary to furnish construction materials or wastes to organizations which will employ these materials or wastes in the production of new materials. Recycling includes required labor and equipment necessary to separate individual materials from the assemblies of which they form a part. Refer to Paragraph 4.8 SUSTAINABLE DESIGN AND ENERGY EFFICIENCY.

3.26 USE OF FACILITY PRIOR TO DATE OF POSSESSION

Space shall be delivered ready for occupancy by the date specified in Paragraph 1.6 of the Solicitation provided; however, subject to mutually satisfactory arrangements between the

Lessor and the Contracting Officer, the Government may enter the premises at any time subsequent to award of the contract to conduct such ceremonies as ground-breaking, cornerstone laying, and dedication, and may occupy such portions of the property as may be necessary for such purposes. Further, the Lessor agrees to prohibit the conducting of such ceremonies in the leased premises or on the site thereof arranged by parties other than representatives of VA unless written approval is obtained from the Contracting Officer.

3.27 PLANS: AFTER OCCUPANCY

Within 30 days after occupancy, the following as-built plans for the building under lease shall be provided to the Contracting Officer or designee. If the plans are not provided, VA will have the plans prepared at the Lessor's expense.

One set of mylar reproducible architectural floor plans, scaled at 1/8" = 1'-0".

One set of mylar reproducible equipment plans, scaled at 1/4" = 1'-0".

Purged computer files of architectural floor plans, and equipment plans in //AutoCAD 2009//____// format, shall be submitted on CD-ROM or DVD, properly labeled and indexed. Submission shall be accompanied with a written matrix, indicating the layering standards to ensure that all information is recoverable. All architectural features of the spaces shall be accurately shown.

3.28 PARTNERING

In order to accomplish this contract effectively, the Government proposes to form a cohesive partnership with the successful Offeror and its subcontractors. This partnership would strive to draw on the strengths of each organization in an effort to achieve a quality project, executed correctly the first time, within the budget, and on schedule. This partnership will be totally voluntary. The focus of partnering is to build a cooperative relationship with the private sector and avoid or minimize disputes, and to nurture a more collaborative ethic characterized by trust, cooperation, and teamwork. Partnering is defined as the creation of a relationship between the Government and the successful Offeror that promotes mutual and beneficial goals. It is a non-contractual, but formally structured, agreement formation of a "we" mentality for the benefit of the project. Any cost associated with developing this partnership will be agreed to by both parties after contract award, and will be shared equally with no change in contract price.

3.29 VAAR-85273-75 SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES (INTERIM – OCTOBER 2008)

The contractor and their personnel shall be subject to the same Federal laws, regulations, standards, and VA policies as VA personnel regarding information and information system security. These include, but are not limited to, Federal Information Security Management Act (FISMA), Appendix III of OMB Circular A-130, and guidance and standards, available from the Department of Commerce's National Institute of Standards and Technology (NIST). This also includes the use of common security configurations available from NIST's website at: <http://checklists.nist.gov>.

To ensure that appropriate security controls are in place, contractors must follow the procedures set forth in "VA Information and Information System Security/Privacy Requirements for IT Contracts" located at the following website: <http://www.iprm.oit.va.gov>.

SECTION 4 GENERAL DESIGN CRITERIA

4.1 CODES

The Lessor shall design and construct the building and site work in accordance with this solicitation, all applicable Federal regulations, local Building and Zoning Codes and ordinances, and applicable utility company requirements. The term "local building and zoning codes and ordinances," or similar text, shall be understood to mean the current codes and regulations as approved and administered by Authorities Having Jurisdiction (AHJ) at the project location at the time of permitting. Where there is a conflict between the various codes or standards, the most stringent shall apply.

4.2 CRITERIA FOR VA FACILITIES

4.2.1 VA ADOPTED CODES, STANDARDS, AND EXECUTIVE ORDERS

The Public Buildings Amendment Act of 1988, Public Law (Pub. L.) 100-678 requires Federal agencies to follow national recognized "model" building codes. The Federal Participation in the Development and Use of Voluntary Standards, Office of Management and Budget (OMB) Circular A-119, requires all executive agencies to rely on voluntary standards, both domestic and international, whenever feasible, and to participate in voluntary standard bodies. As a Federal agency, VA is required to comply with Executive Orders.

VA has adopted the following codes and standards as a minimum for all projects performed in the modernization, alteration, addition, or improvement of its real property and the construction of new structures. Applicable requirements have been incorporated in this Solicitation for Offers.

CODES / STANDARDS	EDITION
AIA/FGI (American Institute of Architects/Facility Guidelines Institute): Guidelines for Design and Construction of Healthcare Facilities	2006
ANSI/ASHRAE Standard 62.1 – Ventilation for Acceptable Indoor Air Quality	2007 (subject to revision)
ANSI/ASHRAE Standard 90.1 – Energy Standard for Buildings except Low-Rise Residential Buildings (Use ASHRAE Standard 90.1 – 2004 for computing energy benchmark.)	2007 (subject to revision)
ANSI/ASHRAE Standard 15 – Safety Standard for Refrigeration Systems	(subject to revision)
ANSI/ASHRAE Standard 170 – Ventilation of Healthcare Facilities	2008
Architectural Barriers Act Accessibility Standards (ABAAS, 36 CFR Part 1191)	2004
ASHRAE Handbook of Fundamentals	2005
ASHRAE Handbook of Refrigeration	2006
ASHRAE Handbook of Applications	2007
ASHRAE Handbook of Systems and Equipment	2008
ASME Boiler and Pressure Vessel Code	2007
ASME Code for Pressure Piping	2004

CODES / STANDARDS	EDITION
ASPE Data Book, Volume 1: Fundamentals of Plumbing Engineering	2004
ASPE Data Book, Volume 2: Plumbing Systems	2004
ASPE Data Book, Volume 3: Special Plumbing Systems	2004
Building Code Requirements for Reinforced Concrete, American Concrete Institute and Commentary (ACI 318)	2008
International Building Code (IBC), with the exception of Chapter 10, unless locally adopted	2009
International Energy Conservation Code (IECC)	2009
International Fuel Gas Code (IFGC)	2009
International Mechanical Code	2006
International Plumbing Code (IPC)	2009
Manual of Steel Construction, Load and Resistance Factor Design Specifications for Structural Steel Buildings, American Institute of Steel Construction (AISC)	2005
NFPA 101 – Life Safety Code	2009
All Remaining NFPA National Fire Codes with the exception of NFPA 5000 and NFPA 900	Current as published in May 2009
National Standard Plumbing Code (NSPC)	2006
Occupational Safety & Health Administration (OSHA) Standards (Healthcare)	2004
Safety Code for Elevators and Escalators, American Society of Mechanical Engineers (ASME) A 17.1	2007
Safety Standard for Refrigeration Systems – ASHRAE Standard 15	2007
SMACNA – HVAC Duct Construction Standards: Metal & Flexible	2005, 3 rd Edition
SMACNA – HVAC Air Duct Leakage Test Manual	1985
VA Barrier Free Design Guide, PG-18-13	2007
US Pharmacopeia (USP) Revised General Chapter <797> Pharmaceutical Compounding-Sterile Preparations	2008
VA Physical Security Design Manual – Life-Safety Protected	2007
VA Seismic Design Requirements, H-18-8	2008
VHA National CAD Standard Application Guide	2006

A. Life Safety

NFPA 101 primarily addresses life safety and fire protection features, while the IBC addresses a wide range of considerations, including, but not limited to, structural strength, seismic stability, sanitation, adequate light and ventilation, and energy conservation. VA buildings must meet the requirements of NFPA 101 and documents referenced by NFPA 101 in order to comply with the accreditation requirements of the Joint Commission. Therefore, designs shall comply with the requirements of NFPA 101 and documents referenced therein. Design features not addressed by NFPA 101 or documents referenced therein shall comply with the requirements of the IBC.

B. Mandatory Provisions for Energy Conservation

Federally mandated statutory requirements for energy conservation are also applicable to the leased facilities. These requirements include:

(1) *Federal Leadership in High Performance and Sustainable Buildings: MOU (Memorandum of Understanding) Dated November 2006*

This document was signed by 21 Federal Agencies under the Federal Leadership in High Performance and Sustainable Buildings. The stated goals and objectives of the MOU are:

New Construction: Reduction in the Energy Cost Budget by 30% over the Baseline performance rating of ASHRAE Standard 90.1 – 2004.

Reduction in the energy cost budget shall be implemented as the reduction in energy consumption measured as BTU (British Thermal Units) or Joules (J).

For major renovations, reduce the energy cost budget by 20% below pre-renovations 2003 baseline. In the event pre-renovation 2003 baseline data is not available, the A/E shall calculate the energy consumption before renovation, compare it with the energy consumption after renovation, and document the mandated saving. It is assumed that the use of the facility shall remain similar before and after the renovation. The term "major renovation" shall meet the following two guidelines:

- Area of renovation is greater than 50% of the total area.
- A project is planned that significantly extends the building's useful life through alterations or repairs and totals more than 30% of the replacement value of the facility.

Additional issues addressed by MOU are:

Commissioning: For the leased facilities, commissioning of the mechanical and other building systems shall be implemented to verify the intent of the design by inspecting and testing the systems.

Measurements and Verification: Per DOE Guidelines issued under section 103 of the Energy Policy Act of 2005 (EPAc), install building level utility meters in new major construction and renovation projects to track and continuously optimize performance. MOU mandates that the actual performance data from the first year of operation should be compared with the energy design target. After one year of occupancy, measure all new major installations using the Energy Star® Benchmarking Tool for building and space types covered by ENERGY STAR® or FEMP-designated equipment.

(2) *Energy Policy Act (2005):*

DOE issued mandatory energy conservation guidelines as the final rule for implementing provisions of EPAc 2005.

(3) *Executive Order 13423: Strengthening Federal Environmental, Energy, and Transportation Management*

Mandatory energy conservation guidelines are also reiterated in the above Executive Order. DOE has mandated that a new Federal building must be designed to achieve an energy consumption level that is at least 30% below the level achieved under Standard 90.1-2004, if life-cycle cost-effective.

C. Life-Cycle Cost (LCC) Analysis (Requirements)

If additional 30% reduction in energy consumption were not life-cycle cost-effective, the A/E must evaluate alternate designs at successive decrements (25%, 20%, or lower) in order to identify the most energy efficient design that is life-cycle cost-effective. And in so doing, all readily available energy conservation measures, with which the industry is generally familiar, should be considered and evaluated.

DOE further stipulates that the "agencies must estimate the life-cycle costs and energy consumption of the planned building as designed and an otherwise identical building just meeting the minimum criteria set forth in the applicable baseline ASHRAE or IECC standard." This measure is meant to demonstrate and record the mandated compliance and the extent of it.

D. Life-Cycle Cost Analysis (Methodology)

LCC shall be performed in accordance with the procedure outlined by the Department of Energy (DOE) in the National Institute of Standards and Technology (NIST) Handbook 135 dated February 1996 (or the latest version) – Life-Cycle Costing Manual for the Federal Energy Management.

E. Conflicts

Should a conflict exist between VA requirements and VA-adopted nationally recognized codes and standards, the conflict shall be brought to the attention of VA. The resolution of the conflict shall be made by the authority having jurisdiction for VA to ensure system-wide consistency.

4.2.2 SPECIAL BUILDING REQUIREMENTS**A. Isolation Exam Room Requirements:**

Facility must comply with requirements of Center for Disease Control (CDC) "Guidelines for Preventing the Transmission of Mycobacterium Tuberculosis in Health-care Facilities," MMWR, October 28, 1994, Vol. 43, No. RR-13. Lessor shall provide isolation exam rooms with the capability to treat undiagnosed patients who have symptoms of TB. Quantity and location of isolation exam rooms are indicated on the conceptual layout.

HVAC systems and monitoring shall be as specified in Paragraph 6.4 MECHANICAL.

B. Isolation Exam Room Certification

During HVAC systems balancing and/or commissioning, Lessor is responsible for certification of isolation exam rooms and the associated cost of certification of rooms. The Testing and Balancing report shall serve as certification that isolation rooms are under negative pressure.

C. //Sterile Compounding Area//

//The sterile compounding area in //Pharmacy// //Chemotherapy Agent Preparation// room [insert room numbers here] shall comply with the requirements of United States Pharmacopeia (USP) <797>. Specific features are shown on the conceptual drawings; Special Equipment requirements are in Schedule B; and special finishes are in Schedules C and E.

HVAC system requirements are in Paragraph 6.4. Electrical requirements are in Paragraph 6.7.

//

D. Water Coolers

The Lessor shall provide electric water coolers in the main lobby, each major waiting area, and in other areas as designated by the Contracting Officer. Lessor shall provide greater quantity of water coolers if required by Code. Water coolers shall be wall mounted bi-level electric water coolers.

E. Telecommunications/Special Systems Rooms

Design, size and construction of telecommunications, data, and special systems rooms and spaces shall comply with requirements in Paragraph 6.8.2 TELECOMMUNICATIONS/SPECIAL SYSTEMS ROOMS AND SPACE REQUIREMENTS.

F. Public Telephones

Provisions for two (2) public telephones shall be provided near the building entrance or main lobby and shall be part of the building phone system with restrictions placed on extension to allow local calls only. Installation shall be designed and constructed to meet accessibility criteria.

4.2.3 EXCLUSIONS FROM NET USABLE SPACE

A. Housekeeping Closets

A minimum of two (2) housekeeping aides closets (HAC) shall be provided for maintaining common areas in the building. Each HAC shall contain a service sink with hot and cold water, ample space for storage of cleaning equipment, and shelving for cleaning materials and supplies. Lessor shall provide the supplies in accordance with SECTION 8 of this SFO. **No rental will be paid for these spaces** (see Paragraph 3.14 RENTABLE AND NET USABLE SQUARE FEET of this Solicitation). In multi-story buildings, there shall be a minimum of one HAC per floor.

Provide additional housekeeping aides closets in leased spaces as required by VA Space Program (PART VI Schedule E). VA will pay rental for HACs required by Schedule E.

B. Public Restrooms and Lounges

Space for public toilets must be provided in addition to the net usable square footage requirement contained in Schedule E of this Solicitation. VA will pay no rental for this public restroom facility space. See Paragraph 3.14 RENTABLE AND NET USABLE SQUARE FEET of this Solicitation.

All public and common use toilet rooms shall be accessible to the handicapped. Accessible toilet facilities shall be located along an accessible path of travel and have accessible fixtures, accessories, doors with automatic door openers, and adequate maneuvering clearances. Accessible toilet rooms shall be identified with the international symbol of accessibility. Water closets and urinals shall not be visible when the exterior room door is open.

Separate toilet facilities for men and women shall be provided on each floor occupied by the Government in the building. The facilities must be located so that employees will not be required to travel more than 150 feet on one floor to reach the toilets.

Each toilet room shall have sufficient water closets enclosed with stall partitions and doors as specified in Paragraph 7.14 of this Solicitation, urinals (in men's rooms), and lavatories with hot (set at 105 °F [41 °C], if practical) and cold water in the number required by local Building Code and ordinances.

Public restrooms that have three or more stalls shall be provided with one lighting fixture on an emergency circuit or one emergency battery lighting unit with dual head.

Public Restrooms Fixture Schedule

Public restrooms and associated fixtures shall be provided in accordance with local code.

C. Building Equipment and Service Areas

Lessor shall provide adequate space for the installation, operation, and maintenance of building service equipment. Lessor shall provide office, shop, and storage space necessary for operation and maintenance of the building and grounds. **No rental will be paid for these spaces** (see Paragraph 3.14 of this Solicitation).

- Space for mechanical systems equipment.
- Space for plumbing systems equipment.
- Space for fire protection systems equipment.
- Space for electrical systems equipment.
- Space for telecommunications and special systems equipment (including telephone, data, alarm, security, and other systems).
- Space for building engineering control center.
- Office, shop, and storage space for building management services.
- Space for grounds maintenance.

D. Public Corridors and Entrance Lobbies

Lessor shall provide building entrance //lobby// //lobbies// as shown on conceptual plans. Lessor shall provide public corridors as necessary to common areas. **No rental will be paid for these spaces** (see Paragraph 3.14 RENTABLE AND NET USABLE SQUARE FEET of this Solicitation).

E. Vertical Circulation

Space for vertical circulation includes stairs (and stair enclosures or vestibules), elevator lobbies, elevator hoistways, and elevator machine rooms. **No rental will be paid for these spaces** (see Paragraph 3.14 RENTABLE AND NET USABLE SQUARE FEET of this Solicitation).

F. Shafts and Risers

Provide shafts, chases, and risers necessary for distribution of building services or utilities. **No rental will be paid for these spaces** (see Paragraph 3.14 RENTABLE AND NET USABLE SQUARE FEET of this Solicitation).

4.2.4 PHYSICAL SECURITY AND NATURAL DISASTERS RESISTIVE DESIGN

The requirements for "Life Safety Protected Facilities" (LSP) contained in the VA Physical Security Design Manual apply to all VA constructed or leased Outpatient Clinics. Lessor shall include the following provisions for Site Considerations, Building Entrances and Exits, Building Envelope, Structural System, Utilities and Building Service, Building Systems, Security Systems, and Special Areas in the design and construction.

A. Site Considerations*(1) Site Access and Roads*

Separate entrances to the site shall be provided for patients and visitors, employees and staff, emergency and service and delivery vehicles. Access roads for all vehicles shall allow for separate driveways to the building entrance, service yard or parking areas. Access roads from the entrances to parking for each vehicle type shall be separated, but may be connected for maintenance and emergency vehicles through gates controlled by access cards.

Access roads shall be configured to prevent vehicles from attaining speeds in excess of 25 mph. Avoid any straight-line vehicular approaches to the facility.

(2) Vehicle Barriers

Provide passive barriers adjacent to vulnerable perimeter fences, protection for site utility equipment, at building entrance, and other areas requiring additional protection from vehicles. Passive vehicle barrier shall be selected on the appropriateness of the architecture of the facility and specifics of the site and natural environment. Natural or man-made barriers may be used.

- Landscaping examples include berms, gullies, boulders, trees and other terrain.
- Hardscaping examples include benches and planters.
- Structural examples include walls, bollards and cables.

(3) Parking

No vehicle shall be parked or be permitted to travel close than 25 feet [7.62 m] to any life-safety protected VA Facility.

Parking and access for patients, visitors, and the persons transporting them to and from the VA facility shall be as convenient as possible to the main entrance, subject to the requirements above. Where vehicles are unscreened, make site provisions to accommodate a shuttle service for persons needing assistance. Parking and facility access shall comply with accessibility requirements.

Emergency entrance shall be provided with a small parking area for emergency patients and space for ambulances. Ambulances shall be permitted to approach the building directly and not be subjected to the distance requirements.

Vendors shall use the delivery vehicle entrance and service yard at the loading dock. Parking shall be provided for vendors in the service yard.

Where employees share access with patients and visitors, the entrance to the employee parking shall be controlled by a card-actuated gate. Employee parking areas shall be monitored by SSTV. Emergency alert systems, such as blue phones, shall be provided at the discretion of the VA Police.

When separation of types of traffic is not feasible, card-controlled access gates and other traffic separation measures shall be used.

B. Building Entrances and Exits

Public access to the facility should be restricted to //a single// //limited number of// entrances. The public entrance is to the main lobby of the facility. Staff entrances shall be located

independently of main entrance lobbies and be convenient to staff parking. Design access from drop-off to lobby to prevent a straight line of travel. Provide sufficient size to accommodate several people with mobility aids.

Public access shall include a screening vestibule with sufficient space and power, telecommunications, and data connections for installation of access control and screening equipment. When screening devices are not permanently installed, provide secure storage in close proximity to their installation location.

Entrance doors to the lobby shall be visible to or monitored by security personnel. Access from the lobby to elevators, stairways, and corridors shall be controlled. Separate the public lobby from adjacent areas with partitions that extend to the underside of the floor above. Glazing in the lobby area shall be laminated glass.

Public doors shall be capable of being remotely locked and unlocked from the reception desk in the main lobby. Secondary public entrance doors shall prevent unauthorized access. Staff entrance door hardware shall include either mechanical or electronic locks.

Means of egress doors that do not also function as entrances shall be provided with delayed action and alarmed emergency egress hardware. Delayed egress and alarmed exits shall comply with applicable codes and regulations. Means of egress shall not be obstructed by installation of security devices such as guard stations, screening equipment, or other security devices.

Access for Emergency Responders: The Fire Command Center (FCC) and secure house key box for emergency responders shall be located near an entrance door. The entrance shall be controlled and monitored by Security Surveillance Television (SSTV).

SSTV cameras shall be provided to monitor activities in the lobbies of new and existing life-safety protected facilities and shall be located to provide views of approaching pedestrian and vehicular traffic, drop-off areas, building entrances, and departing pedestrian and vehicular traffic. Provide SSTV cameras at locations with alarmed exits, at loading docks, and other areas subject to pilferage. Install door status monitors at doors intended to be used only for emergency egress.

C. Building Envelope

Non-load bearing walls shall be designed to withstand the design level vehicle threat. Walls shall be able to accept the tributary loads transferred from glazed fenestration in addition to the design level pressures applied directly to their surface.

Façade fenestration shall be designed and constructed using debris mitigating materials such as laminated glass. The glass shall be restrained within the mullions and the mullions shall be designed to accept the design level pressures. Curtain wall framing members shall span from slab to slab and shall not be attached directly to gravity load bearing elements (such as columns and shear walls) unless an advanced analysis of the load bearing element demonstrates it can accept the maximum forces of the members framing into it without compromising its load bearing capacity.

Roof structure shall be designed to withstand the design level vehicle threat taking into account the presence of parapets, the diffusion of blast waves, and the spatial extent of the roof surface.

Skylights shall be designed in response to the calculated peak pressures and impulses resulting from the design level vehicle threat. Skylight glass shall be restrained within the mullions and the mullions shall be designed to accept the design level pressures.

Penthouses enclosing mission-critical equipment shall be designed to resist the design level vehicle threat and to be consistent with the hardened intakes and exhausts.

D. Structural System

Structural systems shall be constructed to withstand the actual pressures and corresponding impulses produced by the design level vehicle threat and the design level satchel threat that may be delivered to loading docks, mailrooms, //below grade parking garages,// and lobbies prior to screening. The design shall provide a level of protection for which progressive collapse will not occur; the building damage will be economically repairable and the space in and around damaged area can be used and will be fully functional after cleanup and repairs.

E. Building Systems

HVAC systems: locate major mechanical equipment above the ground floor in an area not subject to flooding. All air intakes shall be located so that they are protected from external sources of contamination. Locate the intakes away from publicly accessible areas, minimize obstructions near the intakes that might conceal a device, and use intrusion alarm sensors to monitor the intake areas.

- Locate all outdoor air intakes a minimum of 100 feet [30.48 m] from areas where vehicles may be stopped with their engines running.
- Locate all outdoor air intakes a minimum of 30 feet [9.14 m] above finish grade or on roof away from the roof line.

Design air intakes and exhausts to minimize the blast over pressure admitted into critical spaces and to deny a direct line of sight from a vehicle threat located at the stand-off distance to the critical infrastructure within.

Maintain positive pressure in lobbies and entrance areas.

Fire protection systems: fire department hose connections located on the exterior of a building shall be secured in suitable enclosure that limits access to authorized personnel. Coordinate with the serving fire department.

F. Security Systems

Security Surveillance Television (SSTV): system shall be provided to monitor building entrances, restricted areas, mission critical asset areas, and alarm conditions. SSTV system shall be used for surveillance and observations of defined exterior areas, such as site and roadway access points, parking lots, and building perimeter, and interior areas from a centralized police operations room or security control center. The design, installation, and use of SSTV cameras shall support the visual identification and surveillance of persons, vehicles, assets, incidents, and defined locations.

The Intrusion Detection System (IDS) shall include motion detection, glass break, and door contact sensors, among other devices. These devices provide alternative methods to detect actual or attempted intrusion into protected areas through the use of alarm components, monitoring, and reporting systems. The IDS shall have the capability of being integrated with DSPI, PACS, and SSTV systems. All IDS shall meet UL 639 Intrusion Detection Standard.

IDS shall be used to monitor the site perimeter, building envelope and entrances, and interior building areas where access is restricted or controlled.

Physical Access Control System (PACS): shall include, but not be limited to: card readers, keypads, biometrics, electromagnetic locks and strikes, and electronic security management system (SMS). PACS devices shall be used for the purpose of controlling access and monitoring building entrances, sensitive areas, mission critical asset areas, and alarm conditions from an access control perspective. This includes maintaining control over defined areas such as site access points, parking lot areas, building perimeter, and interior areas that are monitored from a centralized SCC. PACS shall be able to be fully integrated with other security subsystems using direct hardware or computer interface.

Electronic Security Management System (SMS): The SMS shall allow the configuration of an enrollment and badging, alarm monitoring, administrative, asset management, digital video management, intrusion detection, visitor enrollment, remote access level management, and integrated security workstations or any combination thereof. Entry control software shall allow for programming of the PACS via a CPU. All software shall be updated per manufacturer's instructions. Network interface devices shall consist of all hardware and software required to allow for full interface with other security subsystems via a CPU.

Duress, Security Phones, and Intercom System (DSPI): The DSPI system is used to provide security intercommunications for access control, emergency assistance, and identification of locations where persons under duress request a security response. All components of the DSPI shall be fully compatible and shall not require the addition of interface equipment or software upgrades to ensure a fully operational system. DSPI shall be fully integrated with other security subsystems.

G. Special Areas

(1) General Design Criteria

Apply the following considerations in the layout and design of special areas within the outpatient clinic.

Agent Cashier: The agent cashier shall be located with the transaction window facing a corridor accessible to public and employees, but not opening to a lobby. There shall be no openings to the exterior of the building. The agent cashier space shall be accessed by a door to a corridor which is accessible only to employees of the facility. A duress alarm shall be provided in a location not visible to customers at the transaction window.

Telephone Equipment Room and/or Main Computer Room: The Telephone Equipment Room and/or Main Computer Room shall be located not closer than 50 feet [15.24 m] in any direction to main entrance lobbies, loading docks, and mailrooms, and in no case directly above or below such spaces.

Emergency Department: Provide direct observation of the waiting room from the Police Operations Room and direct access. Locate adjacent Police and Security Service Operations Room or as close thereto as feasible. Provide separate entrances for ambulatory patients and patients arriving by ambulance. Provide space for screening of pedestrians.

Emergency and/or Stand-By Generators: The emergency and stand-by generators and related switchgear may be located in a separate structure from the main building or within the main building. The generator room shall not be located at an elevation subject to flooding at

any time. The generator room shall not be located closer than 50 feet [15.24 m] of a loading dock/receiving area or mailroom, and shall not be located beneath such facilities. Areaways and louver openings serving the generator shall not open to the service yard for the loading dock. Entrances from the exterior shall not open to the loading dock service yard.

Mailroom: The mailroom may be located in the main building or in a separate structure on the site shared with loading dock, storage, and other non-critical functions. Mailrooms within the main building shall be located on an exterior wall. Mailrooms may be located immediately adjacent the following areas: service yard, trash containers, loading dock, freight elevators, and non-critical support areas. Mailrooms shall not be located adjacent to or within 50 feet [15.24 m] of the following: Security Control Center or Police Command Center, emergency or stand-by generators, UPS, main electrical switchgear, main utility service entrances, emergency egress from the main building, flammable liquids or gas storage, and outdoor air intakes.

Exterior entrance doors and frames to mailroom shall be constructed of heavy duty hollow metal and shall be controlled and monitored. When located within the main building, structural columns passing through the mailroom and inspection area and floor slabs above them shall be structurally hardened to sustain an explosion within the mailroom or inspection area from a charge weight defined in the Life Safety Protected Physical Security Design Manual. Mailboxes, when provided, shall be in a separate room from the mailroom and inspection area, and shall comply with the mounting heights and other regulations of the US Postal Service. The mailroom shall be separated from the mailbox room, corridors, and spaces adjoining with reinforced masonry walls and doors of hollow metal construction. The mailroom, including the inspection area and the exterior loading area serving the mailroom shall be monitored by SSTV.

Air serving the mailroom shall not circulate to other parts of the building.

Pharmacy: Deliveries to and shipments from pharmacies may be via the main loading dock and service yard. Pharmacies shall not be immediately adjacent the loading dock or mailroom.

Police Operations Room and Holding Room: Police operations room shall be located on the first floor of the building adjacent to the highest potential trouble area, such as emergency or urgent care room, or lobby and shall be located to allow appropriate response and deployment to respond to a security related event. Holding room shall be located within or adjacent to the police operations room. When the police operations room is adjacent to or opens onto areas occupied by unscreened public, such a lobbies, emergency rooms, and public corridors, construction, including partitions from slab to slab, doors, windows, and other openings separating the unit from such spaces, shall be 1-hour fire resistive, UL level 3 ballistic-resistant. SSTV surveillance shall be provided of the entire room through an opening glazed with transparent polycarbonate in a steel frame firmly anchored to the wall.

Records Storage: Record storage rooms shall be located not nearer than 50 feet [15.24 m] in any direction from main entrance lobbies, loading docks, and mailrooms and in no case directly above or below such spaces.

(2) *Additional Security Requirements*

Lessor shall provide the following physical security measures or features for the spaces or areas listed below.

SECURITY REQUIREMENTS for SPECIAL AREAS														
LOCATION	APPLICABLE REQUIREMENTS (X)													
	(See list below table)													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Canteen Retail Store	X	O	X	X	X					X	X			
Canteen Storage Room	X	O	X	X	X					X	X			
Canteen Office	X	O	X	X	X		X			O	X			
Agent Cashier	X		X	X	X		X			X	X			
Pharmacy and Supply Drug Storage Rooms	X	X	X	X	X			X	X	X	X		X	
Pharmacy Dispensing Areas	X		X	X	X	X				X				
Pharmacy Manufacturing Area	X		X	X	X				X	X	X			
Acquisition & Materiel Management (A&MM) (Supply Warehouse)	O	X	X	X	X						X			
Dental Precious Metal Storage	O		X	O	X						X			
Information Resources Management – DHCP	X		X	X	X					X	X			
Main Telephone Equipment Room; Computer Room	X		X	X	X					X	X			
Emergency Room and Treatment Rooms												X	X	X

1: Windows

Windows with sills less than 40 feet [12.19 m] from the ground or the roof of a lower abutment, less than 25 feet from windows of an adjoining building, and accessible by a building ledge leading to windows of other floor rooms require security mesh screening. Stainless steel security mesh screening shall be equivalent to woven mesh 0.028" wire diameter alloy #304 stainless steel, and have a tensile strength of 800 pounds per lineal inch. Mesh shall be equivalent to 12 x 12 per inch with main and sub frames of 12 gauge carbon steel with baked enamel finish and internal key locking slide bolts. Security mesh screens are to be installed on inside of windows.

2: Walls

All walls or partitions for the designated room shall be constructed to resist forced entry.

Exterior walls of brick or masonry construction shall be acceptable. Metal stud walls shall be reinforced with security mesh to provide equivalent protection.

Interior partitions may be solid 4-inch CMU or metal stud with security mesh. Metal lath or plaster base is unacceptable as security mesh. Security mesh shall be flattened, expanded metal manufactured from high strength, low alloy steel and shall conform to ASTM F 1267, Type 11, Class 1, Mill finish. Mesh designation: 3/4 #13F; Mesh Design Size 0.923 x 2.10 inch; Mesh Opening Size 0.688 x 1.781 inch; 13 meshes per foot, 74% open area; Mesh Strand Width 0.106 inch; Mesh Strand Thickness 0.078 inch; Weight 0.75 pounds per square

foot. Provide manufacturer's attachment clips and use recommended fasteners to secure mesh to wall framing.

3: Doors And Locks

Solid core wood or hollow steel door construction shall be 1-3/4" thick. Dutch or half doors are unacceptable. Hinge pins on door exterior (unsecured side) shall be non-removable type. Doors shall be set in hollow metal (steel) frames and fitted with mortise lock. All locking arrangements shall comply with NFPA 101 and shall require no more than one operation from the inside (in direction of egress) to unlock/unlatch the door regardless of the number of locks or latches.

Mortise lock shall have latch bolt and independent dead bolt (min 3/4-inch throw). Latch bolt must be automatically locking on door closure; requiring re-entry to the room with key or lock combination and allowing egress from the room by use of an inside lever. Key outside or thumb turn inside shall retract or project the dead bolt. When dead bolt is projected, inside lever shall simultaneously retract latch bolt and dead bolt. Combinations or keys to locks will be restricted to service employees and combinations changed immediately on the termination or reassignment of an employee.

4: Other Room Access Means

Ceiling overhead areas which enable entry into a secure room from an unsecured room must be barricaded by the installation of a suitable partition or ceiling which deters "up and over" access. Ventilation grills on doors which exceed 96 square inches [620 cm²] in area must be reinforced to prevent their removal from outside the room. All vents, ducts, and similar openings in excess of 96 square inches [620 cm²] that enter or pass through the secure space shall be protected with either bars or grills. If one dimension of the duct measures less than six inches [150 mm] or duct is less than 96 square inches [620 cm²], bars are not required; however, all ducts must be treated to provide sufficient sound attenuation. If bars are used, they must be 1/2-inch [12.7 mm] diameter steel welded vertically and horizontally six (6) inches [150 mm] on center; if grills are used, they must be of 9-gauge expanded steel. Openings in construction above ceilings or below raised access floors shall be protected as above.

5: Motion Intrusion Detectors

An intrusion detection alarm system which detects entry into the room and which broadcasts a local alarm of sufficient volume to induce an illegal entrant to abandon a burglary attempt. Intrusion detectors must have the following essential features:

An internal, automatic charging DC standby power supply and a primary AC power operation.

A remote, key operated activation/deactivation switch installed outside the rooms and adjacent to the room entrance door frame.

An automatic reset capability following an intrusion detection.

A local alarm level of 80 dB (min) to 90 dB (max) up to 100 feet [30.48 m] from the protected room.

An integral capability for the attachment of wiring for remote alarm and intrusion indicator equipment (visual or audio).

A low nuisance alarm susceptibility.

Intrusion detector equipment which operates on the principle of narrow beam interception, microwave, or photo electric eye is unacceptable.

Installation Notes:

A locally sounding alarm should not be installed in a room which is close to a cardiac care or other special treatment area where a loud alarm would have an injurious effect on patients.

Intrusion detector alarms will be remotely monitored by a commercial security alarm monitoring firm, a local police department, or a security office charged with building security.

The remoted alarms will be in addition to locally broadcast alarms in the protected areas.

6: Pharmacy Dispensing Counter

Partitions and windows of pharmacy dispensing counters shall be UL Level 3 ballistic construction and 15-minute forced entry construction, including partitions, doors, glazed openings, teller windows, and transaction trays.

7: Agent Cashier Counter

Partitions and teller windows facing the public corridor shall be UL Level 3 ballistic construction and 15-minute forced entry construction, including partitions, doors, glazed openings, teller windows, and transaction trays.

8: Bulk Drug Storage Safes And Vaults

Drugs classified as Schedule I or II controlled substances under the Controlled Substance Act of 1970 must be stored in safes or vaults which conform to the following specifications:

//Safes will be GSA class 5 security containers weighing no less than 750 pounds. Due consideration shall be applied to the design of the floor system's live load capacity.//

//Lessor shall construct Type I vault for outpatient clinic. Size and location are shown on the conceptual layout in this SFO. Vault specifications are as follows:

Type I Vault: Enclosures constructed on steel security screen, woven mesh, .047" wire diameter alloy #304 stainless steel, and have a tensile strength of 1,600 pounds per lineal inch. Mesh 10 x 10 per inch with main frame and subframes of 13 gauge alloy #304 stainless steel. In rooms with dropped ceilings, the vertical frames and mesh walls must meet the actual ceiling or a security mesh ceiling installed below the false ceiling.//

9: Bulk Drug Storage Cabinets

Steel cabinet with adjustable shelving and built in locking devices are required for the storage of bulk supplies of Schedule II to V controlled substances.

10: Security Surveillance TV

Security surveillance TV camera with motion detector feature on cameras and at monitor location.

11: Special Key Control

Room door lock keys and day lock combinations, where applicable, are Special Keys and are not mastered.

12: Drug Cabinets

//Lessor// //VA// shall provide key locked, all steel cabinets to be firmly anchored in place are required for emergency room or treatment room storage of small quantities of controlled substances. Quantities and locations of drug cabinets shall be as listed in Schedule B.

13: Refrigerators

VA furnished and installed. //Lessor shall provide refrigerators as listed in Schedule B equipped with built in lock mechanism when used to store controlled substances (all schedules) and other potentially dangerous drugs and when located outside a locked or attended drug storage room.//

14: Medicine Cabinets

VA furnished and installed. // Provide secure narcotics locker(s) as listed in Schedule B.//

H. Natural Disasters Resistive Design

//Lessor shall include the following specific provisions for emergency utility services, emergency site access facilities, and resistive design of non-structural building elements. Where local Seismic Code is more stringent, comply with local code. Non-structural building elements include all components or systems that are not part of the building's structural system whether inside or outside, above or below grade. Non-structural elements of buildings include architectural, elevator and transport, mechanical, plumbing, and electrical elements.//

I. Emergency Utilities

(1) Electric Power Services

Provide emergency electric power in accordance with the requirements of Paragraph 6.7.8 Essential Electrical Systems for Clinics herein.

(2) //Natural Gas Service

In addition to a manual shut-off valve, provide an earthquake-sensitive automatic safety shut-off valve in the on-site gas supply line serving the outpatient clinic.//

J. Emergency Site Access Facilities

(1) Ground Transportation

Provide for emergency access to VA premises from two or more public roads.

//Design on-site bridges, retaining walls, culverts, and other road structures, which conduct traffic, to comply with local seismic code requirements.//

(2) //Air Transportation//

//Provide a safe and reliable on-site space for ready access of emergency helicopters on a parking area, road, or lawn. Provide an appropriate access for transporting patients and supplies both ways between the helicopters and outpatient clinic building.//

K. Seismic and Natural Disasters Resistive Design of Non-Structural Building Elements

(1) Definitions

Non-structural building elements include all components or systems that are not part of the building's structural system whether inside or outside, above or below grade. Non-structural elements of buildings include:

Architectural Elements: Facades that are not part of the structural system and its shear resistant elements; cornices, and other architectural projections and parapets that do not function structurally; glazing; nonbearing partitions; suspended ceilings; stairs isolated from the basic structure; cabinets; bookshelves; medical equipment; and storage racks.

Electrical Elements: Normal and emergency power and lighting systems; switchboards, panelboards, and transformers; emergency engine-generator sets and automatic transfer switches; motor controllers; elevator and transport systems; fire alarm systems; and telecommunication systems.

Mechanical Elements: Heating, ventilating, and air-conditioning systems; medical gas systems; plumbing systems; sprinkler systems; pneumatic systems; and mechanical and structural elements for transport systems, i.e., elevators and dumbwaiters, including hoisting equipment and counterweights.

(2) //Earthquake Resistive Design Requirements//

//Provide restraints, flexibility of service connections, and field reinforcements, or a combination of those provisions, for earthquake-resistive design provisions for non-structural elements of buildings. Design and detail restraint systems under supervision of a professional structural engineer registered in the state where the project is located. Clearly indicate all special seismic details for restraining non-structural elements on the construction drawings. Drawings shall be sealed by the structural engineer.

Restraints: Provide bolts, anchors, hangers, braces, and other restraining devices to limit earthquake-generated differential movements between non-structural elements and the building structure. Brace suspended items, including piping, conduit, ducts, and lighting fixtures in both directions to resist swaying and excessive movement.

Flexibility: Keep mechanical and electrical systems crossing building expansion or seismic joints to a minimum, and provide flexibility to allow for earthquake-generated differential movements. Where possible, restrict these crossings to lower stories. Where these systems must cross such joints, provide flexible joints, expansion loops, or other effective methods of incorporating flexibility. Allow for anticipated differential movement for sleeves and openings. Use flexible electrical raceways where connecting components would experience damaging relative movements.

Field Reinforcement: Reinforce all field fabricated non-structural elements of buildings and equipment to resist damage from earthquake-generated motions.

Architectural Items at Seismic Joints: At seismic joints, detail ceiling and wall construction to allow movement without damage. Do not cross seismic joints with suspended ceiling systems with lay-in tiles. Do not assume finishes in the vicinity of seismic joints to be sacrificial.//

(3) //Hurricane and Flood Resistive Design Requirements//

//Design and construct the outpatient clinic building and utilities to comply with local code requirements and to provide the following resistive features.

Automatic Transport Systems: Provide sump pump pit for portable storm water pump in elevator pit.

Air Conditioning Systems: If possible, avoid the installation of outdoor equipment such as cooling towers, roof mounted fans, ventilators, and air-conditioning units on the roof. If exterior installation is necessary, properly secure equipment to withstand wind forces that comply with local codes. If there are no local codes, use wind velocities indicated in ASCE 7-05 or later version if available.//

4.3 FIRE PROTECTION

The Public Buildings Amendment Act (PL 100-678) requires all Federal agencies to follow the latest editions of nationally recognized fire and life safety codes. Lessor shall comply with applicable provisions of the local codes and VA adopted codes and standards (Paragraph 4.2). Where conflicts exist between these standards and local codes, the designer shall satisfy the most stringent requirement. Strict compliance to codes and standards is mandatory for new construction.

4.3.1 SITE CONSIDERATIONS

Provide access for emergency vehicles to buildings and additions. Design roads, fire lanes, and turn-arounds for the weight and turning radius of fire apparatus. Consult local fire department for fire apparatus requirements. At minimum, one of the long sides of every building shall be accessible to fire department equipment.

Barriers must be placed adjacent to vulnerable perimeter fences, protection for site utility equipment, at building entrance, and other areas requiring additional protection from vehicles.

Parking: Passenger vehicles shall not be parked or permitted to travel closer than 25 feet [7.62 m] to a life-safety-protected VA facility.

4.3.2 BUILDING CONSTRUCTION

Types of Construction: Base the design on the construction type necessary to comply with code requirements for the most restrictive occupancy in the building in accordance with NFPA 101 and locally adopted codes and standards. Should a conflict exist between NFPA 101 requirements and locally adopted codes and standards, the more stringent requirement shall apply.

Consider separation distances to adjoining structures or hazards. Protect exterior walls and openings from exposure as required by Code. Locate combustible structures or structures that have combustible roof assemblies a minimum of 25 feet [7.62 m] from the exposed building. Shelters or pavilions that are of masonry construction shall not be located within 10 feet [3 m] of any building opening.

Roof coverings shall be approved or listed by a nationally recognized testing laboratory for compliance with UL standard 790 and be Class B minimum. Roof deck assemblies shall be FM Class I approved, or UL listed as Fire-Classified.

4.3.3 OCCUPANCY TYPE

Occupancy classifications are defined in NFPA 101 and as follows:

4.3.4 MEANS OF EGRESS

All exits, stairs, corridors, aisles, and passageways that may be used by the Government shall comply with the latest edition of NFPA 101 ("Life Safety Code") and locally adopted codes and standards for the occupancy classification. Should a conflict exist between NFPA 101 requirements and locally adopted codes and standards, the more stringent requirement shall apply. Corridors shall comply as follows:

Major corridors shall have a minimum width of 8 feet [2.44 m] and departmental corridors shall have a minimum width of 6 feet [1.83 m]. Major and departmental corridors are defined in SECTION 7 below.

4.3.5 FIRE PROTECTION IN HAZARDOUS AND HIGH HAZARD AREAS

Hazardous and high hazard areas within the outpatient clinic shall be protected as prescribed in NFPA 101, Life Safety Code and local building codes and ordinances. Areas identified as high hazard shall be protected by not less than a minimum 1-hour fire enclosure with C-labeled doors and automatic sprinklers.

A. Storage Rooms

Storage rooms of 50 or more square feet [15.24 sq m] net area shall be considered hazardous areas and comply with appropriate occupancy chapter requirements of NFPA 101.

Rooms containing medical records storage or moveable-aisle/mobile shelving shall be provided with automatic sprinkler protection and enclosed with a barrier having a one-hour fire resistance rating.

B. Flammable and Combustible Storage

Flammable and Combustible Liquid Storage shall comply with NFPA 30. Do not locate laboratories in basements. Provide adequate space for flammable and combustible liquid storage cabinets.

C. //Compressed Gas/Cryogenic Liquid Storage//

Location, construction, and arrangement of compressed medical gas storage areas shall comply with NFPA 99.

Bulk oxygen supply systems or storage locations having a total capacity of more than 20,000 cu feet [566 cu m] of oxygen shall comply with NFPA 55.//

D. Laboratories

//Laboratories using flammable or combustible liquids in buildings with outpatients incapable of self-preservation shall comply with NFPA 99. These laboratories shall be enclosed with a barrier having a one-hour fire resistance rating. //

//Laboratories using flammable or combustible liquids shall comply with NFPA 45.//

4.4 ENVIRONMENTAL**4.4.1 INDOOR AIR QUALITY**

Apply requirements of the latest version of ANSI/ASHRAE Standard 62, Ventilation for Acceptable Indoor Air Quality. This standard affects the way ventilation systems are designed and operated. Provide certification to the Contracting Officer that the building is in compliance with this standard. This certification shall be submitted as part of the commissioning process. Refer also to 4.8, SUSTAINABLE DESIGN AND ENERGY EFFICIENCY for indoor air quality before occupancy, and for use of low-VOC-emitting materials.

Air contaminant levels (e.g., dust, vapor, fumes, and gases) shall not exceed those in 29 CFR 1910.1000 and 1910.1001. When actual concentration levels equal or exceed 50% of the levels in 29 CFR 1910, remedial actions shall be initiated. Use of evaporative cooling systems will not be allowed.

The Lessor shall control contaminants at the source so that in no instances during facility operation shall levels for carbon monoxide (CO), carbon dioxide (CO₂), and formaldehyde (HCHO) exceed indicator levels for office areas of: (1) CO – 9 parts per million (ppm) time weighted average (TWA – 8-hour sample); (2) CO₂ – 1000 ppm (TWA); and (3) HCHO – 0.1 ppm (TWA).

Materials that are used for interior design including wall and floor treatment shall emit low amounts of Volatile Organic Compounds. Refer to Paragraph 4.8.

The Lessor shall promptly investigate indoor air quality (IAQ) complaints submitted through the Contracting Officer or his designee, as appropriate. The Lessor shall implement necessary controls to bring facility into compliance with requirements contained in this document including alteration of building ventilating, heating and air conditioning systems, and operating procedures (e.g., adjusting air intakes, adjusting air distribution, cleaning and maintaining HVAC, etc.).

VA reserves the right to conduct independent IAQ assessments and detailed studies in space it occupies, as well as in space serving the VA leased space (e.g., common use areas, mechanical rooms, HVAC systems, etc.). The Lessor shall assist VA in its assessments and detailed studies by making available information on building operations and Lessor activities, providing access to space for assessment and testing, if required, and implementing corrective measures required by the Contracting Officer.

4.4.2 ASBESTOS

Materials containing asbestos shall not be used. It shall be the responsibility of the Lessor to certify that asbestos-containing materials have not been used in the construction of the building to be occupied by VA. Lessor acquisition process for materials used in construction, including, but not limited to, thermal insulation, surfacing material, floor tile, sheet vinyl, and fireproofing material shall include clauses to specifically exclude asbestos from the materials being used in the building. //For existing buildings, the Lessor shall submit certification signed by an independent Certified Industrial Hygienist that friable asbestos containing materials have been removed to the maximum extent feasible.// The foregoing applies to soil in crawl space containing asbestos in levels that are deemed excessive by State and Federal requirements. Lessor is to provide information in the form of an asbestos survey conducted in conformance to AHERA requirements on the location of all remaining friable and non-friable asbestos. This

certification shall be submitted prior to occupancy by the government. The Contracting Officer shall review the certification provided by the Lessor. Lessor shall guarantee that all non-friable asbestos that becomes friable due to any reason shall be removed in accordance with applicable State and Federal requirements.

4.4.3 RADON MEASUREMENT AND CORRECTIVE ACTION

Radon levels in space leased to the Government shall not equal or exceed the Environmental Protection Agency (EPA) action level for homes of 4 picocuries per liter (pCi/L).

The space proposed for lease to the Government, which is in ground contact or closest to the ground, shall be measured by the Lessor for radon and the results certified in accordance to EPA procedures. For structures built on a slab (i.e., without a basement) radon levels shall be tested on the first floor of the structure. Radon detectors shall be placed throughout the required area to ensure coverage meets EPA and/or State recommended requirements. In any case, each detector shall cover no more than 2,000 square feet [609.6 sq m] of space. Radon shall be measured in accordance with EPA and manufacturer required procedures for a minimum of 90 days using either Alpha Track Detectors or Electret Ion Chambers. If 90 day testing period is not possible, Alpha Track Detectors may be used for a minimum period of 2 to 4 weeks or Charcoal Canisters or Electret Ion Chambers for a period of 2 to 3 days. If measurements are made for fewer than 90 days, follow-up measurements for a minimum of 90 days, using either Alpha Track Detectors or Electret Ion Chambers, must be completed. A laboratory successfully participating in the EPA-sponsored radon measurement proficiency program shall perform laboratory detector analyses. Quality control/quality assurance procedures shall be developed in accordance with industry standards and applied to radon testing results. Provide VA with a copy of the lab analysis and actual radon measurements for each detector used in support of the certification.

If the space offered for lease to the Government is in a building under construction or proposed for construction, the Lessor shall construct the building to the maximum extent feasible in such a way to minimize radon intrusion into the building. Lessor shall perform the necessary radon testing and submit a certification to the Contracting Officer within 30 days after the test is completed, but not later than 150 days after VA occupies the space. If radon measurements at or above 4 pCi/L are detected, the Lessor shall promptly initiate corrective action to reduce the level to below 4 pCi/L. If the Lessor does not affect corrective action, this is sufficient reason by itself for VA to void or not enter into the lease agreement.

VA reserves the right to measure radon in the space it leases at any time during the term of the lease. If radon measurements at or above 4 pCi/L are detected, the Lessor shall promptly initiate corrective action to reduce the level to below 4 pCi/L. If radon at or above 4 pCi/L is detected, the Lessor shall restrict the use of the area and provide comparable temporary space for the tenants until the corrective action is completed. Follow-up measurements shall be conducted by the Lessor to determine the effectiveness of the corrective action. The Lessor at no additional cost to VA shall provide all corrective actions, tenant relocation, and follow-up measurements. The Lessor shall provide VA with prior written notice of any proposed corrective action or tenant relocation.

4.4.4 RADON IN WATER

Two water samples constituting a sampling pair shall be taken from the same location for quality control. They shall be obtained inside the building and as near the non-public water source as is practical, in accordance with EPA's Radon in Water Sampling Program Manual.

An analysis of water samples for radon must be performed by a laboratory that uses the analytical procedures as described in EPA's Two Test Procedures For Radon in Drinking Water.

The Lessor shall perform the necessary radon testing and submit a lab test and a certification to the Contracting Officer before VA occupies the space.

If the EPA action level is reached or exceeded, the Lessor shall institute abatement methods which reduce the radon to below the EPA action level, such as aeration, prior to occupancy by VA.

4.4.5 POTABLE WATER QUALITY

Potable water provided to VA from municipal or community water systems shall meet EPA and/or state standards for contaminants. //For existing buildings, Lessor will repair or replace existing plumbing that is shown to increase the contaminants in municipal or community supplied water to levels that exceed EPA and/or state requirements.//

If potable water does not meet EPA and/or state standards, Lessor shall take action necessary to reduce contamination to acceptable levels. Lessor shall test potable water periodically to ensure that it continues to meet EPA and state standards. Lessor shall provide bottled water at his/her expense at any time contaminant levels exceed EPA and/or state requirements. If potable water does not meet EPA and/or state standards, Lessor shall take action necessary to reduce contamination to acceptable levels.

//Potable water provided to VA from on site wells or other non-municipal sources shall meet minimal EPA and/or state standards for contaminants.//

4.5 SPECIAL ENVIRONMENTAL REQUIREMENTS

Any leased project over 75,000 GSF shall comply with the National Environmental Policy Act of 1969. Sites with proposed buildings of less than 75,000 GSF Must acquire CERCLA and SHPO clearance.

If required, special building equipment to treat and exhaust to the atmosphere toxic gases produced by the agency program equipment shall be provided by Lessor. All such installations shall comply with appropriate OSHA, EPA or related regulations of the local community. Lessor shall obtain all necessary permits for construction and operation. In addition, provide up to 100% outside air for clinical laboratories and other areas designated in Section 6 Mechanical requirements.

4.6 ACCESSIBILITY STANDARDS

The design, construction, and alteration of facilities shall comply with local codes and ordinances. In addition, all VA facilities must comply with the Architectural Barriers Act Accessibility Standards (ABA-AS) as adopted by GSA and VA Program Guide PG-18-13, "Barrier Free Design Guide."

The ABA-AS consists of Appendices C and D to 36 CFR Part 1191 (ABA Chapters 1 and 2, and Chapters 3 to 10) and is available from United States Access Board <http://www.access-board.gov/>.

VA Barrier Free Design Guide PG18-13 is available from VA Technical Information Library at <http://www.cfm.va.gov/til/dGuide/barrfree.doc>.

The Offeror shall comply with the stricter of these standards for each requirement as determined by the Government. **Offerors are cautioned that compliance with ADA does not assure compliance with PG-18-13.** The following list includes some of the requirements from the "Barrier Free Design Guide" that typically exceed ADA or local requirements. The more stringent requirement shall be followed.

VA Accessibility Standards from PG-18-13	
Paragraph	Description of Requirement
4.1.1(5)(e)(i)	3% of total parking spaces shall be accessible
4.3.4	5'-0" minimum width for accessible routes
4.3.7	1:33 (3%) maximum slope for accessible routes, including parking spaces
	1:50 minimum gradient for walk requiring rest areas
	6'-0" x 6'-0" minimum size of level platform at doors
4.5.3	Carpet cushion or padding <u>is not</u> permitted
4.6.3	5'-0" access aisle required <u>both</u> sides of accessible parking spaces
4.7.3	4'-0" minimum width for curb ramps
4.8	Requirements for ramps: 1:20 maximum slope 40-foot max length for slopes between 1:33 and 1:24 35-foot max length for slopes to 1:20 4'-0" minimum clear width 6'-0" x 6'-0" minimum landing where doors swing into landing
4.9.4(5)	34" handrail height (not a range of heights)
4.10	4'-0" minimum elevator door width Double set of handrails required: 3" x 3/8" with centerlines at 30" and 42" above car floor 8'-0" x 6'-0" minimum passenger elevator platform size
4.13	2'-10" (34") minimum clear opening
4.17	Toilet Stalls: 5'6" x 6'-0" minimum accessible stall size

VA Accessibility Standards from PG-18-13	
Paragraph	Description of Requirement
	3'-6" x 6'-0" minimum size "front transfer" stall Grab bars are required in all stalls (not just accessible stalls)
4.22	3'-0" (36") minimum width of toilet room entrance doors
5.0	Cafeterias: 2'-3" (25") minimum knee clearance dimension, and 2'-5" (27") for minimum 5-percent of tables 40 to 48" range for cutlery and supply height

4.7 OSHA REQUIREMENTS

The Lessor agrees to comply with all Occupational Safety & Health Administration (OSHA) Safety and Health Standards located in 29 CFR.

4.8 SUSTAINABLE DESIGN AND ENERGY EFFICIENCY

4.8.1 LEED® SILVER EQUIVALENCY

Demonstrable LEED® Silver equivalency is required. Lessor shall provide documentation that the design and construction of facilities meets this goal. From the entirety of available LEED® Credits, certain credits are mandatory. The Lessor shall supplement the mandatory credits with other credits chosen to accomplish sufficient credits for LEED® Silver equivalency. The latest version of LEED® available shall be used. The mandatory credits (based on LEED® 3) are:

Water Efficiency:	Credit 1 Water Efficient Landscaping, Reduce By 50%
Energy & Atmosphere:	Credit 3 Enhanced Commissioning
Materials and Resources:	Credit 5 Regional Materials, 20% of Materials
Indoor Environmental Quality:	Credit 2 Increased Ventilation
Indoor Environmental Quality:	Credit 3.2 Construction IAQ Management Plan – Before Occupancy
Innovation & Design:	Credit 2 LEED® Accredited Professional

LEED® prerequisites necessary to obtain the required credits are also required. These include:

Water Efficiency	WEp1, Water Use Reduction
Energy & Atmosphere:	EAp1, Fundamental Commissioning of Building Energy Systems; EAp2, Minimum Energy Performance; and PR3, Fundamental Refrigerant Management
Materials and Resources:	MRp1, Storage and Collection of Recyclables
Indoor Environmental Quality:	EQp1, Minimum Indoor Air Quality Performance; EQp2, Environmental Tobacco Smoke (ETS) Control

4.8.2 STRATEGIES

Design and construction of facilities must meet Federal Mandates for sustainability and energy efficiency.

The Lessor shall employ the following strategies.

A. Employ Integrated Design Principles*(1) Integrated Design*

Use a collaborative, integrated planning and design process that initiates and maintains an integrated project team in all stages of a project's planning and delivery.

Establish performance goals for siting, energy, water, materials, and indoor environmental quality along with other comprehensive design goals and ensure incorporation of these goals throughout the design and lifecycle of the building. Consider all stages of the building's lifecycle, including deconstruction.

(2) Commissioning

Employ commissioning practices tailored to the size and complexity of the building and its system components in order to verify performance of building components and systems and help ensure that design requirements are met. This should include an experienced commissioning provider, inclusion of commissioning requirements in construction documents, a commissioning plan, verification of the installation and performance of systems to be commissioned, and a commissioning report. The systems to be commissioned include active and passive HVAC equipment and controls, plumbing systems, lighting and daylighting controls, domestic hot water systems, and onsite renewable energy systems.

Plumbing systems shall also be integrated into the commissioning plan. The commissioning plan shall define pressure test procedures for all pipe systems, shower or bathroom basin leakage tests, plumbing fixture carrier installation, plumbing fixture flow rate adjustment, system chlorination and flush, *Legionella* disinfection, booster pump package, backflow prevention devices tested by a third party and reports included in the final commissioning report, thermostatic mixing valves, vacuum system, medical air system, oral evacuation system, dental compressed air system, natural gas and fuel system, and special water systems.

B. Optimize Energy Performance*(1) Energy Efficiency*

Establish a whole building performance target that takes into account the intended use, occupancy, operations, plug loads, other energy demands, and design to earn the Energy Star® targets for new construction and major renovation where applicable. For new construction, reduce the energy use by 30% compared to the baseline building performance rating per the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., (ASHRAE) and the Illuminating Engineering Society of North America (IESNA) Standard 90.1-2007, Energy Standard for Buildings Except Low-Rise Residential. If available, use Energy Star and FEMP-designated Energy Efficient Products.

Per the Energy Independence and Security Act (EISA) Section 523, meet at least 30% of the hot water demand through the installation of solar hot water heaters, when life-cycle cost-effective.

(2) Measurement and Verification

Per the Energy Policy Act of 2005 (EPAct) Section 103, install building level utility meters in new major construction and renovation projects to track and continuously optimize performance. Per EISA Section 434, include meters for natural gas and steam, where appropriate.

Compare actual performance data from the first year of operation with the energy design target. After one year of occupancy, measure all new major installations using the Energy Star® Portfolio Manager for building and space types covered by Energy Star®.

Annually provide data to VA.

C. Protect and Conserve Water*(1) Indoor Water*

Employ strategies that in aggregate use a minimum of 20% less potable water than the indoor water use baseline calculated for the building, after meeting the EPAct 1992, Uniform Plumbing Codes 2006, and the International Plumbing Codes 2006 fixture performance requirements. The installation of water meters is encouraged to allow for the management of water use during occupancy.

(2) Outdoor Water

Use water efficient landscape and irrigation strategies, including water reuse and recycling, to reduce outdoor potable water consumption by a minimum of 50% over that consumed by conventional means (plant species and plant densities). The installation of water meters for locations with significant outdoor water use is encouraged.

Employ design and construction strategies that reduce storm water runoff and polluted site water runoff. Per EISA Section 438, to the maximum extent feasible, maintain or restore the predevelopment hydrology of the site with regard to temperature, rate, volume, and duration of flow, using site planning, design, construction, and maintenance strategies.

(3) Process Water

Per the Energy Policy Act of 2005 Section 109, when potable water is used to improve a building's energy efficiency, deploy life-cycle cost-effective water conservation measures.

(4) Water-Efficient Products

Use EPA's WaterSense-labeled products or other water conserving products. Choose irrigation contractors who are certified through a WaterSense-labeled program.

D. Enhance Indoor Environmental Quality*(1) Ventilation and Thermal Comfort*

Meet ASHRAE Standard 55-2004, Thermal Environmental Conditions for Human Occupancy, including continuous humidity control within established ranges per climate zone, and ASHRAE Standard 62.1-2007, Ventilation for Acceptable Indoor Air Quality.

(2) Moisture Control

Establish and implement a moisture control strategy for controlling moisture flows and condensation to prevent building damage and mold contamination.

(3) Daylighting

Achieve a minimum of daylight factor of 2% (excluding all direct sunlight penetration) in 75% of all space occupied for critical visual tasks. Provide automatic dimming controls or accessible manual lighting controls, and appropriate glare control.

(4) Low-Emitting Materials

Specify materials and products with low pollutant emissions, including adhesives, sealants, paints, carpet systems, and furnishings.

(5) Protect Indoor Air Quality During Construction

Follow the recommended approach of the Sheet Metal and Air Conditioning Contractor's National Association Indoor Air Quality Guidelines for Occupied Buildings under Construction, 1995. After construction and prior to occupancy, conduct a minimum 72-hour flush-out with maximum outdoor air consistent with achieving relative humidity no greater than 60%. After occupancy, continue flush-out as necessary to minimize exposure to contaminants from new building materials. Prohibit smoking within the building and within 25 feet [7.62 m] of all building main entrances and building ventilation intakes during building occupancy.

E. Reduce Environmental Impact of Materials*(1) Recycled Content*

For EPA-designated products, use products meeting or exceeding EPA's recycled content recommendations. For other products, use materials with recycled content such that the sum of postconsumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project. If EPA-designated products meet performance requirements and are available at a reasonable cost, a preference for purchasing them should be included in all solicitations relevant to construction, operation, maintenance of, or use in the building.

(2) Biobased Content

For USDA-designated products, use products meeting or exceeding USDA's biobased content recommendations. For other products, use biobased products made from rapidly renewable resources and certified sustainable wood products. If these designated products meet performance requirements and are available at a reasonable cost, a preference for purchasing them should be included in all solicitations relevant to construction, operation, maintenance of, or use in the building.

(3) Environmentally Preferable Products

Use products, such as low-emitting materials or products containing no toxic metals, that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose.

(4) Construction Waste and Materials Management

During a project's planning stage, identify local recycling and salvage operations that could process site-related construction and demolition materials. Program the design to recycle or salvage at least 50% of the non-hazardous construction, demolition, and land clearing materials, excluding soil, where markets or onsite recycling opportunities exist. Provide salvage, reuse, and recycling services for waste generated from major renovations, where markets or onsite recycling opportunities exist.

(5) Ozone Depleting Compounds

Eliminate the use of ozone depleting compounds during and after construction where alternative environmentally preferable products are available, consistent with either the

Montreal Protocol and Title VI of the Clean Air Act Amendments of 1990, or equivalent overall air quality benefits that take into account life-cycle impacts.

SECTION 5 SITE DESIGN CRITERIA

5.1 GENERAL

A licensed Landscape Architect or Civil Engineer shall develop the site design. A Landscape Architect, licensed if state registration exists, shall develop the landscape planting plans.

Design of site elements shall comply with accessibility standards and in accordance with Paragraph 4.6 of this solicitation.

The Lessor shall obtain Topographic/Landscape, Electrical and Telecommunications, to include telephone, data, cable television and special systems; Civil/Mechanical; and Soil Surveys; and geotechnical reports. The survey limits shall include a sufficient area to cover the complete project including sufficient offsite locations of existing utilities, i.e., water, sewer, gas, electric and telecommunications. Refer all vertical elevations to permanent benchmarks based on actual geodetic datum (not assumed datum).

Comply with applicable Federal, State, and municipal laws, regulations, and permits concerning design and construction controls for environmental protection of aesthetics, air, water, and land. All the following regulatory categories apply:

- Storm water permits, e.g., National Pollutant Discharge Elimination System (NPDES) permit program
- Pollution control and solid waste disposal
- Erosion control and protection of land resources
- Protection of landscape
- Protection of water resources, wetlands, and areas preserved for wildlife

Ensure that the design mitigates any adverse environmental impacts. Ensure all the following:

- Surface water, during and after construction, will not adversely impact the site or areas downstream from the site.
- Grading, seeding, erosion control measures, and storm sewers are used to avoid the above.
- Air and noise pollution is minimized.
- Destruction of land resources is minimized.
- Interference with the normal function of the surrounding community during construction is minimized.

5.2 SITE DEVELOPMENT

Use originality and imaginative design between site and structures, vehicular and pedestrian circulation, visual elements, and open and screened area. Produce a plan that has both functional and aesthetic relationships.

Develop the Site based on //an American Land Title Association (A.L.T.A) Survey// //a Results of Survey// using a title report current within 90 days. Consider impacts to site encumbrances such as drainage, rock outcroppings, existing utilities, utility easements, abrupt changes in topography, and protected or mature salvageable vegetation.

5.2.1 STORM WATER

Consider impacts on existing natural and man-made storm water drainage patterns and systems. VA is committed to the control of storm water by the Federal Water Pollution Control Act, the Federal Flood Disaster Protection Act, and other Environmental Protection Agency (EPA) regulations that are implemented by Federal, State, and municipal jurisdictions. Provide a Hydrology and Hydraulics analysis and report in support of the proposed design.

5.2.2 CIRCULATION

Provide separate circulation systems for vehicular service and patient/visitor traffic.

Provide a circular driveway to the building drop-off with access to the parking areas. The drop-off shall have canopy cover designed to accommodate public bus and shuttle services.

Design patient exterior areas that are conveniently accessible from the building without vehicular crossings and are oriented to the most favorable site climatic conditions.

5.2.3 LOCATION OF BUILDING AND EQUIPMENT

Ensure that the building property line setbacks are consistent with adjacent structures and local codes.

When locating the proposed building, structures, and equipment, consider topography, adjacent facilities, utility access requirements, environmental impacts, and future development to produce a design that is functional and aesthetically successful.

Provide landscape planting, grading, architectural screening, or fencing of exterior utility, mechanical, and electrical equipment for patient and personnel protection.

5.2.4 PATIENT USE AREAS

Design patient exterior areas that are conveniently accessible from the building without vehicular crossings and are oriented to the most favorable site climatic conditions.

5.2.5 GRADING DESIGN

Coordinate surface grades with architectural, structural, and mechanical design to provide proper surface drainage.

Consult soil classification data in the subsurface investigation (geotechnical report) in support of drainage concepts proposed as part of the Hydraulics and Hydrology analysis.

Use contours at a maximum interval of 1 foot [0.3 m] to show grading of the entire project site. Utilize spot elevations as control points.

Show any temporary (construction period) or permanent erosion control.

Condition	Maximum Slope	Minimum Slope	Preferred
Lawns	25% 4:1 ^a	2% 50:1	2- 10%
Turf athletic area	2% 50:1	0.5% 200:1	1%
Berms and mounds	20% 5:1	5% 20:1	
Mowed slopes	25% 4:1 ^a		20%
Planted slopes and beds	10% 10:1	0.5% 200:1	3-5% ^b
Road crown	3% 33.3:1	2% 50:1	2.5%
Roads, longitudinal*	20% 5:1	0.5% 200:1	1-10%
Walks, longitudinal	10% 10:1	0.5% 200:1	1-5%
Parking, longitudinal	5% 20:1	0.25% 400:1	2-3%

- a. The maximum slope for mowing machinery is 25%.
- b. Slopes over 6% should have erosion protection.
- c. Accessible routes used by people with disabilities shall conform to the criteria of Paragraph 2.4 of this SFO.

* Payload is drastically reduced on heavy trucks sustaining grades over 3%. Ideal maximum sustained grade for safe operation of trucks and automobiles is 6%. On roads subject to frequent icing and winter conditions, the maximum sustained grade is 5%.

General: Provide complete dimensioned layouts for vehicular and pedestrian pavement, structures, and other components of the site and landscape design. Establish control for the layout by a base control line with dimensions from this line. Small scope projects may use property lines for control. Larger projects require coordinates on a grid system.

5.2.6 DESIGN OF VEHICULAR AND PEDESTRIAN PAVEMENT

Design the pavement to reflect topography, soils, climate, local materials, function, and other requirements and specific situations. The Geotechnical Report shall address and recommend ground preparation and pavement section design for the site.

When motorcycle parking is provided, construct designated area of non-reinforced concrete.

A. Pavement Construction

Design pavement sections of all roads, service areas, fire apparatus vehicle accessibility areas, and parking areas for the maximum anticipated traffic loads and existing soil conditions.

Construct service areas for truck dock, bulk oxygen storage, loading docks, utility buildings, and similar facilities of reinforced concrete.

Principal roads and primary service roads shall include 12'-0" travel lanes for two-way traffic (24'-0" wide between faces of curbs). Secondary service roads shall be 12'-0" between faces of curbs. Consider two-way traffic lanes where possible. One-way traffic plans shall have a minimum width of 12'-0".

B. Curbs and Gutter

Design all roads with integral concrete curbs and gutters per local standards and specifications. Substitute free-standing or extruded curbs only when justified.

(1) Curb Radii

The radii of curbs at road intersections should be 30'-0" preferred, 25'-0" minimum.

(2) Curb Access Ramps (Curb Cuts)

Provide curb ramps to accommodate people with disabilities as well as lawnmowers.

C. Pavement Marking and Signing

Provide locations and details of pavement striping and signing for parking, roadways, crosswalks, accessible parking and routes, and other special areas.

D. Pedestrian Pavement Construction

Design walkways to provide clearly-defined, unobstructed, direct routes through the site, interconnecting site and building entryways, curb ramps, parking areas, pedestrian landscaped features, such as open area plazas, courts, atriums, and other site elements.

Construct walks of concrete. Reinforce the concrete pavement if subbase conditions warrant. Where pedestrian and vehicular pavements meet, thicken the subbase material.

Pedestrian wearing course material may be rigid unit pavers (bricks, stone sets, concrete units, large paving slabs, etc.). To facilitate use by people with disabilities, design a rigid base of concrete or asphaltic concrete beneath pavers.

Walks should be at least 60" wide, except 96" minimum where abutting parking stalls.

Design walks to accommodate people with disabilities. Eliminate steps unless unavoidable.

5.2.7 ENTRANCES TO BUILDING

Coordinate work at entrances to buildings based on the requirements in the Architectural Criteria. Particular reference is made to complying with vertical clearances of buildings and canopies over roadways and vehicular access areas// and snow melting requirements at specific entrances//.

Provide access for ambulance entry.

5.2.8 TRUCK DOCK

Design adequate space for truck maneuverability and parking of facility equipment, including trash dumpsters. Provide wheel path diagram to support turning movements of facility parking equipment, delivery, and waste removal vehicles.

5.2.9 PARKING FACILITIES

Develop sufficient new parking so that the total number of facility spaces will be the greater of [____] spaces, or as required by local codes. Provide [____] parking spaces for physically disabled people (handicapped) based on 3% of total provided spaces of which [____] are van accessible spaces based on every 6 or fraction of 6 of provided accessible parking spaces. Locate these parking spaces convenient to an entrance accessible by physically disabled people.

Provide a parking tabulation on the contract drawings indicating the total number of VA facility parking spaces with subtotals for standard spaces, accessible spaces, motorcycle spaces, and van accessible spaces. Locate accessible parking spaces convenient to an accessible building entrance.

Provide parking tabulations for motorcycle parking on the contract drawings. Indicate the total number of spaces provided, using a ratio of one parking space for every 60 auto spaces. Motorcycle parking spaces shall be 4.5 feet [1.37 m] wide x 8 feet [2.44 m] long.

Reference Paragraph 4.3.1 for Parking Site Security Considerations.

Parking at angles other than 90 degrees may be used only when justifiable. Contracting Officer approval is required for deviation. Acceptable dimensions for 90 degrees parking angle are as follows.

	MINIMUM BAY WIDTH	MINIMUM STALL WIDTH
If cars overhang curbs on both sides	60'-0"	8'-6"
	59'-0"	8'-9"
	58'-0"	9'-0"
If cars overhang curbs on one side	62'-6"	8'-6"
	61'-6"	8'-9"
	60'-6"	9'-0"
If cars will not overhang either curb or will be parked in the center bumper to bumper	65'-0"	8'-6"
	64'-0"	8'-9"
	63'-0"	9'-0"
Accessible Spaces		8'-0" x 20'-0" w/ 5'-0" access aisle on <u>both</u> sides
Accessible Van Spaces		8'-0" x 20'-0" w/ 8'-0" access aisle

Patient and Visitor spaces shall be 9'-0" minimum width, unless the Contracting Officer approves deviation.

5.2.10 EQUIPMENT PADS

Locate utility transformers, cooling towers, generators, generator fuel tanks, gaseous tank storage, and other equipment pads away from patient and visitor entries and outdoor activity areas, preferably adjacent to service area. To prevent injury to patients and personnel, enclose pad area with chain link fencing. Barriers and fencing shall comply with the requirements of the serving electric utility, where applicable.

//Mobile MRI/CT Scanner Truck Provisions

Lessor shall provide the following provisions for mobile MRI/CT Scanner Truck:

Lessor shall furnish a dedicated five-wire 480V, 3-phase wye connection with neutral and ground, 150 Amp circuit to supply power to mobile MRI/CT scanner trucks at the MRI pad shown on the site plan. The safety disconnect switch shall have lock-on provisions, which will allow the switch to be locked in the "ON" position. The disconnect switch shall also have lock-off provisions. Provide safety disconnect in electrical circuit, per code, on exterior of building

for MRI/CT. Electrical feed shall terminate on exterior of building at a //Russellstoll connector rated for service required// // [_____] // receptacle, in a weatherproof box. [*Insert receptacle configuration here*] The bottom of the receptacle shall be a minimum of 3 feet above grade. The disconnect switch, receptacle, and telecommunications jacks shall be mounted on concrete posts with strut framing adjacent to the MRI concrete pad.

Lessor shall furnish a weatherproof box for telecommunications located adjacent to power receptacle. Conduit shall extend to interior distribution system in the building. Install three (3) exterior telecommunications jacks.

Truck pad shall be Portland cement concrete [*insert size here or show on conceptual site plan*] Design pavement section for loading in accordance with criteria in Paragraph 5.2.6. If reinforcement of concrete is required, use only non-ferrous reinforcement materials. Variations in pad levelness shall not exceed 1/8-inch in 10'-0".

Provide the following plumbing provisions in two in-ground boxes adjacent to the truck pad. One in-ground box shall be for water supply connections and one in-ground box shall be for sanitary wastewater connection:

Provide a hose bib and backflow preventer, connected to a cold water supply line, for connection of a 3/4-inch hose.

Provide 3/4-inch female connector and backflow preventer, connected to a cold water supply line, for connection of a 3/4-inch I.P.S. male threaded hose connector. Size line to provide 5 gallons per minute at 45-60 PSI. Provide an adjustable pressure regulator with gauge to ensure that pressure does not exceed 60 PSI. Water intake equipment will be protected with physical hardware equipment to provide preclusion of entry or introduction of foreign materials and also provide indication of tampering. Intake facilities above ground will provide physical barriers to preclude entry and tampering of equipment.

Provide 1 1/2-inch female threaded connector, connected to the sanitary wastewater drainage system, for connection of a 1 1/2-inch male threaded hose connection.

Provide an accessible sidewalk from an exterior door of the outpatient clinic to the MRI pad. Provide a canopy for the walkway from the clinic to the MRI pad. The canopy shall comply with criteria in SECTION 5 and SECTION 6.

Extend panic (duress) alarm system to MRI pad. Provide connection for one (1) panic button in MRI enclosure, connected to main panic (duress) alarm panel.//

5.3 LANDSCAPING DESIGN

Integrate the landscape planting design with the overall design of the site. The landscape planting shall compliment the architecture, preserve designated site features, facilitate water harvesting, facilitate vehicular and pedestrian access, create open areas and vegetative screens, and consist of plant material that promotes sustainable designs.

Select plants that are indigenous to the area, require little maintenance, and are disease and insect resistant. Select plant material that is nursery propagated from sources as close as practicable to the project area, that are indigenous to the area, locally available, low maintenance, and disease and insect resistant. Plant materials shall conform to the

standardized system of the American Association of Nurserymen, Inc. current American Standards for Nursery Stock, ANSI Z60.1.

Do not select plants that are poisonous, highly aromatic, irritating, or thorny. In parking and pedestrian areas avoid plants that drop fruit or sap. Locate plants so they do not interfere with driver or pedestrian visibility, circulation, and safety.

Plant bed outlines curvature shall have minimum radii of 3 feet [0.92 m]. Design lawn areas to facilitate maintenance.

Provide metallic edging or concrete curbs around shrub beds (essential where Bermuda or similar grasses are grown).

Utilize ground cover on slopes steeper than 3:1, i.e., 3 feet to 1 foot.

5.4 SITE AMENITIES

5.4.1 FLAGPOLE

The Lessor shall provide //a flagpole at a location// //flagpoles at locations// to be approved by the Contracting Officer. //Flagpole// //Flagpoles// must extend at least 30 feet above the ground and shall be equipped with rope and hardware //for two flags// //one flag each//. The Government will provide the flags. This requirement will be waived if determined inappropriate by the Government. Exterior lighting (two each light fixtures spaced a minimum of 20 feet apart, mounted on the building or at grade) shall be provided to illuminate the flags at night. Automatic switching for light fixtures shall be provided.

5.4.2 SMOKING SHELTERS

An exterior structure of approximately 150 square feet [45.72 sq m] must be provided near one of the outside doors to the outpatient clinic building for the purpose of providing shelter for patients, visitors, volunteers, and employees who wish to smoke. The structure shall be built near the side or rear of the building away from and out of sight of the main clinic entrance. The smoking shelter shall be architecturally compatible with the main structure. The shelter must be at least 50 feet [15.24 m] from any building entrance. The structure must be accessible to disabled persons as specified in SECTION 4 of the Basic Solicitation. The structure must be heated, air conditioned, and equipped with a ventilation system that meets requirements of this Solicitation. The ventilation system must have a discharge above the roof level of the clinic building that is directed away from the clinic entrance or other possible clinic intakes. The smoking shelter shall be protected with an automatic fire sprinkler system. Provide suitable lighting for smoking shelter; control with the other site lighting.

5.4.3 CANOPIES AND COVERED WALKWAYS

The walkway connecting the smoking shelter and the nearest building entry shall be covered with a solid roof structure or canopy. //[Insert other covered walks or canopies as necessary.]// Design of the covered walk shall be integrated with the building structure and architecture. Coordinate site lighting with walkways. Provide fixtures below canopies and covered walks where necessary to maintain illumination levels for exterior walkways.

5.4.4 EXTERIOR ACTIVITY AREAS AND YARDS

Provide //secured// exterior patio or yard areas for outdoor activities and dining as shown on the conceptual plans. Outdoor areas shall be designed with a diversity of landscape and hardscape elements to create an environment capable of accommodating a variety of activities.

//Outdoor areas shall be enclosed and secured by fences or walls. Design shall be approved by the Contracting Officer. Gates and locking arrangements for the yards shall be provide for egress to comply with NFPA 101.//

5.5 UTILITIES

5.5.1 WATER DISTRIBUTION SYSTEM

Design and construct system to provide adequate water service for maximum domestic and fire protection requirements.

Place isolation valves to provide control over reasonably sized area. In addition, designate valves in fire hydrant branches and building service lines, near their connection to feeder mains.

Where reduced pressure backflow preventers are required, provide positive drainage.

Connection fees, meter, and system impact fees, as required by the water provider to connect to the existing water distribution system, are the responsibility of the Lessor.

A. //Domestic Water Pumping System

If onsite pumping for domestic water is required, use a three-pump system. Size one pump for approximately one-third of the total water demand. Each of the other pumps shall be sized for approximately two-thirds of the total demand. The smaller will operate until water demand exceeds the pump's capacity, at which point it will stop and one of the other larger pumps shall start. When the demand exceeds the capacity of this larger pump, the smaller pump will restart and both pumps will operate together. The other large pump will be a standby and alternate with the first large pump. Provide a pneumatic tank and "NO-FLOW" shut-down controls.//

5.5.2 WATER SUPPLY FOR FIRE PROTECTION

Assess adequacy of the water supply. The Lessor must verify the locations involved as well as the quality and accuracy of the data. Perform water supply flow testing.

Fire flows shall be available as required by NFPA 13 for the required occupancy classification. //However, duration for Ambulatory Health Care occupancies shall not be less than 60 minutes.// The Lessor shall verify and submit documentation of the fire department's capability of handling the manual fire fighting requirements to the Contracting Officer prior to occupancy by the Government.

//Fire Pumps:

When a fire pump is necessary to supplement fire flow and pressure, size it to comply with NFPA 13 //and 14//.

5.5.3 //LAWN IRRIGATION SYSTEM

Provide an automatic irrigation system to operate between the hours of 10:00 pm and 6:00 am.

Keep the number of irrigation system connections to potable system to a minimum. Equip such connections with reduced pressure-type backflow preventers. Limit maximum draft from any connection to 180 gpm [11.4 L/s].//

5.5.4 SANITARY SEWERAGE SYSTEM

Design separate underground sanitary sewerage system, including building connections, manholes, clean-outs, cooling tower waste lines, and all appurtenances.

Provide an adequate number of sanitary connections from each building.

Discharge cooling tower drains, overflows, and blow-down piping systems to the sanitary sewerage system. Provide air gaps to prevent cross connections between sewerage and water systems.

To the extent feasible, do not locate sewer pipes and manholes under pavement. Provide manholes at junctions, changes in direction, changes in slope, and changes in invert elevations of sewers 8 inch and above. Clean-outs are required for 4 and 6 inch sewers. Spacing between manholes shall be a minimum of 300 feet [91.44 m], except 500 foot [152.4 m] spacing is permitted in straight runs of long out-fall sewers unless otherwise required by local jurisdictional standards.

Limit sanitary trunk sewers to not less than 8 inch diameter and sanitary sewer building connections to not less than 4 inch diameter. Establish sanitary sewer slopes to provide minimum velocity of 2 ft/s [0.6 mm/s] when pipe is flowing full; maximum slope shall be 9%.

Do not connect storm drainage system to sanitary sewerage systems.

Connection fees and system impact fees as required by the municipality to connect to the existing sewerage system are the responsibility of the Lessor.

// If a lift station and pump are required, locate them outside of the building. If required, design sewage pumping system to discharge at maximum sewage flow rate with largest pump not operating. The sewage pump system shall be designed with redundancy in mind apply N+1 to the design.

Wet well shall be large enough to allow an interval of at least 6 minutes between successive starts of same pump motor throughout entire range of estimated flow rates. Include high water level alarm system in wet well, and place warning bell in appropriate location.//

5.5.5 STORM DRAINAGE SYSTEM

Design separate underground sanitary and storm sewerage systems, including drainage inlets (yard and curb), junction structures, manholes, open drainage channels and basins, dry wells, etc.

Design all components of storm sewerage system on basis of not less than 10-year storm frequency for one hour.

Comply with the requirements of off-site receptor of storm water. Retention may be required; however; roof storage of storm water is not allowed.

Limit storm sewers serving drainage inlets to not less than 8 in [200 mm] diameter and building connections to not less than 4 in [100 mm] diameter. Establish storm sewer slopes to provide minimum velocity of 2 ft/s [0.6 mm/s] when pipe is flowing full. Maximum storm sewer design velocity shall be in non-erosive range for specified pipe material.

Use State or local standard details for manholes, inlets, endwalls, and pipe cradles. Adjust master specifications as necessary.

Provide an adequate number of storm connections from each building.

Storm drainage system shall serve all areas under construction or affected by construction. Design storm drainage system and components based on storm frequency from local codes and methodologies. Comply with the requirements of off-site receptor of storm water. Retention/detention may be required and should be designed on the percolation results stated in the geotechnical report and the design volumes calculated in the Hydrology and Hydraulics analysis. Roof storage of storm water is not allowed. Do not connect storm drainage system to sanitary sewerage systems.

//Do not drain outside building sub-soil drain tile to an interior sump pump. If a pump is required, locate it outside of the building.//

5.5.6 GAS DISTRIBUTION SYSTEM

Coordinate with gas company concerning housing and/or fencing for gas metering and regulating equipment. Provide gas filter upstream of meter.

5.5.7 ELECTRICAL SERVICE

Provide underground secondary-voltage electrical service from the serving electric utility. All requirements of the electric utility shall be met, including location of service source, above-ground and underground equipment locations, required easements and/or rights-of-access, above-ground equipment protection and screening requirements, location of required service disconnecting means and/or remote operation for service disconnecting means, as required by the local Authority Having Jurisdiction or utility, meter location and provisions for meter-reading access, co-location of service conductors in common trench with other utility services, and all other applicable requirements of the electric utility.

5.5.8 TELECOMMUNICATIONS SERVICES

Provide underground telephone service from the serving telephone provider. Sufficient capacity shall be provided at the Point of Presence (POP) for all telephone outlets identified in

this SFO, plus 50% spare capacity. Comply with all requirements of the telephone provider for cable installation, POP space and security requirements, and POP equipment and access provisions. All low-voltage underground cabling shall be installed in a partitioned 4 inch conduit with innerduct or approved equivalent and shall not share joint trenches with other incoming utilities.

Provide underground cable television service from the serving provider. Sufficient capacity shall be provided at the Point of Presence (POP) for all CATV outlets identified in this SFO, plus 50% spare capacity. Comply with all requirements of the cable service provider for cable installation, POP space and security requirements, and POP equipment and access provisions. All CATV underground cabling shall be installed in a 4 inch conduit with innerduct or approved equivalent and shall not share joint trenches with other incoming utilities.

Provide cable television service, subject to identical requirements as defined for telephone service.

5.6 EXTERIOR SIGNAGE

Lessor shall develop and provide a complete exterior signage program to include identification, directional, informational, and regulatory signage. Signage must comply with local municipality's codes and specifications. Careful consideration of the location of monument signs shall be taken to avoid sight triangle encroachment.

Lessor shall provide ground mounted, //illuminated, //non-illuminated, // horizontal monument sign to identify the Outpatient Clinic //main entrance//. Lessor shall provide foundations //and electrical power// as necessary. Base shall be concrete or masonry and shall be compatible with building design and landscaping scheme. Monument sign shall be //5'-0" high x 12'-0" wide// //4'-0" high x 10'-0" wide// //4'-0" high x 8'-0" wide//. VA will furnish message layout, content, and colors for the monument sign. Graphic process shall be routed out copy backed with white, translucent acrylic.

Lessor shall provide //illuminated, //non-illuminated, // wall mounted building identification signs of dimensional //powder coated// //anodized// aluminum letters and numerals with VA logo. Letters and numerals shall be minimum //12// //18// //24// //30// //36// inches high. Logo shall be of design provided by VA and shall be //27// //42// //56// //70// //84// inches high. Sign messages shall be as follows:

Facility Name: *[insert name of outpatient clinic here]*. VA logo shall precede facility name.

Address sign shall consist of numerals for the building street address.

Wall mounted building signs shall be prominently located to be visible from street approach in accordance with VA-approved building elevations.

5.7 FENCING

Provide perimeter fencing or walls and gates. Design fencing with due consideration for character and aesthetics of the building design and surrounding properties.

Fencing shall comply with security requirements in Section 4 of this solicitation and VA Physical Security Design Manual for Life Safety Protected Facilities.

SECTION 6 BUILDING DESIGN CRITERIA

6.1 STRUCTURAL

Structural design shall comply with the locally adopted codes and VA Seismic Design Requirements H-18-8 (<http://www.cfm.va.gov/TIL/seismic.asp>). Structural members shall be of concrete, masonry, or steel. Wood may be used as permitted by building and life safety codes for the Occupancy Group (Business or Ambulatory Care) and size (floor area) and height of structure required by the clinic program.

//Where applicable, a licensed structural engineer shall verify the load-bearing capability of the existing structural elements to support the new design loads. Provide evidence of compliance with lateral force requirements with offer as specified in Paragraph 1.7 HOW TO OFFER.//

//Where alterations are made to the structural elements in existing buildings, these elements individually, and the buildings as units, must maintain adequate strength to safely resist both gravity and lateral loads. Any resulting deficiencies must be reinforced accordingly.//

6.1.1 FOUNDATIONS

The building foundation system shall be designed in accordance with the recommendations of the geotechnical report.

6.1.2 FLOOR LOADS

Minimum uniform basic design live loads shall conform to the locally adopted codes and as follows.

In order to provide a flexible design for occupancy changes in the future, generalized live load categories should be applied to large areas of the floor plate.

Where actual occupancy load requirements or concentrated equipment loads exceed the minimum uniform live loads, the areas in question shall be designed to meet the specific load conditions.

6.1.3 ROOF LOAD

Roof live loads shall be based on geographical location and local governing building code requirements; however, they shall not be less than 20 psf [0.96 kPa].

VA may install a rooftop mounted satellite system or other rooftop antennas for the building. The Lessor shall provide a roof structure, which accommodates VA's system, and shall coordinate with VA to provide the required structural mounting devices.

6.1.4 LATERAL FORCES

VA classifies Outpatient Clinics as "essential" or "critical" facilities. Design structures for lateral forces in accordance with local building code requirements for wind and seismic forces using importance factors for essential structures.

In addition to local code requirements, all new facilities//, new additions, and existing buildings requiring major renovation and/or seismic strengthening// shall be designed in accordance with VA Seismic Design Requirements H-18-8.

6.1.5 SPECIAL INSPECTIONS

Lessor shall comply with all special inspection requirements of the local Authority Having Jurisdiction. Lessor shall obtain services of qualified, independent entities to provide special inspection services during construction. Lessor shall provide copies of the inspectors' reports to the Contracting Officer as evidence of compliance with Codes and the requirements of this solicitation.

6.1.6 BLAST LOADS

Design structural systems for overpressures and dynamic loadings for threat category as established by VA Physical Security Design Manual for Life Safety Protected facility.

6.2 ARCHITECTURAL

6.2.1 //FOUNDATION DRAINAGE

Subsoil (foundation) drainage provides a means of removing water that may percolate to the footing level of a building foundation system. Reference the geotechnical report for specific percolation results. Provide a subsoil drainage system in accordance with site Hydrology and Hydraulics studies. Subsoil drains shall maintain a pitch as uniform as possible and shall drain to suitable outfall. No subsoil drainage piping shall traverse a building area to reach an outfall.//

6.2.2 PATIENT ENTRANCES

Provide canopies over patient entrances to outpatient clinic. The canopies shall extend 2 feet [0.6 m] beyond the curb lines to protect patients from inclement weather. To reduce the size and cost of canopies, locate the curb line near the entrance if compatible with other design considerations.

6.2.3 AMBULANCE ENTRANCES

Provide ambulance entrance as indicated on conceptual plan. Ambulance entrances shall include provisions for wheelchair and litter access.

//Provide a canopy over the loading/unloading zone at ambulance entrance with 13-foot [3.96-meter] vertical clearance from grade to underside of canopy. The canopy shall overhang the rear of the parked ambulance 4 feet [1.22 m].//

//Enclose ambulance entrances where the outside winter design temperature is below 10 °F [-12 °C], as given in the 99% column of Table I, ASHRAE Handbook of Fundamentals. Equip the enclosed entrances with automatic overhead type doors operable from both outside and inside the enclosure.//

6.2.4 LOADING DOCKS

Loading dock platforms shall be 4 feet [1.22 m] above the driveway. Platforms shall have a minimum depth of 8 feet [2.44 m] front to back or between dock lift/leveler and back wall. Provide a canopy over the platform with 14 feet [4.27 m] of clearance from grade to the underside of the canopy. Provide a stair or a ramp to the platform.

Provide dock levelers where shown on conceptual plans. Dock levelers shall be //manual// //hydraulic// with 25,000 pound [11,340 kg] capacity for recessed installation at loading dock.

6.2.5 //CANOPIES OR COVERED WALKS//

//Provide canopies or covered walkways from the outpatient clinic building to locations as shown in the conceptual plans. If canopies or covered walks extend over truck or bus traffic areas, provide 14 feet minimum vertical clearance for vehicular traffic.//

6.2.6 ENCLOSURE SYSTEMS

Building envelope systems shall be designed with consideration for performance under local climactic conditions, appearance, durability, security, efficiency in construction, and maintenance and operating costs. Comply with the requirements of this SFO for Sustainable Design and Energy Efficiency, Paragraph 4.8.

Design for heat loss or gain in accordance with energy criteria in this solicitation. Provide vapor barriers at appropriate side of construction based on local climatic conditions.

Fire resistance of building envelope systems shall be as required by applicable codes for construction type and exposure.

A. Exterior Walls

Materials and colors shall be consistent with the overall design concept and structural requirements, and provide the level of physical security required by this solicitation. Walls shall be designed to prevent moisture penetration. Detail and construct moisture barriers, wall cavities and weeps, flashings, and other features as necessary to prevent damage to wall components or entry of moisture into building. Masonry parapet walls are potential sources of water penetration, unequal thermal expansion, additional structural loads, and increased costs. Proposed parapet walls must be justified by aesthetic, functional, or economic considerations.

Structural design of walls shall comply with Paragraph 6.1. The weight of masonry curtain walls or veneer shall be supported by the structural frame at each floor.

Design walls for sound transmission control from external sources at sites near airports, freeways, //[_]// or heavy city traffic.

B. Fenestration

Lessor shall provide fenestration (windows) consisting of fixed windows, or glazed storefront or curtain wall, including glazed entrance systems, consistent with the overall design concept. Size windows and select glazing and frame materials to meet the overall building envelope performance and sustainability requirements of this SFO.

Window sills/stools shall be a minimum of 18 inches [457.2 mm] above the finished floor.

Windows in examination and treatment rooms shall be designed to maintain patient privacy. Use clerestory windows, patterned or obscured glazing, or other methods as appropriate.

Windows shall comply with Security requirements in SECTION 4 of this solicitation. Provide security screens where required by SECTION 4.

(1) *//Safety Glazing*

Glaze windows occurring in security exam rooms or security holding room with 7/16" thick laminated glass. Provide laminated glass for interior panes of double-glazed windows in these rooms.//

C. Louvers and Screens

Provide louvers in wall openings where required for ventilation. Design louvers and anchorage for wind loads in accordance with building codes. Louvers shall bear AMCA certified rating seals for air performance and water penetration ratings. Provide bird screens on mechanical ventilation supply and exhaust openings in exterior walls. Provide insect screens on the inside of louvered openings in exterior walls where there are no duct connections.

Comply with security requirements in SECTION 4 of this solicitation.

D. Exterior Doors

Entrance doors shall be *//revolving// //automatic sliding// //swinging//* anodized aluminum construction with safety glazing and shall comply with energy and sustainability requirements.

Swinging exterior doors and frames, except entrance doors, shall be heavy duty, insulated, full flush, hollow steel construction. Exterior doors shall be weather-stripped, self-closing, and open outward. Door hardware shall comply with applicable portions of SECTION 7 of this solicitation. Provide latch guards and hinges with non-removable pins to deter tampering or unauthorized entry.

Doors for vehicular access, including doors to *//warehouse// //engineering shops// //spaces containing building service equipment// //and enclosed ambulance entry//* shall be *//insulated, industrial grade sectional overhead doors// //overhead coiling doors//*. Nominal size of the door opening shall be *//8'-0" wide x 9'-6" high// //[_____]//*. Doors shall be fully weather-stripped and include an electric operator and manual chain hoist operation. Operator controls shall be located on the secure (interior) side of the opening and shall incorporate a cylinder lock. Provide safeties, including door edge sensors. Overhead door(s) shall not have vision lights.

(1) *Automatic Doors*

Design automatic doors to operate manually in event of power failure. Equip controls with safety devices for pedestrian protection. Provide door operator controls and equipment that are easily accessible for maintenance. Design automatic doors to open from both sides.

E. Roofs

Provide roofing systems to comply with building codes and fire resistance requirements. Design all roofs with slope to roof drains or gutters. Roofs shall not slope to level valleys, but may have one-way slopes to gutters at gravel stop edges.

Size roof drains and overflow drains, scuppers, or gutters; and leaders or downspouts to comply with plumbing codes. Locate drains at points of maximum deck deflection where possible. Coordinate roof drainage with site (storm) drainage. Where roof drain leaders do

not connect directly to storm drains, provide scuppers under all sidewalks and flatwork to convey storm flow to site drainage system.

Design roofing systems (including anchorage of roof insulation to decks) for wind force resistance in accordance with Factory Mutual Global (FM-Global) Criteria:

- Loss Prevention Data 1-7, "Wind Forces on Buildings and Other Structures"
- Loss Prevention Data 1-28, "Insulated Steel Deck"
- Loss Prevention Data Technical Advisory Bulletin 1-29, "Loose-Laid Ballasted Roof Coverings"
- Loss Prevention Data 1-49, "Perimeter Flashing"

Use minimum 8-inch high base flashing at walls and penetrations. Do not use pitch pockets or similar penetration seals.

VA may require a rooftop mounted satellite system or other roof top antennas for the building. The roof shall be maintained in a watertight condition at all such mounting locations. Provide appropriate sized conduit sleeving and weatherproof box at roof end of conduit sleeve.

Shield roof-mounted equipment from view. Roof structures, such as penthouses and architectural screens, shall be compatible in appearance with the material, texture, color, and shape of the building.

Whenever mechanical equipment requiring periodic maintenance is installed on a roof, provide access to roof areas by industrial stair. Provide roof walkways with nonslip surfaces on access routes over roofs to mechanical equipment requiring recurrent maintenance. If the stair (or fixed ladder) is exterior to the building, provide means to prohibit unauthorized access to roof.

Design low slope roof systems in accordance with the recommendations of the National Roofing Contractors Association (NRCA) Roofing and Waterproofing Manual and this manual. Acceptable low slope roof systems include but are not limited to the following roofing membranes with roof insulation:

- Bituminous built-up roofing systems
- Modified bituminous roofing systems
- Single-ply sheet roofing systems
- Fluid-applied roofing systems

Design low-slope roof systems with a positive slope a minimum of 1:50 (0.25 inch per foot) up to a maximum of 1:12 (1.0 inch per foot) to drains. Use tapered insulation, sloped structural systems, or level structural system with sloped fill to achieve the required slope.

F. Skylights

When provided, skylights shall be self-supporting, aluminum framed style with //translucent, insulated sandwich panels// //fixed glazing//. Lessor shall design, engineer, fabricate, and install skylights to meet building code requirements and as follows:

- Design for uniform live load of not less than 30 psf [1.44 kPa].
- Design for a concentrated load of not less than 250 lbs [113.4 kg] applied to any framing member at a location that will produce the most severe stress or deflection.
- A one-third increase in the allowable stress for wind is acceptable where permitted by code but not in combination with any reduction applied to combined loads.
- Assume that compression flanges of flexural members receive effective lateral bracing only from anchors to the building structure and horizontal glazing bars or interior trim in contact on at least 50% of the member's total length.

Provide for expansion and contraction of metal skylight components resulting from an ambient temperature differential of not less than 120 °F [49 °C].//

6.3 EQUIPMENT

6.3.1 GENERAL

PART III of this Solicitation (Schedule B) lists special equipment items to be furnished by either the Lessor or VA for installation in the Outpatient Clinic. As part of the rental consideration, the Offeror must include supporting construction, HVAC systems, utilities, and electrical distribution systems for both Offeror-furnished equipment and VA-furnished equipment to be installed in the Outpatient Clinic.

Offeror shall include provisions for necessary support and attachment of equipment items including, but not limited to, structural reinforcement of wall, floor or roof construction, and blocking or backing in walls and ceilings.

Offeror shall provide HVAC systems necessary to supply and exhaust the clinical spaces, laboratories, and other areas that contain special equipment, including provisions for supply or exhaust connections directly to special equipment items when required for installation and/or operation of the equipment, as part of the rental consideration.

Offeror shall provide building equipment and utility systems including but not limited to piping, water treatment equipment, sanitary or laboratory waste systems, medical or laboratory gas, compressed air, and vacuum systems as required for the installation and operation of the special equipment items as part of the rental consideration.

Offeror shall provide electrical service necessary for special equipment items, including service from emergency source for designated items or locations, as part of the rental consideration.

The prices and costs relating to Schedule B Special Requirement items shall include only the direct installation of equipment to support and distribution systems already included in the basic rent. Therefore, no additional costs relating to the distribution of utilities or supporting construction may be ascribed to the special equipment costs in Schedule B.

Items not listed in Schedule B are to be provided by the Lessor as part of the rental consideration.

6.3.2 LESSOR FURNISHED SPECIAL EQUIPMENT

The Offeror shall submit lump-sum pricing for the purchase and installation of special equipment items specified in Schedule B for laboratory and clinic areas. The price for each item in Schedule B shall include only the direct costs of obtaining and installing the item.

Special equipment items are listed by room type for each functional area within the Outpatient Clinic.

Special systems and equipment (including special electronic safety and security systems) applicable to the entire clinic are listed separately in Schedule B.

All property placed in, upon, or attached to the premises to be leased, and for which the Government pays by means of lump-sum, shall be and remain the property of the Government, and may be removed or otherwise disposed of by the Government.

6.3.3 //PROVISIONS FOR VA-FURNISHED/VA-INSTALLED EQUIPMENT//

//As part of the rental consideration, the Offeror shall include supporting construction, HVAC systems, utilities, and electrical distribution as required for VA-furnished and VA-installed equipment to be installed in the Outpatient Clinic.//

A. //VA-Furnished/Lessor Installed Equipment//

//Equipment may include items that are furnished by VA but installed by the Lessor. As part of the rental consideration, the Offeror shall include supporting construction, HVAC systems, utilities, and electrical distribution as required for VA-furnished equipment to be installed by the Lessor.

For equipment designated as installed by the Lessor, the Offeror shall also include installation as part of the rental consideration. Installation shall be defined to include all labor, tools, equipment, and incidental parts (including, but not limited to, screws or bolts for anchoring equipment to substrates, pipe fittings or unions, solder, Teflon tape, pipe joint compound, wire nuts or electrical connectors, electrical wire, etc.) necessary for the equipment to be placed in its final location and to be completely functional.

- Include activities (nodes) in the network analysis schedule for installation by Lessor of VA-furnished equipment.
- Advise Contracting Officer of date(s) work will be ready for installation of equipment.
- Accept delivery of VA-furnished equipment on established dates.
- Jointly with Contracting Officer, inspect the equipment upon delivery to check for damage and confirm quantities.
- Once VA-furnished equipment is accepted by Lessor, the Lessor shall be responsible for protecting and storing the equipment.
- Provide any additional transportation to move equipment to final location.
- Uncrate, assemble, and install equipment.
- Demonstrate proper operation of equipment to the Contracting Officer.//

6.4 MECHANICAL**6.4.1 INTRODUCTION****A. General**

The Offeror and the Project Design Engineer (henceforth known as the Engineer) shall use the contents of this document to design, install, test, adjust, balance, and commission the HVAC systems in a trouble-free working manner to provide comfort and safety to the veterans, staff, and visitors. The systems shall operate within the specified parameters.

B. Equipment Location

Equipment (examples: Air-Handling Units, Cooling Towers, Chillers, DX Condensing Units, and Fans) can be located on the roof if permitted by the local authorities. Provide supports, bracings, and other mounting devices to withstand wind forces as required by the local authorities. If there are no local codes, use wind forces indicated in American Society of Civil Engineers (ASCE) 7-98 or later version if available. For the seismic zones, the design of the bracing and supports shall be certified by a registered professional structural engineer. See Paragraph 6.2.6E for additional safety and access requirements.

6.4.2 MANDATORY PROVISIONS

See Paragraph 4.1 CODES and 4.2.1 VA ADOPTED CODES, STANDARDS, AND EXECUTIVE ORDERS.

6.4.3 APPLICABLE CODES AND CRITERIA

See Paragraph 4.1 CODES.

6.4.4 HVAC DESIGN CALCULATIONS

The HVAC design calculations shall be based on the following parameters:

A. Outdoor Design Conditions

Reference: Latest Edition of ASHRAE Handbook of Fundamentals.

(1) *Cooling Mode – Air Handling Unit (Minimum Outdoor Air)*
1%, Monthly Design Dry bulb and Mean Coincident Wet bulb Temperatures.

(2) *Cooling Mode – Air Handling Unit (100% Outdoor Air):*
1%, Monthly Design Wet bulb and Mean Coincident Dry bulb Temperatures.

(3) *Heating Mode*
99%, Annual Design Dry bulb Temperature.

(4) *Cooling Tower Selection*
1%, Monthly Design Wet bulb Temperature.

B. Indoor Design Conditions

- (1) *Health Care Functions*
- Surgery and Post Anesthesia Recovery Areas
 - Radiology
 - Diagnostic and Treatment
 - Sterilizing

- Central Medical and Surgical Supply

Reference: Latest Edition of ASHRAE Standard 170 (Ventilation of Health Care Facilities)

Base the design on the following parameters listed for each unique specialty function:

- Inside Design Temperature (Dry bulb)
- Inside Design Humidity (Percentage Relative Humidity)
- Pressure Relationship to Adjacent Areas (Measured as Volumetric Air Difference)
- Minimum Total and Outdoor Air Changes per Hour
- Return Air or Exhaust to Outdoors

(2) *Support Functions*

- Offices
 - Classrooms
 - Conference Rooms
 - Entrance Lobby
 - Waiting Area
 - Lounge
 - Circulation Spaces
- 70 °F @ 30% Relative Humidity (Heating Mode)
 - 75 °F @ 50% Relative Humidity (Cooling Mode)
 - (RH in cooling mode is uncontrolled)

(3) *Food Service*

- Kitchen
 - 70 °F to 74 °F (Heating Mode)
 - 82 °F to 84 °F (Cooling Mode)
- Dining Areas
 - 70 °F @ 30% Relative Humidity (Heating Mode)
 - 75 °F @ 50% Relative Humidity (Cooling Mode)
 - (RH in cooling mode is uncontrolled)

(4) *Miscellaneous Spaces*

See Paragraph 6.5 for specific applications.

(5) *Unoccupied Mode*

Non-sensitive areas shall be provided with a night setback, 55 to 88 F.

C. Heating and Cooling Capacities

(1) *General*

Using the methodology given in the latest edition of ASHRAE Handbook of Fundamentals, the Engineer shall provide computerized calculations showing computation of the cooling and heating capacities of the occupied spaces. The Engineer shall coordinate with the project-specific ancillaries – Latest Edition of ASHRAE Handbook of Applications (Health Care Facilities) and obtain such data as equipment load, exhaust air volume, pressurization requirements, and the required hours of the system operation per day to establish the cooling and heating capacities and system zoning.

(2) *Calculation Details*

The computerized calculations shall show such entities as:

- Room-By-Room Peak Cooling and Heating Loads
- Room-By-Room Air Balance Sheets, showing supply, return, exhaust, make-up, and relief air volumes
- Zone cooling and heating loads (a zone is defined as a central cooling and heating apparatus serving a group of rooms)
- Psychometric Analysis

(3) *System Losses*

The calculations shall include minimum 12% to the calculated load to account for:

- Fan Motor Heat
- Duct Heat Pick-Up
- Duct Leakage
- Assumed Safety Factor
- Reference: ASHRAE Handbook of Applications

6.4.5 HVAC SYSTEM SELECTION CRITERIA – AIR SIDE

A. General

Selection of the airside of the HVAC systems shall be based on the following:

- All-Air Systems
- Fan Coil Units
- Closed-Loop, Ground Source Heat Pumps
- Use of PTAC (Packaged Terminal Air Conditioners) and Terminal Heat Pumps is NOT permitted

6.4.6 ALL-AIR SYSTEMS

A. General

Provide all-air system, where the space criteria require:

- Minimum Fixed Air Changes per Hour
- 100% Exhaust to Outdoors
- Positive (+) or Negative (-) Pressure Relationship with Adjoining Spaces

The AHU shall be:

- ARI Certified
- Factory-Fabricated and Tested
- Modular Design with Solid Double-Wall Construction

Provide IAQ (Indoor Air Quality), double-slopping drain pan to ensure immediate removal of condensate. Provide a variable air volume system (VAV), where variation in air volume is permitted.

B. Zoning

Provide multiple air-handling units to ensure flexibility and energy efficiency. Capacity of a single air-handling unit shall not exceed 50,000 CFM. Provide dedicated air-handling units for spaces, such as:

- Emergency Care Unit
- Surgery and Post Anesthesia Recovery Areas
- Supply Process and Distribution (SPD) also referred to as Central Medical and Surgical Supply
- Cafeteria and Kitchen
- Entrance Lobby, Admission, and Waiting
- Ancillaries (as defined in ASHRAE Application Handbook – Health Care Facilities)

The above functions and activities shall vary with the size and space program of the OPC (Outpatient Clinic).

C. AHU Components and Specifications*(1) General*

All components may not be required at each location and for each application.

(2) Filtration

The following filtration requirements shall apply:

- Pre-filters = 2-inch thick disposable (MERV 8)
- After-Filters = 12-inch thick disposable (MERV 14)
- Locate pre and after filters back-to-back, on the upstream side of the supply air fan.
- Provide HEPA filters (MERV 17) as the terminal final filters for Operating Rooms, and BMT (Bone Marrow Transplant).

Contaminated exhaust of the special systems serving hoods or biological safety cabinets or protective environment rooms (e.g., TB Isolation Rooms) shall pass through the HEPA filters (MERV 17) equipped with pre-filters (MERV 8).

(3) Humidification

Humidification shall be provided to ensure a minimum of 30% RH. Where the campus steam is available, use an unfired steam-to-steam generator to produce low-pressure clean steam for serving the unit-mounted or main supply air duct-mounted steam humidifiers. Use RO (Reverse Osmosis) water to produce clean steam. Provide a gas-fired, stand-alone steam generator for the steam humidifier in the absence of the campus steam. Use of the electric, stand-alone steam generator should be considered as a last option.

(4) Blenders

Include blenders where blending of cold air and return would be helpful in preventing nuisance tripping activated by the Freeze stat.

D. Air Terminal Units

Provide pressure-independent, DDC-controlled, variable air volume (VAV) and constant volume (CV) terminal units. Provide integral reheat coils for the terminal units serving perimeter and roof-exposed spaces. Full shutdown of the interior spaces is permitted provided provision is made in the design sequence to prevent overcooling. Provide modulating control with hot water as the heating medium. Provide SCR control where electric

coils are used for reheat. Provide capability to adjust the air volume between the high and low limits either locally or by the DDC controls. Provide acoustic internal lining for the terminal units.

Exception: Terminal units serving Surgery shall be constructed from stainless steel and shall be fabricated without acoustic lining.

Capacity of a single terminal unit shall not exceed 1,500 CFM [708 L/s].

Exception: Terminal unit serving the Operating Room can be larger than 1,500 CFM [708 L/s], as required to meet the air changes and cooling load requirements.

E. Room Temperature Control

(1) General

A space is defined as individually-controlled when it is equipped with a dedicated air terminal unit controlled by a dedicated room temperature sensor. The temperature sensor shall be wall-mounted with adjustable setpoint.

(2) Individual Room Temperature Control

Provide individual room temperature control for the following spaces:

- Occupied Corner Spaces with two or more exposed perimeter walls
- Spaces listed below (Interior or Perimeter)
 - Conference Room
 - Laboratory
 - Operating Room
 - Special Procedure Room
 - Minor Operating Room
 - Trauma Room
 - Diagnostic and Treatment Room
 - Classroom
 - Entrance Lobby
 - Lounge
 - Dining Room
 - Kitchen
 - Sterilizer Equipment Room
 - Clean Preparation and Storage Room
 - Soiled or Decontamination Room

(3) Zone Temperature Control – Perimeter Spaces

A single terminal box can serve as many as three perimeter spaces if these spaces are located on the same exposure and have identical load characteristics, such as offices or examination rooms.

(4) Zone Temperature Control – Interior Spaces

A single terminal box can serve as many as four interior spaces if these spaces have identical load characteristics, such as offices or examination rooms.

(5) Temperature Control – Interior and Perimeter Spaces

A single terminal unit cannot serve perimeter and interior spaces, including circulation spaces.

(6) Temperature Control – Open Spaces

Open spaces with exposed perimeter and interior spaces shall be divided into two sub-zones, perimeter and interior. Each sub-zone shall be served by a dedicated air terminal unit. Open spaces are defined as the spaces without floor to ceiling partitions.

F. Air Distribution Arrangement

Provide fully ducted supply, return, and exhaust air systems between the fans and inlets/outlets. Use of partial or common ducted return air arrangement is not acceptable. To avoid contamination and other shortcomings cited below, do not use ceiling space between the structural ceiling and suspended ceiling space as the supply or return air plenum.

In the ASHRAE Application Handbook (2007 Edition), drawbacks of plenum return system are cited as reproduced below:

"Suspended ceiling return air plenums eliminate sheet metal return air ductwork to reduce floor-to-floor height requirements. However, suspended ceiling plenums may increase the difficulty of proper air balancing throughout the building. Problems often connected with suspended ceiling return plenums are as follows:

- Air leakage throughout cracks, with resulting smudges.
- Tendency of return air openings nearest to a shaft opening or collector duct to pull too much air, thus creating uneven air motion and possible noise.
- Noise transmission between office spaces."

G. AHU Controls*(1) General*

Provide a fully functional automatic control system to ensure comfort and energy efficiency from full load to part load conditions, with integral safety features to protect the occupants and equipment.

(2) System Components and Minimum Sequences

Provide motorized control valves, automatic dampers, airflow measuring devices, a static pressure sensor, chilled-water flow meters, temperature, pressure, and humidity sensors, humidifiers, smoke detectors and smoke dampers, as required, to address such sequences as:

- Supply Air Temperature Control
- Fan Speed Control
- Provision of Minimum Outside Air from Full Load to Part Load
- System Start-Up
- Morning Warm-Up and Night Setback Cycles
- Smoke Detection
- Alarms

6.4.7 FAN COIL UNITS**A. General**

Provide a 4-pipe fan coil unit system for spaces not required to be in compliance with the criteria cited in Paragraph 6.4.6A above. Cooling only fan coil units are permitted, where year-round cooling is required for applications, such as elevator machine room, telephone room, and computer room. Provide at least one fan coil unit for each room. A single fan coil unit cannot serve two or more rooms by ducted supply air takeoffs. Use of a 2-pipe fan coil unit system, with seasonal changeover, is not permitted.

B. Minimum OA – Ventilation

Do not admit raw minimum outside air (for ventilation) from the exterior wall vents. Provide a dedicated, central air-handling unit, complete with air distribution ductwork and outlets, to admit conditioned and filtered ventilation air directly in the occupied spaces and NOT via mixing boxes. Components of the central ventilation units shall be similar to the all-air system.

C. Fan Coil Units – Type

Fan coil units shall be one of the following types:

- Vertical Floor Mounted
- Horizontal Recessed
- Horizontal Concealed

D. Fan Coil Units Controls

Provide modulating controls for the cooling and heating coils. Provide a dead-band between the cooling and heating modes to avoid simultaneous activation of cooling and heating systems.

6.4.8 CLOSED-LOOP – GROUND SOURCE HEAT PUMPS (GSHP)**A. General**

Evaluate and include the closed-loop heat pump system in the design where land area is available to install the outside underground loop. Heat pumps can be used where an all-air system is not feasible.

B. Closed-Loop System Selection*(1) GSHP Type*

The ground source heat exchangers are installed in horizontal or vertical configuration.

The vertical heat exchanger is commonly used, as it has lesser land requirement compared to the horizontal type.

(2) Test Bore

Sample boring or test bore is highly recommended to estimate approximate depth of the bore and soil condition, i.e., thermal properties. Test bore data shall enable the designer to optimize the loop design and eliminate assumptions from the design process.

The test bore can be used as a permanent ground heat exchanger.

(3) Commonly Used Design Parameters

The commonly used parameters are:

- Bore Diameter = 4 to 6 inches [101 to 152 mm]
- Bore Placing = 20 to 30 feet [6 to 9 m]
- Pipe Diameter = 1 inch up to approximately 300 feet [91 m]
- 1-1/4 inch up to approximately 500 feet [152 m]
- 1-1/2 inch for depths greater than 500 feet [152 m]
- Piping Material: HDPE (High-Density Propylene) – thermally fused

(4) Loop Types

Select the loop design and configuration based on the type of buildings. Evaluate and include any one of the following three loops:

- Simple unitary loop
- Sub-central
- Central

The designer may select any one or combination of the above loops.

C. Heat Pumps

Use water-to-air heat pumps with differing configurations to match the applications.

Examples:

- Vertical (up-flow or down-flow)
- Horizontal
- Classroom
- Console

D. Minimum Outdoor Air – Ventilation

Provide a dedicated, central air-handling unit with a heat recovery system for colder climate where outdoor design temperature at 99% is 41°F [5°C] or lower.

6.4.9 REFRIGERATION SYSTEMS – CHILLED WATER AND DIRECT-EXPANSION (DX) SYSTEMS

- Provide ARI certified, air-cooled or water-cooled refrigeration units.
- Use EPA approved refrigerants (HFC-134a, HFC-410a, or HCFC-123).
- Use of HCFC-22 refrigerant is not permitted.

Provide multiple units (minimum two) to ensure flexibility and efficient part load operation. Use of reciprocating compressors is NOT permitted. Equipment efficiencies shall be in compliance with the DOE, FEMP program.

6.4.10 CHILLED WATER SYSTEMS

A. General

Capacity of a single air-cooled chiller shall not exceed 200 tons. Capacity of a single water-cooled chiller (Centrifugal or Rotary Screw) shall not exceed 1,250 tons. Provide multiple chillers (at least two) to ensure reliability and efficient part load operation. A chilled water system shall be provided for all 100% OSA units.

B. Chiller Controls

Each chiller shall be equipped with a factory-installed and tested microprocessor for the safety and operating controls. The microprocessor shall be able to interface with the building DDC (Direct Digital Controls) controls with a BACNET open protocol arrangement.

C. Chilled Water Piping/Pumping System

Provide a fully functional chilled-water piping and pumping system complete with accessories and devices, such as variable-speed drives, flowmeter, and temperature and pressure sensors. Selection of the piping and pumping arrangement shall be project-specific. Provide variable flow chilled-water pumping (variable primary or primary-secondary) system to ensure energy efficient operation from full load to part load conditions.

D. Cooling Tower*(1) General*

Provide CTI-certified, corrosion-resistant, gravity-flow cooling tower in induced-draft configuration to cool the condenser water. The tower shall be in compliance with OSHA safety requirements and Physical Security provisions.

(2) Cooling Tower Location

Locate cooling tower to ensure that:

- Tower installation and noise is not objectionable and in compliance with the local ordinance. Provide low noise level fans and attenuators as required to meet the noise levels.
- Discharge from the cooling tower does not find its way into outside air intakes and open windows of the adjoining spaces to create a potential for the Legionellosis disease.

(3) Tower Accessories and Controls

The cooling tower installation shall be accessible and complete with a walking platform and a ladder safety cage.

(4) Water Treatment

Provide a complete and fully functional water treatment system using non-toxic chemicals approved by EPA and local authorities.

6.4.11 DIRECT-EXPANSION (DX) SYSTEMS

Use of DX systems, packaged or split-system, is permitted, provided the occupants comfort is not compromised due to lack dehumidification at part load conditions. The minimum size unit is 20 tons. The Engineer shall address this issue by including the required control strategy and system configuration, such as:

- Multiple Compressors (single compressor units are NOT acceptable)
- Low-Ambient Operation
- Hot Gas Bypass
- Customized Refrigerant Piping Design (if required to avoid stratification)

6.4.12 HEATING SYSTEMS**A. General**

Provide heating hot water or steam boilers to meet the space heating and domestic hot water heating demand. Provide at least two boilers each of 50% capacity to ensure flexibility. Provide 100% back-up for the circulating pumps.

B. Selection Criteria

Selection of steam and/or hot water boilers shall be based on the following:

- Total heating load
- Total steam demand for winter humidification, sterilizers, kitchen equipment
- Domestic hot water load
- Location of heating equipment according to the OPC

C. Boiler Fuel Selection and Choice

- Use natural gas where uninterrupted supply is available.
- Use No. 2 oil where natural gas is not available.
- Use natural gas and No. 2 oil where supply of natural gas is interruptible.
- Provide complete fuel oil and/or gas piping with a gas meter.

D. Hot Water Heating Piping/Pumping System

- Provide a fully functional heating system complete with circulating pumps and insulated piping.
- Provide two-way modulating control valves to vary flow at part-load conditions.
- Provide variable speed drives for the hot water circulating pumps for sizes larger than 5.0 HP.

E. Steam Heating System

The steam system shall generate heating hot water by using a steam-to-hot water heat exchanger and steam accessories, such as condensate return system comprising of condensate return pump and flash tank, where required. Provide boiler water treatment and steam flow meter, interfacing with the central metering system.

F. Miscellaneous Terminal Heating Devices

Provide thermostatically-controlled terminal heating devices, such as unit heaters, cabinet heaters, convectors, and finned tube radiation to heat the miscellaneous spaces, such as:

- Attic
- Vestibules
- Crawl space
- Exterior stairs
- Exit doors leading to outdoors
- Mechanical Equipment Rooms (MERs)
- Toilets with exposed perimeter

6.4.13 PIPING SYSTEMS – BASIC REQUIREMENTS**A. Pipe Material**

Steel, ASTM A53, Grade B, seamless or ERW, schedule 40 for condenser water, chilled-water, hot water, and vent pipes.

Copper Water Tube (Option): ASTM B88, Type K or L, hard drawn. Soft drawn tubing, ¾-inch and larger may be used for run outs to for fan coil units.

Use pre-fabricated, insulated, chilled water piping for the underground applications or in the tunnels, or pipe basements or tunnels.

Steam Piping: Piping for condenser water, chilled-water, hot water, and vent pipes shall be steel, ASTM A53, Grade B, seamless or ERW, Schedule 40.

Steam Condensate Piping: (a) Concealed above ceiling, in wall, or chase: Copper Water Tube ASTM B88, Type K, hard drawn (b) All Other Locations: Copper Water Tube ASTM B88, Type K, hard drawn or steel, ASTM A53, Grade B, Seamless or ERW, or A106 Grade B Seamless, Schedule 80.

Chemical Feed Water for Condenser Water Treatment: Chlorinated polyvinyl chloride (CPVC), Schedule 80.

B. Minimum Pipe Size

Minimum pipe size shall not be less than ¾-inch [19 mm].

C. Minimum Water Flow

Minimum water flow shall not be less than 0.5 GPM [1.89 L/m].

D. Pipe Sizing

Select pipe sizes based on the ASHRAE recommendations and the need to provide an energy-efficient design.

E. Piping Connections

(1) Shutoff Valves

Provide shutoff valves to isolate each piece of equipment, such as chillers, boilers, cooling tower, pumps, coils, air terminal units, and terminal heating units requiring isolation, service, and/or replacement.

Provide drain lines at low points and air vents at high points.

(2) Strainers

Provide in-line strainers to protect equipment, such as cooling and heating coils and control valves.

(3) Check Valves

Provide check valves on the pump discharge side with two pumps operating in parallel.

(4) Flexible Connectors

Provide flexible connectors at the pump inlet and outlet connections.

(5) Filters

Provide cartridge-type of filters for the closed-loop chilled water and hot water systems. Provide solid separators for cleaning condenser water.

(6) Water Treatment – Closed-Loop Systems

Provide chemical shot feeder for the closed-loop chilled water and hot water systems.

(7) Piping Specialties

Provide expansion tanks and air separators for the chilled water and hot water closed-loop systems.

(8) Make-Up Water Connections

Provide make-up water connections with reduced pressure backflow preventer for the expansion tanks.

(9) Steam Trap

Provide float and thermostatic trap assembly for the equipment served by a modulating control valve. Provide at least 12-inch static head to facilitate condensate flow by gravity.

(10) Vent Lines

Provide vent lines for the steam condensate return pump and pressure-reducing valve station to discharge outdoors.

(11) Instruments

Provide pressure gauges and thermometers at the pumps and coils and at the equipment requiring measurements of the pressures and temperatures.

(12) Steam Gun

Provide a steam gun set comprising of steam, water, and detergent for cleaning of carts in the trash rooms, kitchen, and sterilizer room.

6.4.14 AIR DISTRIBUTION SYSTEM**A. Compliance**

All air distribution systems (supply, return, exhaust, relief, and outdoor air) shall be fabricated in accordance with SMACNA Standards.

B. Duct Material

Ductwork, casings, and accessories (e.g., volume dampers, turning vanes, elbows) shall be fabricated from galvanized sheet steel, ASTM A527, coating G90. As an optional material, aluminum sheets complying with ASTM B209, alloy 1100, 3003, 5052 can be used.

Use 18-gauge welded stainless steel ducts with liquid-tight continuous welds for all seams and joints for the "wet exhaust" systems. Wet exhaust systems are meant for dishwashers, cage washers, cart washers, scullery hoods, steam sterilizers, and ethylene oxide sterilizers.

For special exhaust systems serving fume hoods and biological safety cabinets, use welded stainless steel (ASTM A167, Class 302 or 304).

Use duct material in compliance with NFPA 96 and UL labeled for grease exhaust.

Use of fiberglass ducts, concrete ducts, and underground ducts is not permitted.

C. Design Parameters*(1) Minimum Duct Sizes*

- 8 inches x 6 inches for rectangular ducts
- 6 inches for round ducts

(2) Recommended Duct Velocities

Select the duct velocities and limiting static pressure drops in accordance with ASHRAE and SMACNA requirements. The selection shall address such issues as the noise levels, energy conservation, and the prescribed limits on the total fan static pressure as specified in ASHRAE 90.1.

D. Ductwork Accessories

Provide a manual volume damper at each low-pressure branch duct takeoff. Show all fire and smoke dampers and smoke detectors on the floor plans.

E. Air Outlets

Provide supply, return, and exhaust air outlets and inlets to ensure uniform distribution of air and avoid spot cooling and dead-end spaces without circulation. The air outlets shall not result in a drafty and noisy environment. Capacity of a single air outlet shall be based on and limited to meet the noise levels and uniform air distribution.

6.4.15 INSULATION

Provide duct and piping insulation in accordance with the ASHRAE Standard 90.1. External and internal insulation for the equipment shall be in compliance with the manufacturer's standard practice.

6.4.16 APPLICATIONS**A. Isolation Exam Room Requirements**

Provide at least two (2) treatment rooms to isolate potential TB patients until they are diagnosed and moved to an appropriate treatment facility. Each treatment room shall be designed to meet the following HVAC requirements:

- Constant Volume Supply and Exhaust Air
- Individual Room Temperature Control
- Minimum 12 Air Changes per Hour
- Negative Air Balance (Exhaust Air = 120% of Supply Air)
- Dedicated Exhaust Fan (a common fan can be sued to serve two rooms)
- Comply with Centers for Disease Control (CDC) requirements for Tuberculosis

Maintain entire exhaust duct under negative air balance and allow the air to pass through the HEPA filters (MERV 17) and pre-filters (MERV 8). Discharge air from the roof level from a 10-foot [3-meter] high stack at the discharge velocity of 3,500 FPM [17.8 m/s] discharge velocity. Care shall be taken to ensure that the exhaust air does not find its way into any outside air intakes and open windows. The minimum recommended distance between the air inlet and exhaust is 25 feet [7.62 m]. Increase this distance as required based on the outcome of the dispersion analysis to be performed by the Engineer.

The Engineer shall provide a certificate showing compliance with the negative air balance or negative air pressure by installing required controls and instruments.

B. Air-Conditioning Systems – Miscellaneous Areas

Provide dedicated and thermostatically-controlled air-conditioning systems for the critical spaces identified below:

- **Elevator Machine Room:** inside design temperature and the range shall be based on the manufacturer's recommendations
- **Telephone Equipment Room:** refer to 6.8.2.J, Telephone Equipment Room
- **Main Computer Room:** refer to 6.8.2.K, Main Computer Room

(1) General

Obtain project-specific scope of work and provide a HVAC system to serve the MRI Suite. Coordination with the MRI vendor is critical, as the mechanical system requirements shall depend upon the actual make and model number. HVAC system shall be dedicated unless it can be connected to any other system without compromising the design parameters.

(2) Cryogen Exhaust

Removal of cryogen during an accidental spill is a critical safety requirement. Coordinate the exhaust needs with a specific make and model number of the MRI Unit. Provide multiple levels of safety, such as exhaust, vent, and overpressure relief.

(3) Dedicated AC Systems

Closed-loop chilled water unit may be required for the process cooling. Refer also to 6.8.2.J, Telephone Equipment Room and 6.8.2.K, Main Computer Room.

C. Storage Rooms and Flammable and Combustible Storage Room

Provide dedicated exhaust ventilation system to maintain the space under negative air balance. Select fan, motor, and ductwork to handle the stored chemicals. Ensure compliance with NFPA 30. Exhaust fan shall run continuously and shall be served from the emergency power circuit.

D. Laboratories

Design HVAC systems to comply with NFPA 45 with 100% exhaust and negative air balance.

Provide dedicated exhaust systems for the fume hoods and Biological Safety Cabinets (BSC). Ductwork, fans, and motors shall be suitable to handle the chemicals. Exhaust from the hoods and BSC shall be discharged from the roof at appropriate velocity to ensure that contaminated air does not enter into outside air intakes and open windows.

E. Smoking Shelters

Provide a dedicated HVAC unit to serve the smoking facility. Safety of the non-smokers should not be jeopardized by indoor smoking. Provide outside air in accordance with ASHRAE Standard 62.1-2007. The installation shall be in compliance with Joint Commission on Accreditation of Healthcare Organizations (JCAHO). The system shall be sized to operate from the design outside air to re-circulatory mode when not occupied.

Design the system to maintain comfort conditions (80 °F [27 °C] at 55% Relative Humidity in cooling mode and 65 °F [18 °C] in heating mode). Ensure that the room exhaust does not find its way into the outside air intakes and open windows.

F. Pump Rooms

Provide heating and ventilation as required to be in compliance with NFPA 20. Provide dedicated and controlled equipment.

G. Enclosed Entrances

Refer to Paragraph 6.2.3 for the enclosed entrances. Provide independent heating device to activate and maintain 60 °F [16 °C] when the entrance doors are closed in heating season. Use devices such as overhead heating lamps.

H. Atrium Smoke Control

A Registered Fire Protection Engineer shall review and approve the engineering calculations of the smoke evacuation system.

I. Radiology**(1) General**

Penetration of lead lining by the HVAC ducts shall be coordinated with the equipment manufacturers.

(2) *Inside Design Conditions*
Use ASHRAE Standard 170.

(3) *Dedicated AC Unit*
Evaluate the need for a dedicated AC unit to meet the cooling demand of the equipment load due to computers and other equipment. Coordinate the heat dissipation with the equipment manufacturer.

(4) *Air Distribution*
Coordinate air distribution with the raised floor where installed in specific rooms. Ensure supply of minimum ventilation room for the spaces cooled by 100% re-circulating AC unit. Maintain room air balance as recommended by ASHRAE Handbook and/or Standard 170.

J. General Exhaust Systems

Ventilate spaces, such as toilets, janitor's closet, soiled utility rooms, and bathrooms, at the rate specified in ASHRAE Standard 62.1. Maintain negative air balance in the spaces.

K. Wet Exhaust System

Provide dedicated wet exhaust system for washers in the kitchen and SPD (Supply Processing and Distribution) areas. Provide welded stainless steel ductwork. Coordinate exhaust air volume with the equipment data. Maintain negative air balance in the spaces.

L. Vestibules

Provide a dedicated terminal heating unit to heat the vestibule. Ventilate vestibule by maintaining positive air balance, i.e., supplying air without taking return air back.

M. External (Perimeter Stairs)

Provide a thermostatically-controlled heating terminal unit to heat the stairs leading to outdoors.

N. General Waiting Areas (Admission and Radiology)

Per CDC and ASHRAE requirements, all waiting areas shall be maintained under negative air balance and exhausted outdoors at the rate of 12 air changes per hour. General exhaust system can be used to ventilate these spaces.

O. Operating Rooms

(1) *General*
Provide a dedicated 100% outside air (OSA) air-handling unit with 20 air changes (minimum) air to condition the surgery rooms and associated auxiliary spaces that will constitute a surgical suite. All air shall be exhausted outdoors and the space shall be maintained under positive air balance.

(2) *Air Distribution*
Provide stainless steel supply air ductwork, 2 position terminal box with hot water reheat, and HEPA filter. Provide stainless steel supply and exhaust registers.

(3) *Humidifier*
Provide unit-mounted humidifier to maintain exhaust air at 46 °F [8 °C] dewpoint.

(4) *Temperature and Relative Humidity Trend LOG Data*
Provide capability of recording operating room temperature and humidity by DDC controls or by manual recorder.

(5) *Energy Conservation Features*

Provide capability of reducing the supply and exhaust air volume by 50% while still maintaining the positive air balance. Provide a variable speed drive for the supply and exhaust air fans to operate at the reduced air volume and compensate for the variation in the static pressure due to filter loading.

6.5 FIRE PROTECTION

6.5.1 FIRE EXTINGUISHERS

Portable fire extinguishers recessed in cabinets shall be provided, inspected, and maintained by the Lessor in accordance with National Fire Protection Association (NFPA) 10, Standard for Portable Fire Extinguishers.

Recessed cabinets shall be provided in occupied areas. Size fire extinguisher cabinets to accommodate a 2.5 gallon [9.5 liters] pressurized water extinguisher. Recessed cabinets shall be conspicuously marked.

//Locate additional fire extinguisher cabinets in the surgical suite and in elevator machine rooms.//

6.5.2 FIXED FIRE EXTINGUISHING SYSTEMS

Provide fixed fire extinguishing systems in accordance with NFPA 96 for cooking operations producing grease laden vapors or smoke.

Fixed fire extinguishing systems shall be wet chemical and shall comply with UL300 in accordance with NFPA 17A. Activation of the fixed fire extinguishing system shall shut down the power/fuel source to the cooking equipment and shall be connected to the fire alarm system.

6.5.3 AUTOMATIC SPRINKLER //AND STANDPIPE// SYSTEMS

Automatic sprinkler systems shall be installed in the outpatient clinic building and any accessory buildings. Installation shall comply with NFPA 13. Sprinklers shall be installed throughout the building(s), including elevator machine rooms, walk-in freezers and cold rooms, telecommunications rooms, radiology and MRI suites, loading docks, electrical rooms and closets, audiometric booths, vaults, and generator rooms.

Provide a standpipe system as required by locally adopted codes and standards, NFPA 45, NFPA 1, or NFPA 101.

A. Design

The design shall comply with the requirements of NFPA 13// and NFPA 14//. The automatic sprinkler system shall be hydraulically designed by any design approach allowed by NFPA 13. A minimum safety factor of 10% shall be provided in the hydraulic calculations. Pipe schedule systems may be used for extension of existing pipe schedule systems where water supply is adequate. Sprinkler systems shall be designed based on available water supply without fire pump operating, where possible.

B. Installation

The installation shall comply with the requirements of NFPA 13// and NFPA 14//. Sprinklers shall be provided throughout the building.// Standpipes shall be Class I hose connections.//

//Where necessary, provide a fire pump to supplement the fire flow and pressure. The installation of the fire pump shall comply with the requirements of NFPA 20. The fire pump shall be an electric motor driven, horizontal split case centrifugal type. The fire pump shall be provided with both a test header and flowmeter. Relief valves, if provided, shall be recirculated back to the suction side of the pump. Jockey pumps shall be rated for no less than 60 GPM [3.79 L/s]. Fire pumps shall start automatically at 10 ppsi below the jockey pump start pressure. Fire pumps shall be manually shut down.//

Design wet pipe sprinkler systems, unless installed in areas subject to freezing. Dry pendant or sidewall sprinklers are preferred in lieu of dry pipe or antifreeze systems. Propylene glycol shall be used should antifreeze systems need to be installed when permitted by local authorities. Do not use pre-action type systems.

Sprinkler densities shall comply with NFPA 13, except in rooms containing movable/mobile shelving (high density storage) where the density shall be Ordinary Hazard (Group 2).

Rooms containing bulk supply storage shall be classified as defined by NFPA 13. Do not use shelving which obstructs sprinkler water from penetrating down through racks.

Install quick response sprinklers (QRS) in all areas, except where specifically prohibited (e.g., high temperature areas as defined in NFPA 13, elevator shafts, or elevator machine rooms). On retrofit projects, replace existing standard sprinklers with QRS.

Install standard sprinklers with intermediate temperature rating 200 °F [93 °C] or higher in elevator shafts, elevator pits, and elevator machine rooms. Install sprinklers in elevator shafts and pits only where required by NFPA 13. (Comply with necessary power shutdown requirements.)

The installation of flow control (on/off) sprinkler heads is not permitted.

Provide non-ferrous piping for all areas within Magnetic Resonance Imaging (MRI) suites.

Coordinate with architectural, mechanical and electrical work and show smoke zone boundaries, hazard classification, density, and other special requirements on drawings.

Coordinate sprinkler zones with fire or smoke (compartments) and fire alarm evacuation zones. Provide a flow switch, isolation valve, tamper switch, and pressure gauge for each zone. Notification shall comply with NFPA 72.

Determine and identify on drawings the location of fire pump, risers, all valves, fire department connections, drains, and points of connection with underground fire service main.

//Provide seismic protection in areas of Moderate High, High, and Very High Seismicities (See VA Seismic Design Requirements (H-18-8), Table 4).//

C. Commissioning

For the leased facilities, commissioning of the fire protection systems shall be implemented to verify the intent of the design by inspecting and testing the systems.

6.6 PLUMBING**6.6.1 GENERAL**

The Lessor and the Lessor's Design Engineer (henceforth known as the A/E or Engineer) shall use the contents of this document to design, install, test, adjust, balance, and commission the Plumbing systems in a trouble-free working manner to provide comfort and safety to the veterans, staff, and visitors.

6.6.2 MANDATORY PROVISIONS

See Paragraphs 4.1 CODES and 4.2.1 VA ADOPTED CODES, STANDARDS, AND EXECUTIVE ORDERS.

6.6.3 APPLICABLE CODES AND CRITERIA

See Paragraph 4.1 CODES, for applicable codes and standards.

6.6.4 PLUMBING DESIGN SCOPE

The plumbing design scope includes the following systems, which are detailed following this list.

- A. Water Distribution System
- B. //Potable Water Treatment Systems (includes softening, reverse osmosis, de-alkalizing, deionization, and reagent grade water production)//
- C. Domestic Hot Water System, including Recirculation
- D. //Steam System//
- E. Sewer/Vent/Waste System inside buildings
- F. Roof Drainage System
- G. //Sub Soil Drainage System//
- H. //Interior Fuel Gas System//
- I. //Medical Gas and Vacuum System//
- J. //Dental Gas and Oral Evacuation System//
- K. //Laboratory/Shop Compressed Air System//
- L. //Acid Waste and Vent System//
- M. Seismic Restraint System
- N. *Legionella* Mitigation

A. Water Distribution System

Size the piping for the hot and cold water systems per criteria specified in the IPC including backflow preventers, water hammer arrestors, and trap primers. Minimum pipe size shall be $\frac{3}{4}$ ".

Provide wall hydrants (a maximum of 200 feet [60.96 m] apart at the building exterior perimeter) at loading docks and at building entrances, with a minimum of one wall hydrant on each exterior wall.

Maintain a minimum pressure of 35 PSI [240 kPa] at the plumbing fixtures on the top floor. In minimum pressure calculations, use residual pressure at design flow. Monitor for diurnal pressure fluctuations experienced by the building water supply and modify starting pressures accordingly. Provide a pressure gauge on the top floor branch adjacent to the riser.

Where required, provide a domestic water booster system. Use a three-pump system with each pump handling half of the design flow rate. An inlet and discharge potable water bladder type buffer tank shall be provided to absorb pressure fluctuations and minimize pump cycling. Discharge pressure shall be controlled using variable frequency drives through a packaged booster pump controller. Provide spring loaded swing check valves on the pump discharge.

Provide a solenoid valve on the cold water supply to the dental Utility Junction Centers (UJC) with a control switch located in the reception area. A UJC is a grouping of specific utilities brought to a designated location in each dental operatory to provide convenient points of connection to the dental operating unit equipment.

The electrical supply shall be coordinated with the electrical engineer for all electronic faucets and flush valves, trap primers, solenoid valves, pumps, alarm panels, hot water heaters, and other appliances and equipment requiring electrical power.

B. Potable and Special Water Treatment Systems

Potable water provided to VA shall meet minimal EPA and/or state standards for contaminants. If potable water does not meet EPA and/or state standards, Lessor shall take action necessary to reduce contamination to acceptable levels. Lessor shall test potable water periodically to ensure that it continues to meet EPA and state standards.

Provide water treatment as required to meet EPA and/or state drinking water standards, and to meet special water use needs.

(1) Water Softener

Provide vertical, pressure type, sodium cycle water softeners from a single vendor. Regeneration shall occur no more than once per day. Provide bypass. A water softener system is required under the following conditions:

Entire Clinic: Provide 100% duplex softening equipment (with hard water bypass) when total hardness exceeds 170 ppm (mg/L) as CaCO3. Blend equipment effluent to a hardness of approximately 50 ppm [mg/L]. Provide a ventilated salt storage room to store a 30 day supply of salt.

Steam Cooking Equipment: Provide a simplex softener system when total hardness exceeds 5 ppm [mg/L].

Pretreatment: Provide 100% duplex softening equipment (with hard water bypass) for Reverse Osmosis and Hemodialysis water treatment packages.

Boiler Feed-water Make-up Use: Design duplex softeners, each furnishing 100% of the maximum flow rate, at an exchange capacity required for peak boiler feed-water make-up.

(2) Reverse Osmosis

Provide a stand-alone reverse osmosis system, comprised of a factory assembled package, complete with dual alternating carbon filters with automatic backwash, a 20 and 5 micron pre-filter, a reverse osmosis membrane, pressure pump, and all valves and controls necessary for complete automatic operation. All parts and components to be compatible with EPA drinking water standards, and the entire package shall be UL listed.

(3) *Dealkalizing System*

As facility needs dictate, provide a single chloride-anion pressure-type water-dealkalizing system for boiler feed-water make-up to follow water softening equipment. Reduce alkalinity to 20 ppm [mg/L]. Provide soft water bypass.

Design a separate measuring tank of sufficient size to furnish amount of saturated salt and caustic soda solution required for one regeneration. Caustic soda shall be approximately 10% by weight of total solution. Designate interior floor space for caustic storage.

(4) *Deionization System*

As facility needs dictate, provide a three-bed deionizer (cation, anion, mixed bed) of the tank exchange type, providing de-ionized water to meet the requirements of the facility. Feedwater to the deionizer system shall be fed through a 5 micron filter, provided as a component of the deionization system. The system shall be factory assembled, full duplex, and designed for automatic production of water with a conductivity of less than 10 micro-ohms.

(5) *Reagent Grade System*

As facility needs dictate, provide a complete packaged reagent grade water system. Confirm if users require grade 1, 2, or 3 quality, and estimate consumption amounts. Evaluate if it is cost-effective to provide reagent grade water system, or to have the users purchase water from an ISO3696: 1987-listed firm.

C. Domestic Hot Water System

Evaluate whether a central hot water system or stand-alone hot water heaters are better suited to the project. Analyze the various options in providing domestic hot water, and comply with pertinent sections of ASHRAE 90.1-2007 for water heating equipment efficiencies and pipe insulation.

If a central system is provided, evaluate whether it should be dedicated to domestic hot water, or if it should be a part of the central steam plant. Coordinate this design with the facility requirements, as steam requirements for sterilizers and humidifiers may be significant. Provide recirculation pump per IPC.

(1) *Stand-Alone Hot Water*

Provide gas (or electric if gas not available) storage tank type water heater(s), sized per ASPE. Provide drain pan, pressure/temperature relief valve, flue, and combustion air per IPC and local codes.

(2) *Central Storage Tank System*

Provide gas (or electric if gas not available) central storage tank hot water system, sized per ASPE. Water heater discharge temperature shall be set at 130 °F [54 °C]. Provide temperature limiting valve set at 105 °F [41 °C] at all shower heads. Provide pressure/temperature relief valve, flue, and combustion air per IPC and local codes.

D. //Steam System

Evaluate whether a central steam plant is justifiable. If the facility requires significant quantities of steam for sterilizers and/or humidifiers, it may well result in the lowest first and operating costs to combine these systems with domestic hot water. If so, provide shell (tank) and steam tube bundle for domestic hot water use, with hot water discharge temperature set at 140 °F [60 °C]. Provide pressure/temperature relief valve, condensate piping, and steam valve train, complete with bucket traps, control valve, and isolation valves.//

E. Sewer/Vent/Waste Systems Inside Building

Design sewer/vent/waste systems in accordance with IPC and ASPE. "Sovent" combination waste and vent systems are not allowed.

Unless required by local codes, floor drains shall not be installed in private or individual toilet rooms with a single water closet. Provide floor drains with trap primers in public toilet rooms containing two or more water closets, or a combination of one or more water closets and one or more urinals. Floor drains are required in bathrooms with showers.

Provide cleanouts according to the IPC. Identify all cleanouts on plans and riser diagrams. Do not locate cleanouts above ceilings or crawl spaces, and provide additional cleanout at the "end of run" of all groups of fixtures. Wherever possible, extend cleanout to outside the building perimeter.

F. Roof Drainage System

Roof drains shall be sized per IPC with applicable local amendments. In locations where the ASHRAE winter 1% dry bulb temperature is below 32 °F [0 °C], insulate roof drain leaders located under the roof and above lay-in or hard ceilings. Coordinate connection of roof drainage piping to storm drain site piping. Point of connection of building roof drain piping to site piping is at 5'-0" outside the building perimeter.

G. //Sub-Soil Drainage Piping

Sub-soil drainage piping for building structure is the responsibility of the site civil engineer.//

H. //Interior Fuel Gas System

Design in accordance with NFPA 54 or IFGC, as required and as modified by local codes.//

Provide natural gas earthquake valve downstream of and adjacent to the main gas meter at all locations within a seismicity rating of moderate-high, high, or very high, as indicated within VA Seismic Design Requirements Publication No. H-18-8.

Provide solenoid valve in the natural gas supply link to the Dental Laboratory and the Dental Clinic Operatories, with an emergency shut-off manual valve for each area (accessible to the users) located at the exit door to the space.

I. //Medical Gas and Vacuum Systems

Provide medical gas and vacuum wall connections at locations as dictated by the facility requirements, and design oxygen, medical air, vacuum, and other gas systems in accordance with NFPA 55, NFPA 99, as modified by local codes, and as specified in this document. Medical air and vacuum systems shall be isolated from Dental Compressed Air and Oral Evacuation systems. Provide combined zone valves (oxygen, medical air, and vacuum) in nurse station or other appropriate and coordinated area.

Oxygen and Medical Air systems shall be designed to deliver 50 PSI, with piping system not to exceed a 5 PSI loss from source to point of use. Minimum design flow rate for any pipe section is 7 SCFM. Medical air system compressor shall be of duplex design, 100% redundant with a single receiver.

Vacuum system shall be designed at 15 inches Hg, with piping system not to exceed 3 inches Hg pressure drop from source to point of use. Minimum design flow rate for any pipe section is 4.0 SCFM.

Note: Medical gas and vacuum systems as specified above are minimums. Systems may be considerably more complex based upon facility requirements.//

J. //Dental Gas and Oral Evacuation Systems

Systems provide dental gas and oral evacuation connections at locations dictated by the facility requirements, and design oxygen, compressed air, oral evacuation system and other gas systems in accordance with NFPA 55, NFPA 99, as modified by local codes and as specified in this document. Dental compressed air and oral evacuation systems shall be isolated from medical air and vacuum systems. Provide combined zone vales (oxygen and dental compressed air) in receptionist area or other appropriate and coordinated areas.

Oxygen system shall be designed to deliver 50 PSI, with piping system not to exceed a 5 PSI loss from source to point of use. Minimum design flow rate for any pipe section is 7 SCFM.

Dental compressed air system shall be designed to deliver the regulated 100 PSI, with piping system not to exceed 5 PSI loss from source to point of use. Minimum design flow rate for any pipe section is 7 SCFM. Dental compressed air system shall be duplex, with a single receiver.

The Dental Oral Evacuation System is comprised of central vacuum system providing suction to a Saliva Ejector (SE) and a High Volume Evacuator (HVE). The central vacuum system shall be designed to maintain a vacuum of 8" Hg, using an alternating duplex vacuum producer, each carrying 70% of the load. Provide with solids separator, and discharge exhaust pipe through roof of portion of building in which located. SE piping shall be provided in each operatory. Locate HVE system outlets in floor mounted UJC.//

K. //Laboratory/Shop Compressed Air Systems

Provide simplex air compressor to serve equipment and a minimum of one outlet on each wall in shop areas. The shop compressed air system shall include intake silencer, filter, refrigerated dryer, and receiver. Interior outlets shall be no farther apart than 25 feet [7.62 meters].//

L. //Acid Waste and Vent Systems

Provide chemical-resistant pipe for all waste and vent piping serving laboratory fixtures and photographic developing equipment. When fusion-joined plastic piping systems are used, mechanical joints shall be installed at traps and trap arms for maintenance reasons. Chemical drainage shall pass through an acid-neutralizing tank before connecting to the building sanitary drainage system. Install chemical-resistant vent pipe independently through the roof.//

M. Seismic Restraint Systems

Earthquake-resistive design for plumbing equipment and piping shall comply with the requirements of VA Seismic Design Requirements Publication No. H-18-8 and the International Building Code (IBC).

Exceptions: When allowed by local code, seismic restraint may be omitted for the following installations:

- Gas and medical air piping less than 1 inch [25 mm] inside diameter.
- Piping in boiler and mechanical equipment rooms less than 1¼ inch [32 mm].
- All other piping not including gas and medical air less than 2½ inch [64 mm].

- Equipment weighing less than 400 pounds [180 kg] support and attached directly on the floor.
- Equipment weighing less than 50 pounds [9 kg] suspended from the roof or floor or hung/supported from the wall.

N. Legionella Mitigation

There are currently no EPA enforceable regulations governing the levels of *Legionella* bacteria in potable water systems; however, EPA has issued a Maximum Contaminant Level Goal (MCLG) of 0 ppm [mg/L]. Municipal water supplies and wells can carry *Legionella*, so it is a given that the bacteria will be introduced into the facility potable water system at some time. The challenge is to limit the amplification of the bacteria to less than lethal levels.

Legionella bacterial amplification occurs when bio-films exist in water storage tanks and dead-end piping legs which allow for growth sites, and when temperature and pH levels are optimum for growth. Infection can occur when patients inhale atomized droplets while showering, drinking or receiving respiratory treatment.

(1) Piping Design

Provide means to easily remove and disinfect all outlet devices such as showerheads and faucets, etc. Utilize self-draining showerheads.

Provide a ¾" ball valve at the end of each piping section as a means to drain heated (above 140 °F [60 °C]) flushing hot water that will be used for initial and supplemental disinfection. Ball valve shall be within 50 feet [15.24 meters] of a floor sink, floor drain, sink, or lavatory.

Mix hot/cold water as near the showerhead as possible.

Eliminate all dead legs in the piping system.

Design domestic water piping system to facilitate future installation of a copper-silver ion generator system.

(2) Disinfection Methods

Subsequent to piping disinfection required per IPC, and as part of the commissioning process, disinfect the potable water systems against *Legionella* by one of the following methods:

- **Thermal Eradication:** Flush 145°F water through all outlets for a period of at least 30 minutes.
- **Chlorine:** Flush free chlorine at a level of 2 parts per million (PPM) or greater for a period of at least 2 hours.

Further information can be found in ASHRAE paper CH-03-3-2.

O. Plumbing System Commissioning

Refer to 4.8 SUSTAINABLE DESIGN AND ENERGY EFFICIENCY.

6.6.5 PLUMBING FIXTURES, TRIM AND EQUIPMENT

Provide plumbing fixtures, trim and equipment as required by the IPC.

A. Plumbing Fixtures

Water closets, urinals, sinks and lavatories shall be vitreous china or stainless steel. Bariatric water closets shall be rated at 1,000 pound [454 kg] capacity. Waterless urinals are not permitted. Service sinks (mop sink/basin) shall be floor-mounted cast terrazzo, (a combination of Portland cement and grey marble chips).

B. Plumbing Trim

Faucets and showerheads shall be of chromed brass, monel, or stainless steel; plastic trim is not permitted. Faucets shall be laminar flow; aerators are not permitted. Electronic hands-free controls shall be provided at all hand washing sinks and lavatories.

C. Plumbing Equipment

Provide wall-hung, self-contained, electric wheelchair accessible water cooler.

Hot water re-circulation pump shall be all bronze, with timer based controls.

6.7 ELECTRICAL**6.7.1 GENERAL**

The Lessor shall provide all the necessary electrical facilities for the project. It is expected that electrical systems will meet their primary objective of providing appropriate and reliable interior and exterior electrical, lighting, and auxiliary systems and services necessary to the safety and comfort to the veterans, employees, and visitors. In addition, the systems shall be safe, easily accessible for repairs and maintenance, and energy-efficient.

6.7.2 CALCULATIONS

Prepare and submit calculations as required by the type of design work performed. Calculations shall justify lighting designs; size of each branch circuit and feeder conductor, overcurrent protective device, equipment bus, generator, transformer, etc., at all voltage levels; setting of each overcurrent protective device with adjustable characteristic; required PPE to meet arc flash energy levels; etc. The Lessor shall submit the following calculations to VA: fault current calculations, protective device coordination study, arc flash calculations, load calculations, generator-set sizing calculations, voltage drop calculations, lightning protection system risk analysis, and lighting calculations.

6.7.3 LIGHTING CALCULATIONS

Perform all lighting calculations based on illumination criteria per the IESNA Lighting Handbook, latest edition. Calculations shall include room name, room number, fixture type chosen for the room, number and type of lamps to be used in the room, required illumination level, calculated illumination level, and all assumptions used.

Calculations for most interior spaces may be performed using the zonal cavity method. Perform and submit point-by-point calculations for areas of greater architectural or luminous sophistication. Calculations for exterior spaces, including parking structures, shall be point by point. Calculations shall demonstrate compliance with energy requirements per Paragraph 4.8 SUSTAINABLE DESIGN AND ENERGY EFFICIENCY.

6.7.4 FIRE ALARM SYSTEMS

Fire alarm systems shall be provided as required by NFPA 101 or the locally adopted codes.

The fire alarm system shall be designed to meet the requirements of NFPA 72 and the local codes.

//For new installations, locate the fire alarm control panel at the main entrance or at a 24-hour constantly attended location.

New fire alarm systems shall be analog addressable.//

Fire alarm systems shall not be combined with other systems such as building automation, energy management, security, etc.

Wiring for fire alarm systems shall be as follows: Initiating Device Circuits – Style B (Class B), Signaling Line Circuits – Style 4.0 (Class B), Notification Appliance Circuits – Style Y (Class B), and Communications between fire alarm control units – Style 7 (Class A). Where there are conflicts with local codes, the most stringent requirements shall be enforced.

Initiation devices shall be provided in accordance with NFPA 101, NFPA 72, NFPA 90A, and ASME 17.1 or ASME 17.3, as applicable.

Audible fire alarm notification appliances shall be provided in accordance with NFPA 72 and NFPA 101.

Visual fire alarm notification appliances shall be provided in mechanical rooms, public restrooms, public accessible areas such as corridors, auditoriums, cafeterias, assembly rooms, canteens, retail stores, and other publically accessible rooms of more than 750 square feet [228.6 square meters] of area.

Coordinate fire alarm zones with the location of smoke compartments and sprinkler zones.

The fire alarm system shall be monitored by a listed remote central station.

6.7.5 RACEWAYS AND WIRING

Install all wiring in raceways. All wiring shall be copper. All circuits and branch circuits shall have a separate equipment grounding conductor of appropriate size per the NEC. No more than 3 branch circuits are allowed to run in one homerun.

6.7.6 LIGHTNING PROTECTION SYSTEM

Perform risk analysis per NFPA 780, Annex L and provide a lightning protection system, where $N_d > N_c$. Submit calculations, including all assumptions. The Lessor shall use the following fixed factors in the calculation: $C_3 = 2.0$, $C_4 = 1.0$, $C_5 = 5.0$. All other factors shall be project-specific.

6.7.7 RECEPTACLE CIRCUITS

No more than 6 receptacles shall be installed on a single circuit.

6.7.8 //ESSENTIAL ELECTRICAL SYSTEM FOR CLINICS

The Essential Electrical System (EES) for other health care facilities shall comply with the Type 3 system as defined in NFPA 99, shall supply loads as defined in NFPA 70 and 99, and shall comply with the Joint Commission testing and reporting requirements. The Type 3 Essential Electrical System shall supply power for the task illumination and limited power service that is related to the safety of life, and that is necessary for the safe cessation of procedures in progress. The alternate source of power shall be per NFPA 70 and 99.

If electrical life support equipment is required or critical care areas are present in the facility, the Essential Electrical System shall comply with the Type 1 system as defined in NFPA 99. If a Type 1 system is required, connect the functions/items listed in Paragraph 6.7.9 to the Essential Electrical System.//

6.7.9 //ESSENTIAL ELECTRICAL SYSTEMS FOR CLINICS WITH ELECTRICAL LIFE SUPPORT EQUIPMENT OR WHERE CRITICAL AREAS ARE PRESENT

The Essential Electrical System for clinics with electrical life support or where critical areas are present shall comply with the Type 1 system as defined in NFPA 99.

A. Emergency System

The Emergency System shall comply with NFPA 70 and 99.

B. Life Safety Branch

The Life Safety Branch shall supply power to loads per NFPA 70 and 99, including:

- Alarm and alerting systems, such as fire alarm and medical gas systems.
- Automatic doors, used for building egress.
- Elevator cab lighting, control, communication, and signal systems.
- Exit signs.
- Generator set location: task illumination, battery charger for emergency battery-powered lighting units and selected receptacles.
- Illumination of means of egress.
- Telecommunications systems, where used for issuing instructions during emergency conditions, including public address and Code One (Blue) systems.

C. Critical Branch

The Critical Branch shall supply power to loads per NFPA 70 and 99, and as described below:

- **Emergency Room Treatment Areas and Life Support Rooms:** Task illumination and PBPU.
- **Hemodialysis Rooms:** Task illumination and one receptacle for each dialysis unit PBPU.

- **Human Physiology Labs:** Task illumination, selected receptacles and selected circuits.
- **Medication Rooms and Medication Preparation Areas:** Task illumination, selected receptacles and refrigerators.
- **Minor Operating Rooms:** Task illumination and selected receptacles.
- **Nurse Call Systems.**
- **Nurses' Stations:** Task illumination and selected receptacles.
- **Surgical Operating Rooms:** Task illumination (50% of the general fluorescent fixtures above the surgery table including battery backup within two of these fixtures), each x-ray unit and one film processor per suite.
- **Surgical Recovery Rooms:** Lighting fixture over each bed, one receptacle for each bed (or PBPU), night lights for each bed (or PBPU), and emergency alarm circuits.
- **Main Computer Room, Telephone Equipment Room, Telephone Console Room, Head End Room, and/or Telecommunications Rooms:** All UPS equipment, lighting, and receptacles.
- **Dental Suites:** Each ceiling track operatory surgical light, each dental operating unit, one duplex receptacle in each treatment area, and a storage refrigerator.
- **Electrical Rooms:** 50% of lighting and 50% of receptacles. Also, provide additional battery-powered lighting main electrical room.
- **Mechanical Equipment Rooms:** UPS equipment, task illumination, and selected receptacles for operating and controlling internal auxiliary power, data gathering panels, control air compressors, dryers, and any electric control for heating, ventilating, and air-conditioning (HVAC) systems.
- **Pharmacy Delivery Systems and Delivery Areas:** Task illumination, selected receptacles.
- **Pharmacy Dispensing Area:** Power files, laminar flow hoods, refrigerators, copier for transmittal of physicians' orders, task illumination, and selected receptacles.
- **Security Station:** Monitoring security alarm systems, task illumination, and receptacles.
- **Radiology:** Task illumination and x-ray unit.
- HVAC for Surgical Suites and Emergency Treatment Spaces, and other areas as deemed necessary by VA.
- Medical dispensing equipment.

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D. Equipment Branch

The Equipment Branch shall supply power to loads per NFPA 70 and 99.

(1) Equipment Branch Non-Delayed Automatic Connection

Arrange the following generator accessories for non-delayed automatic connection to the alternate power source:

- Electrically operated louvers
- Other generator accessories essential for generator operation
- Transfer fuel pump

(2) Equipment Branch Delayed-Automatic Connection

Arrange the following equipment for delayed-automatic connection to the alternate power source, including necessary controls:

- Vacuum pumps and oral evacuation pumps serving medical and surgical functions, including controls.
- Sump pumps and other equipment required to operate for the safety of major apparatus, including associated control systems and alarms.
- Medical and dental air compressors, serving medical and surgical functions, including controls (such systems may be connected to the Critical Branch).
- Smoke control and stair pressurization.
- Uninterruptible Power Supply (UPS) equipment serving equipment other than telecommunications equipment.
- Medical and laboratory refrigerators and freezers as required.
- Oxygen storage control panel.
- Equipment and control systems for each elevator bank: Design control systems to operate at least one elevator at a time and designate one elevator to serve the Surgical Suite during emergencies.
- Fire pump, jockey pump, and make-up pump for water-based fire protection systems; lighting and selected receptacles in fire pump room.
- Automatic operated doors.
- Autoclaving equipment (shall be permitted to be arranged for either delayed-automatic or manual connection to the alternate source).
- **Domestic Water Pumps:** Equipment, control system, light fixture and receptacle near the pump.
- Electric tape for heat tracing piping requiring freeze protection.

- Heating, ventilating, and air-conditioning (HVAC) systems.
- Heating and Cooling Equipment for Operating Suites, Recovery, and Emergency Treatment Spaces.
 - HVAC equipment for Magnetic Resonance Imaging (MRI) Suites and Computerized Topographic (CT) Scanners.
 - HVAC equipment for Main Computer Room, Telephone Equipment Room, Telephone Console Room, Head End Room, and Telecommunications Rooms.
- Ventilation, cooling and control equipment for elevator machine rooms, where the elevator(s) is backed by generator power.
- **Hot Water Generator:** Equipment, controls, and light fixture and receptacle near the generator.
- **Refrigerated Medical Storage:** Refrigeration equipment.
- **Sewage Pumps:** Equipment, controls, and light fixture and receptacle near the pumps.
- **Supply, Processing, and Distribution (SPD):**
 - Task illumination and selected receptacles in the following areas: core, sterile storage, non-sterile storage, preparation, and decontamination.
 - One ultrasonic cleaner, one ethylene oxide gas sterilizer, one steam sterilizer, one washer sterilizer, and one gas generator.
 - Equipment needed to preserve subsistence drugs that may be subjected to damage from infestation, humidity, or temperature.//

E. Alternate Source of Power (Type 1 EES)

The alternate source of power shall be one or more diesel engine-driven generator sets. Provide fuel supply for 24 hours of operation. Locate exhausts such that exhaust gases are not entrained into the building air. Fuel tank(s) shall have leak detection means. Offeror shall be responsible for corrective actions and remediation in the event of a tank malfunction or a violation of EPA or local regulations. Offeror shall license or register tanks as required by EPA or local Authorities Having Jurisdiction.

6.7.10 POWER MONITORING AND METERING

Power monitoring and metering are required to support energy use and conservations goals.

6.7.11 ELECTRICAL ROOMS AND CLOSETS:

No telecommunications equipment, other than telecommunications outlets, shall be placed within electrical rooms. Provide appropriate construction for the type of transformer(s)

installed. Electrical closets shall stack vertically, and shall not be further than 150 feet [45.72 m] apart, to limit maximum 120V circuit length to approximately 75 feet [22.86 m].

Rooms that contain freestanding electrical equipment shall be sized so that sufficient space is provided to add one additional section to each unit of freestanding equipment. Provide extended pad space and spare conduits that will facilitate future installation of equipment and conductors. Spare space shall be indicated on drawings.

6.7.12 ELECTRICAL EQUIPMENT

Electrical distribution components shall have copper bussing. Each panelboard shall contain 25% spare breakers.

6.7.13 LIGHTING FIXTURES

Standardize lamp types across fixture types to limit the number of different lamp types and wattages used. Select the number of lamps and the fixture type according to the recommended finishes specified in each area to ensure the intended lighting levels.

Linear 2-foot and 4-foot T8 fluorescent lamps with CRI>70 and rated lifespan of 20,000 hours are the preferred interior lighting source. T5 2-foot and 4-foot double-ended linear sources are allowed for indoor locations. Compact fluorescent lamps in twin-, tri-, and quad-tube T4 configurations are allowed.

Color-corrected lamps, having a CRI of 85 or above and correlated color temperature between 5000 degrees K and 6000 degrees K, are required in recovery rooms, operating rooms (color shall match that of the surgical light), and dental rooms (examination, oral hygiene, oral surgery, recovery, labs, treatment, and x-ray).

Select fixtures and light sources with long operating lives; which utilize controlling elements (lenses, louvers, reflectors, etc.) designed to provide the best utilization of emitted light at the task location; that are appropriate for the ambient temperature; and that are not prone to dirt accumulation. In high ceiling areas, locate fixtures for maintenance access or provide access for maintenance equipment.

Exterior lighting shall comply with energy requirements, and should comply with Dark Sky principles. When required by VA, exterior lighting designs are to meet the requirements of local outdoor lighting codes. Criteria recommended in the IESNA Guideline for Security Lighting for People, Property, and Public Spaces (latest edition) shall govern the lighting design. Exterior lighting shall be coordinated with physical security, SSTV, and landscaping requirements.

6.7.14 BALLASTS

Electronic high-frequency type ballasts shall be used for all linear fluorescent lamps, unless special environmental and/or sensitive equipment concerns require the use of low-frequency hybrid electronic-electromagnetic ballasts that operate lamps at 60Hz. Hybrid electronic-electromagnetic ballasts are allowed for surgical rooms and critical care units, as deemed appropriate by the design A/E. For metal halide, use pulse-start ballasts, and pulse-start lamps with glass or ceramic arc tubes. Probe-start ballasts and lamps are not acceptable.

6.7.15 LIGHTING CONTROL

Energy consumption constraints dictate the installation of automatic lighting controls for both interior and exterior lighting. Select and design master and room-specific lighting control systems that comply with energy codes and requirements; that respond to daylight harvesting; that utilize the correct sensor and sensor location for the controlled space; that are compatible with the controlled ballasts and lamps; and that are responsive to the occupant's desire not to feel "over-controlled."

6.8 TELECOMMUNICATIONS**6.8.1 TELECOMMUNICATIONS: CABLE PATHWAYS, WIRING, CABLES, AND INFRASTRUCTURE PLANT; AND SPECIAL TELECOMMUNICATIONS SYSTEMS****A. Scope**

This section covers requirements for cable pathways and raceways, fiber optic and copper wiring and cables, and special telecommunications systems (hereinafter referred to as "Special Systems"). Special Systems are identified as those telecommunications systems that are not telephone, data, or fire alarm (or related functions).

Cable pathways, wiring, and cables (both copper and fiber optic) make up the Telecommunications Infrastructure Plant (TIP) for the telephone, data, and Special Systems.

B. General Requirements

All TIP wire and cabling shall be installed in drop ceiling using cable hangers and a wire basket cable tray. In hard ceiling areas, a raceway system, which may consist of a mixture of conduits and enclosed cable trays, is required.

TIP wires or cables may be provided inside gypboard walls in flexible conduit, or without conduit, as specifically approved by VA in writing for each specific location.

The term "provide," where used herein, shall mean the same as "designed, engineered, furnished, installed, tested, guaranteed, and certified."

A complete and functional telecommunications infrastructure plant (TIP) is required. In renovation projects, the TIP shall be compatible with the facility's existing TIP. The TIP shall at a minimum incorporate all telephone, data, and Special Systems cables.

C. Conduits and Boxes*(1) General*

For system conduits, junction boxes, routing, termination, risers, horizontal runs, sizing, etc., follow industry-standard requirements.

(2) Minimum Size

Conduit from outlet to above ceiling should be a minimum of one (1) inch.

Conduit runs outside buildings will be equipped with a pull box (inside) or manhole (outside) after two 90-degree bends or an accumulation of 120-degrees of total pathway deviations from a straight line between each point of access.

Conduits outside of buildings shall be waterproof and shall not exceed 400 feet [122 meters] between manholes or pull boxes (not counting bend or traverse loss).

(3) *Interconnecting Conduit Requirements*

The following table identifies the minimum conduit requirements for the telecommunications and special systems infrastructure (not all conduits may be required, depending on rooms provided):

Conduit Requirements

Location A	Location B	Conduit Type	Quantity	Size
Entrance from street	TER	Direct burial PVC or PE	4	4 inch [100 mm]
TER	MCR	EMT	4	
Stacked Telecommunications Rooms (TR)	Next Stacked TR	Sleeve	4-6	4 inch [100 mm]
MCR (Optional)	Each TR Vertical Riser Stack	EMT	4	4 inch [100 mm]
Between TRs on same floor	Between TRs on same floor	EMT	Cable Tray	12 inch [305 mm]
MCR (Optional)	PCR	EMT	1	4 inch [100 mm]
HE Room (Optional)	Roof or access to antennas	EMT	2	3 inch [75 mm]

(4) *Horizontal Conduits*

Basket type cable tray may be installed above suspended ceilings in corridors for station wiring in non-critical areas. Minimum size shall be 12 in [305 mm] wide with 2 in [50 mm] sidewalls.

Surface metal raceways are not acceptable and will not be approved for wire or cable on the outside of walls.

Provide cable radius drop fittings (aka waterfalls) where cables exit basket type cable tray.

(5) *Vertical Risers*

Provide conduits of the size and counts depicted in the Conduit Requirements table in each TR as shown. Also, ensure each floor and ceiling penetration is sleeved and the corresponding conduit ends secured AFF and BFC, as described herein. Seal each conduit and associated cable with fire-proofing compound. Also, ensure each empty conduit penetration is like sealed.

(6) *Telecommunications Cable Ducts Under Cellular Floors*

Underfloor ducts and/or cellular floors shall be considered as air plenum areas. Therefore, all system wires and cables provided in these areas shall be plenum-rated and installed accordingly.

Each underfloor cable duct and/or cellular floor installation shall be provided with appropriate wire management system(s).

D. Telecommunications Outlets

Outlet boxes shall be the same minimum size as NEC standard quadruplex (or dual duplex) electrical outlet boxes.

Outlet boxes shall be equipped with full covered wall faceplates and two (2) each modular Category Six RJ-45 jacks and contain enough space for two (2) each additional modular Category Six RJ-45 jacks, one additional modular (1) stainless steel fiber-optic, and one (1) BNC (A/E note: an "F" type may be substituted "depending on system design) with analog coax cable jacks (for a total of six available modular jack positions). For cable installed in systems furniture route cables through raceways internal to the furniture frame to the outlet at each workstation.

Unless otherwise specified, mounting heights for telecommunication outlets shall be:

Telecommunications Outlets Mounting Height	
AREA/FUNCTION	MOUNTING REQUIREMENTS
Pay station	4 ft [1,200 mm] above finished floor (AFF)
Desk outlet	1.5 ft [450 mm] AFF
Special Use Areas	As required by design

Patient Bed Prefabricated Wall Units (PBPU): Use the provided receptacle box, conduit and connections. The PBPU UL listing shall not be violated. The Lessor is responsible to restore each unit's violated UL to the OEM standard at the Lessor's expense.

Special Systems: Provide each outlet minimum 18 in [450 mm] AFF unless otherwise specified by system design or indicated on the drawings.

Outlets shall not be located within 48 in [1200 mm] of the "swing open" side of inward opening doors or within 18 in [450 mm] of light switches, thermostats, or other electrical receptacles.

Elevator voice cables providing voice service to the elevator car shall be extended to the elevator equipment room.

E. Drawings

The A/E shall clearly show the locations of telecommunications outlets, conduit runs, cable trays or wireways, equipment cabinets and/or racks, telecommunications rooms/backboards, terminal, junction, and/or pull boxes on the drawings.

The A/E shall clearly show the exterior and/or underground raceway system, including distances between buildings, manholes, and in-ground pullboxes.

All raceways sizes shall be indicated on the drawings.

Drawings must include a detailed riser diagram for all distribution systems, and the interfaces between systems.

F. Wires and Cables

The design of the raceway system in existing buildings shall incorporate the existing facility TIP raceway systems. All unused existing distribution wires, cables, and pathway equipment not incorporated in the new or replacement pathway system shall be removed.

For new construction, the voice and data structured cabling system shall be Category 6 cable and Category 6 termination hardware. Additionally, the system should be installed by a structured cabling contractor certified by the manufacturer to install the system and capable of offering the manufacturer's system warranty. Such warranty should be a minimum of 20 years.

Plenum/CMP-rated wire or cable shall be provided in all areas' air-handling plenum locations. Non-plenum/CM wire or cable may be provided in all other areas.

G. Special Systems Specific Requirements*(1) General*

Provide systems as determined by project requirements. Not all systems may be required, and not all required systems may be listed below.

(2) Nurse Call

Provide nurse call system(s) as required. System(s) shall be as manufactured by Rauland Borg, General Electric, Simplex, or approved equivalent, as updated to most current technology or manufacturer.

Provide emergency nurse call stations in nonpatient ward toilet areas only at the following locations:

- Dental Service (if not covered by a hands-free telephone intercom system)
- Drug Dependency Treatment Clinic
- Genitourinary Clinic
- Nuclear Medicine
- Oncology Clinic/Area (if not covered by a Nurse Call or Code One/Blue system)

(3) Public Address (PA)

Provide public address and mass notification (PA) system(s) as required. System(s) shall be as manufactured by Bogen, JBL, Dukane, or approved equivalent, as updated to most current technology or manufacturer.

(4) Intercommunication System

Provide intercommunications system(s) as required. System(s) shall be as manufactured by Bogen, Aiphone, Leviton, or approved equivalent, as updated to most current technology or manufacturer.

Provide appropriate intercommunication systems at designated facility ingress and egress points connected to the Security Service Control Room.

(5) Radio Entertainment Distribution (RED)

Provide radio entertainment distribution (RED) systems as required. System(s) shall be as manufactured by Bogen, JBL, Dukane, or approved equivalent, as updated to most current technology or manufacturer.

All loudspeakers shall be of the recessed or ceiling type in lieu of surface-mounted type, wherever possible.

Loudspeakers in each day room, TV lounge, waiting room, and other designated areas that also contain PA speakers may be combined within the same speaker back box and grille, and use the same speaker cone, as long as each speaker function contains a separate matching transformer and voice coil for each service (i.e., one transformer and associated voice coil for RED and one transformer and associated voice coil for PA). This consolidation practice is an acceptable alternate to two individual speakers, back boxes, grilles, and mounts in these locations. Also, provide volume and selector controls in each of the aforementioned RED only areas at their Reception Room desk.

(6) *Master Antenna Television (MATV)*

Provide Master Antenna Television (MATV) systems as required. System(s) shall be as manufactured by Blonder Tongue, Scientific Atlanta, Olson Technologies, or approved equivalent, as updated to most current technology or manufacturer.

Master Antenna system antennas shall be mounted on hinged poles (or equivalent) where subjected to salt-spray atmosphere.

(7) *Security Surveillance Television (SSTV)*

Provide SSTV systems as required. System(s) shall be as manufactured by Panasonic, Video Tek, Pelco, or approved equivalent, as updated to most current technology or manufacturer.

(8) *Security Management and Control, and Centralized Police Security Management Systems (aka Security Management Telecommunications System SMTS)*

Provide SMTS systems as required. System(s) shall be as manufactured by Lockheed, Viper, Access Gold, Casi-Rusco, or approved equivalent, as updated to most current technology or manufacturer. LAN/WAN based systems must be on a separate and standalone system and NOT connected to the Facility's LAN/WAN.

- *Electronic Access and Door Control – Dyna Lock, Locknetics, Sentrol, or approved equivalent, as updated to most current technology or manufacturer.*
- *Motion Intrusion Detection – Security Metrics, Ademco, Honeywell, or approved equivalent, as updated to most current technology or manufacturer.*
- *Patient (also Staff) Annunciator/Locator System – Viking, Radiance, Secur Trak, Patient Central, or approved equivalent, as updated to most current technology or manufacturer.*
- *Duress Alarm and Emergency Notification System – Code Blue Pole Systems or approved equivalent, as updated to most current technology or manufacturer. Under no circumstance shall the telephone system be used to provide duress alarm functions.*

(9) *Radio Paging System*

Provide radio paging system (identified as Public Safety Operation and upgraded to Life Safety when interfaced to Code One (Blue)) as required. System(s) shall be as manufactured by Motorola, Johnson, Kenwood, or approved equivalent, as updated to most current technology or manufacturer.

(10) Two-Way Radio System

Provide two-way radio systems as required. System(s) shall be as manufactured by Motorola, Johnson, Vertex Standard, or approved equivalent, as updated to most current technology or manufacturer.

(11) Video Teleconferencing System (VTS)

Provide VTS systems as required. System(s) shall be as manufactured by Polycom, Tandberg, HP, or approved equivalent, as updated to most current technology or manufacturer.

(12) Satellite System

Provide VTS systems as required. System(s) shall be as manufactured by Scientific Atlanta, Blonder Tongue, Pico Macom, or approved equivalent, as updated to most current technology or manufacturer.

6.8.2 TELECOMMUNICATIONS/SPECIAL SYSTEMS ROOMS AND SPACE REQUIREMENTS**A. Scope**

This chapter covers the requirements for telecommunications, data, and special systems rooms and spaces.

B. Room Types and Definitions*(1) General*

Provide rooms as determined by project requirements. Not all room types may be required, and not all required room types may be listed below.

(2) //Telephone Console Room (TCR) (Optional)

The Telephone Console Room is where telephone operators are located. Operators provide service to the entire building. The Telephone Console Room is in many cases, but not all, continuously staffed. At many locations the operators also have the responsibility of monitoring critical alarms for equipment throughout the facility.//

(3) //Head End Equipment (HE) Room (Optional)

The Head End (HE) Equipment Room will be located in the general mechanical penthouse or other area dictated by system design. The room will accommodate all provided and planned Special Systems, Head-end Cabinets (i.e., MATV, SSTV, RED, Satellite TV, PA, Two-Way Radio, Radio Paging, and M/W Radio, etc.). The room will be sized for a minimum of (5) each separate systems.//

(4) Telecommunications Room (TR)

The Telecommunications Room is a room designed to centrally deliver data, telephone, and special systems services to users and equipment on that floor. There may be multiple rooms on a floor.

The design "Telecommunications Room" replaces the term "Signal Closet," which is no longer used. The new designation indicates the current construction practice of combining telephone, data, special systems, and fire alarm functions into one terminus, control, and distribution point. If security requirements require separation of systems, this will be accomplished by a chain link or other barrier that will provide physical security while allowing common lighting, heating and cooling, and power protection systems.

(5) //Remote or Secondary Telecommunications Room (TR) (Optional)

These rooms are typically provided for Special Systems that are allowed in patient or other designated areas that exceed the 300 foot [90 meters] maximum wire distance to Telecommunications Rooms, and the installation area is small enough so as to not warrant the larger and more costly stacked Telecommunications Rooms.//

(6) //Entrance Room (ER OR DMARC) (Optional)

The Entrance Room (ER) is a room or rooms designed to be the initial termination point for services being brought to the building by outside providers, such as telephone companies, data providers, CATV providers, etc.//

(7) //Telephone Equipment Room (TER)

The Telephone Equipment Room will be designed to house equipment to provide telephone, voice, and video teleconferencing services to the facility. It shall be interconnected with the DEMARC, MCR, and TRs via the facility's TIP system.//

(8) //Main Computer Room (MCR) (Optional)

The Main Computer Room (MCR) will be designed to house equipment to provide data services to the entire building or facility. In addition to the Main Computer Room, there may be a standby computer room that will provide backup services in the event of a catastrophic failure at the Main Computer Room.//

(9) Police, Emergency, and Designated Control Rooms

Police Control Room (PCR), Engineering Control Room (ECR), and other designated control rooms are other rooms throughout the facility that house specialized functions.

C. General Environmental, Power and Space Requirements

(1) General

The following is a list of minimal environmental, power, and space requirements that apply to all telephone, data, and special system rooms and spaces (hereinafter 'rooms' in this article) that contain electronic equipment. The list is not all inclusive and additional information or requirements may be found in this chapter.

(2) Location, Protection, and Access

Rooms shall be rectangular in shape and free of obstructions, such as columns and braces, if possible. If columns or braces are present, they shall not impede the installation or operation of individual system equipment and access to each equipment cabinet's front, side, or rear. The floor area occupied by the column shall not be counted as a part of the room's minimum useable square foot requirements.

Rooms shall be located above the Base Flood Elevation. Rooms shall not be located beneath toilets, showers, laboratories, kitchens, sinks, open courtyards, planters, roof drain leaders, or other areas where water service is provided. Active telephone, data, and special systems equipment is not allowed to be installed in elevator penthouses or mechanical rooms; dedicated rooms are required.

Rooms shall be designed to allow maintenance equipment access, and to facilitate equipment replacement without significant demolition and reconstruction.

Rooms shall not be located in patient care areas.

Any pipe or duct system foreign to the telecommunications installation shall not enter or pass through a room. The A/E shall ensure that foreign piping such as water pipes, steam pipes, medical gas pipes, soil pipes, sanitary drains, storm drains, A/C ducts, and other unrelated systems utilized for or containing liquids, or gases are not installed or pass through rooms. Sprinkler piping serving only telecommunications spaces shall not be considered foreign to the telecommunications installation, and shall not pass through the space to serve other areas.

Rooms shall be located away from or protected from sources of EMI at a distance which will reduce the interference to less than 3.0V/M through the frequency spectrum. Pay special attention to EMI from electrical power supplies, transformers, motors, generators, x-ray equipment, radio transmitters, and induction heating devices.

Rooms shall be located to minimize effects of lightning strikes and sunlight radiant heating. Rooms shall not have windows.

Rooms that are considered computer rooms should not be located on exterior walls.

Rooms shall have a controlled access door with card reader to control access to authorized personnel.

(3) *Room Envelope*

Finish flooring shall be anti-static plastic laminate or vinyl tile. The acceptable resistance range is from 0.5 megohm minimum to 20,000 megohm maximum.

Floors, walls and ceilings shall be sealed to prevent dust, and all walls shall be painted a light color.

Backboards shall be ¾" fire-retardant plywood.

(4) *Heating, Ventilation, and Air Conditioning*

Design conditions shall be 75 °F [24 °C] dry bulb temperature (cooling), 65 °F [18 °C] dry bulb temperature (heating), with individual room temperature control.

(5) *Power*

Power for all rooms and equipment shall be connected to the appropriate branch of the Essential Electrical System. Equipment shall be backed by an uninterruptible power supply (UPS), except HVAC equipment. Provide 120V 20A and 30A capacity, and 220/208V 20/30A capability as required. Match receptacles types with equipment provided and installed by VA Office of Information and Technology (OI&T).

(6) *Grounding*

Telecommunications systems grounding and bonding will consist, at a minimum, of an equipotential grounding system (Telecommunications Bonding Backbone (TBB)) that originates from the Telecommunications Main Ground Bar (TMGB). The TMGB (typically located in the Telephone Equipment Room) is then connected to other telecommunications spaces (independently from other building grounding systems such as electrical or lightning protection) via the TBB. The TMGB is connected to the building electrical service ground point via a mechanically and electrically protected minimum #1/0 copper equipotential grounding conductor, and to building steel. The TBB helps ensure that all equipment in the telecommunications spaces is referenced at the same equipotential earth ground level, and reduces high frequency electrical noise resulting from high speed digital switching, RFI, and EMI. Cabinet, rack and fixed structures bonding conductor(s) shall be minimum #6 AWG-

insulated stranded copper wire (or equal copper braid). All frames and cabinets shall be grounded in accordance with ANSI/TIA/EIA-607.

The telecommunications grounding system will comply with ANSI/TIA/EIA-607 requirements and follow BICSI – Telecommunications Distribution Methods Manual (Latest Edition) guidelines.

(7) *Security*

Comply with Physical Security Criteria in Paragraph 4.2.4 PHYSICAL SECURITY AND NATURAL DISASTERS RESISTIVE DESIGN and as follows. Provide electronic security system that is connected to and fully functional with the PCR SMTS and a cipher lock with numeric keypad, associated electronic card access device, and electric strike. Each room security system shall be powered from either the building or a local UPS system.

Each programmable door control shall be fully functional with the SMTS in a stand-alone status if its connection to the controller is cut. Once the connection is restored, the local door control system shall update the SMTS on all operations that occurred after the connection was interrupted, and the SMTS shall update the local door control units to current operational function.

(8) *Wire Management*

Refer to Paragraph 6.8.1 for requirements.

D. Telephone Console Room (Optional)

(1) *Configuration*

Space shall be per the following table:

Telephone Console Room Size Requirements

NUMBER OF CONSOLES	SPACE REQUIRED SQ M (SQ FT)
1	100 [9]
2	150 [14]
3	200 [19]

Provide a restroom and break room, separate from the operations area.

(2) *Heating, Ventilation, and Air Conditioning*

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements-Heating, Ventilation, and Air Conditioning.

(3) *Power*

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

Provide sufficient 120V receptacles at each operator position.

(4) *Alarm Panels*

Provide adequate space, heating and cooling, power, lighting, and telecommunications raceways for alarm panels as required for each project. At a minimum, provide for nurse call Code One (Blue), public address, emergency notification, duress alarm, fire alarm, and emergency and standby generator alarm annunciator panels.

E. Head End Equipment (HE) Room (Optional)

(1) General

This section covers the requirements for the Head End Equipment (HE) Room. The HE Room may include, but is not limited to, head end cabinets for MATV, SSTV, SSTD, RED, satellite TV, PA, two-way radio, and radio paging systems.

(2) Location

A dedicated room is required. This room may be located in the mechanical penthouse (as close as possible to a roof entrance) or attic, or an area as dictated by system design. It shall not be located in the elevator equipment room, or in the basement, or below the Base Flood Elevation.

The HE Room shall not be located further than 300 feet [91.44 meters] from the nearest vertically stacked Telecommunications Room.

If located in the mechanical penthouse or attic, the room may be separated from the rest of the area by floor-to-ceiling metal chain-link security fence with a minimum 40" x 84" inch locking gate with two sets of keys. If located in the HE Room, telephone or data equipment shall not use fencing of any type except to partition area within the secure HE Room.

(3) Configuration

The HE Room shall be a minimum of 10 foot x 12 foot [3.0 m x 3.7 m], or as large as the sum of the provided and future systems require, including space for UPS equipment. The HE Room shall be sized for the head end equipment of a minimum of five (5) each separate systems, four (4) each future systems, one (1) each overhead, and wall wire management system, four (4) each 4" ID weatherproof wall/ceiling cable feedthroughs, and two (2) each 4" ID conduits to the nearest vertically stacked telecommunications room. The space for future systems shall be clearly indicated on the contract documents. Space shall be per the following table:

Head End Equipment Room Size Requirements

NUMBER OF EQUIPMENT CABINET/RACKS	ROOM SIZE SQ M (SQ FT)
4 minimum	224 [22]
Add 2 UPS	224 [22]
Add 1 for System Grounding Block/Main TIP Distribution Panel (MTDP)	256 [24]
5 minimum	256 [24]
Add 2 for UPS	256 [24]
Add 1 for System Grounding Block/MTDP	289 [27]

Cabinets are installed joined or side by side, in which case where the 3 foot [900 mm] rule applies around the entire assembly. Minimum ceiling height shall be 8 feet [2.4 m] above finished floor.

The HE Room may be sized to use an Environmental Equipment Protection Cabinet in lieu of an air-handled space, if previously approved by VA. Add three (3) each sf with 3 ft clear floor area circumference per environmental cabinet.

(4) Tip Wire/Cable Interface Area

Provide a wall area, minimum size of 8 feet x 8 feet [2.4 m x 2.4m] (plywood covered, to provide a common termination point for all the cabling entering and leaving the HE Room).

(5) Heating, Ventilation, and Air Conditioning

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

A fully climate-controlled, standalone equipment cabinet is acceptable for each special system in lieu of fully acclimatizing the HE Room.

(6) Power

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

(7) Grounding

Provide a copper bus plate minimum 6 in [150 mm] w x 18in [470 mm] L x 0.5 in [13 mm], with a connection point located on the inside wall within the immediate area of the antenna coaxial cable(s) entrance conduit sleeves. Connect this plate to the lightning protection system with a minimum #1/0 (AWG) stranded copper wire, or increased sized connection device (i.e., strap, buss, etc.), as approved by the RE, to maintain the integrity of the lightning protection system so each of the system antenna cables' coaxial cable lightning protector can be installed and connected to the plate.

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements for additional requirements.

(8) Wire Management

Refer to Paragraph 6.8.1 for additional requirements.

The HE Room shall be provided with waterproof wall entrance sleeves to allow connecting of each outside antenna coaxial cable to the HE Room equipment. Add extra like sleeves for additional outside-mounted antennas as required by system design. One of these sleeves shall contain only the lightning protection connection.

The HE Room shall be provided with a minimum separate 6 in [150 mm] x 6 in [150 mm] cable duct/ladder/wireway from the designated TIP interface point to the dedicated waterproof locking 24" x 24" x 12" [600 mm x 600 mm x 300 mm] TIP connection enclosure. A minimum 12" cable ladder may be used for this purpose. A minimum of five (5) each 3" conduits may be provided in lieu the cable duct/ladder/wireway; additional cable duct/ladder/wireway shall be provided based on overall system design.

The mixing of coaxial cables and STP/UTP/fiber optic/AC and DC power wiring within the cable duct/ladder/wireway and/or conduits is not allowed.

Each wire/cable connection point shall be provided with a connection MDF capability and routes to connect the room's internal wire management system to the facility's TIP system.

F. Telecommunications Room (TR)

Rooms shall be provided in the quantities and locations that will limit telephone/data/special systems TIP cable/wire runs from the Telecommunications Room to the outlets to a maximum of 300 feet [90 m]. Splicing of cables is not allowed. Terminal cabinets shall not be used in lieu of Telecommunications Rooms.

(1) Configuration

Minimum room size shall be 10 feet [3 m] deep x 10 feet [3.6 m] wide. Minimum door size shall be 50 in [1,000 mm] wide x 84 in [2,100 mm] high. For every additional 10,000 sq ft [930 sq m] of floor space served, there shall be 10 linear feet [3 linear m] of wall space required. The TR Room will have a minimum of 4-19 inch racks with vertical wire management. The TR Room shall be sized for the building head end equipment requirements.

Rooms shall be vertically stacked.

The back wall of all rooms shall be lined with backboards, 8 feet [2.44 m] high, with the bottom 1 foot [0.30 m] above the finished floor.

Room height shall be a minimum of 9 feet [2.74 m] above finished floor. Rooms shall not have a suspended ceiling.

Entrance must have a minimum unobstructed area of 48 in [1200 mm] directly in front of the room door.

(2) Heating, Ventilation, and Air Conditioning

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

Cooling shall be provided according to the actual expected equipment installation and use.

(3) Power

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

Provide a separate 120V, dedicated 20A circuit with two (2) quadraplex receptacles centered in each side backboard, two (2) quadraplex receptacles centered in each front backboard either side of the room door, and three (3) quadraplex receptacles centered in the rear backboard. All receptacles shall be 18 in [457.2 mm] above finished floor. Allow 3 quadraplex receptacles on each 20 A circuit.

(4) Grounding

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

(5) Wire Management

Refer to Paragraph 6.8.1.

Each room shall be provided with lateral and vertical risers from the TER and MCR to each room to support a separate TIP distribution system for telephone, data and special systems.

G. Remote or Secondary Telecommunications Rooms (Optional)

(1) Location

Provide these rooms as required by each system design.

These rooms are typically provided for Special Systems that are allowed in patient or other designated areas that exceed the 300 foot [90 m] maximum wire distance to Telecommunications Rooms, and have a small enough installation area so as to not warrant the larger and more costly stacked Telecommunications Rooms.

(2) *Configuration*

Each room shall be a minimum of 6 feet x 8 feet x 8 feet [1.58 m x 2.4 m x 2.4 m] or according to BICSI Wiring Standards for the areas, whichever is greater. The minimum door size shall be 36 in [900 mm] wide by 84 in [2,100 mm] high.

Each wall shall be provided floor to ceiling with backboards and two (2) 19 inch racks with vertical wire management.

(3) *Heating, Ventilation, and Air Conditioning*

Refer to Paragraph 6.8.2F Telecommunications Room (TR).

(4) *Power*

Refer to Paragraph 6.8.2F Telecommunications Room (TR).

(5) *Grounding*

Refer to Paragraph 6.8.2F Telecommunications Room (TR).

(6) *Wire Management*

Refer to Paragraph 6.8.2F Telecommunications Room (TR).

H. Terminal Cabinets (Optional)

Terminal cabinets may be used where the number of outlets served is minimal, the distance of the run is in excess of 300 feet [90 m] from the otherwise nearest vertically stacked Telecommunications Room, and/or the cost of providing a Telecommunication Room is prohibitive. The use of terminal cabinets as a substitute for Telecommunications Rooms will not be approved.

Where required, each cabinet shall be not less than 16-gauge steel with doors and concealed hinges attached by welding.

Doors must be secured by a lock with a minimum of two keys.

Shall be thoroughly cleaned and painted at the factory with primer and the OEM's standard finish.

Each cabinet shall have a backboard covering the entire interior surface of the back of each cabinet if equipment-mounting rails are not required.

Cabinets shall have a minimum inside depth of 16 in [400 mm] from the inside of the door to the face of the backboard.

For Special Systems, provide equipment-mounting rails, guides, and shelves in lieu of the backboard. However, a backboard is acceptable if the cabinet is used solely for the interconnection and distribution of systems wires or cables where active or electronic equipment is not provided.

I. Entrance Room (ER or DMARC) (Optional)

(1) *Location*

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

(2) *Configuration*

The Entrance Room shall be a minimum of 12 feet x 8 feet [3.7 m x 2.4 m], and shall be equipped with backboards as required by system design.

(3) *Other Requirements*

All other requirements of Paragraph 6.8.2C General Environmental, Power and Space Requirements apply to the Entrance Room.

J. Telephone Equipment Room (TER)

(1) *Location*

The TER shall be located within a cable distance of 100 feet [30 m] of the Telephone Console Room (if provided). It should be located close to the DEMARC and MCR rooms (if provided).

A floor drain, evacuating and/or sump water pump, etc., shall be provided within the room if risk of water ingress exists. A high water level alarm annunciating system shall be provided in addition to intrusion alarm(s) that connects to the facility's ECR, PCR, SMS Console, and one other continuously-manned location.

(2) *Configuration*

Space shall be per the following table:

Minimum Telephone Equipment Room Size

NUMBER OF LINES	ROOM SIZE SQ FT [SQ M] (GEN SIZE)
200 to 300	168 [11] (12' X 14')
301 to 600	250 [23.5] (12' X 20')
601 to 900	500 [47] (20' X 25')
901 to 1,600	700 [65] (20' X 35')
1,601 to 2,000	900 [84] (20' X 45')
2,001 to 2,400	1,100 [102] (20' X 55')
2,401 to 2,800	1,300 [121] (25' X 44')
2,801 to 3,200	1,500 [140] (34' X 45')
3,201 to 4,000	1,700 [158] (34' X 50')

A minimum of 3 feet [910 mm] shall be provided around each cabinet unless the cabinets are installed joined or side by side where the 3-foot [910-mm] rule applies around the entire assembly. Minimum suspended ceiling height shall be 8 feet [2.4 m] above finish floor. The TER shall be a minimum of 12 feet x 14 feet [3.7 m x 4.3 m].

Provide a metal insulated door equipped with a deadbolt key lock and/or electronic lock. Also, each door shall be provided with an intrusion alarm to be annunciated locally, at the Facility's Engineering Control Room, Security Police Control Console, and one other continuously-manned location (i.e., Telephone Operator or MAS Emergency Room Desk).

Sufficient backboards shall be provided to limit interconnection wire and cable length from backboard to the room wire management system and planned cabinets. Backboards shall be located so as to allow unobstructed access to entrance and exit cable ducts, internal room wire management system, cabinets and doors.

Room height shall be a minimum of 9 feet [2.74 m] above finished floor. Rooms shall not have a suspended ceiling.

Sufficient space should be provided for UPS equipment.

(3) *Room Envelope*

Room shall be enclosed with fire-rated construction in accordance with NFPA 75.

(4) *TIP Wire/Cable Interface Area*

Within the TER there will be an area designated that houses and locates all TIP conduit and cable pathway terminations coming into the room from TRs, HE room, MCR, and either the single or duplicated Entrance Rooms (DEMARC). This area will house the distribution cable management system.

This area shall be a minimum of 12 feet x 8 feet x 8 feet [3.7 m x 2.4 m x 2.4 m] in addition to the minimum area required by the Telephone Equipment Room.

(5) *Heating, Ventilation, and Air Conditioning*

Design Conditions: 64 °F [18 °C] to 75 °F [24 °C] dry bulb temperature, 30 to 55% relative humidity.

HVAC load calculations shall include the rectifiers and associated batteries. Cooling requirements shall be based on system design with 30% reserve capacity. Cooling equipment shall be dedicated to the room, and an N+1 configuration shall be provided for reliability.

(6) *Power*

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

UPS system must provide power for a period of 4 hours. Power shall be distributed by Power Distribution Units (PDUs).

UPS equipment shall be sized based on the equipment requirements, plus future anticipated growth. The initial design load shall not be less than 30% and not more than 70% of the UPS capacity.

The UPS shall be monitored by the PCR SMS for power, alarms, and alarm history. The UPS shall have dry contacts or external alarm and control from the PCR SMS and one "C" contact for local computer signaling. The UPS shall be provided with computer system shutdown software and hardware connectivity as required.

The sharing of the TER's UPS is NOT allowed.

The room shall be equipped with dedicated electrical panel(s) capable of providing 208/120V, 3-phase, 4-wire power, with capacity designed for the equipment load plus future capacity. Each panel shall contain 20% spare electrical capacity and spare circuit breaker space.

Provide a minimum of one quadruplex receptacle (two duplex) for each 8 linear feet [2.4 linear meters] of wall space.

Emergency Power Off (EPO) push buttons shall be installed according to NFPA 75.

(7) *Lighting*

In addition to room lighting, provide battery-powered lighting in accordance with NFPA 75 and 101.

(8) *Grounding*

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

The Telephone Equipment Room shall be provided with a building earth ground connection by a clearly marked copper equipotential bus bar (Telecommunications Main Ground Bar (TMGB)).

The TMGB shall be directly connected to the facility's electrical ground via a mechanically and electrically protected minimum #1/0 AWG stranded copper equipotential grounding conductor. An AC electrical equipment grounding conductor is not acceptable for this function and will not be approved.

(9) *Security*

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

Each door shall have a color security surveillance camera that connects to a color monitor in the IT Chief's Office and is routed to the PCR.

A MID system shall be installed within the TER. The system shall be controlled and monitored by the PCR SMS.

An emergency voice-operated sound system shall be installed within the TER, terminated in the PCR SMS and the IT Chief's Office.

A duress alarm button shall be placed every 10 linear feet [3 linear meters] within the TER, annunciating to the PCR SMS and ECR, in addition to the Telephone Console Room and one additional continuously-manned location.

(10) *Wire Management*

Refer to Paragraph 6.8.1 for requirements.

K. Main Computer Room (MCR) (Optional)

(1) *Reliability*

The Uptime Institute has developed a system for classifying the expected reliability of data centers and computer rooms based on how the rooms were constructed, types of equipment used, and how services were delivered. Four tier levels were designated, and high level characteristics along with expected reliability for each tier are listed below:

Tier I	Tier I is composed of a single path for power and cooling distribution, without redundant components, providing 99.671% availability.
Tier II	Tier II is composed of a single path for power and cooling distribution, with redundant components, providing 99.741% availability.
Tier III	Tier III is composed of multiple active power and cooling distribution paths, but only one path active, has redundant components, and is concurrently maintainable, providing 99.982% availability.
Tier IV	Tier IV is composed of multiple active power and cooling distribution paths, has redundant components, and is fault-tolerant, providing 99.995% availability.

Designers should be familiar with the concepts involved and incorporate as many of the specific Tier III requirements into their design as practical.

(2) *Location*

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

Provide moisture sensors and water alarm annunciating system to signal an alarm condition within the MCR and the control room. Annunciate at the Police Control Room (PCR), Security Management Telecommunications System (SMTS) Console, and one other continuously-manned location (i.e., Telephone Operator or MAS Emergency Room Desk). Provide sump and pump for under floor area of raised floor systems where risk of water ingress exists.

(3) *Configuration*

The MCR useable floor area square footage (sf) requirements shall be minimum 1,200 sq feet (10 feet x 12 feet) [3 m x 3.7 m] and shall be increased on a case-by-case basis in minimum of 150 sq feet (10 feet x 15 feet) [3 m x 4.57 m] increments for:

- Each additional 8,500 sq feet [2591 sq meters] of facility floor space above the initial facility designed floor space.
- Unique equipment footprint(s), configuration of new systems, ramps, doors, and aisle ways, maintenance access to equipment, ceiling and floor furnishings.
- UPS equipment and main and emergency batteries, power distribution units (PDUs), etc.
- Main and intermediate telecommunication interface/distribution room(s) and corridors.

Provide office(s) required for MCR function and operation (i.e., Chief's, data storage, maintenance/service, etc.).

Provide one (1) each additional space to encompass projected expansion, to be included separately after each of the aforementioned added space requirements have been incorporated into the MCR design.

A minimum of 3 feet [0.91 m] shall be provided in front and back of each rack or cabinet. Minimum suspended ceiling height shall be 9 feet [2.7 m] above finish floor. The MCR shall be a minimum of 10 feet x 12 feet [3 m x 3.7 m] or as large as the sum of the planned systems, two spare systems, and access requirements.

Sufficient backboards shall be provided to limit interconnection wire and cable length from backboard to the room wire management system and planned cabinets. Backboards shall be located so as to allow unobstructed access to entrance and exit cable ducts, internal room wire management system, cabinets, and doors.

(4) *Envelope*

Room shall be enclosed with fire-rated construction in accordance with NFPA 75.

(5) *Tip Wire/Cable Interface Area*

Within the Main Computer Room, there will be an area designated that houses and locates all TIP conduit and cable pathway terminations coming into the room from Telecommunication Rooms, HE room, MCR, and either the single or duplicated Entrance Rooms. This area will house the distribution cable management system.

(6) Walls

Walls shall be reinforced on jamb side of Ballistic Resistant doors to BR Level 3, UL 752 to within 48 in [1200 mm] of each jamb from structural floor to MCR ceiling height.

(7) Floor

Provide access floor of "bolted stringer design" in the MCR and each subordinate computer room to accommodate power, data and telecommunications cabling, and other authorized utilities.

The access floor shall meet the requirements of Paragraph 7.8.8 //COMPUTER ROOM FLOORING.

The access floor shall be used as a cooling air plenum for air conditioning units. The supporting structure and "stringers" shall be connected to signal ground system with a minimum #2 AWG stranded copper wire.

Water and smoke detection devices are required beneath the access floor.

Doors: The MCR shall have a minimum of two outward-swinging doors, 48 in [1200 mm] wide, on each end of the MCR. One door shall exit directly into a corridor.

Doors shall be Ballistic Resistant BR, Level 3 in accordance with U.L. Standard 752.

Panic exit hardware, closers, and facility SMTS functional control and operation shall be provided on each door.

Ceiling: Finished ceiling height shall be minimum 9 feet [2.7 m] clear above the access floor. The suspended acoustical shall be clean-room mylar or ceramic type with a minimum noise reduction coefficient (NRC) of .55. Ceilings shall have a flame spread of less than 25 and a smoke development ratio of 50 or less, according to American Society of Testing and Materials (ASTM) Standard E-84.

(8) Heating, Ventilation, and Air Conditioning

Design Conditions: 64 °F [18 °C] to 75 °F [24 °C] dry bulb temperature, 30 to 55% relative humidity.

Two identical and independent dedicated MCR air conditioning units are required. Cooling requirements shall be based on system design with 30% reserve and in an N+1 configuration for reliability. The units shall be positioned at opposite ends of the MCR, diagonally opposite each other. The units shall have local and PCR SMTS monitoring and alarm annunciators. Air filters shall be MCR grade high efficiency. Both units shall operate at all times and share the load, unless one fails or is undergoing maintenance. The units shall be independently supported on OEM supplied stands of the same height as the raised floor.

The air conditioning units shall include refrigerant systems and glycol or DX cooling. Cooling capacity of each unit shall be able to remove all the sensible heat from the MCR. This heat is attributable only to the UPS loads and the heat loss due to the units and the UPS itself (typically 7 – 10%). Heat load from the air conditioning units shall be taken into account. Each unit capacity shall be allowed to remove 110% of the UPS load with both units operating.

The raised access floor shall act as the air supply plenum, and shall provide cooling to the equipment and room using cutouts and vent tiles. A minimum of one tile vent per 100 sq feet [30.48 sq meters] is required.

A fresh air supply from the building's HVAC system shall be provided to the MCR with a fire damper where the ductwork passes through the MCR firewalls. This shall keep the room at a positive pressure and provide cooling for lighting and personnel load of the room. The minimum building air supply shall be 200 to 300 cubic feet per minute (CFM) [94 to 142 L/s].

(9) *Power*

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

The room shall be equipped with dedicated electrical panel(s) capable of providing 208/120V, 3-phase, 4-wire and designed for the equipment load. Each panel shall contain 20% spare electrical capacity and spare circuit breaker space.

Provide a minimum of one quadruplex receptacle (two duplex) for each 8 linear foot [2.4 linear meter] of wall space.

Provide physical space and electrical capacity for an uninterruptible power supply (UPS) system that will provide power for four hours to Main Computer Room equipment. The UPS will be provided by the VA.

UPS equipment physical space and electrical capacity shall be sized based on the equipment requirements, plus future anticipated growth. The initial design load shall not be less than 30% and not more than 70% of the UPS capacity.

Each workstation within the Main Computer Room shall be provided with one UPS-backed duplex receptacle and two duplex normal power receptacles for desk lamps, fans, pencil sharpeners, etc.

Emergency Power Off (EPO) push buttons shall be installed according to NFPA 75 and 101.

(10) *Lighting*

Provide battery-powered lighting in accordance with NFPA 75 and 101.

(11) *Grounding*

Refer to Paragraph 6.8.2C General Environmental, Power and Space Requirements.

(12) *Security*

Each door shall have a color security surveillance camera that connects to a color monitor in the PCR.

A Motion Intrusion Detection (MID) system shall be installed within the TER. The system shall be controlled by the PCR SMTS.

A duress alarm button shall be placed every 10 linear feet [3 linear meters] within the TER, annunciating to the PCR, SMTS, ECR, and the Telephone Console Room, and one additional continuously-manned location.

(13) *Wire Management*

Refer to Paragraph 6.8.1.

Provide sleeves and conduit for initial and anticipated TIP access to the MCR.

L. Police, Engineering and Other Designated Control Room(s)

These rooms shall comply with Paragraph 6.8.2B(2) //Telephone Console Room (TCR) (Optional).

Provide these rooms with adequate designated TIP connectivity between the TER and MCR.

6.9 //ELEVATORS

The Lessor shall provide **two (2) elevators** for VA use in all multi-story buildings or in space offered above ground, to provide for full access. One elevator shall be a passenger elevator as described below, the second shall be a service elevator as described below. Elevators shall conform to the requirements of the American Society of Mechanical Engineers A17.1, Safety Code for Elevators, Dumbwaiters, Escalators, and Moving Walks; NFPA 70 (National Electrical Code). Elevators shall meet accessibility requirements. Refer to Paragraph 4.6 OSHA REQUIREMENTS.

Elevators shall be inspected and maintained in accordance with American Society of Mechanical Engineers (A17.2), Inspector's Manual for Elevators.

Passenger and service elevators platforms and entrance doors shall be of size and configuration specified to accommodate VA or ambulance gurneys.

Passenger elevator shall be minimum 4,000 pound capacity with 8'-0" wide by 6'-2" deep platform.

Service elevator shall be minimum //4,000 pound capacity with 6'-0" wide by 8'-8" deep platform// //5,000 pound capacity with 6'-8" wide by 8'-8" deep platform//.

The entrance openings for passenger and service elevator doors shall be 48 inches wide by 84 inches high. Doors shall be single-speed center opening, or two-speed side slide.

Provide an autodial system with hands free operation which is activated by the emergency alarm switch or call button in main and auxiliary control panels. The system shall be designed to communicate to a location in the building staffed during all working hours, such as the security office or telephone operator. After working hours, the autodial system shall rollover to an emergency number.

The floor covering in the car shall be a non-slip, firm surface which permits easy movement of wheelchairs. Carpet of any kind is not acceptable.

Emergency Lowering: Emergency power operation of elevators is not required. Lessor shall provide a backup power source to provide emergency lowering upon loss of normal power as follows. Upon loss of normal power, each elevator shall return to the lowest landing by activating the down valve. After the elevator has leveled at the lowest landing, provide power to open the car doors automatically. After a predetermined time, the car doors shall close. Power shall stay applied to the door open button so the doors can be opened from inside the elevator only. The elevator shall remain shut down at the bottom landing until normal power is

restored. A sign shall be installed on the controller indicating that power is applied to the down valves and door operators during loss of normal power.//

SECTION 7 INTERIOR CONSTRUCTION, FINISHES, AND INTERIOR DESIGN**7.1 GENERAL****7.1.1 SPACE PLANNING AND FUNCTIONAL LAYOUT**

The conceptual floor plan (PART IX) provided in this solicitation shall be used as the basis for the planning and functional layout of the facility. The final layout, design development documents, and construction documents shall be in accordance with Paragraph "Design and Construction Documents After Award" in this solicitation. The completed building shall accommodate VA's space program and interior functional requirements. Offerors are advised that the conceptual plans have been developed using VA Space Planning Criteria and information from VA Outpatient Clinic (SOC/CBOC) Design Guide which may be found at <http://www.cfm.va.gov/til/dGuide.asp#PC>.

Lessor shall provide accurate space layout drawings (floor plans) with offer and during design and construction document phases. Plans shall include sufficient information for the Government to compute the net area of each function (room), and to compute Building Gross Area and Net Usable Area in order to determine compliance with solicitation requirements.

7.1.2 ROOM NUMBERING

//The Lessor shall use the room numbering system established by VA in the conceptual plans on the design development and construction documents.//

//The Lessor shall work closely with VA to establish the room numbering system to be used for the facility.//

7.1.3 CIRCULATION SYSTEMS

The conceptual floor plan in this SFO defines the basic elements of the interior circulation systems and their relation to the functional plan within VA occupied space. The Lessor is responsible for the final design of horizontal and vertical circulation systems including building support space and common areas within the building during Design Development as defined in SECTION 3 MISCELLANEOUS above. Lessor shall integrate the design of circulation systems with building entrances, functional elements, wayfinding systems (refer to Paragraph 7.6.2 INTERIOR DESIGN CRITERIA) and signage (refer to Paragraph 7.12 INTERIOR SIGNAGE).

Circulation system components include entrances, lobbies, corridors, and vertical circulation (stairs and elevators).

Refer to Paragraph 3.14 for calculations involving circulation systems in the determination of Rentable and Net Usable Area.

In Business Occupancies the minimum width of corridors **within departments or functional areas** shall be 6 feet [1800 mm]; except corridors in Endoscopy Suite, Radiology Service, and Surgery Suite shall be minimum 8 feet [2400 mm] in width. Minimum width of major corridors serving multiple departments and building entrances and lobbies shall be 8 feet [2400 mm] in width.

In Ambulatory Healthcare Occupancies the Minimum width of corridors shall be 8 feet [2400 mm].

7.1.4 FLOOR-TO-FLOOR HEIGHTS

Floor-to-floor heights shall be sufficient to maintain minimum ceiling heights required in this solicitation (see Schedule E) and to install mechanical and electrical systems above the ceiling. Lessor is responsible for coordinating ceiling heights, structural members, space to install mechanical and electrical systems, and floor-to-floor heights (see Paragraph "Submittal Requirements for DD and CD Reviews" for drawings required during design development and construction document phases).

7.1.5 MATERIALS AND PRODUCTS FOR INTERIOR CONSTRUCTION AND FINISHES

A. General

The Lessor shall use materials and products for interior construction that comply with the minimum requirements specified in this solicitation. Materials not definitively specified in this solicitation shall be manufacturer's or supplier's regular production, first quality, and suitable for commercial use.

B. Recycled Contents Products

The Lessor shall comply to the extent feasible with the Resource Conservation and Recovery Act (RCRA), Section 6002, 1976. The Lessor shall use recycled content products as indicated in this SFO and as designated by the U.S. Environmental Protection Agency (EPA) in the Comprehensive Procurement Guidelines (CPG), 40 CFR Part 247, and its accompanying Recovered Materials Advisory Notice (RMAN). The CPG lists the designated recycled content products. EPA also provides recommended levels of recycled content for these products. The list of designated products, EPA's recommendations, and lists of manufacturers and suppliers of the products can be found at the www.epa.gov/cpg/products.htm website.

The Offeror, if unable to comply with both the CPG and RMAN lists, shall submit a request for waiver for each material to the Contracting Officer with the pricing submittal. The request for waiver shall be based on the following criteria:

- The cost of the recommended product is unreasonable.
- Inadequate competition exists.
- Items are not available within a reasonable period of time.
- Items do not meet the SFO's performance standards.

C. Environmentally Preferable Building Products and Materials

The Lessor shall use environmentally preferable products and materials. The Lessor shall consider the life-cycle analysis of the product in addition to the initial cost.

Refer to EPA's environmentally preferable purchasing website, www.epa.gov/epp and USDA BioPreferred products website, www.biobased.oce.usda.gov/fb4p/. In general, environmentally preferable products and materials do one or more of the following:

- Contain recycled material, are biobased, are rapidly renewable (10-year or shorter growth cycle), or have other positive environmental attributes.
- Minimize the consumption of resources, energy, and water.
- Prevent the creation of solid waste, air pollution, or water pollution.
- Promote the use of nontoxic substances and avoid toxic materials or processes.

The Lessor shall give preference to materials and products that are extracted and manufactured regionally.

7.1.6 MENTAL HEALTH

Design and construct areas to be used by outpatient mental health functions to incorporate the following features.

- Minimize dead ends or blind spots in corridors.
- Maximize visibility from staff stations.
- Place doors in offices where staff will consult with patients so that either patient or staff can exit the room without having to pass by the other to get out. Based on layout, this tends to put the door more in the center of the room.

Patient toilet doors that are in-swinging shall be equipped with hardware that allows them to open out in an emergency.

Glazing: Use laminated (preferred) or tempered glazing materials for all interior and exterior glazed openings in mental health areas.

7.1.7 //SEISMIC DESIGN//

//Nonstructural elements of buildings shall be designed and constructed to resist damage caused by earthquakes as required by local code and VA *Seismic Design Requirements* H-18-8.//

7.2 PARTITIONS

Non-bearing interior partitions shall be capable of supporting equipment and furnishings specified for the clinic. For interior partition framing use minimum 3-5/8 inch, 20-gauge, galvanized metal studs ASTM C645 with fasteners and accessories complying with ASTM C 754. Stud spacing shall be 16-inches on center maximum. For special requirements, use other sizes or systems as appropriate. Where pipe spaces are required, size partition framing thickness to conceal piping. Installation of metal studs shall comply with ASTM C754. Provide support required for equipment, furnishings, and work of other trades.

Use 5/8-inch thick gypsum wallboard ASTM C1396, except for special conditions. Use fire resistant Type X or Type C wallboard ASTM C1396 in fire resistant rated assemblies. Use moisture resistant wallboard ASTM C620 at wet locations. Provide accessories, fasteners,

and finishing materials in accordance with ASTM C1047, C1002, and C840. Install and finish gypsum wallboard in accordance with ASTM C840. Use //Level 5 finish// //Level 4 finish with [*insert desired texture here*] texture// for all occupied areas with paint finish. Provide Level 4 finish for surfaces to receive Type I vinyl wall coverings or ceramic tile. Provide Level 3 finish for surfaces to receive Type II vinyl wall coverings. Provide Level 2 finish in rooms or spaces for which no decorative finish is specified in Schedule E.

Provide fire and/or smoke rated partitions that comply with published UL, FM Global, or IBC designs.

//Where required by Schedule E, provide gypsum veneer plaster system on metal stud framing.//

Extend all layers of gypsum board, on both sides of studs, from floor to underside of structure above on the following partitions:

- Fire rated partitions
- Security partitions (see Paragraph 4.2.4G)
- Smoke barriers
- Sound rated partitions
- Corridor partitions as required by building code

In other locations, extend gypsum board from floor to heights as follows:

- Not less than 4 inches [101.6 mm] above suspended acoustical ceilings
- At ceiling of suspended gypsum board // or plaster // ceilings

Use minimum 4-inch solid concrete masonry units for partitions housing service windows of Pharmacy, Agent Cashier, and Credit Union.

Use lead-lined gypsum wallboard for shielding of x-ray rooms. Refer to Paragraph 7.5 below.

7.3 INTERIOR DOORS

7.3.1 GENERAL

Schedule E, "Room Finishes, Door and Hardware Schedule" indicates sizes and types of doors required. Doors shall be of flush design.

Fire rated door and frame assemblies shall comply with NFPA 80.

Acoustical door and frame assemblies shall provide STC rating specified. Submit certified test reports per ASTM E90.

All corridor-to-corridor doors shall have 100 sq. in. glass vision panels and shall swing in opposite directions from each other. Doors in fire partitions and smoke barriers shall have fire-rated glazing vision panels and be held open with electromagnetic holders, except doors which should remain closed for functional reasons.

//Interior Stairway Doors: Provide interior stairway doors with passage latch sets having inside and outside door handles free at all times. Exceptions are where stairway doors are required to be locked to prevent entrance into and elopement from functional departments or areas. Locking shall comply with NFPA 101.//

7.3.2 WOOD DOORS

Interior wood doors shall be solid core, 1-3/4 inch thick, with [*insert grade and species of veneers*] face veneers for //transparent// //opaque paint// finish.

Wood doors shall comply with Window and Door Manufacturer's Association (WDMA) I.S.1-A, Heavy Duty with Type II adhesives.

7.3.3 HOLLOW METAL DOORS

Hollow metal doors shall be 1-3/4 inch thick and comply with Standard Duty Doors per Steel Door Institute (SDI) A250.8, Level 1, Model 2; except:

- Stairwell doors shall comply with Heavy Duty Doors: SDI A250.8, Level 2, Model 2.
- Security doors (Type 36) shall comply with Extra Heavy Duty Doors SDI A250.8, Level 3, Model 2.
- Detention Doors (Type 22) shall comply with Extra Heavy Duty Doors SDI A250.8, Level 3, Model 2 with core type 'd' or 'f.'

7.3.4 HOLLOW METAL DOOR FRAMES

A. Frames for Hollow Metal Doors

Hollow metal door frames shall comply with Steel Door Institute (SDI) 250 for type and grade of doors required (Standard, Heavy Duty, or Extra Heavy Duty) and as follows. Frames shall be welded construction; knockdown frames are not allowed. Frames for doors specified to have automatic operators shall be minimum 16-gauge.

B. Frames for Wood Doors

//Hollow metal door frames shall be shop fabricated, pre-finished, site assembled steel frames. Provide fire rated assemblies where scheduled. Fabricate frames from cold rolled steel ASTM A1008, minimum 18-gauge; casings and trim minimum 20-gauge. Prepare frames for door hardware. Provide reinforcements for hardware specified.

Shop fabricated, pre-finished frames shall not be used for sound rated doors. Provide frames complying with SDI 114.

Shop fabricated, pre-finished frames shall not be used at openings scheduled to receive mortise locksets. Provide frames complying with SDI 250.//

//Hollow metal door frames shall comply with Steel Door Institute (SDI) 250 for Standard Duty, minimum 18 gauge.//

Frames for wood doors specified to have automatic operators shall comply with Steel Door Institute (SDI) 250; shall be welded construction; knockdown frames are not allowed; and shall be minimum 16 gauge.

7.3.5 //VAULT DOOR//

//Provide factory finished vault door complete with frame, hardware, threshold, and day gate.

A. Door

Fed. Spec. AA D 600, Class 5, // Type IIR (right open swing) // Type IIL (left open swing) // Style H, (Hand change combination lock).

B. Combination Lock

Fed. Spec. FF-L-2740, Model HC-(Hand change combination), Class FR-(Front reading), Type Y-(Tube type), Size LD-(Large dial).

C. Day Gate

Vault door shall have self-closing metal day gate of expanded mesh or solid bars finished to match vault door and frame. Furnish gate with an automatic locking device controlled by key on the outside of gate, and thumb throw latch release on the inside of the gate, with thumb throw accessible only to the inside. Key lock to the pharmacy hardware keysets.//

7.3.6 AUTOMATIC DOORS

At a minimum, automatic door equipment shall comply with the requirements of Builders Hardware Manufacturers Association (BHMA) 156.10. Provide operators which will move the doors from the fully closed to fully opened position in // three // five // seven // seconds maximum time interval, when speed adjustment is at maximum setting. Equipment shall conform to UL 325. Provide key operated power disconnect wall switch for each door installation. Automatic door operators and hardware shall be selected and sized appropriately for the door and frame, and for the type and frequency of traffic anticipated for the opening. Provide controls to open automatic doors from both sides. Equip controls with safety devices for pedestrian protection. Provide door operator controls and equipment that are easily accessible for maintenance.

Swing door operators shall be of institutional type, door panel size 2'-0" to 5'-0" width, weight not to exceed 600 pounds, electric operated for overhead mounting. Furnish metal mounting supports, brackets, and other accessories necessary for the installation of operators at the head of the door frames. The motor on automatic door operator shall be provided with an interlock so that the motor will not operate when doors are locked. Operators shall have checking mechanism providing cushioning action at last part of door travel, in both opening and closing cycle. Operators shall be capable of recycling doors instantaneously to fully open position from any point in the closing cycle when control switch is activated. Operators shall, when automatic power is interrupted or shut-off, permit doors to easily open manually without damage to automatic operator system.

Sliding doors shall have electric operators, conforming to BHMA A156.10 and the following. Assembly shall be single or bi-parting sliding doors as shown on conceptual drawings. Doors shall be opened by electric motor pulling door from closed to open position and shall stop door by electrically reducing voltage and stalling door against mechanical stop. System shall permit manual control of door in event of power failure. Opening and closing speeds shall be adjustable. In compliance with NFPA-101, all door panels shall allow "breakout" to the fully open position to provide instant egress at any point in the door's movement.

//Automatic doors are required at the following locations:

<<INSERT LIST OF LOCATIONS>>//

//Automatic doors are required at locations indicated in the conceptual drawings and door schedule.//

7.3.7 FINISH HARDWARE

Comply with requirements specified in "Room Finishes, Door and Hardware Schedule" in Schedule E for door hardware, hardware sets, and installation methods.

7.3.8 DOOR IDENTIFICATION

Special door identification for handicapped accessibility and hazard warning signs shall be installed at all necessary interior room doors. The forms and locations of door identification must comply with Paragraph 7.12 INTERIOR SIGNAGE. Doors leading into hazardous areas that might prove dangerous to a blind person shall be made quickly identifiable to the touch by knurling, roughening, or applying an abrasive coating to the surface of the knob, door handle, pull, or other hardware. Tactile warning indicators shall not be provided for emergency exit doors.

7.4 NOISE TRANSMISSION CONTROL

7.4.1 GENERAL

Provide sound-resistant construction at the rooms and areas listed in paragraphs below. Submit details of sound resistant construction with Second Design Development Submittal. Include test reports for designs or systems to be used. Construct partition, ceiling, and floor systems to provide necessary performance. Special attention shall be given to prevent possible flanking paths for noise transmission. Verification of noise transmission control shall be included in building commissioning.

Sound damping in meditation rooms, quiet rooms, and similar areas shall be provided by finish materials shown for these areas in Schedule E, "Room Finishes, Door, & Hardware Schedule."

Where an area generating unusual noise or vibration is located adjacent to occupied spaces, the Lessor's A/E shall obtain the services of a professional acoustical consultant to design the sound suppression measures required to produce a comfortable working environment in the adjacent spaces.

7.4.2 SOUND TRANSMISSION CLASS (STC) 45

The sound resistant enclosures (partitions, doors, duct system) of the spaces listed below shall be designed to suppress generated noise and provide a satisfactory degree of acoustical isolation for adjacent occupied spaces. A minimum Sound Transmission Class (STC) rating of 45 shall be achieved.

- A/C and other mechanical equipment rooms
- Emergency generator rooms
- //Auditoriums//
- //Multipurpose Rooms//
- //Mental Health Group Therapy rooms//
- //[_____]// [insert other spaces as required by clinic program]

7.4.3 SOUND TRANSMISSION CLASS (STC) 40

The sound resistant enclosures of the following spaces shall be designed to assure speech privacy and achieve an STC rating of 40.

Conference rooms

Consultation offices

Examination and treatment rooms

//Individual offices in Mental Health and Behavioral Sciences Service//

Audiology and Speech Pathology areas

//Benefits Counselors—VBA Regional Offices//

// [insert other spaces as required by clinic program] //

7.5 X-RAY RADIATION SHIELDING AND RADIOGRAPHIC ROOMS**7.5.1 X-RAY RADIATION SHIELDING****A. General**

Provide shielding against radiation from x-ray equipment. When required by State or Local jurisdictions, obtain the services of a physicist approved by the American Board of Radiology in accordance with the appropriate standards and regulations of the National Council on Radiation Protection and Measurements (obtainable from NCRP Publications; 7910 Woodmont Avenue, Suite 400; Bethesda, MD; 20814) to design and specify the level of radiation protection required.

State the prescribed shielding in terms of millimeters of lead or in inches of wall, ceiling, floor, and door construction of equivalent protection thickness. Post a certificate, stating the lead equivalent protection of each surface, in all rooms with radiation shielding.

B. Lead Lined Doors and Frames

Lead lining of frames, doors and other items occurring in partitions shall provide an x-ray absorption equivalent to that of partitions in which they occur.

(1) Lead Lined Wood Doors

- Use flush veneered construction.
- Face veneers shall be same species and grade as used for other wood doors in the project.
- Construct doors of two separate solid wood cores with a single sheet of lead lining through center.
- Extend sheet lead lining to all door edges, providing x-ray absorption equal to partition in which door occurs.
- Fasten wood cores together with either countersunk steel bolts through lead with bolt heads and nuts covered with poured lead, or with poured lead dowels.
- Finish face of dowels and lead covering of bolt heads and nuts flush with wood cores.
- **Edge strips:** Use same species of wood as face veneer.
- Minimum thickness shall be 1-1/2 inches at top edge and 2-1/2 inches at bottom edge.
- Extend vertical edge strips full height of door and bevel 1/8-inch for each two inches of door thickness.

Hardware for lead lined doors is specified in Schedule E. Make total thickness of sheet lead used for lining hardware equivalent to thickness of sheet lead core of door.

7.5.2 DESIGN FOR RADIOGRAPHIC EQUIPMENT

//Rooms containing radiographic equipment shall be designed to be shelled in and finish work scheduled for completion as late as possible in the construction process.//

//Rooms containing radiographic equipment shall be designed for a generic installation system that can accept and accommodate all vendors' radiology equipment (DOD/VA Universal X-Ray (R-F) Room). Design and construct room(s) in accordance with requirements shown on conceptual drawings.//

The structural support for overhead radiology equipment shall be designed such that movement of the radiology equipment ceiling-mounted support rails shall not exceed 0.2 in [5 mm] in any direction.

For a list of work items and materials required for the completion of rooms with radiographic equipment, refer to Schedules B and C of this solicitation. The Lessor will be required to provide unit costs for these items.

7.5.3 SPECIAL X-RAY CONTROL ROOM REQUIREMENTS

Provide single pane viewing windows of conventional lead glass for x-ray control rooms. Where the control room projects into and is located near the corner of the diagnostic x-ray room, the projecting control room partition shall have a portion of wall angled toward the x-ray work space. Locate the viewing window in this angled section.

To allow for clearance for x-ray tube crane travel, do not exceed a height of 7' 6" above the floor for that portion of the shielded partition of a control room which projects into a diagnostic x-ray room. Feed all electric service, located in or on the projecting control room partition, up from the floor or horizontally from the wall where the control room projects. Leave the space above the projecting control area clear to allow x-ray equipment to traverse.

7.6 INTERIOR FINISHES

7.6.1 GENERAL

Interior finishes are prescribed in "Room Finishes, Door and Hardware Schedule" in Schedule E of this Solicitation. VA must review and approve any deviation from this document prior to start of final construction documents.

The Interior Design concept and materials, finishes, colors, patterns and textures must be approved by the Contracting Officer. Submit sample boards for review and approval by Contracting Officer with 75% construction documents (Paragraph 3.20.4).

Finish materials, including vinyl wall covering, vinyl composition tile flooring, sheet vinyl, carpet, and ceramic wall and floor tile finish, as specified herein, shall be included in the rental rate. An estimate of base quantities of finish material that should be included in the proposed rental rate is indicated on Schedule C in this solicitation. Adjustments will be made at the end

of the construction based on actual measurement. Payment will be made per the pre-negotiated unit cost for these items.

7.6.2 INTERIOR DESIGN CRITERIA

A. Goal

To provide a supportive interior environment that is conducive to healing both the patient's mind and body, is respectful of the public monies, promotes staff performance, and expresses progressive high quality design.

B. Concept

The design is to pivot from the facility's mission and its patient profile. This includes a working knowledge of the profile and characteristics of the veteran as a patient population and the distinct profile of the users of said facility and said project. VA patients are often long-term, high repeaters with multi-medical problems. Each user group will reveal the degree of need for the design to address aging, physical and mental disabilities, abusiveness, loss of function and perceptual ability.

C. Function

Functional requirements dictate maintainable colors, textures, patterns, material selections, combination of materials, and installation techniques. Materials must be chosen for longevity and good appearance retention.

D. Signage and Wayfinding

A "wayfinding" process needs to be designed into every project. Patients, visitors, and staff need to know where they are, what their destination is, how to get there, and how to return to their origination point. Identification, personalization of occupied spaces, and orientation are all to be addressed in the design. Wayfinding is to be thought of broadly as building elements, color, texture, and pattern cues, as well as a coordinated set-up for separate contacted signage and artwork.

E. Guidelines

Design attention shall be given to all spaces. Areas which could initiate the design may be the lobby or administrative suite, but extensions of the same quality and variety are required for the corridors, staff areas, and patient areas. The design must offer a distinctive and clear lead for the planning and selecting of interior furnishings. Designs that narrow choices of procurement furnishings are inappropriate. A working understanding of the limits of government sources is to be considered. This consideration will produce a good environment for the furnishings.

Designs that use "lifetime of the building" materials in colors, patterns, and designs that transcend time are endorsed. Trendy colors and patterns are to be restricted to cycle replacement materials, such as paint and wall coverings.

7.7 CEILINGS

7.7.1 ACOUSTICAL CEILINGS

Ceiling suspension system shall be //intermediate-duty// //heavy-duty// system. //Provide aluminum suspension system in kitchen.//

Acoustical units shall be mineral fiber units that provide a noise reduction coefficient (NRC) of at least 0.55 and a ceiling attenuation class (CAC) rating of at least 33. Provide units with manufacturer's standard white painted finish, except provide membrane faced (mylar) units in //kitchen and other //locations scheduled for non-absorbent, scrubbable finish. Ceiling units shall have a flame-spread of 25 or less and a smoke development rating of 50 or less (ASTM E-84).

7.7.2 CUBICLE CURTAIN TRACKS

Provide cubicle curtain tracks with carriers and hooks in exam rooms and other locations indicated in Schedule B for privacy.

Provide surface-mounted tracks of extruded aluminum, ASTM B221, alloy 6063, temper T5 or T6, channel shaped, with smooth inside raceway for curtain carriers. End stop connectors, ceiling flanges and other accessories shall be fabricated from the same material with the same finish as the tracks or from nylon.

Curtain carriers shall be nylon or delrin, with either nylon or delrin wheels on metal, delrin, or nylon axles. Equip each carrier with either stainless steel, chromium-plated brass or steel hooks with swivel, or nickel chromium-plated brass or stainless steel bead chain and hook assembly. Alternatively, delrin carriers may have molded-on delrin hooks. Hook for bead chain may be the same material and finish as the bead chain or may be chromium-plated steel. Provide 2.2 carriers for every foot (or fraction thereof) of each section of each track length, plus one additional carrier.

At end of each section of track, make provision for insertion and removal of carriers. Design to prevent accidental removal of carrier. Any operating mechanism shall be removable with common tools.

VA will supply and maintain fabric cubicle curtains.

7.8 FLOORING

An estimate of base quantities of each type of flooring that should be included in the proposed rental rate is indicated in Schedule C. Adjustments will be made at the end of the construction based on actual measurement and payment will be made per the pre-negotiated unit cost for these items.

Flooring material specifications and installation methods shall conform to the requirements of this SFO and referenced national standards. Under floor concrete must be smooth and level. Patching and leveling compounds containing gypsum are prohibited. When floor coverings are newly installed or changed, samples must be approved in advance by the Contracting Officer.

Unless other material is scheduled for a room or area, perimeter base shall be rubber or vinyl complying with ASTM F1861. Base shall be 1/8-inch thick, 4 inches high with molded top. Style B (cove) shall be used throughout.

7.8.1 MEMBRANE WATERPROOFING AT INTERIOR FLOOR DRAINS

Provide membrane waterproofing under floor finishes surrounding floor drains in areas subject to wet conditions to prevent water and moisture from penetrating the underlying floor slabs and damaging the finishes and contents of the rooms or spaces below. Attach the membrane waterproofing to the floor drain by a clamp, extend outward from the floor drain under the entire area of the surrounding floor finish surface or concrete topping which slopes toward the floor drain or which is subject to surface water, and carry up abutting vertical surfaces at least 3 in [76.2 mm].

Do not provide membrane waterproofing if either:

- The floor slab is placed on grade.
- The floor finish itself is latex mastic with waterproofing membrane.

7.8.2 FLOOR SLAB DEPRESSIONS

Floor slab depressions are required in specific areas or rooms for the purpose of providing slopes in floors to:

- Direct water into drains.
- Provide for special floor finishes that require a setting bed.

It is the responsibility of the Lessor to ensure that depressions are provided to suit the actual finishes and equipment provided, and to satisfy the actual conditions required by the design.

Liquid applied water proofing shall be latex based water proofing membrane, ANSI A118.10; ready to use liquid latex compatible with Cement Backer Boards and tile setting mortars. Reinforcing fabric shall be alkali-resistant glass fiber. Final Performance shall be as follows in conformance with ANSI A118.10:

Waterproofing ability (ASTM D 4068)	Conforms (no water penetration)
Seam strength and breaking strength (ASTM D751)	Conforms (no water penetration)
Seam strength and breaking strength (ASTM D751)	Conforms
Dimensional stability (ASTM D1204)	Conforms
Shear strength to ceramic tile (ASTM C482)	Conforms
Fungus and microorganism resistance (ASTM G21-96)	Conforms

7.8.3 FLOORING, CERAMIC TILE

Unglazed ceramic mosaic tile shall be used in all toilets and other areas specified in Schedule E. Provide slab depressions, setting beds and waterproof membrane per Paragraph 7.8.2.

//Provide quarry tile in areas designated in Schedule E.//

Comply with ANSI A137.1, Standard Grade, and as follows. Coefficient of friction, when tested in accordance with ASTM C1028, shall provide the following level of performance:

- Not less than 0.7 (wet condition) for bathing areas.
- Not less than 0.8 on ramps for wet and dry conditions.
- Not less than 0.6 for wet and dry conditions for other areas.

7.8.4 FLOORING, VINYL TILE AND SHEET VINYL**A. Vinyl Composition Tile**

Vinyl composition floor tile (VCT) ASTM F1066, Composition 1, Class 2 (through pattern), 1/8-inch thick, 12 inches square, shall be provided at locations in Schedule E.

B. Resilient Sheet Flooring

Resilient Sheet Flooring (RSF) shall be provided at locations listed in Schedule E. //Rooms to receive RSF shall have 6-inch integral cove base (flash coving).// RSF shall conform to ASTM F1913 and material requirements specified in ASTM F1303 for sheet vinyl flooring, Type II, Grade 1, backing classification not applicable. Foam-backed sheet flooring is not acceptable. Use smooth face, minimum thickness nominal 0.08 inch. Provide maximum size sheet material produced by manufacturer to provide minimum number of joints; minimum width acceptable 48 inches. Each color and pattern of sheet flooring shall be of same production run.

C. Welded Seam Sheet Flooring

Welded Seam Sheet Flooring (WSF) shall be provided at locations listed in Schedule E. Rooms to receive WSF shall have 6-inch integral cove base (flash coving). WSF shall conform to ASTM F1303 for sheet vinyl flooring, Type II, Grade 1, except for backing requirements. Flooring shall be homogeneous through full thickness; backed sheet flooring is not acceptable. Minimum nominal thickness is 0.08 in [2 mm]; minimum width, 6 feet [18 m]. Each color and pattern of sheet flooring shall be of same production run. Welding rod shall be product of floor covering manufacturer; color of welding rod shall match field color of sheet vinyl.

7.8.5 //FLOORING, RUBBER

Rubber tile shall conform to ASTM F1344, Class 1, homogenous rubber tile, through mottled, //12 inches// //24 inches// square, thick; color and pattern uniformly distributed throughout tile. Molded pattern wearing surface base thickness shall be 1/8-inch thick. Where rubber tile is used, provide tiles with a minimum of 90% post consumer rubber.

Resilient treads shall conform to Fed. Spec. RR-T-650, Composition A, Type 2,-3/16 inch thick on wear surface tapering to 1/8-inch thick at riser end. Nosing shape shall to conform to sub-tread nosing shape.

Sheet rubber flooring shall conform to ASTM F1344, F1859 or F1860, 36 inches wide, 1/8-inch thick, //smooth face// //patterned face//, material by the same manufacturer as the rubber treads, color and pattern to match treads. Provide rubber flooring made with a minimum of 90% consumer rubber where possible.//

7.8.6 FLOORING, CARPET**A. Carpet**

New broadloom carpet shall be used as floor covering areas indicated in Schedule E. The successful Offeror/Lessor shall submit carpet samples and specifications.

//Provide new carpet tile as floor covering in those areas indicated in Schedule E of this Solicitation//

(1) *Physical Characteristics*

Carpet shall be free of visual blemishes, streaks, poorly-dyed areas, fuzzing of pile yarn, spots or stains, and other physical and manufacturing defects.

Carpet shall be manufacturer's standard construction commercial carpet:

Broadloom; maximum width to minimum use
//Modular Tile: 24 in [600 mm] square tile.//

Provide static control to permanently control static build up to less than 2.0 kV when tested at 20% relative humidity and 70 °F [21 °C] in accordance with AATCC 134.

Pile Height: Maximum 0.10 in [3.25 mm].

Pile Fiber: Nylon with recycled content 25% minimum branded (federally registered trademark).

Pile Type: Level Loop.

Backing materials: Manufacturer's unitary backing designed for glue-down installation using recovered materials.

Appearance Retention Rating (ARR): Carpet shall be tested and have the minimum 3.5-4.0 Severe ARR when tested in accordance with either the ASTM D 5252 (Hexapod) or ASTM D 5417 (Vettermann) test methods using the number of cycles for short and long term tests as specified.

Tuft Bind: Minimum force of 40 N (10 lb) required to pull a tuft or loop free from carpet backing. Test per ASTM D1335.

Colorfastness to Crocking: Dry and wet crocking and water bleed, comply with AATCC 165 Color Transference Chart for colors, minimum class 4 rating.

Colorfastness to Ozone: Comply with AATCC 129, minimum rating of 4 on the AATCC color transfer chart.

Delamination Strength: Minimum of 440 N/m (2.5 lb/inch) between secondary backing.

Flammability and Critical Radiant Flux Requirements: Test Carpet in accordance with ASTM E 648: Class I: Not less than 0.45 watts per square centimeter.
Corridors, lobbies, entrances, common areas or multipurpose rooms, open offices, waiting areas and dining areas: Minimum APYD 6000.
Other areas: Minimum APYD 4000.

VOC Limits: Use carpet that complies with the testing and product requirements of the Carpet and Rug Institute's Green Label Program. Use carpet adhesives that comply with the product requirements of the South Coast Air Quality Management District (SCAQMD), rule #1168.

B. Installation

Carpet shall be a direct glue down installation following the manufacturer's instructions. All patterns and/or stripes shall match. A seam layout plan shall be provided for broadloom to assure that seams are located out of major traffic patterns.

C. Replacement

Carpet must be replaced at anytime during the lease when it cannot be satisfactorily cleaned, stains removed or when excessive wearing or tearing occurs or unsightly seaming is noticed. The determination will be made by the Contracting Officer. **At a minimum, the carpet will be replaced every eight (8) years.** All replacement work will be done after hours at the Lessor's expense, including moving and replacing furniture.

D. Samples for Color Selection

When carpet must be newly installed or be changed, the Lessor will provide the Government a minimum of four samples of carpeting which vary in color. The color selected shall have the ability to disguise soil in entrance areas and wax-track off in areas adjacent to vinyl composition. A small pattern, tweed, or heather effect is most desirable. The sample and color must be approved by the Contracting Officer prior to installation. No substitution will be made by the Lessor after sample selection.

7.8.7 //FLOORING, LATEX MASTIC

Traffic-bearing, trowel-applied, vinyl resin, neoprene resin, or polyacrylate resin flooring system, latex mastic (LM) shall be provided at locations listed in Schedule E. A reinforced elastomeric waterproof membrane is not required for slab-on-grade installations of latex mastic.

A. Latex Mastic Flooring

Mil. Spec. MIL D 3134, Type II.

B. Waterproof Membrane

Shall consist of a neoprene emulsion or elastomeric polyurethane resin reinforced with fiberglass net or cloth.//

7.8.8 //COMPUTER ROOM FLOORING

Access flooring shall consist of a series of modular, removable, interchangeable panels on an elevated support system forming an accessible underfloor cavity to accommodate electrical and mechanical services. Depress the structural floor slab a minimum of 18 inches [457.2 mm]. Where slab depressions are not possible, provide access floor system 18 inches [457.2 mm] above the structural floor. **Minimum clear ceiling height shall not be reduced for raised floor installations.** Ceiling height shall be measured from top of access floor to underside of suspended acoustical ceiling. Provide ramp access at a maximum 1:12 slope for raised floor systems. //An access floor system constructed in existing buildings should provide a minimum of 12 inches [304.8 mm] clear space.//

System shall be filled, formed, or cast gravity-held panels on snap-on stringer understructure // gravity-held panels on bolted stringer understructure. All panels shall be interchangeable except those altered to meet special conditions.

Concentrated-Load Performance: Provide floor panels, including those with cutouts, capable of withstanding a concentrated design load of the following magnitude, with a top-surface deflection under load and a permanent set not to exceed, respectively, 0.080 inch and 0.010 inch [2.03 and 0.25 mm], according to CISCA A/F, Section I, "Concentrated Loads:" 1000 lbf.

Ultimate-Load Performance: Provide access flooring systems capable of withstanding a minimum ultimate concentrated load equal to value obtained by multiplying specified

concentrated floor panel design load by a factor of 2.5, without failing, according to CISCA A/F, Section II, "Ultimate Loading." Failure is defined as the point at which access flooring system will not take any additional load.

Rolling-Load Performance: Provide access flooring systems capable of withstanding rolling loads of the following magnitude applied to non-perforated panels, with a combination of local and overall deformation not to exceed 0.040 inch [1.02 mm] after exposure to rolling load over CISCA A/F Path A or B, whichever path produces the greatest top-surface deformation, according to CISCA A/F, Section III, "Rolling Loads:" Wheel 1 Rolling Load: 600 lbf.

Pedestal Axial-Load Performance: Provide pedestal assemblies, without panels or other supports in place, capable of withstanding a 5000 lbf axial load per pedestal, according to CISCA A/F, Section V, "Pedestal Axial Load Test."

Pedestal Overturning-Moment Performance: Provide pedestal assemblies, without panels or other supports in place, capable of withstanding an overturning moment per pedestal of 1000 lbf x inches, according to CISCA A/F, Section VI, "Pedestal Overturning Moment Test."

Stringer Concentrated-Load Performance: Provide stringers, without panels in place, capable of withstanding a concentrated load of 200 lbf at center of span with a permanent set not to exceed 0.010 inch, as determined per CISCA A/F, Section IV, "Stringer Load Testing."

Floor Panel Impact-Load Performance: Provide access flooring system capable of withstanding an impact load of // 334 N (75 lbf) // 445 N (100 lbf) // 566 N (125 lbf) // 667 N (150 lbf) // 778 N (175 lbf) // when dropped from 36 inches [914 mm] onto a 1 sq in [6.5 sq cm] area located anywhere on panel, without failing. Failure is defined as collapse of access flooring system.

Installed access floor shall be level within plus or minus 1 in 2000 (0.060 inches in 10 feet), and plus or minus 0.10 inches [2.5 mm] over the entire area. Floor assembly to be rigid, free of vibration, rocking panels, rattles, and squeaks.

Leakage: Air leakage through the joints between panels and around the perimeter of the floor system not to exceed 2 cu ft [0.057 cu m] of air per minute per linear foot [300 mm] of joint subjected to 0.5 inch, water gage [125 Pa] positive pressure in the plenum.

Grounding: Components shall be in direct positive contact for safe continuous electrical grounding of the entire floor system.

Panel to Understructure Resistance: Not more than 10 ohms.

Static Electricity Control: The acceptable resistance range is from not less than 0.5 megohms minimum to not more than 20,000 megohms maximum. Maximum electrical resistance shall be measured from the top of the panel to the grounded subfloor. Exposed metal will not be allowed at the wearing surface of the floor.

Floor Panels: Construct panels to be uniform in face dimensions and to be square within a tolerance of plus or minus 0.015 inches [3.8 mm]; and flatness within a tolerance of plus or minus 0.02 inches [0.5 mm]. Design individual floor panels to be easily placed and removed, without disturbing adjacent panels or understructure, by one person using a tool furnished by the access floor manufacturer. Panels shall be 24 inches x 24 inches [600 mm x 600 mm] in size.

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Filled Formed-Steel Panels: These shall be option of panel construction and are described below:

Particleboard core panels not less than one inch thick laminated to top and bottom face sheets of zinc-coated steel not less than 0.0179 inches [0.45 mm] thick. Enclose edges of core with upturned, die-formed edge of bottom sheet or with perimeter channel welded to top and bottom sheets.

Cementitious-filled panels fabricated with die-cut flat top sheet and die-formed and stiffened bottom pan formed from cold-rolled steel sheet joined together by resistance welding to form an enclosed assembly, with metal surfaces protected against corrosion by manufacturer's standard factory-applied finish.

Lightweight concrete filled panels fabricated with flat top sheet and bottom pan formed from electrolytic-zinc-coated, cold-rolled steel sheet joined together permanently and structurally by hemming and joined to concrete core by adhesive to form an enclosed assembly.

Provide perimeter of panels with continuous extruded conductive vinyl edge strips. Top edge of strip to be flush with panel floor finish. Mechanically lock edge strips and fasten in place with adhesive.

Perforated Panels: Flat, perforated top surface with holes or slots of number, spacing, and size standard with manufacturer. Fabricate cut-outs in floor panels to accommodate cable penetrations and service outlets. Provide reinforcement or additional support to make panels with cut-outs perform the same as solid uncut panels. Fit cut-outs with manufacturer's standard grommet. Provide foam-rubber pads for sealing annular space formed in cutouts by cables and trim edge of cutout with molding having flange and ledge for capturing and supporting pads.

//

7.9 WALL COVERINGS

Walls shall be covered in accordance with "Room Finish Schedule" in Schedule E, or other requirements of this Solicitation. An estimate of base quantities of each type of wall covering that should be included in the proposed rental rate is indicated in Schedule C. Adjustments will be made at the end of construction based on actual measurement and payment will be made per the pre-negotiated unit cost for these items. Colors and patterns shall be as selected or approved by the Contracting Officer.

7.9.1 CERAMIC WALL TILE

Ceramic wall tile shall be glazed tile. Ceramic tile at showers and wet locations shall be installed over cement backer board or Portland cement mortar on metal lath.

Comply with ANSI A137.1, Standard Grade; cushion edges; //matte// //gloss// glazing. Trim shapes shall conform to applicable requirements of adjoining floor and wall tile. Provide cove and bullnose shapes where shown, and required to complete tile work.

Cementitious backer units shall comply with ANSI A118.9.

A. Vinyl Wallcovering (W)

Vinyl wall covering shall comply with CFFA-2575. Fungi-resistance rating shall be 0 in accordance with ASTM G21. Provide factory-applied clear delustered polyvinyl-fluoride (PVF) coating minimum ½ mil [0.0125 mm] thickness. Do not include PVF coating weight in minimum total weight. Fire hazard classification with PVF coating shall be Class A.

//Type I (Light Duty) //.

//Type II (Medium Duty) //.

Adhesive shall be vermin and mildew resistant.

B. //Wallpaper Borders

Wallpaper borders shall be installed in spaces indicated in Schedule E. Borders shall be vinyl coated, 10 inches [254 mm] in width.

C. Protective Wallcovering (WP)

Wainscot of rigid PVC protective wall covering (WP) shall be installed on walls in corridors and other locations in accordance with Schedule E.

Provide rigid, embossed, impact-resistant protective wallcovering of PVC plastic sheets or roll stock. Material shall have following minimum properties: Thickness: //0.028 inch// //0.035 inch// //0.060 inch// //0.080 inch//; Roll Width: 48 inches [1200 mm]; or Sheet Size: 48" x 96" [1200 mm x 2400 mm]; Flame/Smoke Ratings: ASTM E 84, Class A; Flame Spread 0-25; Smoke Developed 0-450. Provide accessories: color matched rigid vinyl moldings and trim; acrylic latex primer/sealer, and mildew-resistant adhesives and caulk. Materials shall be cadmium and mercury free.

7.9.2 MAINTENANCE AND REPLACEMENT

All wall covering is to be maintained in "like new" condition for the life of the lease. Wall covering must be replaced or repaired at the Lessor's expense, including moving and replacing furnishings (except where wall covering has been damaged due to the negligence of VA), anytime during the occupancy by VA if it is torn, peeling, or permanently stained. Ceramic tile must be replaced or repaired if it is loose, chipped, broken, or permanently discolored. All repair and replacement work is to be done after working hours.

7.10 PAINTING**A. General**

Painting shall include field application of paints, stains, epoxies, and other coatings for surfaces and materials not supplied with factory finish or otherwise pre-finished. Painting includes shellacs, stains, varnishes, coatings specified, striping or markers, and identity markings. Wall surfaces shall be painted throughout, except where wall coverings per Paragraph 7.9 above are called for in "Room Finish Schedule" in Schedule E.

Immediately prior to VA occupancy, all surfaces designated by VA for painting must be newly painted in colors acceptable to VA. At a minimum, all painted surfaces including public areas must be repainted after working hours at the Lessor's expense every three (3) years. This includes moving and replacement of furniture.

B. Submittals

Before work is started, or sample panels are prepared, submit manufacturer's literature indicating brand label, product name, and product code as of the date of contract award. Each coating system is to be from a single manufacturer. All coats on a particular substrate must be from a single manufacturer.

Sample Panels: After painters' materials have been approved and before work is started, submit sample panels showing each type of finish and color specified. Panels to show color shall be composition board, 4 inch x 10 inch x 1/8 inch [101.6 mm x 254 mm x 3.175 mm]; Panels to show transparent finishes shall be wood of same species and grain pattern as wood approved for use, 4 inch x 10 inch face x 1/4 inch [101.6 mm x 254 mm x 6.35 mm] thick minimum.

C. Products

Provide the best quality grade of the various types of painting materials and coatings as regularly manufactured by acceptable paint manufacturer. Materials not displaying the manufacturer's identification as a standard, best-grade product will not be acceptable. Paint products of the following manufacturers are acceptable:

- Dunn-Edwards
- Frazee
- ICI
- Sherwin-Williams

Use primers with pigment and vehicle recommended by top coat manufacturer as compatible with substrate and finish coats specified. Use only thinners approved by the paint manufacture and use only within recommended limits.

Use ready-mixed (including colors), except two component epoxies, polyurethanes, polyesters, paints having metallic powders packaged separately, and paints requiring specified additives.

Paint materials shall conform to the restrictions of the local Environmental and Toxic Control jurisdiction. Volatile Organic Compounds (VOC) content of paint materials shall not exceed local, state or district requirements. Lead-base paints shall not be used. Materials shall not contain asbestos, zinc-chromate, strontium-chromate, cadmium, mercury or mercury compounds, or free crystalline silica. Materials shall not contain any of the ACGIH-BKLT and ACGHI-DOC confirmed or suspected human carcinogens.

D. Application

Unless otherwise specified, apply paint in three coats: prime, body, and finish. When two coats applied to prime coat are the same, the first coat applied over primer is body coat and the second coat is the finish coat. Apply each coat evenly and cover substrate completely. Finish surfaces to show solid even color, free from runs, lumps, brushmarks, laps, holidays, or other defects.

E. Paint Schedule

Gypsum Wallboard, except where epoxy coating (SC) is required:

- 1 coat primer sealer applied prior to texturing
- 1 coat pigmented sealer/primer
- 2 coats acrylic latex enamel //low luster// //semi-gloss// //gloss//

Gypsum Wallboard epoxy coating, (SC):

- 1 coat primer sealer
- 2 coats waterborne epoxy //semi-gloss// //gloss//

Ferrous and Galvanized Metal:

- 1 coat vinyl acrylic primer or vinyl pre-wash primer (if not factory-primed)
- 2 coats acrylic latex enamel //low luster// //semi-gloss// //gloss//

Wood – Transparent Finish:

- Provide hand-wiped stained finish, water-based, clear acrylic, premium grade //gloss and color as selected// //[specify gloss and color//
- Stain
- 2 coats clear finish

7.11 HANDRAILS, WALL GUARDS AND CORNER GUARDS

An estimate of base quantities of each type of handrail, wall guard, and corner guard that should be included in the proposed rental rate is indicated in Schedule C. Adjustments will be made at the end of the project based on actual measurement and payment will be made per the pre-negotiated unit cost for these items.

Stainless steel shall conform to ASTM A167, Type 302B. Extruded aluminum components shall conform to ASTM B221, Alloy 6063, Temper T5 or T6. Resilient materials shall be extruded and injection molded acrylic vinyl or extruded polyvinyl chloride meeting following requirements:

- Minimum impact resistance of 2150 ft-lbs [200 Nm] (when tested in accordance with ASTM D256 (Izod impact, ft-lbs per inch notch).
- Class 1 fire rating when tested in accordance with ASTM E84, having a maximum flame spread of 25 and a smoke developed rating of 450 or less.
- shall be rated self extinguishing when tested in accordance with ASTM D635
- Material shall be labeled and tested by Underwriters Laboratories or other approved independent testing laboratory.

Provide resilient materials with integral color with all colored components matched in accordance with SAE J 1545 to within plus or minus 1.0 on the CIE LCH scales.

7.11.1 HANDRAILS AND WALL GUARDS

Except in administrative areas, provide handrails and wall guards on both sides of all corridors. Provide chair rail at locations indicated in Schedule C. Provide continuous reinforcing in the wall attachment of handrails and bumper guards.

Handrail/Wall Guard Combination shall consist of snap-on covers of resilient material, minimum 0.078-inch thick, free-floated on a continuous, extruded aluminum retainer, minimum 0.072-inch thick, anchored to wall at maximum 32 inches on center.

Wall Guards (Crash Rails) shall consist of snap-on covers of resilient material, minimum 0.110-inch thick, free-floated over a continuous extruded aluminum retainer, minimum 0.090-inch thick anchored to wall at maximum 24 inches on center.

7.11.2 CORNER GUARDS

Resilient, shock-absorbing corner guards shall be // flush mounted // surface mounted // type of // 1-1/4 inch [31.75 mm] radius // ¼-inch [6.35 mm] corner //. Snap-on corner guards shall be formed from resilient material, minimum 0.078-inch [1.98 mm] thick, free floating on a continuous 0.063-inch thick extruded aluminum retainer. // Design retainer used for flush mounted type to act as a stop for adjacent wall finish material. // Provide appropriate mounting hardware, cushions and base plates as required. Provide factory fabricated end closure caps at top and bottom of surface mounted corner guards.

Stainless steel corner guards shall be fabricated of 0.0625 inch [1.59 mm] thick stainless steel. Stainless steel corner guards shall be surface mounted, with 3-inch [76-mm] wings and // 1-1/4 inch [31.75 mm] radius // ¼-inch [6.35 mm] corner //.

A. Resilient and Corrosion Resisting Metal Guards

Provide resilient or corrosion-resisting metal corner guards for the external corners of finished interior walls and columns in the paths of wheeled traffic as indicated below. Use surface applied //full height// //48 inch [1200 mm] high// resilient-type corner guards on gypsum wallboard//, veneer plaster,// //or plaster //walls. Use corrosion-resisting-metal corner guards on masonry or ceramic tile walls. Corner guards are not required in corridors where continuous handrails and bumper guards are used around external corners.

Corridors of:

- //Operating Suites//
- Ambulatory Care and Clinical Areas
- Warehouse and Receiving Areas

Areas of:

- Cart Storage
- Pharmacy
- //Supply Processing and Distribution//
- //Food Preparation and Storage//
- //Service Elevator Lobbies//
- //Rooms containing dumbwaiters or cart-lift elevators//
- Warehouse and Receiving

B. Structural Steel Angle Guards

Provide structural steel angle guards, protected from corrosion by painting or galvanizing, for use in corridors and areas of:

- Warehouse and Receiving
- //Parking Garages and Ambulance Garages//

Provide structural steel angle guards, protected from corrosion by painting or galvanizing, for exterior use in the paths of motor vehicle traffic to the receiving platform (loading dock) and at exposed corners on the platform.

7.12 INTERIOR SIGNAGE

Lessor shall develop and submit a signage plan for review and approval by the Contracting Officer during design development. Interior signage systems shall include identification, directional, informational, and code required signage. The Lessor shall furnish and install interior signs for all rooms, areas, conditions or features in the facility. Comply with accessibility standards listed in Paragraph 4.6 of this solicitation. For informational purposes, Offerors are advised that VA has an established signage program, VA *Signage Design Guide*, which may be found at <http://www.cfm.va.gov/til/spclRqmts.asp>.

7.13 BUILT-IN WORK

7.13.1 CASEWORK AND COUNTERTOPS

Type(s), quantities and locations of plastic laminate casework and countertops shall be per Schedule B and as shown on conceptual plans.

Special counter tops (wood, stainless steel, chemical resistant laminate, or epoxy) shall be provided as indicated in Schedule B.

A. Casework

Casework shall be of the flush overlay design and, except as otherwise specified, be in conformance with AWI 1600, Modular Cabinets. Fabricate casework of plastic laminated covered particleboard.

- Plastic laminate shall conform to NEMA LD-3
- Exposed vertical surfaces including both sides of cabinet doors shall be high pressure laminate Type VGS (0.28)
- Cabinet interiors including shelving shall comply with NEMA, LD3.1 at a minimum: high pressure cabinet liner Type CLS (0.20), OR thermally fused melamine laminate.
- Backing (concealed surfaces) shall be high pressure backer Type BKH (0.28).

Core materials shall be as follows:

- Particleboard up to 7/8 inch [22.22 mm] thick shall be Industrial Grade average 47-pound density particleboard, ANSI A 208.1, M-3.
- Particleboard 1 inch [25.4 mm] thick and thicker shall be Industrial Grade average 45-pound density particle-board, ANSI A 208.1, M-2.
- Moisture Resistant Particleboard shall be average 47-pound density particleboard, ANSI A208.1, M-3.
- Medium Density Fiberboard 1/4 inch thick shall be average 54-pound density grade, ANSI A208.2.

Edging materials shall be 1 mm PVC banding, machine applied, and 3 mm PVC banding, machine applied and machine profiled to 1/8 inch radius.

Exposed hardware, except as otherwise specified, shall be satin-finished chromium-plated brass or nickel plated brass.

Hinges shall be fabricated of minimum 0.072-inch [1.83-mm] thick chromium-plated steel leaves, with minimum 0.139-inch [3.53-mm] diameter stainless steel pin. Hinges shall be five knuckle design with 2-1/2 inch [63.5 mm] high leaves and hospital type tips. Doors 36 inches [914.4 mm] and more in height shall have three hinges, and doors less than 36 inches [914.4 mm] in height shall have two hinges. Each door shall close against two rubber bumpers.

Door catches shall be friction or magnetic type, fabricated with metal housing. Provide one catch for cabinet doors 48 inches [1200 mm] high and under, and two for doors over 48 inches [1200 mm] high.

Locks shall be cylinder type, 5 pin tumbler, cam style lock with strike. Acceptable locks for 3/4-inch [19 mm] thick doors include: National #M2-3708-157 lock and National #M2-3709-100 with strike. Provide two keys for each lock. The name of the manufacturer, or trademark by which manufacturer can readily be identified, shall be legibly marked on each lock, the key change number shall be marked on the exposed face of lock, and also stamped on each key. Key change numbers shall provide sufficient information for replacement of the key by the manufacturer.

Drawer and door pulls shall be flush pulls fabricated of ABS plastic.

Drawer slides shall be full extension, 150-pound [68-kg] load rated epoxy coated steel with nylon, ball bearing rollers, with positive stop both directions.

B. Countertops

Plastic Laminate (HPDL) shall conform to NEMA LD 3. Decorative surfaces shall be either:

- **Horizontal:** High-pressure decorative laminate type HGS (.048)
- **Post forming:** High-pressure decorative laminate type HGP (.039)

Concealed backing sheet shall be high-pressure backer BKH (.048) or (.039) to match exposed faces.

Chemical-resistant plastic laminate, NEMA LD3 types HGS or HGP.

Test for resistance to reagents as follows: Test with five 0.25 mil drops remaining on surface for 16 hours followed by washing off with tap water, then cleaned with liquid soap and water, dried with soft cotton cloth and then cleaned with naphtha. There shall be no change in color, surface texture, and original protectability remaining from test results of following reagents:

98% Acetic Acid	Butyl Alcohol	Acetone
90% Formic Acid	Benzine	Chloroform
28% Ammonium Hydroxide	Xylene	Carbon Tetrachloride
Zinc Chloride (Sat.)	Toluene	Cresol
Sodium Carbonate (Sat.)	Gasoline	Ether
Calcium Hypochlorite (Sat.)	Kerosene	Cottonseed Oil
Sodium Chloride (Sat.)	Mineral Oil	40% Formaldehyde

Methyl Alcohol
Ethyl Alcohol

Ethyl Acetate
Amyl Acetate

Trichlorethylene
Monochlorobenzene

Superficial effects only: Slight color change, spot, or residue only with original protectability remaining from test results of following reagents:

77% Sulfuric Acid
33% Sulfuric Acid
85% Phosphoric Acid

37% Hydrochloric Acid
20% Nitric Acid
30% Nitric Acid

85% Phenol
Furfural
Dioxane

- Particleboard up to 7/8 inch [22.22 mm] thick shall be Industrial Grade average 47-pound density particleboard, ANSI A 208.1, M-3.
- Particleboard 1 inch [25.4 mm] thick and thicker shall be Industrial Grade average 45-pound density particle-board, ANSI A 208.1, M-2.
- Moisture Resistant Particleboard shall be average 47-pound density particleboard, ANSI A208.1, M-3.

Solid Surface Material (SSM): Solid surface material shall be a homogenous filled solid polymer, not coated, laminated, or of a composite construction, and meeting ANSI Z124.3 and ANSI Z124.6 requirements.

Flammability: Flame Spread shall be 25 max. Smoke Developed shall be 25 max. Material thickness shall be as indicated on the drawings. Cast, 100 % acrylic solid polymer material shall be composed of acrylic polymer, mineral fillers, and pigments and shall meet the following minimum performance requirements:

Property	Typical Result	Test
Tensile Strength	6,000 PSI	ASTM D 638
Tensile Modulus	1.5 x 10 ⁻⁶ PSI	ASTM D 638
Tensile Elongation	0.4% min.	ASTM D 638
Flexural Strength	10,000 PSI	ASTM D 790
Flexural Modulus	1.2 x 10 ⁻⁶ PSI	ASTM D 790
Hardness	>85	Rockwell "M" Scale ASTM D 785
Thermal Expansion	3.02 x 10 ⁻⁵ in./in./°C	ASTM D 696 (1.80 x 10 ⁻⁵ in./in./°F)
Gloss (60° Gardner)	5–75 (matte—highly polished)	ANSI Z124
Light Resistance	(Xenon Arc) No effect	NEMA LD 3 Method 3.3
Wear and Cleanability	Passes	ANSI Z124.3 & Z124.6
Stain Resistance: Sheets	Passes	ANSI Z124.3 & Z124.6
Fungus and Bacteria Resistance	Does not support microbial growth	ASTM G21&G22

Property	Typical Result	Test
Boiling Water Resistance	No visible change	NEMA LD 3
High Temperature Resistance	No change	NEMA LD 3
Water Absorption	Long-term 0.6% (1/2") 0.8% (1/4")	ASTM D 570

Molded Resin Tops shall be non-glare epoxy resin or furan resin compounded and cured for minimum physical properties specified. Material shall be of uniform mixture throughout.

Compressive strength	200 MPa (30,000 PSI)
Flexural strength	70 MPa (10,000 PSI)
Rockwell hardness	105
Water absorption, 14 hours (weight)	.01%

Stainless Steel shall conform to ASTM A167, Type 304.

Sheet Steel shall conform to ASTM A366, cold rolled, Class 1 finish, stretcher leveled.

Hardwood Countertop shall be solid maple, clear grade.

Adhesive for plastic laminate shall conform to FS A-A-1936. Adhesive for shop and field joints in Solid Surface Material (SSM) shall be a two-part adhesive kit to create permanent, inconspicuous, non-porous, hard seams and joints by chemical bond between solid polymer materials and components to create a monolithic appearance of the fabrication. Adhesive shall be approved by the solid polymer manufacturer. Adhesive shall be color-matched to the surfaces being bonded where solid-colored, solid polymer materials are being bonded together. The seam adhesive shall be clear or color-matched where particulate patterned, solid polymer materials are being bonded together.

Fasteners shall be studs, bolts, spaces, threaded rods with nuts, or screws suitable for materials being joined with metal splice plates, channels, or other supporting shapes.

7.13.2 COMPUTER WORKSTATIONS AND KEYBOARD TRAYS

Computer keyboard trays shall be provided at each sit down height and standing height knee space in casework and at each Radiology room control station countertop.

7.13.3 LOCKERS AND SHELVING

Type(s), quantities, and locations of lockers and shelving shall be per Schedule B and as shown on conceptual plans.

7.14 PLUMBING FIXTURES, TOILETS AND BATHS

7.14.1 TOILETS

Provide toilet partitions as indicated on conceptual plans. Room entrance screens that double as part of a toilet partition enclosure shall be of typical stud construction, from floor to ceiling.

Do not use toilet stalls or divider partitions in single-user toilet rooms in which only a lavatory and water closet are provided.

Conform to Fed. CID A-A-60003, except as modified herein. Fabricate to dimensions shown or specified.

Toilet Enclosures shall be Type 1, Style B (Ceiling hung) // C (overhead braced) //. Reinforce panels to receive toilet tissue holders, grab bars, or other accessories specified. Upper pivots and lower hinges shall be adjustable to hold doors open 30 degrees. Latching devices and hinges for handicap compartments shall comply with accessibility requirements.

Finish: //Baked enamel on steel doors, pilasters, and enclosure panels, except those adjacent to urinals, which shall be stainless steel// //Solid phenolic or solid polyethylene //: water resistant, graffiti resistant, non-absorbent, contain a minimum 30% post consumer recycled plastic, Class C flame spread rating.//

Urinal Screens shall be Type III, Style D (wall hung), //stainless steel// //solid phenolic// //solid polyethylene//, with integral flanges and continuous, full height wall anchor plate. Screens shall be 24 in' wide x 42 in high [600 mm wide x 1070 mm high].

7.14.2 SHOWERS

Use ceramic tile applied with thinset Portland cement to concrete-fiber reinforced backer board for shower enclosures and partitions of contiguous areas. Warp finished floors of adjoining drying rooms or toilet rooms toward showers to assure drainage to the shower drain. Floor slopes in and around a shower shall not exceed 5%.

Construct all patient showers without curbs. In non-patient shower rooms, provide at least one shower stall without a curb.

7.14.3 TOILET AND SHOWER ACCESSORIES

Types and locations of toilet accessories shall be as indicated in Schedule B of this solicitation. Multiple units of each type of accessory shall be furnished by the same manufacturer. Lessor shall provide suitable backing and other preparation as necessary for items indicated to be furnished by VA.

Toilet accessories shall be shop or factory assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation. Grind welded joints smooth. Fabricate units made of metal sheet of seamless sheets with flat surfaces.

Stainless steel sheet shall conform to ASTM A167, Type 304. Stainless steel tubing shall conform to ASTM A269. Galvanized sheet steel shall conform to ASTM A653, G60.

Mirror glass shall be float glass, Type I, Class 1, Quality q2 (ASTM C 1036), with silvering, copper coating, and suitable protective organic coating to copper backing in accordance with FS DD-M-411.

Adhesive shall be two component epoxy type or contact type and waterproof. Fasteners, screws, and bolts shall be stainless steel or hot dip galvanized. Exposed fasteners shall be

tamper-proof. Expansion shields shall be fiber, lead, or rubber as recommended by accessory manufacturer for component and substrate.

Stainless steel shall have No. 4 satin brushed finish, unless otherwise noted. Chrome/Nickel Plating shall conform to ASTM B456, Type SC 2, satin finish, unless otherwise noted. Galvanizing for items other than sheet metal shall conform to ASTM A123, 1.25oz/sq yd.

7.15 WINDOW TREATMENTS

All exterior windows shall be equipped with window blinds or shades.

7.15.1 WINDOW BLINDS

Blinds may be aluminum or plastic vertical blinds, or horizontal blinds with aluminum slats of one inch width or less. The window blinds must have non-corroding mechanisms and synthetic tapes.

7.15.2 CLOTH WINDOW SHADES

Provide opaque cloth shades on windows of //radiographic and fluoroscopic rooms, // special procedures rooms, //cardiac catheterization rooms, // eye-clinic rooms, // exterior conference rooms, and rooms containing image intensifiers.

7.16 //HOLDING ROOM

//Construct walls for holding room from minimum 4-inch [101.6-mm] CMU or 7/8-inch [24.76-mm] PCP (Portland Cement plaster on high-rib lath). Design wall studs for plaster partitions for maximum deflection of 1/120 of the wall height. Studs shall be minimum 4-inch 0.059", 16-gauge. Ceiling shall be 5/8-inch [15.88 mm] GWB.//

//Construct walls for holding room with 5/8-inch [15.88 mm] abuse-resistant GWB over security mesh on metal studs as specified for plaster finish. Metal lath or plaster base is unacceptable as security mesh. Security mesh shall be flattened, expanded metal manufactured from high strength, low alloy steel and shall conform to ASTM F 1267, Type 11, Class 1, Mill finish.

- **Mesh designation:** 3/4 #13F
- **Mesh Design Size:** 0.923 x 2.10 inch
- **Mesh Opening Size:** 0.688 x 1.781 inch
- 13 meshes per foot, 74% open area
- **Mesh Strand Width:** 0.106 inch
- **Mesh Strand Thickness:** 0.078 inch
- **Weight:** 0.75 pounds per square foot

Provide manufacturer's attachment clips and use recommended fasteners to secure mesh to wall framing.//

The Holding Room should be contiguous with Security Operations Room and contain a shatterproof observation window in the door. The door shall open outward. The holding room shall not have exterior windows.

//Provide one (1) each: motion detector, glass break module, and set of door contacts for holding room door. Locate alarm system keypad on the entrance side of the holding room door. Connect the alarm system for the holding room to the main building alarm system. Zone the alarm system so that the alarm for the holding room can be set and disarmed independent of the main building alarm system.//
//

SECTION 8 SERVICES, UTILITIES AND MAINTENANCE

8.1 UTILITIES

The Lessor shall ensure that public utilities necessary for operation are available and operable at the site at the time of final inspection. The Lessor is required to pay any deposits and hook-up fees relative to utilities (water-tap fee, water connection fee, sewer connection fee, sewer tap fee, etc.).

The cost of utilities is not included as part of the rental consideration. VA will pay all expenses related to utility usage (electricity, telephone, internet service, cable media, gas, water, and sewage) for space occupied and utilized by VA.

//The Lessor shall provide separate meters to measure VA usage versus Lessor usage. Pro-ration is not permissible. Prior to occupancy by VA, the Lessor shall furnish to the Contracting Officer written certification of the meter numbers and certification that these numbers measure VA usage only.//

8.2 BUILDING MAINTENANCE AND CLEANING BY LESSOR

8.2.1 BUILDING MAINTENANCE BY LESSOR

A. Lessor’s Responsibilities

The Lessor is responsible for total maintenance of the leased premises in accordance with Paragraph 14 of GSA Form 3517B; **including special equipment items specified in Schedule B to be maintained by the Lessor.** Replacement costs for Schedule B items due to normal wear and tear are the Lessor’s responsibility. Maintenance of special equipment items identified in Schedule B to be maintained by VA is excluded from the Lessor’s responsibility.

The Lessor must have a building superintendent or a local, designated representative available to promptly correct deficiencies or attempt to correct deficiencies upon written notice of such condition from VA. The Lessor’s superintendent or designated representative shall correct or attempt to correct deficiencies within the timeframes specified in the O&M Plan (Paragraph 8.4 below) and agreed to by the Government. If no substantial attempt has been made to correct the deficiencies within the specified time, action will be taken by VA to correct such deficiencies and the cost of repairs will be deducted from the next month’s rental payment.

The Lessor shall provide the labor, material, and supervision to adequately maintain the structure, the roof, the exterior walls, windows, doors, and any other necessary building appurtenances to provide watertight integrity, structural soundness, and acceptable appearance.

The Lessor’s maintenance responsibility includes initial supplies of all items, materials, and equipment necessary for such maintenance. All maintenance work will be done in accordance with applicable local Building Codes and ordinances, and inspection certificates will be displayed as appropriate.

Maintenance by Lessor includes, but is not limited to, interior and exterior care of the building and the site; all sidewalks, parking areas, driveways, private access roads, lawns, and shrubbery; utilities; and building service equipment; including all repairs and replacements. All equipment and systems shall be maintained to provide reliable service without unusual interruption, disturbing noises, exposure to fire or safety hazards, or unusual emissions of dirt.

Lessor shall maintain the Essential Electrical System as required by NFPA and JCAHO, including, but not limited to, weekly, monthly, annually, and triennial tests and activities.

B. Frequency of Maintenance

At a minimum, the Lessor shall perform the following at the frequency indicated:

(1) *Weekly*

Mow and edge lawns weekly during the growth season.

(2) *Monthly*

Remove weeds from around building, parking areas, all landscaped areas (including lawn), and fence borders (both sides of fence).

Mow and edge lawns at least once a month during the dormant season.

Trim and prune shrubbery and trees to maintain an attractive appearance. Shrubbery shall not be allowed to grow up and cover windows.

(3) *Quarterly*

Provide interior and exterior extermination of insects and rodents. Use of chemicals shall conform to EPA and State requirements. The Lessor shall provide additional service at the request of VA, if any signs of re-infestation appear.

Pest management is to be done using an integrated pest management approach that minimizes the use of toxic chemicals.

Pesticide shall only be applied by persons deemed qualified by EPA and state requirements.

Lessor shall coordinate application of pesticide with the Government and only apply pesticide in a manner that VA agrees is protective of the health of patients, employees, and visitors.

(4) *Semi-Annually*

Replace all filters in HVAC system. Replace on a more frequent basis if required by the manufacturer's recommendations.

(5) *Annually*

Clean interior of all double-walled HVAC units and drain pans. Cleaning shall be done at times when clinic is not in operation.

Re-mulch all planting beds.

(6) *As Required*

Lessor is responsible for the repair and replacement of all light fixture ballasts and starters (refer to GSA Form 1217). Lessor shall replace burned out bulbs and fluorescent tubes in interior light fixtures.

Lessor is responsible for replacement of worn floor or wall coverings (this includes the moving and returning of furnishings and equipment), unless caused by negligence on the part of VA. Provide interior extermination of insects and rodents upon any sign of infestation. Use of chemicals shall conform to EPA and State requirements.

Water the grass and plantings as necessary to maintain their health and attractive appearance.

Fertilize all lawn areas at least three times per year. Fertilizer application prior the start of the growth season shall contain weed killer per manufacturer's recommendations.

Fertilize plants and trees with type of fertilizer recommended by manufacturer. Fertilize with frequency recommended by manufacturer of type of fertilizer used.

Dead plantings or lawn shall be replaced with like kind immediately. Partially dead plantings may be trimmed if, after trimming, a good appearance is maintained.

Rake and remove leaves to ensure a good appearance of the site.

Clean HVAC units inside and out upon any signs of mildew or bacterial growth.

Pans in HVAC units shall be treated as required to prevent mildew or bacterial growth.

//Before working hours //7:30 AM to 5:00 PM// //[_____]// remove snow and ice from all entrances, sidewalks parking lots, and approaches. In the event of snow or freezing rain during working hours, removal must occur within one hour from receipt of notification by VA staff. Chemicals or sand may be used to reduce safety hazards.//

8.2.2 EXTERIOR CLEANING BY LESSOR

A. Lessor's Responsibilities

The Lessor shall maintain the leased premises to provide a clean, neat, and attractive appearance by performing the functions described below.

B. Waste and Recycling

The Lessor shall have no responsibility for disposing of hazardous or pathological waste. The Lessor shall provide collection, disposal, and recycling for all other waste materials generated by VA. Recycling of paper //,[_____]// and cardboard is required.

Locate waste and recycling containers near the loading dock/service area in accordance with security requirements. The Lessor shall provide and maintain adequate quantity of trash container(s), including compacting equipment as required, based on volume of waste and frequency of collection. As a minimum, provide //one 8// //two 8// //one 40// //[insert number and size]// cubic yard covered container with //daily// //weekly// collection and removal from site for refuse, trash, and garbage. The Lessor shall provide the covered recycling receptacles, and shall collect and remove recycled materials //weekly// //bi-weekly// //[insert frequency]//.

C. Extermination

Extermination of insects and rodents shall be provided on a regular basis (minimum of every three (3) months), and upon any sign of infestation. Use of chemicals shall conform to EPA

and state requirements. If any signs of re-infestation appear, additional service shall be provided by the Lessor at the request of VA.

D. Frequency

At a minimum, the Lessor shall perform the following at the frequency indicated:

(1) *Daily*

Building entrances, smoking shelter, and gazebo: Pick up trash, litter, debris, and cigarette butts.

(2) *Three Times Weekly*

Sweep landings, steps, and sidewalks.

Police all sidewalks, parking areas, green areas, planting beds, driveways, lawns, shrubbery, outside loading dock areas, platforms, etc., to maintain a neat and attractive appearance. This shall include, but not be limited to, the removal of cigarette butts, debris, litter, trash, limbs, etc. (from both sides of fences).

(3) *Quarterly*

Lessor shall clean bugs from the interior of exterior light lenses.

Clean balconies, ledges, courts, areaways, gutters, and flat roofs.

//Clean mildew from exterior of building, smoking shelter, sidewalks, and roof areas, etc.//

(4) *Semi-Annually*

Wash outside of all exterior windows, glass located over and in exterior and vestibule doors, and all exterior plate glass around entrances, lobbies, vestibules, and skylights.

(5) *Annually*

Clean exterior of building. Remove all spider webs, wasp nests, dirt dobber nests, stains, etc.

8.2.3 //INTERIOR CLEANING BY LESSOR

A. Lessor’s Responsibilities

The Lessor shall furnish all supplies, materials machinery, appliances, supervision, and labor necessary to provide complete janitorial services for the clinic. Services shall be provided in all interior areas of the leased premises to provide a clean, neat, and attractive appearance by performing the functions described below. The Lessor shall make careful selection of cleaning products and equipment to ensure they are packaged ecologically, environmentally beneficial and/or recycled products that are phosphate-free, non-corrosive, non-flammable, and fully biodegradable, and minimize the use of harsh chemicals and the release of irritating fumes. The Lessor shall select paper and paper products with recycled content conforming to EPA’s CPG. Performance will be based on the Contracting Officer’s evaluation of results, not the frequency or method of performance.

Cleaning crew shall turn off lights as necessary and check all doors on completion of the work to ensure that doors are locked. Ensure that security alarm is set before leaving if there are no VA personnel on the premises.

B. Materials and Procedures

(1) Standards

It is the Lessor's responsibility to maintain the clinic in a condition that meets all housekeeping and sanitation requirements of this solicitation and the current standards of the Joint Commission for the Accreditation of Hospitals and Outpatient Clinics (JCAHO).

The Lessor shall be responsible for providing a weekly certification in writing to the Government that all required cyclic cleaning has been completed.

(2) Work Schedule

Work will be accomplished at times indicated. Work schedule shall be from 6:30 AM to 11:00 PM, Monday through Friday. The Lessor shall ensure that sufficient employees are available to prepare the clinic to see patients at 8:00 AM, to be available to clean up spills, keep the public and specimen collection toilet rooms clean, and keep the toilet rooms stocked with sufficient paper products and soap. Mechanical equipment such as vacuum cleaners, burnishers, scrubbing machines, etc., will not be used during the hours of 7:30 AM to 5:00 PM.

(3) Janitorial Staff and Supervision

Janitorial staff will have access throughout the building; therefore, none of the janitorial staff may have a police record for anything more serious than traffic or parking violations.

There shall be a janitorial staff supervisor on duty at all times when janitorial staff is in the building. Any person whose work or conduct is found to be unacceptable by the Government shall be removed from the janitorial staff.

Smoking is permitted in designated areas only. Possession of weapons is prohibited. Enclosed containers, including tool kits, shall be subject to search.

Janitorial company's standard uniforms are acceptable, if they clearly identify the company and the occupation of the individual. Janitorial staff will be required to wear photo identification badges.

(4) Safety and Special Procedures

The Lessor shall consider the clinical environment and ensure that the janitorial staff is instructed on applicable safety precautions and special requirements. These requirements may include, but are not limited to, such conditions as cleaning of human secretions, blood, barium, etc., from both floors and walls. Lessor will be notified of isolation areas that need terminal cleaning. Terminal cleaning is defined as complete wipe down of all sinks, walls, countertops, casework, exam tables, etc., with germicide, and mopping of the floor with germicide. These areas require the use of gloves, gowns, masks, and shoe covers, which will be provided by the Government. The Lessor shall be responsible for collecting of sharps containers and hazardous materials. See "ALL AREAS" below under "Daily Cleaning Requirements" for method of handling sharps containers and hazardous waste.

The janitorial staff shall comply with applicable Federal, State, and Local safety and fire regulations and codes. The Lessor shall immediately bring to the attention of the Government any fire and safety deficiencies. The Lessor shall take such safety precautions as necessary to protect the lives and health of occupants of the building.

(5) Equipment and Materials

All equipment and materials used in the performance of this contract will be cleaned and stored properly at the end of the workday. Cleaning carts and/or equipment will not be left unattended for any reason while patients are in the clinic. Lessor shall ensure all equipment,

tools, and supplies meet necessary safety requirements and janitorial staff have full working knowledge of their use.

An EPA-registered germicide will be used to clean all patient areas, floors, examination tables, and medical equipment. The Lessor shall provide all labor, materials, supplies, machinery, and appliances that may be necessary or appropriate in the performance of janitorial services. The Lessor shall provide supplies such as toilet tissue, multifold paper towels, toilet seat covers, and Medicated Vestal hand soap. The Lessor shall provide plastic linings for all trash receptacles. Provide clear plastic linings for non-hazardous waste trash receptacles and red plastic linings for hazardous waste trash receptacles. Housekeeping aide closets are located throughout the clinic for storage of supplies and equipment. The Lessor shall keep a minimum of two weeks stock of supplies on hand. All accumulated waste shall be removed and disposed of in the dumpster. Hazardous waste and sharps containers shall be picked up and stored in a designated storage area. Supplies to be used shall be approved by the Government. Specifications for supplies are as follows:

- **Toilet tissue:** Roll type, 4-1/2 inches wide, single ply
- **Paper towels:** Multi-fold, 10-1/8 inches wide
- **Hand soap:** Medicated Vestal
- **Trash receptacle liners:** (a) Polyethylene, flat type, 33 inches long, 52 inches wide, .66 millimeters thick; (b) Polyethylene, flat type, 24 inches long, 33 inches wide, .31 millimeters thick; (c) Polyethylene, red bags (biohazard) 33 inches long, 52 inches wide and 24 inches long, 33 inches wide
- **Carpet shampoo and soil resistant treatment:** Non-allergenic type
- **Furniture polish:** Spray type for use on wood and wood veneer
- **Window cleaner:** Ammonia type sufficient to remove smoke film and dust
- **Air freshener cartridges in bathrooms:** Johnson Wax Good Sense
- **Upholstery cleaners:** Dry or foam type recommended for fabric upholstery
- **Germicide:** EPA-registered
- **Resilient floor tile cleaner and maintainer:** As recommended by manufacturer of resilient flooring
- **Floor finish:** High-speed floor finish as recommended by manufacturer of resilient flooring
- **Floor sealer:** As recommended by manufacturer of resilient flooring
- **Floor stripper:** As recommended by manufacturer of resilient flooring
- **Toilet seat covers:** Paper, white

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A copy of the MSDS sheets for all products used shall be maintained at the clinic and shall be available for review by VA upon request.

C. Daily Cleaning Requirements**(1) Building Entrances**

- Pick up trash and cigarette butts around entrances and vestibules.
- Empty trash receptacles.

(2) Primary Care Area

During the hours of 6:30 AM to 8:00 AM, Monday through Friday:

- All primary care area floors shall be wet mopped using a germicide before patients are seen.
- Wipe down all exam tables with a clean cloth dampened with germicide.
- Clean and disinfect sinks and countertops.
- Clean and refill soap dispensers.
- Clean mirrors.

(3) Specialty Care Area

During the hours of 4:00 PM to 11:00 PM

- Treatment rooms shall be cleaned and disinfected after each patient procedure.
- All floors shall be wet mopped using a germicide.
- Wipe down all exam tables with a clean cloth dampened with germicide.
- Clean and disinfect sinks, countertops, equipment, etc.
- Wipe down all walls with a clean cloth dampened with germicide.
- Clean and refill soap dispensers.
- Clean mirrors.

(4) All Areas

During the hours of 8:00 AM to 4:00 PM

- Trash receptacles shall be emptied and liners changed.
- Trash shall be removed from the building and placed in appropriate containers.
- Boxes and other empty containers, to be disposed of, shall be removed from the building and placed in appropriate containers.
- Hazardous waste and full sharps containers shall be collected in red plastic bags and placed in cardboard boxes provided.
- Cardboard boxes shall be sealed with tape and placed in hazardous collection room for removal and disposal off site by others.
- Spills, body fluids, etc. shall be cleaned from floors and walls immediately upon notification.
- Remove black scuff marks from corridor floors as necessary.

(5) All Areas

During the hours of 4:00 PM to 11:00 PM

- Complete other required janitorial services.
- Dust furniture, desks (do not disturb papers on desks), machines, phones, file cabinets, window ledges, etc.

- All resilient tile floor areas shall be swept and wet mopped with germicide.
- Electrical equipment shall only be used during these hours.
- Carpeted areas and mats shall be vacuumed. Carpet sweeper is not acceptable.
- Spot clean any carpet stains.
- Spot clean walls and doors.

(6) *Direct Patient Care Areas*
During the hours of 4:00 PM to 11:00 PM

- Janitorial services in direct patient care areas such as clinics, x-ray, dental, laboratory, rehab medicine, etc.
- Sweep and wet mop with germicide.
- Wipe down all exam tables with a clean cloth dampened with germicide.
- Clean and disinfect sinks and countertops.
- Clean and refill soap dispensers.
- Clean mirrors.

(7) *All Restrooms*
During the hours of 8:00 AM to 4:00 PM

- All restrooms shall be swept and wet mopped at least twice each day.
- All paper products and hand soap shall be replenished.
- All surfaces, including commodes, urinals, walls, mirrors, counters and sinks, shall be cleaned and disinfected.

Sponges and cloths shall not be used to clean commodes and urinals. Commodes and urinals shall be cleaned with disposable items that are disposed of after cleaning commode and/or urinal in each toilet room. Items used to clean commodes and urinals shall not be used in turn for cleaning other items or wiping down other surfaces. Clean exterior of commodes and urinals first, followed by cleaning of the interior.

(8) *Ceramic Tile Areas (Other than restrooms)*
During the hours of 4:00 PM to 11:00 PM

- Ceramic tile floors shall be swept and damp mopped. If dirt build-up occurs, ceramic tile floors shall be scrubbed when determined that it is required by COTR.

(9) *Corridors, Waiting Areas, Administrative Areas, Mental Health*
During the hours of 4:00 PM to 11:00 PM

- The areas shall be swept, wet mopped with a neutral cleaner, and burnished.
- Carpeted areas shall be vacuumed.

(10) *Pharmacy, Warehouse, SPD, Biomedical Engineering, Telephone Room, Conference Rooms (if unoccupied)*
During the hours of 8:00 AM to 4:00 PM

- The areas shall be swept, wet mopped with a neutral cleaner, and burnished.
- Areas with cushioned flooring shall be maintained in accordance with manufacturer's recommendations.
- Carpeted areas shall be vacuumed.

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- Restrooms shall be swept and wet mopped once each day and all paper products and hand soap replenished.
- All restroom surfaces, including commodes, urinals, walls, mirrors, counters and sinks, shall be cleaned and disinfected.

(11) *Shower Areas*

During the hours of 4:00 PM to 11:00 PM

- Clean walls and floors with disinfectant.

(12) *Waiting Room Tables, Doors, Walls and Trim*

- Dust tables, ledges, sills, moldings, and baseboards.

(13) *Mirrors and Glass Cleaning*

- Clean all mirrors and glass at entrances (fingerprints and smudges).

(14) *//Screened Porches*

- Sweep daily.//

(15) *Housekeeping Aide Closets*

- Clean daily including sinks, floors, and shelves.

(16) *Isolation Rooms*

- Any room where patients with suspected infectious disease have been examined will be thoroughly cleaned with germicide (terminal cleaning).

(17) *Water Coolers*

- Clean water coolers.
- Housing shall be wiped down. Particular attention shall be given to top surface and spout to prevent lime build-up, bacterial growth, etc.

(18) *Canteen and Vending Areas*

- Spot clean floors, walls, counters, cabinets, sink, microwave, etc. twice daily to eliminate spills, food items, trash, etc.

D. Three Times Weekly

- Collect, remove, and dispose of refuse, trash, and garbage from trash collection area.
- Apply resilient floor tile cleaner and maintainer to all resilient tile floors and burnish.

E. Weekly Cleaning Requirements

(1) *Furniture*

- Clean as necessary, but no less than weekly. Vacuum upholstered furniture.

(2) *Carpeted Areas and Mats*

- Spot clean as necessary.

(3) *All Restrooms*

- Scrub floors and ceramic tile base and wipe down with germicide.
- Clean ceramic tile walls and wipe down with germicide.
- Spot wash painted walls as necessary.
- Damp wipe toilet stall partitions and waste receptacles with germicide.

(4) *Shower Areas*

- Scrub ceramic tile floors and walls and wipe down with germicide.
- Clean grout between tiles in patient and employee showers.

(5) *Doors, Walls and Trim*

- Spot wash (for fingerprints, smudges, etc.) as necessary but no less than once weekly.

(6) *Glass Cleaning*

- Clean interior and exterior of door and entrance glass in waiting areas, laboratories, exam rooms, offices, and treatment rooms.
- Spot clean walls as necessary, but not less than weekly.

F. Monthly Cleaning Requirements(1) *Furniture*

- Polish all furniture as necessary, but not less than monthly.

(2) *Air Conditioning Grilles and Registers*

- Vacuum all grilles and registers.

(3) *Waiting Areas, Labs, Exam Rooms, Offices, Treatment Rooms*

- Wash waste receptacles with germicide.

(4) *Floor Maintenance of Resilient Tile Areas*

- Apply cleaning soap, as recommended by resilient tile manufacturer, scrub and re-wax hallways, waiting rooms, and lobbies.
- Apply cleaning soap, as recommended by resilient tile manufacturer, scrub and re-wax other resilient tiled areas as required.

G. Quarterly(1) *Building Interior*

- Dust window coverings/blinds.
- Dust handrails and handrail brackets.

(2) *Grounds*

- Trim/maintain onsite landscaping as required.

H. Semi-Annual Cleaning Requirements(1) *Furniture*

- Shampoo upholstered furniture during January and July.

(2) *Carpeted Areas and Mats*

- Have carpets professionally steam cleaned and soil resistant treatment applied during January and July.
- Spot clean as needed.

(3) *Floor Maintenance of Resilient Tile Areas*

- Strip floors, apply sealer, apply wax and refinish all resilient tile floors.

(4) *Glass*

- Wash inside glass and clean interior of all window frames and window stools.

(5) *Drainage Systems*

- Inspect and clean all onsite catch basins and storm drain inlets of trash, leaves, and other deleterious materials.
- Detention/retention and silting basins shall be inspected and cleaned of weeds and overgrowth to ensure proper drainage is maintained.
- Basin bottoms should be scarified to maintain the integrity of the drainage design.

8.3 NORMAL HOURS

Normal working hours are //7:30 AM to 5:00 PM, // // [_____] , // except Saturdays, Sundays and Federal holidays.

8.4 BUILDING OPERATING PLAN

Offerors shall submit a building operating plan with the offer. The plan shall include a schedule of startup and shutdown times for operation of each building system, such as lighting, cooling, ventilation, and plumbing, necessary for the operation of the building. The plan shall be in operation on the effective date of the lease.

The Lessor shall submit an Operations and Maintenance Plan narrative as required in PART II Schedule A.

8.5 OVERTIME USAGE

Government shall have access to air-cooled or heated leased space at all times, including the use of elevators, toilets, and lights without additional payment.

8.6 FLAG DISPLAY

The Government will be responsible for flag display.

8.7 SECURITY

The Government shall provide security personnel to prevent illegal entry or loitering in the leased space and to prevent unauthorized entry during duty hours.

The Lessor shall be responsible for providing security to prevent unauthorized entry after normal working hours.

8.8 VA CLEANING RESPONSIBILITY

//The Government shall maintain the interior of the leased premises in a clean condition. The Government shall provide supplies and equipment.

VA shall have no cleaning responsibility for the outside of the leased premises.//

//VA shall have no cleaning responsibility for the interior or exterior of the leased premises.
The Lessor shall have responsibility for interior janitorial services and shall maintain the interior of the leased premises as described in Paragraph 8.2.3. The Lessor shall provide all cleaning supplies and equipment.//

The Government will be responsible for the disposal of hazardous or pathological waste which has been properly stored in the designated store room. See Paragraph 8.2.3C(4).

SECTION 9 SAFETY, FIRE PROTECTION, AND ENVIRONMENTAL MANAGEMENT**9.1 GENERAL****9.1.1 PERMITS**

Space must have a current occupancy permit issued by the local jurisdiction. Lessor shall obtain and maintain in force all necessary permits for operation of building services and equipment, including but not limited to fuel-fired mechanical equipment, emergency and stand-by generators, equipment to treat or exhaust toxic or hazardous gases, and solid or liquid wastes.

9.1.2 INSPECTIONS BY LESSOR

Lessor shall inspect, test and maintain building systems, fire and life safety systems and equipment, as required by the more stringent of NFPA guidelines or local codes. Lessor shall submit documentation as acceptable to the Contracting Officer of tests, report, and maintenance logs.

At a minimum, systems and equipment for which inspections and reports are required include, but are not limited to, those systems as enumerated in NFPA 99, other applicable NFPA guidelines, and the following:

- Essential Electrical System
- Gas and Vacuum Systems
- Environmental Systems
- Fire Doors and Shutters
- Portable Fire Extinguishers
- Fire Suppression Systems
- Standpipe Systems
- Fire Detection and Alarm Systems

9.1.3 INSPECTIONS BY GOVERNMENT

The government reserves the right to conduct independent inspections, testing, assessments, and detailed studies in space it occupies, as well as in space serving the VA leased space (e.g., common use areas, mechanical rooms, HVAC systems, etc.). The Lessor shall assist VA in its assessments and detailed studies by making available information on building operations and Lessor activities, and providing access to space for assessment and testing, if required. These may include, but are not limited to, noise and vibration testing, water and air quality sampling, water, and air sampling for pathogens, *Legionella* cultures and copper/silver analysis, radon testing, mold testing, Facility Condition Assessments of building systems and equipment, etc. Work may be performed by independent consultants, or VA personnel.

Lessor shall implement corrective measures required by the Contracting Officer.

9.2 CODE VIOLATIONS

Equipment, services, or utilities furnished, and activities of other occupants, shall be free of safety, health, and fire hazards. When hazards or code violations are detected, they must be

promptly corrected at the Lessor's expense. Where requirements conflict, the decision of the Contracting Officer shall be final.

9.3 SPECIAL ENVIRONMENTAL REQUIREMENTS

9.3.1 INDOOR ENVIRONMENT

Lessor shall maintain building envelope and building systems in good repair in accordance with Section 8 and Part II, Appendix A of this solicitation. Excess or uncontrolled water can damage interior finishes, furnishings, or equipment, and can contribute to growth of mold and other pathogens. Lessor shall take precautions in design, construction, operation, and maintenance of the facility to control the entry of water from outside sources or leaks from building systems.

Lessor shall promptly repair any leaks and replace damaged materials or finishes. If mold or other pathogens are discovered, Lessor shall be responsible for remediation.

9.3.2 SPECIAL BUILDING EQUIPMENT

Special building equipment required to treat and exhaust to the atmosphere toxic gases produced by the agency program equipment shall be maintained in proper operating condition. Maintain all such installations in compliance with appropriate OSHA, EPA, or related regulations of the local community.

Offeror shall obtain operating permits as required by EPA and local Authorities Having Jurisdiction for the operation of exhaust-producing generators and building air and water heating equipment.

SECTION 10 INSTRUCTIONS AND PREPARATION**10.1 NOTICE TO OFFERORS**

Offerors must read all parts of this Solicitation. All forms required for offer are included in this Solicitation. Any additional information must be requested in writing. **Oral instructions are not binding.**

When there is a discrepancy between this Basic Solicitation and GSA forms, the Basic Solicitation will prevail.

NOTE: Current GSA forms are available electronically from the GSA web page at the following address:

<http://www.gsa.gov/Portal/gsa/ep/formsWelcome.do?pageTypeld=8199&channelPage=/ep/channel/gsaOverview.jsp&channelId=-25201>.

Offerors may utilize these current electronic versions of GSA forms to fill in the appropriate information in lieu of using hardcopy versions provided elsewhere in this Solicitation and filling in the information by hand.

10.2 DEVIATIONS

Offers will be construed to be in full and complete compliance with this Solicitation unless the Offeror describes any deviation in the offer. The Contracting Officer shall make decisions regarding deviations that cause the offer to be non-responsive.

10.3 ERASURES OR CHANGES

The person signing the offer must initial erasures on, or changes to, the offer forms.

NOTE: Agents must submit a valid copy of a notarized agreement authorizing him/her to submit offer and negotiate on behalf of owner/developer.

10.4 COMPLETION OF GSA FORM 3518

The Offeror must submit with the offer a signed copy of GSA Form 3518, Representations and Certifications, with all information completed as requested.

10.5 PREPARATION OF GSA FORM 1217

The Offeror must submit a signed copy of GSA Form 1217, Lessor's Annual Cost Statement, with the offer. Directions for completion of the form are on the back of the form.

10.6 PREPARATION OF GSA FORM 1364A (REVISED 5/98)

The following instructions will assist you in completing GSA Form 1364, Proposal to Lease Space. **Offers must be submitted in Net Usable Square Feet (NUSF).**

Section I – Description of Premises

Blocks 1 – 7: Enter the general information about the site/building, including address and number of floors. Enter total amount of Net Usable Square Feet of space offered. Do not break out the space by type. Enter floor load, type of construction, and building age. If not applicable, place N/A in appropriate block(s).

Section II – Space Offered and Rates

Blocks 8 – 11: Indicate whether space is Full or Partial Floor, enter the number of Net Usable Square Feet of space offered. If not applicable, place N/A in appropriate block(s).

Enter the Net Usable Square Foot rate per year for the Initial Term, **including** costs of special requirements as described in Schedule B and as specified in this Solicitation (refer to Paragraph 1.8 PROPOSALS) to be provided by the Lessor.

Enter the Net Usable Square Foot rate per year for the Renewal Option **including** costs of special requirements as described in Schedule B and as specified in this Solicitation (refer to Paragraph 1.8 PROPOSALS) to be provided by the Lessor. Alternate Proposals may be submitted on plain bond paper, attached to the form, and signed by the Offeror.

Proposals excluding cost of special requirements may be submitted on plain bond paper, attached to the form, and signed and dated by the Offeror.

Block 11: Determine the Composite Square Foot Rate Per Annum.

Block 12: Determine the cost per square foot for operating cost base rate (line 27 of the 1217), the cost per square foot for base year taxes (line 28 of the 1217), estimated total cost of buildout and estimated amortization rate for buildout.

Note: Buildout = Total Construction Costs.

Block 13: Enter the number of parking spaces offered (inside and outside) and indicate any cost to the Government, if applicable.

Section III – Lease Terms

Blocks 14 – 21: Enter information regarding Initial Lease Terms and Renewal Options of any Alternate Proposals, Schedule B lump sum costs, Rentable Square Foot Rate and Square Footage, Lists of Attachments, and any Additional Remarks, List of Attachments, Alternates, and any Additional Remarks.

Section IV – Owner Identification and Certifications

Blocks 22 – 27: Indicate the Offeror's interest in the offered property. Specify if other than owner or agent. Agents must submit a valid copy of a notarized agreement authorizing him/her to submit and negotiate on behalf of the owner/developer. If the Offeror is a partnership, VA must receive written evidence, by agreement or otherwise, that the person signing this offer has been authorized to do so by all partners. If the Offeror is a corporation, VA must receive a corporate resolution, signed by the Secretary of the corporation under

corporate seal that sets forth all officers of the corporation and indicates which are authorized to bind the corporation.

Complete, sign, and date offer.

NOTE: OFFER MUST BE RECEIVED BY 4:00 PM (ET) ON THE DATE SPECIFIED IN PARAGRAPH 1.5, AT THE ADDRESS CONTAINED IN PARAGRAPH 1.7 OF THIS SOLICITATION. ENVELOPE SHOULD BE IDENTIFIED IN THE LOWER LEFTHAND CORNER WITH THE WORDS:

"[insert location of project] OPC – SFO NO. VA-101-XX-RP-XXXX"

10.7 DRAWINGS AND SPECIFICATIONS – SUBMISSION WITH OFFER

Offeror shall submit drawings and specifications on six discs (CD-Rom as specified in Paragraph 1.7.1) and two hard copy sets of drawings and specifications with the following minimum information. Format and for hard copy submittal shall be as follows:

(1) *Drawings*

Hard copies shall be black line prints on bond paper, full size (30" x 42"). Each set shall contain all sheets for all disciplines.

(2) *Specifications*

Hard copies shall be printed on 8½" x 11" bond paper. Materials may be one-sided or double sided copies. Each copy shall contain all sections. Organize and tab materials by discipline.

NOTE 1: Failure to provide drawings and specifications in accordance with the requirements above may cause the offer to be deemed unacceptable and rejected accordingly.

NOTE2: The conceptual floor diagram provided by VA as a part of this Solicitation is intended to convey desired floor locations and adjacency relationships of the main components of the program. The interior layout and footprint of the building may vary as a result of actual site conditions and building design development. The number and location of doors will vary as the Offeror develops detailed plans. The conceptual diagram also shows rooms dedicated to building services. The size and location of these rooms will vary as the Offeror develops detailed plans. It is the Offeror's responsibility to design the building to comply with applicable Building Codes and ordinances. **Offerors are advised that rent payment will not be made for delivered space that is in excess of the maximum NUSF solicited.**

NOTE 3: All drawings shall be prepared per VHA National CAD Standard Application Guide, available on the VA Technical Information Library (TIL) website at <http://www.cfm.va.gov/til/projReq.asp>. Drawings shall be on Architectural E-size sheets (30x42 inches). Title blocks shall identify the Offeror and shall include Solicitation Number, Clinic Name, and Location. Drawings shall be organized by discipline and shall include the following minimum information.

10.7.2 SITE PLAN(S)

Minimum scale 1"=40' or per local jurisdictions standard requirements, whichever is greater. Plan(s) shall show all site and building demolition, and all site improvements including grading, exterior equipment location, parking, vehicle and pedestrian circulation, storm water retention,

and landscaping. Indicate any relationship to flood plains, adjacent uses, and current zoning status.

Lessor shall identify potential issues as they pertain to the site complying with all Federal standards when applicable, i.e., National Environmental Policy Act (NEPA), The Department of Veterans Affairs Environmental Compliance Manual, Jurisdictional waters of the United States (404 & 401b) individual or nationwide permits, etc.

10.7.3 FLOOR PLAN(S)

Submit, as a minimum, a double line layout for all floors, penthouses, and roof areas with double line exterior walls at a scale not less than 1/8 inch. Show all rooms, doors, corridors, basic column grid, assumed column sizes, expansion and seismic joint locations, mechanical, electrical, and telecommunications rooms, shafts, and (if applicable) all vertical circulation, i.e., stairs and elevators.

Identify each room or space with its space identification code or number from the VA conceptual plan or Room Finish and Door Schedule. Names on drawings shall be the same as those used in the SFO.

Show the overall exterior dimensions, dimensions for building wings or offsets, and dimensions for column grids.

10.7.4 ELEVATIONS

Submit preliminary elevations of all facades showing massing, proposed fenestration, and the building relationship to finish grades. Show all significant building materials, any proposed roof top mechanical equipment, and architectural screens on the elevation drawings.

Provide a schematic section to define building configuration.

10.7.5 COLOR RENDERINGS

Submit a minimum of two color renderings of perspective views to communicate the design concept and materials. Submit at least one exterior view illustrating building massing, exterior materials and colors, fenestration, and relationship to context. Submit at least one interior view to illustrate approach to the interior design concept, materials, colors, and integration with wayfinding.

Renderings may be prepared using the A/E's preferred media. Renderings shall be minimum 15" x 20". Submit renderings or prints mounted on mat board, foam core, or similar lightweight material. Do not frame renderings.

10.7.6 SPECIFICATIONS

Submit outline specifications for foundations, superstructure, exterior closure and building envelope systems, plumbing, fire protection, HVAC, electrical, and telecommunications systems.

10.8 DESIGN CONCEPT: SUBMISSION WITH OFFER

Offeror shall submit design concept materials with other technical submittals on six discs (CD Rom as specified in Paragraph 1.7.1) and two hard copy sets of drawings and specifications with the following minimum information. Materials shall be organized and tabbed to follow the outline in paragraphs 10.8.1 through 10.8.12 below.

Hard copies shall be printed on 8½" x 11" bond paper. Materials may be one-sided or double-sided at Offeror's option. Bind in one or more volumes as necessary. Identify each volume with Offeror's information, solicitation number, clinic name, and location. Each set shall contain all volumes.

10.8.1 ARCHITECTURE/STRUCTURAL

Submit a narrative explaining the design concept including exterior design, interior finishes, and interior design concept. Describe overall design concept and relationship to site and context. Describe any changes from VA-supplied concept plan for organization of spaces, departments, building entrances, and major circulation routes. Discuss preliminary concept for interiors and finishes.

Submit a narrative that clearly explains the engineering criteria and rationale used in selecting the proposed structural system. Describe proposed materials and approach to be used in design of foundations, vertical members, floor and roof systems, and lateral force resisting system. Indicate typical structural bay size.

10.8.2 SUSTAINABLE DESIGN AND ENERGY EFFICIENCY

Submit a checklist identifying targeted solutions to meet energy reduction goals and LEED® Silver equivalency. Along with the checklist, the Offeror shall submit a brief statement outlining how each of the LEED® credits proposed will be achieved.

10.8.3 FIRE PROTECTION

Submit a narrative explaining building construction type, building fire/smoke separation, fire sprinkler/standpipe systems, water supply available fire flow/maximum demand, and hazard rating and fire alarm systems. Indicate NFPA 220 and IBC fire-resistive ratings of the building.

10.8.4 MECHANICAL

Submit a narrative that clearly states the engineering criteria and rationale used for selecting the type of HVAC system(s) and tentative zoning of the systems. State clearly all assumptions and parameters used in calculating heating and cooling loads. If the calculations are performed on a computer, provide the name of the program. Provide a list of the energy conservation measures proposed to be used in the HVAC system design. State clearly the logic and criteria used in selecting each conservation measure. Investigate the availability of utilities, such as natural or propane gas, electricity, etc., for the HVAC equipment and provide description of their status.

Provide a single-line schematic plan of HVAC zoning.

10.8.5 ELECTRICAL

Submit a narrative that clearly states the electrical power and lighting design approach, including basic assumptions and information regarding the local electrical utility company. Describe extent of utility company work if any is required.

10.8.6 STRUCTURED CABLING

Submit a narrative that clearly states the structured cabling design approach, including basic assumptions and information regarding the data, telephone and CATV/SATV backbone, and horizontal cabling within the guidelines. Describe the extent of outside plant connections, either to service provider connections, or if required, as extensions of existing systems.

10.8.7 SECURITY

Submit a narrative that clearly states the security intent and cabling design for access control, intrusion detection, and video surveillance, including basic assumptions and information regarding the topology and connectivity within the guidelines. Describe the extent of monitoring, recording, control, and retention of all equipment.

10.8.8 AUDIO VISUAL

Submit a narrative that clearly states the audio visual intent and cabling design for the facility, including basic assumptions and information regarding the topology and connectivity within the guidelines. Describe the extent of digital signage, video projection, and sound.

10.8.9 SPECIAL SYSTEMS

Special systems may include but are not limited to the following:

- Nurse Call
- Public Address (PA)
- Intercommunication System
- Radio Entertainment Distribution (RED)
- Master Antenna Television (MATV)
- Radio Paging System
- Patient Annunciator/Locator System
- Two-Way Radio System
- Duress Alarm and Emergency Notification System
- Security Management and Control, and Centralized Police Security Management Systems

Submit a narrative that clearly states the special systems cabling design approach, including basic assumptions and information regarding the special systems backbone and horizontal cabling within the guidelines. Describe the extent of the special systems and connections for new installed equipment, or if required, for extension of existing systems.

10.8.10 PHYSICAL SECURITY MEASURES

VA Outpatient facilities must comply with the requirements for Life Safety Protected (LSP) as defined in VA Physical Security Design Manual (PSDM). Submit a narrative describing physical security measures incorporated into the design. Include features related to both man-made and natural events. See Paragraph 4.2.4.

10.8.11 WATER DISTRIBUTION

Submit a narrative that clearly states the water distribution design approach, including basic assumptions and information regarding the local water utility. Describe the required demand including the fire flow, the availability to connect to the existing water distributions system, whether the existing system can meet the proposed demand, and the ability to provide a looped system. If the water utility cannot provide modeling information that substantiates that the existing system can support the new structure(s), the Lessor shall be responsible for providing modeling information that supports the new structure(s).

10.8.12 SANITARY SEWERAGE SYSTEM

Submit a narrative that discusses the sanitary sewer design approach. Discuss existing capacity in the downstream sewer system and proposed points of connection. Provide calculations substantiating the proposed flows to be generated from this site.

10.9 CALCULATIONS: SUBMISSION WITH OFFER

This information will be used to evaluate the "Quality of Building and Design Concept" factor as referenced in Paragraph 2.2.

Offeror shall submit calculations with other technical submittals on six discs (CD Rom as specified in Paragraph 1.7.1) and in two hard copy sets. Materials shall be organized and tabbed to follow the outline in Paragraphs 10.9.1 through 10.9.3 below.

Hard copies shall be printed on 8½" x 11" bond paper. Materials may be one-sided or double-sided at Offeror's option. Bind in one or more volumes as necessary. Identify each volume with Offeror's information, solicitation number, clinic name, and location. Each set shall contain all volumes.

10.9.1 AREA COMPUTATIONS

Submit key plans or diagrams to indicate methodology used to compute total gross area of the building and the total inside gross area minus the deductions as specified in Paragraph 3.14 RENTABLE AND NET USABLE SQUARE FEET of this Solicitation to arrive at the total net usable square foot calculation.

10.9.2 HVAC CALCULATIONS

Submit preliminary HVAC block load calculations for estimated heating and cooling requirements of the building (BTUH's per gross square foot per year).

10.9.3 ELECTRICAL CALCULATIONS

Submit preliminary electrical square foot load calculations for both normal and emergency use. Separate calculations into lighting, receptacles, and equipment power (medical, radiology, elevator, and mechanical).

PART II

SCHEDULE A

PART II SCHEDULE A:

SECTION 1: OPERATIONS AND MAINTENANCE (O&M) PLAN

1.1 MAINTENANCE BY LESSOR

This lease will require the Lessor to maintain the building, building equipment and systems, and the exterior premises over the term of the lease in accordance with the General Clauses (GSA form 3517B) and Section 8 of the Basic SFO. The Government requires assurance that the building will be kept in good condition with high quality, professional management and maintenance over the full term of the lease. Consequently, the proposed O&M Plan for the building will be carefully evaluated.

Offerors shall submit O&M Plan with initial offers. The O&M Plan shall describe the organization and structure the workforce of both operations and maintenance personnel. Organization charts; staffing plans indicating trades, number of personnel, and experience levels; and operating schedules shall be provided for evaluation. In order to assure professional management, the Lessor or designated property management firm must have a local, designated property manager available. The property manager shall have maintenance personnel (building superintendent) on site during normal working hours of //7:30 AM to 5:00 PM// //[_]//, except Saturdays, Sundays, and federal holidays.

The O&M Plan shall identify and provide addresses and contact information for entities that will maintain the leased premises (designated local property management firm, building superintendent, and any contractors or subcontractors).

The O&M Plan shall outline procedures for dealing with scheduled and non-scheduled maintenance and repairs.

1.2 SCHEDULED MAINTENANCE

1.1.1 O&M PLAN

The O&M Plan shall indicate how the scheduled (routine) maintenance and repair of the building will be managed. For each activity in the O&M plan, the Lessor shall identify the responsible entity and frequency of the maintenance.

A. EXTERIOR MAINTENANCE

Exterior maintenance, including landscaping and grounds, irrigation system, trash removal, exterior lighting, parking lot, pest control, window washing, and general litter pick up shall be discussed.

B. INTERIOR MAINTENANCE:

Interior maintenance shall be described, including HVAC, plumbing, electrical, pest control, Schedule B items, and any janitorial maintenance associated with services provided by the Lessor.

C. QUALITY CONTROL:

Describe how the Lessor will provide quality control to ensure that all services described in the O&M Plan are, in fact, provided, and how the Lessor will maintain quality and appearance of the entire building over the term of the lease.

1.3 NON-SCHEDULED MAINTENANCE

For non-scheduled repairs, the O&M Plan shall describe how service calls (emergency and routine) will be addressed. Identify contact information for both normal working hours and for off-hours and holidays. Quantify response times for on and off-site maintenance entities.

1.1.1 SERVICE CALLS

A. EMERGENCY CALLS

Service calls will be classified as emergency calls when the condition constitutes an immediate danger to personnel, threatens to damage property, or has a direct impact on operations or security. Classification of calls as emergency shall be at the sole discretion of the government. During normal working hours, Lessor's on-site superintendent shall respond immediately upon notification. Emergencies occurring at other than normal working hours shall be responded to (on scene) within 60 minutes of receipt of call. Lessor shall repair or neutralize the emergency condition before departing the site. If necessary, Lessor shall acquire material by quickest available means and include work outside normal hours. If further labor or materials are required after the emergency is neutralized, the Lessor shall have the repairs completed within three (3) working days or within such other reasonable time as agreed to by the government. The Lessor shall have available generally used spare parts and common building materials to support emergency requirements. Lack of standard material shall not be a cause for non-performance.

B. ROUTINE CALLS

Service calls will be classified as routine when the condition does not qualify as an emergency call. Eighty-five (85%) of all routine calls shall be completed within five (5) working days after the receipt of the call, with remainder being completed within ten (10) working days

1.4 EXPENSES

The Lessor shall specify in detail, utilizing the Maintenance Cost Worksheet (attached), those items that are included in the O&M Plan for both annual operating and maintenance expenses, and reserves for replacement. The totals of these estimated expenses shall be entered on the appropriate lines on GSA Form 1217, Lessor's Annual Cost Statement.

1.5 //FUNDED MAINTENANCE ACCOUNT

The O&M Plan must detail how the Funded Maintenance Account (FMA) will be established and how it will be managed. Upon acceptance of the facility by the Government, the Lessor shall immediately establish a FMA in trust for VA in an interest-bearing account provided by the Government and place the equivalent of one hundred twenty-five percent (125%) of the Annual Reserve Grand Total (Line 71) from the attached Maintenance Cost Worksheet into the FMA. At the next quarterly installment and each year thereafter during the lease term, including any renewal options, the amount of the annual reserve grand total is to be paid into the FMA in quarterly increments. The funds are to be made available for all Lessor provided maintenance services, repairs, and replacements. At the end of the VA's lease term, including all renewal options, the remaining balance in the FMA account will be released to the Lessor; and the Government will make no claims against the remaining funds.

1.6 ADJUSTMENTS

At the beginning of the second year and all subsequent years of the lease term, including all renewal options, the operating costs base will be adjusted based on the Consumer Price Index (CPI). Refer also to Paragraph 3.6 of the Solicitation For Offers.

1.7 SHORT FALLS

Shortfalls to cover any unforeseen maintenance, repair or replacement expenditure over and above what is listed in a particular category will be the responsibility of the Lessor.

1.8 PROPERTY MANAGEMENT AGREEMENT

Based upon all the information submitted with the offer, the Government shall require the successful Lessor to execute the "Property Management Agreement," a copy of which is attached.//

1.9 ATTACHMENTS

Attachments: Maintenance Cost Worksheet
//Sample of the Property Management Agreement//

MAINTENANCE COST WORKSHEET

1. SOLICITATION FOR OFFERS		2. BUILDING NAME AND ADDRESS (No., street, city, state, and zip code)		
PART I – ANNUAL OPERATING EXPENSES		MATERIALS	Labor	Total
A. Cleaning, Janitor and/or Char Service				
3. Salaries (Enter on Line 5 GSA form 1217)				
4. Supplies (wax, cleaners, cloths, etc.) (Enter on Line 6 GSA form 1217)				
5. Contract Services (window washing, waste and snow removal) (Enter on Line 7 GSA form 1217)				
B. Heating System Maintenance and Repair				
6. Salaries (Enter on Line 8 GSA form 1217)				
7. Filters, belts, lubricants, fluids, supplies				
8. Labor (includes contracted work)				
9. Subtotal Heating System (Add Lines 7 and 8. Enter result here and on Line 10 GSA form 1217)				
C. Electrical System Maintenance and Repair				
10. Bulbs, Tubes, Starters (Enter on Line 12 GSA form 1217)				
11. Ballasts, fixtures, devices, etc.				
12. Small tools and expendable supplies				
13. Labor (includes contracted work)				
14. Subtotal Electrical System (Add Lines 11 to 13. Enter result here and on Line 14 GSA form 1217)				
D. Plumbing System Maintenance and Repair				
15. Soap, towels, tissues not in Line 4 above (Enter on Line 16 GSA form 1217)				
16. Fixtures, pipe and fittings				
17. Small tools and expendable supplies				
18. Labor (includes contracted work)				
19. Subtotal Plumbing System (Add Lines 16 to 18. Enter result here and on Line 17 GSA form 1217)				
E. Air Conditioning System Maintenance and Repair				
20. Filters, belts, lubricants, fluids, supplies				
21. Labor (includes contracted work)				
22. Subtotal A/C System (Add Lines 20 to 21. Enter result here and on Line 19 GSA form 1217)				
F. Elevators				
23. Salaries (operators, starters, etc) (Enter on Line 20 GSA form 1217)				
24. Small tools and expendable supplies				
25. Labor (includes contracted work)				
26. Subtotal Elevators (Add Lines 24 and 25. Enter result here and on Line 21 GSA form 1217)				
G. Miscellaneous				
26. Building Engineer/Manager (Enter on Line 22 GSA form 1217)				
27. Security (Watchmen, Guards) (Enter on Line 23 GSA form 1217)				
28. Social Security Tax and Workmen's Compensation Insurance (Enter on Line 24 GSA form 1217)				
29. Landscape and Grounds (materials, fertilizers, supplies)				
30. L/S and Grounds Labor (includes contracted work)				
31. Lawn and Landscaping (Add Line 30 and 31. Enter result here and on Line 25 GSA form 1217)				
32. Other (Explain on separate sheet. Include Schedule B Special Requirement Items) (Enter amount here and on Line 26 GSA form 1217)				
33. Subtotal – Annual Operating Expenses				

MAINTENANCE COST WORKSHEET

34. SOLICITATION FOR OFFERS			
35. Annual Operating Expenses (from Part I, Line 33 above)			
	Replacement COST	Useful Life (Years)	ANNUAL Reserve
A. Exterior and Grounds			
36. Parking Lot and Road Repair and/or Resurfacing			
37. Sidewalks			
38. Landscaping / Lawn Care (Equipment)			
39. Exterior Painting			
40. Windows			
41. Roof			
B. Building and Equipment			
42. Doors			
43. Floor Coverings (other than Carpeting)			
44. Carpeting			
45. Interior Painting			
46. Wall Coverings			
47. Ceilings			
48. Blinds / Drapes			
49. Dock Leveler			
50. Elevators			
51. HVAC (include refrigeration equipment and cooling towers)			
52. Air Handling Equipment			
53. Exhaust Systems			
54. Special HVAC Systems			
55. Plumbing Systems (supply, waste and vent)			
56. Hot Water Heater			
57. Fire Protection (fire suppression systems)			
58. Electrical Systems (distribution and power)			
59. Generator			
60. Fire Alarm System			
61. Communications and Signal Systems			
62. Security Systems			
63. Light Fixtures			
64. Schedule B Special Requirement Items			
C. Other / Miscellaneous (attach additional sheets if necessary)			
65.			
66.			
67.			
68.			
69.			
70. Subtotal Capital Reserve (Add Lines 36 to 69. Enter result here and on Line 30 of GSA Form 1217)			
71. Annual Reserve Grand Total (Add Line 35 and 70. Enter result here).			

**SAMPLE OF
PROPERTY MANAGEMENT AGREEMENT (PMA)
OUTPATIENT CLINIC**

[insert location]
LEASE NO. VA-101-XX-RP-XXXX

1. COMMENCEMENT DATE AND MANAGEMENT FEE:

The date of commencement for this Property Management Agreement (PMA) shall coincide with the initial term date of Lease No. VA-101-XX-RP-XXXX, as determined by the initial lease document or subsequent supplemental lease agreement.

The Government agrees to pay to the Lessor as part of the rental payment a Management Fee (as specified on GSA Form 1217, Lessor’s Annual Cost Statement, Line 32). This fee is for the management of all operation expenses, maintenance, repair and reserves for replacement of the leased premises (as specified in Section 1 and Line 30 of Section II of GSA Form 1217), beginning upon VA occupancy of the leased premises. The totals on Lines 27 and 30 on GSA Form 1217 shall reflect the annual costs to operate and maintain the leased premises. The Government’s payment of the Management Fee in return for the operations and maintenance services provided by the Lessor and/or his designated property management firm shall remain in force for the length of the lease term, including all renewal options.

2. GENERAL MAINTENANCE OBLIGATION:

The Lessor is solely responsible for the maintenance and repair of the leased premises as well as any and all Lessor improvements erected on the leased premises, and those items listed in Schedule B (See Paragraph 8.2, Maintenance by Lessor, of the Solicitation for exclusions). The Lessor, at its own expense, shall at all times protect, preserve, maintain, and repair the leased premises, together with any and all improvements located thereon (excluding equipment furnished and installed by the Government, sterilizers, and washer/sanitizers), and shall keep the same in good order and condition. The Lessor shall exercise due diligence at all times in the protection of the leased premises, together with any and all improvements located thereon, against damage or destruction by fire and other causes.

3. MAINTENANCE, CAPITAL REPAIR, AND REPLACEMENT:

Upon the Government’s acceptance of leased premises, the Lessor shall immediately establish a Funded Maintenance Account (FMA) in an interest-bearing account, in a financial institution approved by the Government, and begin to make payments into the FMA in such form and pursuant to such terms as the Government may require.

The Lessor’s obligations with respect to the leased premises shall be in effect and enforceable during the lease term, including all renewal options. **The Lessor shall initially place a sum equivalent to one hundred twenty-five percent (125%) of the Annual Reserve Grand Total from the FMA Worksheet into the Funded Maintenance Account.** Thereafter, the Lessor shall continue to make quarterly payments, at the rate of \$_____ per quarter, into the FMA, as defined in Paragraph 4 of this Property Management Agreement. **[The quarterly payment of \$_____ is determined by taking the Annual Reserve Grand Total from the FMA Worksheet**

[(Line 71 in Maintenance Cost Worksheet) (\$ _____) and dividing that figure by 4].
The FMA shall be held in trust for the Government for the sole purpose of providing yearly operations funding to maintain the leased premises and to pay for capital repairs and replacements as detailed in this Agreement and as set forth elsewhere in the lease agreement. The Lessor is required to maintain the funds in the FMA as reflected above and as defined in Paragraph 4 of this PMA.

- a. Building equipment and maintenance requirements, as well as janitorial, ground maintenance requirements, and pest control (interior and exterior), are to be met by the Lessor in accordance with the Solicitation, Lease No. VA-101-XX-RP-XXXX, and the Lessor's Operations and Maintenance (O&M) Plan as submitted with its offer and attached hereto in this PMA. See Section 8 of the Basic Solicitation for further definition of Lessor's cleaning responsibilities. Such maintenance and repair is to include, but not be limited to, cleaning, regular preventative maintenance, testing as required, and repair of: (1) mechanical, plumbing, electrical, and other building service equipment and systems; (2) roof, foundation and exterior walls, doors and windows; (3) paved parking areas, drives and roads; (4) landscape and grounds: lawn, shrubbery, trees, irrigation system, and pedestrian walkways; (5) interior and exterior painting; (6) wall, floor and ceiling finishes; (7) sewer and utility lines on property; and (8) any other systems deemed property of the Lessor or specified to be maintained by the Lessor.

- b. The Lessor or designated property management firm must have a local, designated property manager available to promptly correct deficiencies or attempt to correct deficiencies after oral or written notice of such condition from the Government Contracting Officer (CO) or his/her designated representative(s). The property manager shall have a maintenance person on site during normal working hours of //7:30 AM to 5:00 PM// //[_]//, except Saturdays, Sundays, and federal holidays to perform preventive maintenance recommended by manufacturer, maintenance and repair, and to respond to emergencies. The property manager or maintenance person must respond to emergency calls occurring at other than normal working hours, within 60 minutes of receipt of notification and complete work the same day, if possible. After an emergency condition has been neutralized, emergency repairs requiring additional labor and/or materials must be completed in no more than 3 days. Responses to emergency and routine maintenance/repair calls during normal working hours must be made within 30 minutes of the occurrence, with 85% of all repairs completed within 5 working days and the remainder within 10 working days. The maintenance person is responsible for securing additional technical expertise and/or additional manpower to affect the maintenance or repair, within the time limits specified, at the Lessor's expense. If no substantial attempt has been made to correct the deficiencies within the specified times above, action will be taken by the Government, as specified in Paragraphs 5 and 6 of this agreement, to correct such deficiencies; and the cost of repairs will be deducted from the next month's rental payment. At the VA's sole discretion, if the maintenance person's performance is deemed unacceptable, the Lessor shall immediately replace said person with a new maintenance person. Determination as to whether or not a call is emergency or routine shall be at the sole discretion of the VA.

- c. The Lessor's maintenance responsibility includes initial and replacement supplies of all items, materials, and equipment necessary for such maintenance. All maintenance work will be done in accordance with applicable codes, and inspection certificates will be displayed as appropriate. The Lessor shall provide the labor, material and supervision to adequately maintain the structure, the utility systems, and the interior and exterior of the building.

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The Lessor shall provide the labor, material, and supervision necessary to perform manufacturer's recommended maintenance and to test/inspect those items required to be tested/inspected by codes, other publications or VA requirements. The Lessor shall maintain logs on-site of all required inspections, tests, preventive maintenance, etc. The logs shall clearly state the item being inspected, tested, or maintained, specific location, description of inspection performed, specific code or other reference requiring the inspection, date, and name of person performing the work. Copies of the logs shall be provided to the VA on a //monthly// //quarterly// //annual// basis.

4. FUNDED MAINTENANCE ACCOUNT (FMA)

- a. The Lessor shall establish a FMA as set forth in Paragraph 3. The account shall be used to provide maintenance to the lease premises throughout the term of the lease, including all renewal options, and to make all necessary capital repairs and replacements.
- b. Failure by the Lessor to make the quarterly FMA payments required within Paragraph 3 shall constitute an Event of Default by the Lessor, as defined in Paragraph 5. In such instance, the Government's remedies shall be those as set forth in Paragraph 6.
- c. Should the cost of any capital repair, replacement, or maintenance be in excess of the funds in any specific category within the FMA, the Lessor shall fund the difference for that item. The Lessor will not be permitted to use funds in the FMA to pay for out-of-cycle repair or replacement of any item identified in the FMA without written approval by VA.
- d. The Lessor shall submit in writing to the CO or his/her designee a quarterly report regarding the funding status of the FMA. Such report shall begin with the establishment of the FMA, and, thereafter, coincide with the Lessor's quarterly payments to the FMA. The report shall include evidence of all deposits to and withdrawals from the FMA and shall identify reasons for each expenditure for maintenance, repair, and replacement made to the clinic building or grounds. The Department of Veterans Affairs reserves the right to audit the FMA records at any time. Such records will be made available to an individual designated by the CO within seven (7) days of written request.
- e. At the beginning of the second year and all subsequent years of the lease term, including all renewal options, the Lessor or designated property management firm shall be required to submit an annual operating budget estimate. The budget estimate shall include monthly obligation plan by category, as similarly identified in the original FMA Worksheet submitted with the Lessor's offer, for review and approval by VA. The budget estimate and obligation plan will forecast costs of all operating expenses for maintenance, refurbishment, repair, and capital replacement required for the ensuing year.
- f. Shortfalls to cover any unforeseen maintenance expenditure in any specific category will be the responsibility of the Lessor. No withdrawals from any category beyond the operating budget obligation plan for that category will be allowed without written approval by VA. At the beginning of the second year and all subsequent years of the lease term, the Lessor will be allowed to adjust his operating expenses (Line 27 of GSA Form 1217 and Part I of the FMA Worksheet) to reflect increases in operating costs.

- g. Once the annual budget is approved, VA's rental rate will be adjusted up or down as necessary to cover the cost of expenses for the ensuing year after accrued interest has been applied. The submission of the annual operating budget estimate and obligation plan shall occur on the anniversary date of the acceptance of the leased premises by the Government.
- h. At the end of VA's lease term, including all renewal options, the remaining balance in the FMA account will be released to the Lessor, and the Government will make no claims against the remaining funds.

5. EVENTS OF DEFAULT BY LESSOR

An Event of Default by the Lessor shall occur upon its failure to perform or observe any covenant or condition required by Lease No., VA-101-XX-RP-XXXX including all attachments hereto, and if such failure is not cured to the satisfaction of the Government within fifteen (15) days of receipt of written notice thereof. Such cure period may, at the sole discretion of the Government, be extended in writing if such default cannot be reasonably cured within the original fifteen (15) day period and the Lessor is diligently attempting to cure the default. An Event of Default by the Lessor also shall occur upon the Lessor's filing of a voluntary or involuntary petition under any Federal or State bankruptcy law, insolvency law, or similar law.

6. REMEDIES FOR DEFAULT BY LESSOR

Upon the occurrence of an Event of Default by the Lessor, the Government may exercise any right, remedy, or privilege, which may be available to it under Lease No. VA-101-XX-RP-XXXX or under applicable Federal, State, or local law. All remedies shall be cumulative and the election of one shall not preclude the exercise of another, at the same time or subsequently. Failure to exercise a remedy shall not constitute a waiver thereof. The Lessor shall remain liable to the extent permitted by law with respect to all covenants and indemnities.

Each calendar year during the lease term, including all renewal options, the property management and maintenance performance of the Lessor or designated property manager will be evaluated. Should the Government, in its sole discretion, find the performance less than satisfactory, the Lessor will be notified. Upon receipt of such notice, the Lessor shall either replace the designated property management firm or take immediate action to remedy those areas of poor performance to the satisfaction of the Government. In the event the Lessor performs property management duties directly, the Government's notice of less than satisfactory performance shall cause the Lessor to designate a professional property management firm to service the leased premises. Such designated firm shall meet the approval of the Government.

Attachment: Operations and Maintenance Plan [as submitted with Lessor's Offer]

PART III

SCHEDULE B -- SPECIAL REQUIREMENTS

PART III: SCHEDULE B--SPECIAL REQUIREMENTS

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PART III: SCHEDULE B -- SPECIAL REQUIREMENTS

SECTION 1: INSTRUCTIONS FOR PRICING THIS SCHEDULE

The Offeror shall submit lump-sum pricing for the purchase and installation of special equipment items specified in Schedule B for laboratory and clinic areas. Offers shall be evaluated in accordance with Part I of the Basic Solicitation. All property placed in, upon, or attached to the premises to be leased, and for which the Government pays by means of lump-sum, shall be and remain the property of the Government, and may be removed or otherwise disposed of by the Government.

As part of the rental consideration, the Offeror must include supporting construction, HVAC systems, utilities, and electrical distribution systems for Offeror furnished equipment and VA furnished equipment to be installed in the Outpatient Clinic. The price for each item in Schedule B shall include only the direct costs of obtaining and installing the item. Supporting structure(s) and distribution systems are included in the basic rent. Therefore, no additional costs relating to the distribution of services (including plumbing, sewage or electricity) or supporting construction should be ascribed to the special equipment costs in Schedule B.

Special equipment items for the clinic are listed in Sections 3 and 4 below. Pricing lines have been provided at each item to be included for pricing purposes in the offer. The Offeror is required to identify the total price involved for each line item. Totals for each Department or Service in the clinic must be entered on the Summary Price Sheet in the Schedule B document.

The Schedule B document is available as a convenience to Offerors in the form of an Excel workbook (electronic spreadsheet file). The individual worksheets (spreadsheets) in the file have been linked and formulas have been provided to facilitate computation of extended prices and totals. Electronic files are provided without warranty or obligation on the part of the government as to the accuracy or suitability for use. Users of electronic files shall agree to indemnify and hold the VA harmless from any and all claims, damages, losses and expenses including, but not limited to, attorney's fees arising from the use of the electronic files.

Offerors are responsible for the accuracy and completeness of the quantities, costs, subtotals, and totals in their proposals.

Items not listed in Schedule B are to be provided by the Lessor as part of the rental consideration. Such items are either specifically called for in the Basic Solicitation (e.g., drinking fountains) or identified in a paragraph specifying an allowance for payment under the provisions of the Basic Solicitation (e.g., telecommunications outlets) and are not identified for pricing purposes in Schedule B.

Estimated quantities have been provided in Schedule B for use in preparation of offers. An adjustment will be made at the time of final inspection on those items specified in Schedule B if there is any deviation between the quantity actually provided and the Government's estimated quantity.

SECTION 2: GENERAL INFORMATION AND INSTRUCTIONS FOR USERS

Brand Names: Certain equipment may be identified by make and model. Identification of these items in this Solicitation by a "brand name" description is intended to indicate the quality and characteristics of products that will be satisfactory and is not intended to be restrictive. Unless clearly indicated in the offer that an "equal" product is offered, the offer shall be considered as offering a referenced brand name product. Offers of "equal" products or equipment will be considered for this award if such product or equipment is clearly identified in the offer and is determined by the Government to fully meet the salient characteristics of the product or equipment named in this Solicitation. The Government's determination as to the acceptability of the "equal" product shall be based on information furnished or otherwise identified in the offer, as well as other information reasonably available to the VA. If the equipment cited in the Solicitation is no longer available, the manufacturer's currently available equipment that replaces the cited model shall be provided.

Caution to Offerors: The VA is not responsible for locating or securing any information not identified in the offer and not reasonably available to the VA. Accordingly, the Offeror shall furnish with its offer the manufacturer and model of equipment proposed and sufficient descriptive material such as cuts, illustrations, drawings, or other information for the VA to determine whether the product offered meets the specified salient characteristics and establishes exactly what the Offeror proposes to furnish.

Basis of Design: Offerors are advised that room layouts and equipment guide lists used in the development of this solicitation were based on VA PG-18-12, *Outpatient (SOC/CBOC) Design Guide* and VA PG-18-5, *Equipment Guide List*. These documents are the basis of design for VA facilities nationwide and may be found in VA's Technical Library at <http://www.cfm.va.gov/TIL/>.

SECTION 3: SPECIAL ITEMS FOR THE ENTIRE CLINIC

Placement of special systems required by the entire clinic will be shown on telecommunications drawings. Please price as totally installed and provide a unit cost for each item as listed in this Schedule. Adjustments in the contract at the time of approval of the equipment drawings will be made based on prices provided by the Offeror in this Schedule B document.

Specific Telecommunications Systems (all systems must be approved by the Contracting Officer or the Contracting Officer's designee.)

3.1 PUBLIC ADDRESS SYSTEM

Provide a public address system. The system will also allow each area receptionist to address their specific waiting areas. Public address central equipment shall be located in Telephone Equipment Room. System(s) shall be as manufactured by Bogen, JBL, Dukane, or approved equivalent, as updated to most current technology or manufacturer.

3.2 AUDIO VISUAL, NURSE CALL, AND CODE ONE (BLUE) SYSTEM

Provide a complete nurse call system. System(s) shall be as manufactured by Rauland Borg, General Electric, Simplex, or approved equivalent, as updated to most current technology or manufacturer.

3.3 MASTER ANTENNA TELEVISION (BROADBAND) SYSTEM

Provide a master antenna television (broadband) system. System(s) shall be as manufactured by Blonder Tongue, Scientific Atlanta, Olson Technologies, or approved equivalent, as updated to most current technology or manufacturer.

3.4 SECURITY MANAGEMENT AND CONTROL, AND CENTRALIZED POLICE SECURITY MANAGEMENT SYSTEMS

Provide security management and control, and centralized police security management systems. System(s) shall be as manufactured by Lockheed, Viper, Access Gold, Casi-Rusco, or approved equivalent, as updated to most current technology or manufacturer. LAN/WAN based systems must be on a separate and standalone system and NOT connected to the Facility's LAN/WAN.

3.5 PATIENT (ALSO STAFF) ANNUNCIATOR/LOCATOR SYSTEM

Provide patient and staff annunciator/locator system. System(s) shall be as manufactured by Viking, Radiance, Secur Trak, Patient Central, or approved equivalent, as updated to most current technology or manufacturer.

3.6 MOTION INTRUSION DETECTOR (MID)

Provide a motion intrusion detection system. System shall be Security Metrics, Ademco, Honeywell, or approved equivalent, as updated to most current technology or manufacturer.

3.7 RADIO ENTERTAINMENT DISTRIBUTION (RED)

Provide radio entertainment distribution (RED) systems as required. System(s) shall be as manufactured by Bogen, JBL, Dukane, or approved equivalent, as updated to most current technology or manufacturer.

3.8 DURESS ALARM AND EMERGENCY NOTIFICATION SYSTEM

Provide a duress alarm and emergency notification panic system with visual and audible annunciation at //Security Office// //and Central Reception Area//, connected to selected locations throughout the facility. System shall be Code Blue Pole Systems or approved equivalent, as updated to most current technology or manufacturer. Under no circumstance shall the telephone system be used to provide duress alarm functions.

3.9 RADIO PAGING SYSTEM

Provide radio paging system (identified as Public Safety Operation and upgraded to Life Safety when interfaced to Code One (Blue)) as required. System(s) shall be as manufactured by Motorola, Johnson, Kenwood, or approved equivalent, as updated to most current technology or manufacturer.

3.10 TWO-WAY RADIO SYSTEM

Provide two-way radio systems as required. System(s) shall be as manufactured by Motorola, Johnson, Vertex Standard, or approved equivalent, as updated to most current technology or manufacturer.

3.11 SECURITY SURVEILLANCE TELEVISION (SSTV)

Provide a complete operational SSTV monitoring system with cameras monitoring the building interior, exterior, and parking lot. Provide equipment to monitor each camera. System(s) shall be as manufactured by Panasonic, Video Tek, Pelco, or approved equivalent, as updated to most current technology or manufacturer.

3.12 INTERCOMMUNICATION SYSTEM

Provide an intercommunication system. System(s) shall be as manufactured by Bogen, Aiphone, Leviton, or approved equivalent, as updated to most current technology or manufacturer.

3.13 VIDEO TELECONFERENCING SYSTEM (VTEL)

Provide cabling and outlets for the VTEL system. The VA shall provide equipment required for the VTEL system. Install a CAT 6 cable from a data outlet in designated Treatment, Telemedicine, and Classroom to Telephone Equipment Room. Cable from each room shall terminate in center of Telephone Equipment room with thirty (30) feet of excess cable and shall be tagged to indicate room that cable serves. System(s) shall be as manufactured by Polycom, Tandberg, HP, or approved equivalent, as updated to most current technology or manufacturer.

3.14 VA SATELLITE TV SYSTEM

Provide cabling, outlets, and roof support for VA satellite TV system for reception of VA internal programming. VA shall provide satellite dish for Lessor installation. The VA shall furnish and install system equipment. Provide coaxial cable, Belden 7731A, from TV outlets in Classroom and Conference Room to Telephone Equipment Room. Cable from each room

shall be installed to center of Telephone Equipment Room above ceiling with thirty (30) LF of excess cable. Cables shall be tagged to identify room that cable serves. Provide coaxial cable from Telephone Equipment Room to Satellite Dish location on roof (250 LF). Provide roof support for satellite dish and means of anchoring satellite dish to roof. System(s) shall be as manufactured by Scientific Atlanta, Blonder Tongue, Pico Macom, or approved equivalent, as updated to most current technology or manufacturer.

3.15 ELECTRONIC ACCESS AND DOOR CONTROL SYSTEM

Provide complete, operational electronic card //keypad// access //and door control// system. All access control system products shall be furnished and installed by the same company. System shall be Dyna Lock, Locknetics, Sentrol, or approved equivalent, as updated to most current technology or manufacturer.

SECTION 4: SPECIAL EQUIPMENT BY FUNCTIONAL AREA

This document lists the special equipment required for each room type in each Functional Area. Although every room type in the Outpatient Clinic is listed, not every room will have special equipment. Where (NR) is indicated, there are no "special requirements" in that room.

4.1 FUNCTIONAL AREAS

Acquisition and Materiel Management Services (AMMS)

Ambulatory Care

Audiology and Speech Pathology

Canteen

Cardiovascular Laboratories-Cardiology Clinic

Clinic Management Suite

Dental Service

Education Facilities

EEG Laboratory

Endoscopy Suite-Digestive Diseases Program

Engineering Service

Environmental Management Service

Eye Clinic

Healthcare Administration Service (HAS)

Lobby

Lockers, Toilets and Showers

Mental Health Clinic

Pathology and Laboratory Medicine

Pharmacy Service

Physical Medicine and Rehabilitation Service

Police and Security Service

Prosthetics and Sensory Aids Service

Pulmonary Medicine

Radiology Service

Service Organizations

Supply, Processing and Distribution (SPD)

Surgery Service

Voluntary Service

PART III: SCHEDULE B--SPECIAL REQUIREMENTS (cont.)

4.2-Functional Room List

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Acquisition and Materiel Management Services (AMMS)										
AMMS	MMCR2	NR	Holding Area, Unposted Stock							No Additional Schedule B Items
AMMS	MMRP1	NR	Receiving and Issue Area							No Additional Schedule B Items
AMMS	DOCK1	1	Receiving and Shipping Dock	A6125	Leveler, Dock	1	\$813.00	\$813.00	\$7,258.00	
				K0450	Curtain, Air	1	\$2,738.00	\$2,738.00		
				S4300	Gun, Steam	1	\$3,707.00	\$3,707.00		
AMMS	SRHM1	NR	Storage, Bio-hazard Waste							No Additional Schedule B Items
AMMS	SRE01	NR	Storage, Equipment							No Additional Schedule B Items
AMMS	SHRM1	NR	Storage, Flammable							No Additional Schedule B Items
AMMS	SRS01	NR	Storage, Form / Processed Stores							No Additional Schedule B Items
AMMS	MMGS1	NR	Storage, Medical and General							No Additional Schedule B Items
AMMS	SRGC1	1	Storage, Medical Gas						\$6,937.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				CA040	Cabinet, Wall, Open, 2 Shelf, Sloping Top, 38x36x13	1	\$646.00	\$646.00		
				CS260	Sink, Epoxy Resin, 10x25x15 ID	1	\$594.00	\$594.00		
				CT060	Countertop, Modified Epoxy Resin	6	\$146.00	\$876.00		
				CW130	Cabinet, Floor Standing, 5 Shelf, 2 Glass Doors, 98x30x22	1	\$2,317.00	\$2,317.00		
				P1965	Eyewash, Eye/Face, Sink Mounted Hands Free	1	\$356.00	\$356.00		
AMMS	SEC01	1	Office Secretary and Waiting						\$30.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$120.00	
AMMS	OFA02	4	Office							
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$99.00	
AMMS	OFA03	1	Office							
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
Ambulatory Care										
Healthcare Administration (HAS)	CASH1	1	Agent Cashier						\$0.00	
Healthcare Administration (HAS)										
Healthcare Administration (HAS)	OFA02	8	Office		Counter, Reception Control, Built-in Consists of two 18" wide base cabinets with two drawers and file drawer, two 30" wide pencil drawers and two 18" wide base cabinet with four drawers. Plastic laminate countertop and splash.	1		\$0.00	\$240.00	
Healthcare Administration (HAS)	OFA03	14	Workstation / Office		Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$1,386.00	
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List									
Department / Functional Area	Room Code	Qty of Rooms	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Healthcare Administration (HAS)	RECP1	1	F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00	\$2,812.00	
				Central Reception Counter and Supplemental Office Equipment					
			C0038	Rail, Apron, 4x42x1	1	\$116.00	\$116.00		
			C0039	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
			C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
			C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
			C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
			CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00		
Healthcare Administration (HAS)	SRE01	NR		Supplemental Equipment Space					No Additional Schedule B Items
Healthcare Administration (HAS)	TLTU1	2	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$2,048.00	
			A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
			A5109	Grab Bars, SS, 1-1/2' Dia	AR	\$175.00	\$175.00		
			A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
			A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
			A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
			P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
			P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00	\$436.00	
Healthcare Administration (HAS)	WRC01	1		Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
			F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
Healthcare Administration (HAS)	WRC01	1		Workroom					
Urgent Care	NST44	1		Nurse / Communication Station					No Additional Schedule B Items
			C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
			C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
			C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
			C09F0	Cabinet, Under Counter, 2 Half-Drawer, 2 Door, 30" W	1	\$1,175.00	\$1,175.00		
			C09G0	Cabinet, Under Counter, 1 Shelf, 2 Door, 30x36x22	1	\$930.00	\$930.00		
			CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	1	\$1,291.00	\$1,291.00		
			CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00		
			CT030	Countertop, High Pressure Laminate	14	\$70.00	\$980.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List											
Department / Functional Area	Room Code	Qty of Rooms	Function	Observation / Treatment	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Urgent Care	BRIT1	1	Observation / Treatment: Infectious Isolation Bedroom		F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00	\$6,327.00	
					A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
					A1110	PBPJ, Headwall, Prefabricated	1	\$5,054.00	\$5,054.00		
					A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
					A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
					A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
					A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
					A5180	Track, Cubicle Curtain, Surface Mounted	16	\$7.00	\$112.00		
					F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
					P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
					P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Urgent Care	BRUN1	12	Observation / Treatment: Monitored Bed							\$81,636.00	
					A1110	PBPJ, Headwall, Prefabricated	1	\$5,054.00	\$5,054.00		
					A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
					A5180	Track, Cubicle Curtain, Surface Mounted	16	\$7.00	\$112.00		
					A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
					A1165	Track, IV, Ceiling Mounted	24	\$56.00	\$1,344.00		
Urgent Care	OFA02	1	Office, Head Nurse		F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00	\$30.00	
Urgent Care	OFA03	1	Office, Physician		A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$99.00	
Urgent Care	SRE01	NR	Storage, Medical Equipment		A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
Urgent Care	SRLW1	NR	Storage, Wheelchair and Stretcher		F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
Exam / Treatment Modules (ETM)	UCCL1	5	Clean Utility Room								No Additional Schedule B Items No Additional Schedule B Items
					CD040	Cabinet, Metal, Wall, T-5B, 2 Shelf, 2 Doors, Sloping Top, 36x42x22	1	\$946.00	\$946.00		
Exam / Treatment Modules (ETM)	CRA02	5	Multipurpose Conference / Classroom		A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$28,560.00	
					C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
					C02C0	Cabinet, Base, 1 Shelf, 1 Drawer, 1 Door, 36x24x22	1	\$898.00	\$898.00		
					C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00		
					F3050	Whiteboard, Dry Erase	1	\$1,960.00	\$1,960.00		
						Screen, Projection, Recessed Ceiling Mounted, Manual Operation, 69x92 Viewing Area, 120" Diagonal	1	\$1,108.00	\$1,108.00	\$45,885.00	
Exam / Treatment Modules (ETM)	EXRG3	69	Multipurpose Exam Room								

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5180	Track Cubicle Curtain, Surface Mounted	16	\$7.00	\$112.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Exam / Treatment Modules (ETM)	TRGM1	2	Multipurpose Procedure Room						\$5,820.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5180	Track Cubicle Curtain, Surface Mounted	12	\$7.00	\$84.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Exam / Treatment Modules (ETM)	USCL1	5	Soiled Utility Room				\$2,348.00	\$2,348.00	\$4,470.00	
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-505	Sink, Service, Clinical Flushing rim, Wall Hung	1	\$596.00	\$596.00		
Exam / Treatment Modules (ETM)	EXRG3	1	Special Purpose Dermatology Exam Room						\$665.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5180	Track Cubicle Curtain, Surface Mounted	16	\$7.00	\$112.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Exam / Treatment Modules (ETM)	SRS01	NR	Storage, Linen, Stretcher and Medical Equipment							No Additional Schedule B Items
Exam / Treatment Modules (ETM)	TLTU1	2	Toilet, Public						\$2,048.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Exam / Treatment Modules (ETM)	WRC01	5	ETM Waiting Area	P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
				A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
Exam / Treatment Modules (ETM)	RECP1	5	HAS: Clinic Module Reception Area	C0038	Rail, Apron, 4x42x1	1	\$116.00	\$116.00		
				C0039	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00		
Exam / Treatment Modules (ETM)	OFA02	35	Office	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$1,050.00	
Exam / Treatment Modules (ETM)	OFA03	5	NS: Cubicle, Resident Physician	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$495.00	
				A5010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
Exam / Treatment Modules (ETM)	MEDP1	2	NS: Medication Room						\$15,346.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00		
				CT050	Countertop, SS, w/Integral Backsplash	6	\$531.00	\$3,186.00		
				CS090	Sink, SS, Single Compartment, Intergral w/ SS Top, 7.5x19x16 ID	1	\$912.00	\$912.00		
				CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00		
Exam / Treatment Modules (ETM)	NSTA4	2	Nurse Station (NS)						\$15,822.00	
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				C09F0	Cabinet, Under Counter, 2 Half-Drawer, 2 Door, 30" W.	1	\$1,175.00	\$1,175.00		
				C09G0	Cabinet, Under Counter, 1 Shelf, 2 Door, 30x36x22	1	\$930.00	\$930.00		
				CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	1	\$1,291.00	\$1,291.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00		
				CT030	Countertop, High Pressure Laminate	14	\$70.00	\$980.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
Exam / Treatment Modules (ETM)	EXRG4	5	NS: Nurse Triage Room						\$3,185.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	12	\$7.00	\$84.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Exam / Treatment Modules (ETM)	OFD03	65	NS: Office, Physician / Provider						\$975.00	
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
Exam / Treatment Modules (ETM)	PHDS1	5	NS: Prescription Receiving Station						\$1,825.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		No Additional Schedule B Items
Exam / Treatment Modules (ETM)	RCA01	NR	NS: Storage, Crash Cart						\$2,048.00	
Exam / Treatment Modules (ETM)	TLTU1	2	NS: Toilet, Staff						\$2,048.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Gastroenterology (GI)	TRPE1	1	Screening Proctoscopy / Sigmoidoscopy Room						\$6,277.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	12	\$7.00	\$84.00		
				C03F0	Cabinet, Base, 1 Shelf, 2 Half-Drawer, 2 Door, 36x30x22	2	\$1,024.00	\$2,048.00		
				C03P0	Cabinet, Sink, 2 Door, 30" W	1	\$915.00	\$915.00		
				CE030	Cabinet, Wall, 2 Shelf, Glass Doors, Sloping Top, 38x30x13	2	\$789.00	\$1,578.00		
				CS090	Sink, SS, Single Compartment, 7.5x19x16 ID	1	\$912.00	\$912.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SOLICITATION FOR OFFERS

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Gastroenterology (GI)				CT030	Countertop, High Pressure Laminate	9	\$70.00	\$630.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
	TLTU1	1	Toilet, Patient	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$1,024.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Dermatology (Derm)	TRGS1	1	Dermatology Procedure / Treatment Room						\$562.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5180	Track Cubicle Curtain, Surface Mounted	12	\$7.00	\$84.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
	LBDE1	1	Dermatology Laboratory						\$4,098.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
Dermatology (Derm)				C01C0	Cabinet, Base, 1 Shelf, 1 Drawer, 1 Door, 36x18x22	1	\$890.00	\$890.00		
				C01D0	Cabinet, Base, 4 Drawer, 36x18x22	1	\$780.00	\$780.00		
				C02Q0	Cabinet, Sink, 1 Door, 36x24x22	1	\$650.00	\$650.00		
				CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	1	\$1,291.00	\$1,291.00		
	MEDP1	1	Dermatology Medication Prep / Storage Room						\$4,951.00	
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00		
				CT050	Countertop, SS, w/Integral Backsplash	1	\$531.00	\$531.00		
				CS090	Sink, SS, Single Compartment, Intergral w/ SS Top, 7.5x19x16 ID	1	\$912.00	\$912.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List											
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes	
Dermatology (Derm)	OPDU1	1	Dermatology Phototherapy Treatment Room	CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00			
					A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$6,277.00	
					A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
					A5180	Track, Cubicle Curtain, Surface Mounted	12	\$7.00	\$84.00		
					C03F0	Cabinet, Base, 1 Shelf, 2 Half-Drawer, 2 Door, 36x30x22	2	\$1,024.00	\$2,048.00		
					C03P0	Cabinet, Sink, 2 Door, 30" W	1	\$915.00	\$915.00		
					CE030	Cabinet, Wall, 2 Shelf, Glass Doors, Sloping Top, 38x30x13	2	\$789.00	\$1,578.00		
					CS090	Sink, SS, Single Compartment, 7.5x19x16 ID	1	\$912.00	\$912.00		
					CT030	Countertop, High Pressure Laminate	9	\$70.00	\$630.00		
					M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Dermatology (Derm)	SHWR1	1	Dermatology Phototherapy Shower Room	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$848.00		
					A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
					A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
					A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
					A5180	Track, Cubicle Curtain, Surface Mounted	4	\$7.00	\$28.00		
					P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
						Seat, Folding, Accessible Shower	1	\$175.00	\$175.00		
					CLR02	Whiteboard, w/ Sliding Panels	1	\$1,423.00	\$1,423.00	\$2,531.00	
						Screen, Projection, Recessed Ceiling Mounted, Manual Operation, 68x92 Viewing Area, 120" Diagonal	1	\$1,108.00	\$1,108.00		
					Nutrition (Dietetics)	OFA02	3	Office, Dietician	A5145	Coat Hook, SS, Surface Mounted	2
A1107	Rail System, Utility, Med Gas	3	\$7,421.00	\$22,263.00						\$27,494.00	
A5145	Coat Hook, SS, Surface Mounted	3	\$15.00	\$45.00							
Oncology (ONC)	OPCT1	1	Chemotherapy Treatment Room	A5180	Track, Cubicle Curtain, Surface Mounted	18	\$7.00	\$126.00			
					F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
					A5210	Bracket, Television, Wall Mounted, Adjustable Arm	3	\$296.00	\$888.00		
					A1165	Track, IV, Ceiling Mounted	72	\$56.00	\$4,032.00	\$1,024.00	
Oncology (ONC)	TLTU1	1	Toilet, Patient								

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Oncology (ONC)	OFA02	1	Office, Data Coordination / Tumor Registry	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Oncology (ONC)	LBP1	1	Oncology Lab	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$2,050.00	
				P2450	Valve, Mixing Thermostatic	1	\$2,035.00	\$2,035.00		
Women's Health / GYN	EXRG8	1	Exam Room	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5180	Track Cubicle Curtain, Surface Mounted	16	\$7.00	\$112.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Women's Health / GYN	TLTU1	1	Toilet, Patient	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$1,024.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Orthopedics (Ortho)	OPCR1	1	Cast Room	A1107	Rail System, Utility, Med Gas	1	\$7,421.00	\$7,421.00	\$10,857.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	14	\$7.00	\$98.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-507	Sink, SS, Single Compartment, 12x22x16 ID, w/ Integral Drainboard (w/out corrugations)	1	\$2,250.00	\$2,250.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				P7650	Trap, Plaster, Small Pegboard, Heavy Duty, w/ Hangers, 48x96	1	\$405.00	\$405.00		
				C0052	Holder, Chart, Patient, Wall or Door Mounted	1	\$275.00	\$275.00		
Orthopedics (Ortho)	DR001	2	Dressing Room, Patient	M1620		1	\$28.00	\$28.00	\$672.00	
				A1066	Mirror, SS Framed, 20x48	1	\$95.00	\$95.00		
				A5021	Bench, Dressing, Wall Mounted	1	\$211.00	\$211.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Orthopedics (Ortho)	ORPC1	1	Storage, Plaster and Splints						\$825.00	
				C0052	Pegboard, Heavy Duty, w/ Hangers, 48x96	3	\$275.00	\$825.00		
Clinic Based Home Care (CBHC)	OFA02	5	Office	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$150.00	
Clinic Based Home Care (CBHC)	OFD03	3	Office	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$297.00	
				A3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
Clinic Based Home Care (CBHC)	OFA01	1	Office	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Patient Education (Pat EDU)	LIBV1	1	Information Resource Center	F3055	Whiteboard, w/ Sliding Panels	1	\$1,423.00	\$1,423.00	\$2,531.00	
				M0410	Screen, Projection, Recessed Ceiling Mounted, Manual Operation, 69x92 Viewing Area, 120" Diagonal	1	\$1,108.00	\$1,108.00		
Patient Education (Pat EDU)	CLR01	1	Classroom	F3055	Whiteboard, w/ Sliding Panels	1	\$1,423.00	\$1,423.00	\$2,531.00	
				M0410	Screen, Projection, Recessed Ceiling Mounted, Manual Operation, 69x92 Viewing Area, 120" Diagonal	1	\$1,108.00	\$1,108.00		
Audiology and Speech Pathology (AUD)	PEHS1	1	Booth, Audometric Exam	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$19,736.00	
				M0050	Booth, Audio, Double Wall, Definitive test, 1 Person	1	\$19,693.00	\$19,693.00		
Audiology (AUD)	EXEN1	1	Electrophysiology Room	M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00	\$483.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Audiology (AUD)	OPMH1	1	Group Therapy Room	P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00	\$400.00	
				A5120	Window, Observation, One-Way	1	\$400.00	\$400.00		
Audiology (AUD)	HAFR1	1	Hearing Aid Fabrication / Modification Room	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$440.00	

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Audiology (AUD)	TREN1	1	Immittance Room	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				M0041	Booth, Audio, Double Wall, Suite	1	\$55,847.00	\$55,847.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
			Instrument Calibration and Storage Room							No Additional Schedule B Items
Audiology (AUD)	SRGH1	NR								
Audiology (AUD)	EXOS1	1	Office, Therapy Room, Audiologist	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$15.00	
Audiology (AUD)	EXEN1	1	Posturography Room	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$483.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Audiology (AUD)	PESH4	1	Suite, Audiometric Exam	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$55,890.00	
				M0041	Booth, Audio, Double Wall, Suite	1	\$55,847.00	\$55,847.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Audiology (AUD)	EXVE1	1	Vestibulography Room						\$365.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
			Equipment Area							No Additional Schedule B Items
Audiology (AUD)	SRSSE1	NR								
Audiology and Speech Pathology	OFA03	1	Office, Administrative Assistant	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$99.00	
				F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
Audiology and Speech Pathology	OFA02	1	Office, Chief of Service	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$15.00	
Audiology and Speech Pathology	RECP1	1	Office, Reception / Control Clerk	C0038	Rail, Apron, 4x42x1	1	\$116.00	\$116.00	\$2,812.00	
				C0039	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00		
Audiology and Speech Pathology	SEC01	1	Office, Secretary / Clerks	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Audiology and Speech Pathology	TLTU1	1	Toilet, Patient	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$1,024.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Audiology and Speech Pathology	WRC01	1	Waiting Area		Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00	\$436.00	
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
Speech Pathology (SP)	EXOS1	1	Office, Therapy Room, Speech Pathologist	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$15.00	
Speech Pathology (SP)	WRCH1	NR	Computer Assisted Training (CAT) Workroom							No Additional Schedule B Items
Speech Pathology (SP)	OPMH1	1	Group Therapy Room	A5120	Window, Observation, One-Way	1	\$400.00	\$400.00	\$400.00	
Speech Pathology (SP)	EXOS1	1	Speech Analysis Laboratory	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$15.00	
Canteen	FSDC1	NR	Canteen							No Additional Schedule B Items
Canteen Service	SL001	1	Staff Lunch / Break Room	A1080	Mirror, Posture, Wall Mounted	1	\$338.00	\$338.00	\$6,681.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				C02C0	Cabinet, Base, 1 Shelf, 1 Drawer, 1 Door, 36x24x22	1	\$898.00	\$898.00		
				C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				CB020	Cabinet, Wall, 2 Shelf, 1 Door, Sloping Top, 38x24x13	2	\$669.00	\$1,338.00		
				CS010	Sink, SS, Single Compartment, 7.5x12x12 ID	1	\$768.00	\$768.00		
				CT030	Countertop, High Pressure Laminate	9	\$70.00	\$630.00		
				F3025	Board, Bulletin, Wood Framed	1	\$54.00	\$54.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
Canteen Service	BX001	NR	Vending Machine Area and Seating							No Additional Schedule B Items
Cardiovascular Laboratories (Cardiology)	OPEC1	1	ECG Testing Cubicle	A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00	\$70.00	

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Cardiology	OPPE1	1	Echocardiography Exam Room	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$553.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Cardiology	OPTM1	1	Exercise Room (Stress Lab Facility)	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$553.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Cardiology	OPHM1	1	Pacemaker / Holter Monitor Room	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$540.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Clinic Management	CRA01	1	Conference Room	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$4,576.00	
				F3030	Board, Scheduling, Magnetic	1	\$286.00	\$286.00		
				F3045	Whiteboard / Projection Screen, Cabinet	1	\$1,627.00	\$1,627.00		
				F3055	Whiteboard, w/ Sliding Panels	1	\$1,423.00	\$1,423.00		
				F3230	Rack, Hat / Coat, Wall Mounted	1	\$102.00	\$102.00		
				M0410	Screen, Projection, Recessed Ceiling Mounted, Manual Operation, 68x92 Viewing Area, 120" Diagonal	1	\$1,108.00	\$1,108.00		
Clinic Management	OFC01	1	Office	A5155	Costumer, Wall, Executive	1	\$107.00	\$107.00	\$107.00	
Clinic Management	OFA02	4	Office	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$120.00	
Clinic Management	SEC01	3	Office, Secretary and Waiting	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$90.00	
Clinic Management	SRSE1	NR	Support Equipment							No Additional Schedule B Items

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Clinic Management	TLTU1	1	Toilet, Staff	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$1,024.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Dental										
Dental	DNTG2	10	Combined Dental Hygiene Operatory	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$80,810.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				D0792	Sink, SS, without faucet, 8x14x10	1	\$481.00	\$481.00		
				D0811	Valve, Water, Foot with faucet	1	\$421.00	\$421.00		
				D9250	Rail, Apron 4.5"Hx2"D	5	\$92.00	\$460.00		
				D9420	Cabinet, Wall Hung, 2 Sliding Doors, 30x36x12	2	\$1,079.00	\$2,158.00		
				D9520	Cabinet, Base, 5 Drawer	2	\$920.00	\$1,840.00		
				D9540	Cabinet, Base, 1-2 Door, 37x20x19	1	\$668.00	\$668.00		
				D9610	Cabinet, Base, with Sink, 2 Doors	1	\$1,257.00	\$1,257.00		
				D9941	Countertop, Laminated, 3/4-inch Thick	16	\$39.00	\$624.00		
Dental	CRA01	1	Conference Room	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$4,576.00	
				F3030	Board, Scheduling, Magnetic	1	\$286.00	\$286.00		
				F3045	Whiteboard / Projection Screen, Cabinet	1	\$1,627.00	\$1,627.00		
				F3055	Whiteboard, w/ Sliding Panels	1	\$1,423.00	\$1,423.00		
				F3230	Rack, Hat / Coat, Wall Mounted	1	\$102.00	\$102.00		
				M0410	Screen, Projection, Recessed Ceiling Mounted, Manual Operation, 69x92 Viewing Area, 120" Diagonal	1	\$1,108.00	\$1,108.00	\$79,766.00	
Dental	DNPL1	1	Dental Prosthetic Laboratory	A5080	Dispenser, Paper Towel, SS, Surface Mounted	2	\$67.00	\$134.00		
				C01D0	Cabinet, Base, 4 Drawer, 36x18x22	1	\$780.00	\$780.00		
				C02B0	Cabinet, Base, 2 Shelf, 1 Door, 36x24x22	1	\$883.00	\$883.00		
				C03F0	Cabinet, Base, 1 Shelf, 2 Half-Drawer, 2 Door, 36x30x22	2	\$1,024.00	\$2,048.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				C03G0	Cabinet, Base, 2 Shelf, 2 Door, 36x30x22	2	\$744.00	\$1,488.00		
				C03P0	Cabinet, Sink, 2 Door, 30" W	1	\$915.00	\$915.00		
				C04F0	Cabinet, Base, 1 Shelf, 2 Half Drawer, 2 Door, 36x36x22	2	\$1,100.00	\$2,200.00		
				C04G0	Cabinet, Base, 2 Shelf, 2 Door, 36x36x22	1	\$1,024.00	\$1,024.00		
				C05P0	Cabinet, Sink, 2 Door, 36x48x22	1	\$1,052.00	\$1,052.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				CE030	Cabinet, Wall, 2 Shelf, Glass Doors, Sloping Top, 38x30x13	1	\$789.00	\$789.00		
				CE040	Cabinet, Wall, 2 Shelf, 2 Glass Doors, Sloping Top, 38x36x13	4	\$1,187.00	\$4,748.00		
				CE050	Cabinet, Wall, 2 Shelf, 2 Glass Doors, Sloping Top, 38x48x13	1	\$1,321.00	\$1,321.00		
				CS090	Sink, SS, Single Compartment, 7.5x19x16 ID	1	\$912.00	\$912.00		
				CS200	Sink, SS, Single Compartment, 12x28x16 ID	1	\$1,228.00	\$1,228.00		
				CT050	Countertop, SS, w/integral Backsplash	28	\$531.00	\$14,868.00		
				D0666	Cabinet, Wall Hung, Dental Laboratory, 30x48x12	1	\$860.00	\$860.00		
				D0755	Tank Assembly, Boilout / curing, Double	1	\$3,446.00	\$3,446.00		
				D0795	Sink, SS, 18 gauge, w/ faucet, 11x18x14	1	\$1,279.00	\$1,279.00		
				D0900	Workstation, Dental Lab, Receiving	1	\$3,217.00	\$3,217.00		
				D0930	Workstation, Dental Lab, Casting	1	\$8,091.00	\$8,091.00		
				D0960	Workstation, Dental Lab, Plaster	1	\$11,902.00	\$11,902.00		
				D0980	Workstation, Dental Lab, Polishing, Single	3	\$3,985.00	\$11,955.00		
				D8650	Chute, Waste, Plaster, Counter Mounted	1	\$239.00	\$239.00		
				D9280	Legs, Rail, Apron	2	\$278.00	\$556.00		
				M2020	Cabinet, Storage, Safety, Built-in, Vented	1	\$2,207.00	\$2,207.00		
				P1965	Eyewash, Eye/Face, Sink Mounted, Hands Free	1	\$356.00	\$356.00		
				P7650	Trap, Plaster, Small	1	\$405.00	\$405.00		
Dental	DNSC2	1	Instrument Preparation and Sterilization Room						\$109,879.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				C01D0	Cabinet, Base, 4 Drawer, 36x18x22	1	\$780.00	\$780.00		
				C01D0	Cabinet, Base, 4 Drawer, 36x18x22	1	\$780.00	\$780.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				C03H0	Cabinet, Base, 2 Half-Drawer, 3 Door, 36x30x22	1	\$1,498.00	\$1,498.00		
				C04F0	Cabinet, Base, 1 Shelf, 2 Half Drawer, 2 Door, 36x36x22	2	\$1,100.00	\$2,200.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				CE040	Cabinet, Wall, 2 Shelf, 2 Glass Doors, Sloping Top, 38x36x13	3	\$1,187.00	\$3,561.00		
				CS180	Sink, SS, Single Compartment, 12x22x16 ID	1	\$1,034.00	\$1,034.00		
				CT050	Countertop, SS, w/integral Backsplash	13	\$531.00	\$6,903.00		
				CW090	Cabinet, Floorstanding, 5 Shelves, 2 Glass Doors, Steel 95x36x16	1	\$1,996.00	\$1,996.00		
				CW100	Cabinet, Floorstanding, 5 Shelves, 2 Glass Doors, Steel 95x48x16	1	\$2,707.00	\$2,707.00		
				P1965	Eyewash, Eye/Face, Sink Mounted, Hands Free	1	\$356.00	\$356.00		
				S0237	Sterilizer, Electric, Vacuum, 2 Door, Recessed, Thru Wall, 20x20x38 Chamber	1	\$77,612.00	\$77,612.00		
				S0965	Washer / Disinfectant, Dental	1	\$9,376.00	\$9,376.00		
Dental	LCCL1	NR	Linen Room and Clean SPD Cart							No Additional Schedule B Items
Dental	LR002	1	Locker Room / Changing Area						\$812.00	
				A1080	Mirror, Posture, Wall Mounted	1	\$338.00	\$338.00		
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5020	Bech, Locker, Floor Mounted	1	\$244.00	\$244.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00		
Dental	MECH1	NR	Mechanical Room							No Additional Schedule B Items
Dental	OF001	1	Office Chief						\$107.00	
Dental	OFA02	1	Office, Administrative Assistant						\$30.00	
Dental	OFD03	5	Office, Dentist						\$150.00	
Dental	SEC01	1	Office, Secretary / Reception / Files / Additional Clerk						\$30.00	
Dental	DNTS1	1	Oral Surgery Room						\$2,202.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A1130	Cabinet, Control, Nitrogen	1	\$954.00	\$954.00		
				A1170	Track, IV, Ceiling Mounted, 4 foot	1	\$954.00	\$954.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	2	\$67.00	\$134.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A6025	Mirror, Safety, Convex	1	\$70.00	\$70.00		
Dental	TLTU1	1	Patient Toilet						\$1,024.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Dental	DNTR1	1	Recovery Room						\$8,574.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A1107	Rail System, Utility, Gas and Electric	1	\$7,421.00	\$7,421.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00		
				M7425	Light, Overbed, Direct and Indirect	1	\$561.00	\$561.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Dental	LCSL1	NR	Soiled SPD Cart Holding							No Additional Schedule B Items
Dental	SRE01	NR	Storage Room							No Additional Schedule B Items
Dental	WRC01	1	Waiting Area						\$436.00	
				A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
Dental	DNXD1	1	X-Ray Area						\$3,109.00	
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				D0795	Sink, SS, 18 gauge, w/ faucet, 11x18x14	1	\$1,279.00	\$1,279.00		
				D9691	Cabinet, Base, Wall Hung, 4 Drawers	1	\$698.00	\$698.00		
				D9835	Cabinet, Sink, Wall Hung, 2 Doors, 18x27x17	1	\$712.00	\$712.00		
				D9941	Countertop, Laminated, 3/4-inch Thick	6	\$39.00	\$234.00		
				X3150	Rack, Apron / Gloves, Wall Mounted	1	\$171.00	\$171.00		
Education Areas										
Education Areas	CRA03	1	Educational Conference Room						\$3,407.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				F3055	Whiteboard, w/ Sliding Panels	1	\$1,423.00	\$1,423.00		
				F3230	Rack, Hat / Coat, Wall Mounted	1	\$102.00	\$102.00		
				M0400	Screen, Projection, Recessed Ceiling Mounted, Manual Operation, 105x140 Viewing Area, 180° Diagonal	1	\$1,852.00	\$1,852.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Education Areas	OFA03	1	Instruction Area	A5145 F3010	Coat Hook, SS, Surface Mounted Bulletin Board, 48" x 48"	2 1	\$15.00 \$84.00	\$30.00 \$84.00	\$114.00	
Electro-Encephalography Laboratory (EEG)	OPEE1	2	EEG Exam Room	A1066 A5080	Mirror, SS Framed, 24x36 Dispenser, Paper Towel, SS, Surface Mounted	1 1	\$75.00 \$67.00	\$75.00 \$67.00	\$1,136.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00	\$380.00	
EEG	OPEE2	1	EEG Instrument and Work Room	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00	\$60.00	
EEG		2	Office, Technician	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		No Additional Schedule B Items
	MRS01	NR	Storage, EEG Records							
Digestive Diseases Program--Endoscopy	DR001	4	Changing Area, Patient	A1066 A5021	Mirror, SS Framed, 20x48 Bench, Dressing, Wall Mounted	1 1	\$95.00 \$211.00	\$95.00 \$211.00	\$1,344.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Endoscopy	RROP1	1	Cubicle, Patient Recovery	A1066 A1107 A1165	Mirror, SS Framed, 24x36 Rail System, Utility, Gas and Electric Track, IV, Ceiling Mounted, 7 foot	1 2 4	\$75.00 \$7,421.00 \$425.00	\$75.00 \$14,842.00 \$1,700.00	\$18,427.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	44	\$7.00	\$308.00		
				M7425	Light, Overbed, Direct and Indirect Lavatory, Vitreous China, with Sensor Faucet	2	\$561.00	\$1,122.00		
				P-418	Sensor Faucet	1	\$298.00	\$298.00		
Endoscopy	XVC01	1	Dictation / Viewing Room	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$580.00	
				X3900	Illuminator, Film, Double, Recessed	1	\$550.00	\$550.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SOLICITATION FOR OFFERS

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Endoscopy	TREE1	2	EGD Procedure Room		Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$5,920.00	
				A5080	Track, Cubicle Curtain, Surface Mounted	12	\$7.00	\$84.00		
				A5180	Shelf T-45, SS, 12" w x 5' d	1	\$55.00	\$55.00		
				A5165	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-418	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				A5145	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
				M1620	Light, Exam, Ceiling Mounted	1	\$2,348.00	\$2,348.00		
				M7405					\$1,934.00	
Endoscopy	JANC1	1	Housekeeping Aids Closet (HAC)		Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5080	Rack, Mop, T-10, Wall Mounted	1	\$211.00	\$211.00		
				A5135	Cabinet, SS, Wall, T-7, 2 Shelf, 2 Doors, Sloping Top, 36x48x12	1	\$1,242.00	\$1,242.00		
				CD045	Sink, Service, Corner, Floor Mounted	1	\$414.00	\$414.00		
				P-502					\$7,911.00	
Endoscopy	NSTA4	1	Nurse Station		Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0045	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C0046	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				C06M0	Cabinet, Under Counter, 2 Half-Drawer, 2 Door, 30" W	1	\$1,175.00	\$1,175.00		
				C09F0	Cabinet, Under Counter, 1 Shelf, 2 Door, 30x36x22	1	\$930.00	\$930.00		
				C09G0	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	1	\$1,291.00	\$1,291.00		
				CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00		
				CG050	Countertop, High Pressure Laminate	14	\$70.00	\$980.00		
				CT030	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
				F3050					\$30.00	
Endoscopy	OFD03	1	Office, GI Assistant		Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Endoscopy	RECP1	1	Reception Area		Rail, Apron, 4x42x1	1	\$116.00	\$116.00	\$2,812.00	
				C0038	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
				C0039	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0045	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C0046	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SOLICITATION FOR OFFERS

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List												
Department / Functional Area	Room Code	Qty of Rooms	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes			
Endoscopy	USCL2	1	CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00					
				Scopes Clean-up, Sterilization and Storage Room				\$15,385.00				
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00			Scope Wash	
				C02C0	Cabinet, Base, 1 Shelf, 1 Drawer, 1 Door, 36x24x22	1	\$898.00	\$898.00			Scope Wash	
				C05P0	Cabinet, Sink, 2 Door, 36x48x22	1	\$1,052.00	\$1,052.00			Scope Wash	
				CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	2	\$1,291.00	\$2,582.00				
				CS200	Sink, SS, Single Compartment, 12x28x16 ID	1	\$1,228.00	\$1,228.00			Scope Wash	
				CT050	Countertop, SS, w/Integral Backsplash	6	\$531.00	\$3,186.00			Scope Wash	
				C02C0	Cabinet, Base, 1 Shelf, 1 Drawer, 1 Door, 36x24x22	2	\$898.00	\$1,796.00			Clean Storage	
				CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	2	\$1,291.00	\$2,582.00			Clean Storage	
				CT030	Countertop, High Pressure Laminate	6	\$70.00	\$420.00			Clean Storage	
				E0918	Cabinet, Scope Storage, Metal, Floorstanding, 2 Glass Doors, Sloping Top 36x72x12	1	\$1,574.00	\$1,574.00			Clean Storage	
				RCA01	NR							
				TLTU1	3							No Additional Schedule B Items
				Endoscopy	UCCL1	1	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	
A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00				\$67.00					
A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00				\$175.00					
A5145	Coat Hook, SS, Surface Mounted	1	\$15.00				\$15.00					
A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00				\$55.00					
A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00				\$74.00					
P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00				\$298.00					
P-103	Toilet, Wall Hung, w/seat	1	\$265.00				\$265.00					
UCCL1	1		Utility Room, Clean						\$946.00			
USCL1	1		Utility Room, Soiled						\$946.00			
USCL1	1		Lavatory, Vitreous China, with Sensor Faucet				1	\$298.00	\$298.00			
P-505	1		Sink, Service, Clinical Flushing rim, Wall Hung				1	\$596.00	\$596.00			
WRC01	1		Bracket, Television, Wall Mounted, Adjustable Arm				1	\$296.00	\$296.00			
F2310	1		Rack, Pamphlet, Wall Mounted				1	\$140.00	\$140.00			
										\$894.00		
							\$436.00					

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Engineering			Biomedical Engineering Repair							
Engineering	BMER1	1	Shop	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$10,795.00	Biomedical Engineer
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		Receiving and Cleaning
				P-514	Sink, SS, Single Compartment, 17.5x21x12 ID, w/ Integral Drainboard (w/out corrugations)	1	\$2,575.00	\$2,575.00		Receiving and Cleaning
				A1107	Rail System, Utility, Gas and Electric	1	\$7,421.00	\$7,421.00		Repair
				F3025	Bulletin Board, Wood Framed	1	\$54.00	\$54.00		Repair
				M2055	Shelving, Floorstanding, Steel, 5 Adjustable Shelves, 36x84x18	2	\$324.00	\$648.00		Storage
Environmental Management (EMS)										
EMS	UTC01	NR	Dumpsters							No Additional Schedule B Items
EMS	JANC1	7	Housekeeping Aids Closet (HAC)						\$13,538.00	One per 13,000 nsfr. distribute throughout OPC
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5135	Rack, Mop, T-10, Wall Mounted	1	\$211.00	\$211.00		
				CD045	Cabinet, SS, Wall, T-7, 2 Shelf, 2 Doors, Sloping Top, 36x48x12	1	\$1,242.00	\$1,242.00		
				P-502	Sink, Service, Corner, Floor Mounted	1	\$414.00	\$414.00		
EMS	SHRHM1	NR	Infectious / Hazardous Waste							No Additional Schedule B Items
EMS	OFA02	1	Office, Chief						\$30.00	
EMS	SEC01	1	Office, Secretary and Waiting						\$30.00	
EMS	UTC01	NR	Recyclable Waste							No Additional Schedule B Items
EMS	LCCL1	NR	Storage, Clean linen Cart							No Additional Schedule B Items
EMS	SRSE1	1	Storage, Environmental Management Supplies / Large Equipment						\$1,296.00	
EMS	LCSL1	NR	Storage, Soiled Linen Cart	M2055	Shelving, Floorstanding, Steel, 5 Adjustable Shelves, 36x84x18	4	\$324.00	\$1,296.00		No Additional Schedule B Items
Eye Clinic										
Eye Clinic	TREY1	1	Exam / Treatment Room						\$4,828.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
				M5016	Desk, Refraction w/console, w/o sink	1	\$4,330.00	\$4,330.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Eye Clinic	EYFD1	1	Fitting and Dispensing Room						\$470.00	

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Eye Clinic	OFA02	1	Office, Blind Rehabilitation (VIST), Counselor	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Eye Clinic	OFA03	6	Office, Eye Care Provider	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$180.00	
Eye Clinic	EYVS1	1	Photography Room	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$498.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Eye Clinic	RECP1	1	Reception Area	C0038	Rail, Apron, 4x42x1	1	\$116.00	\$116.00	\$2,812.00	
				C0039	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00		
Eye Clinic	EYVF1	1	Visual Fields Room	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$498.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00	\$436.00	
Eye Clinic	WRC01	1	Waiting Area (Dilation)	A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
Healthcare Administration (HAS)										
Healthcare Administration (HAS)	SRSE1	NR	Supplemental Equipment Space							No Additional Schedule B Items
Healthcare Administration (HAS)	OFA02	19	Workstation / Office						\$570.00	
Healthcare Administration (HAS)	OFC02	1	Office, Chief	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$107.00	
Healthcare Administration (HAS)	SEC01	1	Office, Secretary and Waiting	A5155	Costumer, Wall, Executive	1	\$107.00	\$107.00	\$30.00	

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Healthcare Administration (HAS)	RPR01	NR	Copy Room	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		No Additional Schedule B Items
Lobby										
Lobby	OFA02	1	Escort Room	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Lobby	RECP3	1	Information Desk	C0038	Rail, Apron, 4x42x1	1	\$116.00	\$116.00	\$3,232.00	
				C0039	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				CT030	Countertop, High Pressure Laminate	16	\$70.00	\$1,120.00	\$250.00	
Lobby	LOB01	1	Public Telephones	F3025	Bulletin Board, Wood Framed	1	\$54.00	\$54.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
Lobby	SR1W1	NR	Storage, Wheelchair							
Lobby	TLTU1	1	Toilet, Female, Public	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$1,024.00	No Additional Schedule B Items
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Lobby	TLTU1	1	Toilet, Male, Public	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$1,024.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Lobby	WRC01	1	Waiting Area	A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00	\$436.00	
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
EMS: Lockers, Lounges, Toilets and Showers (LLTS)										
EMS: LLTS	LR002	1	Locker Room						\$797.00	

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SOLICITATION FOR OFFERS

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes	
			A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00			
			A1080	Mirror, Posture, Wall Mounted	1	\$338.00	\$338.00			
			A5020	Bench, Locker, Floor Mounted	1	\$244.00	\$244.00			
			A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00			
			A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00			
			A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00			
EMS- LLTS	TLTS1	1		Shower, Female Staff				\$2,323.00		
			A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00			
			A5030	Bench, Shower, Built-in	1	\$618.00	\$618.00			
			A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00			
			A5090	Disposal, Sanitary Napkin, SS, Surface Mounted	1	\$44.00	\$44.00			
			A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00			
			A5110	Grab Bar, SS, 1-1/2" Dia, Shower Use	AR	\$175.00	\$175.00			
			A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00			
			A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00			
			A5170	Rod, Shower curtain, 1" dia.w/curtain and hooks	1	\$48.00	\$48.00			
			A5175	Soap Dish, SS, Recessed	1	\$30.00	\$30.00			
			A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00			
			A5205	Bar, Towel, 1" dia, SS, Surface Mounted	1	\$40.00	\$40.00			
			P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00			
			P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00			
			P-703	Shower, Single, Hand Held	1	\$344.00	\$344.00			
EMS- LLTS	TLTS1	1		Shower, Male Staff				\$2,279.00		
			A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00			
			A5030	Bench, Shower, Built-in	1	\$618.00	\$618.00			
			A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00			
			A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00			
			A5110	Grab Bar, SS, 1-1/2" Dia, Shower Use	AR	\$175.00	\$175.00			
			A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00			
			A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00			
			A5170	Rod, Shower curtain, 1" dia.w/curtain and hooks	1	\$48.00	\$48.00			
			A5175	Soap Dish, SS, Recessed	1	\$30.00	\$30.00			
			A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00			
			A5205	Bar, Towel, 1" dia, SS, Surface Mounted	1	\$40.00	\$40.00			
			P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00			
			P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00			
			P-703	Shower, Single, Hand Held	1	\$344.00	\$344.00			
EMS- LLTS	TLTU1	10		Toilet, Staff				\$10,240.00	Distributed through Clinic Departments	
			A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00			

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Mental Health										
Administration	OPMH1	3	Group Therapy Room	A5120	Window, Observation, One-Way	1	\$400.00	\$400.00	\$1,200.00	
Administration	OFA02	1	Office, Director	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Administration	SEC01	1	Office, Secretary / Clerical	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Administration	RECP1	1	Reception / Control Unit	C0038	Rail, Apron, 4x42x1	1	\$116.00	\$116.00	\$2,812.00	
				C0039	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00		
Administration	TLTU1	3	Toilet	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$3,072.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Day Treatment Center	OFDC1	5	Office	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$150.00	
Day Treatment Center	OFDC1	1	Office, Chief	A5155	Costumer, Wall, Executive	1	\$107.00	\$107.00	\$107.00	
Day Treatment Center	FSCD1	NR	Social Activities / Dining / Multipurpose							No Additional Schedule B Items
Day Treatment Center	FSNP1	1	Social Activities Space / Kitchen	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$1,679.00	
				K6300	Sink, Cook's, SS, 1 Compartment	1	\$1,612.00	\$1,612.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Day Treatment Center	SRS01	NR	Social Activities Space / Storage							No Additional Schedule B Items
Mental Health Clinic	OPMH3	1	Biofeedback Control Room / Tech Office	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$211.00	
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
Mental Health Clinic	OPMH3	1	Biofeedback Treatment Room	A5120	Window, Observation, One-Way	1	\$400.00	\$400.00	\$611.00	
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
Mental Health Clinic	EXRG3	1	Exam / Treatment Room						\$665.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	16	\$7.00	\$112.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Mental Health Clinic	OFDC1	30	Office						\$900.00	
Mental Health Clinic	OFDC1	1	Office, Chief						\$107.00	
Methadone Maintenance Program	MEDP1	1	Medication / Treatment Room						\$7,673.00	
				A5165	Costumer, Wall, Executive	1	\$107.00	\$107.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00		
				CT050	Countertop, SS, w/Integral Backsplash	6	\$531.00	\$3,186.00		
				CS090	Sink, SS, Single Compartment, Intergral w/ SS Top, 7.5x19x16 ID	1	\$912.00	\$912.00		
				CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00		
Methadone Maintenance Program	PHDS1	1	Methadone Dispensing Pharmacy						\$365.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Methadone Maintenance Program	OFD03	1	Office / Exam Room, Nurse Practitioner						\$30.00	
Methadone Maintenance Program	SSV01	NR	Storage / Vault							No Additional Schedule B Items
Methadone Maintenance Program	TLTU1	1	Toilet, Urine Specimen Collection						\$1,024.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Methadone Maintenance Program	WRC01	1	Waiting Area					\$436.00		
				A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
Occupational Therapy	OTDL1	1	Basic Clinic					\$7,281.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	12	\$7.00	\$84.00		
				A5195	Dispenser, Toilet Paper, SS, 1-Roll	1	\$13.00	\$13.00		
				A5205	Bar, Towel, 1" dia, SS, Surface Mounted	1	\$40.00	\$40.00		
				C04E0	Cabinet, Base, 1 Shelf, 1 Drawer, 2 Door, 36x36x22	1	\$1,207.00	\$1,207.00		
				C05P0	Cabinet, Sink, 2 Door, 36x48x22	1	\$1,052.00	\$1,052.00		
				CE090	Cabinet, Wall, 2 Shelf, Glass Doors, Sloping Top, 41x36x13	1	\$1,198.00	\$1,198.00		
				CS070	Sink, SS, Single Compartment, 7.5x16x16 ID	1	\$778.00	\$778.00		
				CS180	Sink, SS, Single Compartment, 12x22x16 ID	1	\$1,034.00	\$1,034.00		
				CT030	Countertop, High Pressure Laminate	25	\$70.00	\$1,750.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Occupational Therapy	SRS01	NR	Storage							
Substance Abuse Clinic	OFDC1	4	Office					\$120.00		No Additional Schedule B Items
Substance Abuse Clinic	OFD03	2	Office	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$60.00	
Substance Abuse Clinic	SEC01	1	Office, Secretary / Clerical	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Substance Abuse Clinic	OFA02	1	Office Statistical Clerk	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Substance Abuse Clinic	SRS01	NR	Utility and Storage	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		No Additional Schedule B Items
Pathology and Laboratory Medicine (PLM)										
Laboratories	LBVP1	1	Blood Specimen Collection Room						\$4,188.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				C03F0	Cabinet, Base, 1 Shelf, 2 Half-Drawer, 2 Door, 36x30x22	1	\$1,024.00	\$1,024.00		
				CA040	Cabinet, Wall, Open, 2 Shelf, Sloping Top, 38x36x13	2	\$646.00	\$1,292.00		
				CT030	Countertop, High Pressure Laminate	6	\$70.00	\$420.00		
				P-414	Lavatory, Vitreous China, with Wrist Blade Faucet	1	\$298.00	\$298.00		
Laboratories	LMCH1	1	Clinical Chemistry		Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5080					\$30,948.00	
				C0045	Frame, Apron, 1 Drawer, 4x36x22	2	\$420.00	\$840.00		
				C02C0	Cabinet, Base, 1 Shelf, 1 Drawer, 1 Door, 36x24x22	4	\$898.00	\$3,592.00		
				C05P0	Cabinet, Sink, 2 Door, 36x48x22	1	\$1,052.00	\$1,052.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	2	\$863.00	\$1,726.00		
				C09F0	Cabinet, Under Counter, 2 Half-Drawer, 2 Door, 30x30x22	2	\$1,175.00	\$2,350.00		
				CA020	Cabinet, Wall, Open, 2 Shelf, Sloping Top, 24x30x13	6	\$581.00	\$3,486.00		
				CE040	Cabinet, Wall, 2 Shelf, 2 Glass Doors, Sloping Top, 38x36x13	4	\$1,187.00	\$4,748.00		
				CS270	Sink, Epoxy Resin, 11x18x15 ID	2	\$538.00	\$1,076.00		
				CT060	Countertop, Modified Epoxy Resin Eyewash and Safety Shower,	40	\$146.00	\$5,840.00		
				P5210	Floorstanding	1	\$1,795.00	\$1,795.00		
				VL-54	Pegboard, Epoxy, 53 pegs, 32x30	1	\$926.00	\$926.00		
					Outlets, Lab Gas: Gas, Air, Vacuum	6	\$575.00	\$3,450.00		
Laboratories	LMM03	1	Clinical Microbiology		Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5080						
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C02C0	Cabinet, Base, 1 Shelf, 1 Drawer, 1 Door, 36x24x22	2	\$898.00	\$1,796.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	2	\$994.00	\$1,988.00		
				CA020	Cabinet, Wall, Open, 2 Shelf, Sloping Top, 24x30x13	4	\$581.00	\$2,324.00		
				CE040	Cabinet, Wall, 2 Shelf, 2 Glass Doors, Sloping Top, 38x36x13	1	\$1,187.00	\$1,187.00		
				CS270	Sink, Epoxy Resin, 11x18x15 ID	2	\$538.00	\$1,076.00		
				CT060	Countertop, Modified Epoxy Resin	18	\$146.00	\$2,628.00		
				F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
									\$25,738.00	

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	2	\$67.00	\$134.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				L2335	Cabinet, Biosafety, Class 2, B2, 4ft	1	\$12,449.00	\$12,449.00		
				VL-54	Pegboard, Epoxy, 53 pegs, 32x30	1	\$926.00	\$926.00		
Laboratories	LBSM1	1	Sterilization and Solution Preparation Room						\$54,828.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				L2000	Purification System, Water	1	\$6,025.00	\$6,025.00		
				S0145	Sterilizer, Electric, Gravity, Lab, 1 Door, Cabinet enclosed, 16x16x26 chamber	1	\$48,736.00	\$48,736.00		
Laboratories	SRS01	NR	Storage, Bulk							No Additional Schedule B Items
Laboratories	SRR02	NR	Storage, Refrigerated							No Additional Schedule B Items
Laboratories	TLTU1	1	Toilet, Urine Specimen Collection						\$1,024.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Laboratories	WRC01	1	Waiting Area, Patient						\$436.00	
				A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
PLM	OFA02	1	Office, Chief Medical Technologist						\$30.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
PLM	OFA03	1	Office, Pathologist and Microscope Area						\$30.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
PLM	SEC01	1	Office, Secretary / Clerical						\$30.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Pharmacy										
Non-Secure Areas	OFA02	1	Consultation Room						\$30.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Non-Secure Areas	OFA03	1	Prescription Receiving						\$99.00	
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
Non-Secure Areas	WRC01	1	Waiting Area						\$436.00	
				A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Secure Areas	OFA03	1	Data Processing Space	A5145 F3010	Coat Hook, SS, Surface Mounted Bulletin Board, 48" x 48"	1	\$15.00 \$84.00	\$15.00 \$84.00	\$99.00	
Secure Areas	PHOD2	1	Dispensing	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$365.00	
Secure Areas	PHBS1	NR	Drug Receiving, Breakdown and Verification Area	P-414	Lavatory, Vitreous China, with Wrist Blade Faucet	1	\$298.00	\$298.00		No Additional Schedule B Items
Secure Areas	PHMP1	1	Extemporaneous Compounding	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$67.00	
Secure Areas	PHOD1	1	Filling and Assembly	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$916.00	
Secure Areas	PHMP2	NR	Mail Out	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
Secure Areas	OFA02	7	Office	P1960	Eyewash, Countertop	1	\$551.00	\$551.00		
Secure Areas	SEC01	1	Office, Secretary and Waiting	P-414	Lavatory, Vitreous China, with Wrist Blade Faucet	1	\$298.00	\$298.00		No Additional Schedule B Items
Secure Areas	PHIV3	1	Oncology: Preparation Area	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$210.00	
Secure Areas	XXYYC	1	Oncology: Preparation Area	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Secure Areas	PHBS2	1	Oncology: Storage and Clean / Decontamination Area	L2335	Cabinet, Biosafety, Class 2, B2, 4ft	1	\$12,449.00	\$12,449.00	\$12,449.00	Comply with USP <797>
Secure Areas	XXYYC	1	Oncology: Clean Corridor	A5080 F3230	Dispenser, Paper Towel, SS, Surface Mounted Rack, Hat / Coat, Wall Mounted	1	\$67.00 \$102.00	\$67.00 \$102.00	\$2,419.00	Comply with USP <797>
Secure Areas	PHBS2	1	Oncology: Housekeeping Aids	P-520	Sink, Surgeon's Scrub, Sensor Control, 28x22	1	\$2,250.00	\$2,250.00	\$4,674.00	Comply with USP <797>
Secure Areas	XXYYC	1	Oncology: Housekeeping Aids	C03G0 CT050	Cabinet, SS, Base, 2 Shelf, 2 Door, 36x30x22 Countertop, SS, w/Integral Backsplash	2	\$744.00	\$1,488.00	\$4,226.00	Comply with USP <797>
Secure Areas	JANC1	1	Oncology: Housekeeping Aids	F3230 M2055	Rack, Hat / Coat, Wall Mounted Shelving, Floorstanding, Steel, 5 Adjustable Shelves, 36x84x18	1	\$102.00 \$324.00	\$102.00 \$324.00	\$1,934.00	Comply with USP <797>
Secure Areas				A5080 A5135	Dispenser, Paper Towel, SS, Surface Mounted Rack, Mop, T-10, Wall Mounted	1	\$67.00 \$211.00	\$67.00 \$211.00		
Secure Areas				CD045	Doors, Sloping Top, 36x48x12	1	\$1,242.00	\$1,242.00		
Secure Areas				P-502	Sink, Service, Corner, Floor Mounted	1	\$414.00	\$414.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Physical Therapy (PT)	SRE01	NR	Storage, Equipment	P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		No Additional Schedule B Items
Physical Therapy (PT)	PTEA1	1	Treatment Exercise Area	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$5,839.00	
				A1080	Mirror, Posture, Wall Mounted	1	\$338.00	\$338.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				M8075	Lift, Patient, Physical Therapy	1	\$5,061.00	\$5,061.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00	\$946.00	
Physical Therapy (PT)	UTLC1	1	Utility Room, Clean							
				CD040	Cabinet, Metal, Wall, T-5B, 2 Shelf, 2 Doors, Sloping Top, 36x42x22	1	\$946.00	\$946.00		
PMR	WRC01	1	Waiting Area	A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00	\$436.00	
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		
Police and Security										
Police and Security	CROP1	NR	Holding Room							No Additional Schedule B Items
Police and Security	OPMH4	1	Operations Room	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Prosthetics and Sensory Aids										
Prosthetics and Sensory Aids	OFA02	3	Office						\$90.00	
Prosthetics and Sensory Aids	SEC01	1	Office, Secretary and Waiting	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Prosthetics and Sensory Aids	SRCS1	NR	Prosthetic Appliance Storage: Mailing Room	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		No Additional Schedule B Items
Prosthetics and Sensory Aids	SRCS1	NR	Prosthetic Appliance Storage: Storage Room							No Additional Schedule B Items
Prosthetics and Sensory Aids	RECP1	1	Reception and Waiting Area	C0038	Rail, Apron, 4x42x1	1	\$116.00	\$116.00	\$2,812.00	
				C0039	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00		
Pulmonary Medicine (PM)										
Pulmonary Medicine (PM)	OPPF5	1	Exercise Room	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$413.00	
				A1080	Mirror, Posture, Wall Mounted	1	\$338.00	\$338.00		
Pulmonary Medicine (PM)	TRPE2	1	Special Procedures / Bronchoscopy Room						\$562.00	

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	12	\$7.00	\$84.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
Pulmonary Medicine (PM)	OPPF1	1	Ventilatory Test Room, Spirometry						\$365.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Radiology										
Radiology	XDCS1	1	Chest Room - Dedicated						\$608.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				P-403	Lavatory, Vitreous China, with Foot Pedal Control	1	\$355.00	\$355.00		
				X3150	Rack, Apron / Gloves, Wall Mounted	1	\$171.00	\$171.00		
Radiology	XVC01	1	Common Viewing Room						\$580.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
				X3900	Illuminator, Film, Double, Recessed	1	\$550.00	\$550.00		
Radiology	XCTS1	NR	Computed Tomography: Computer / Power Equipment Room							No Additional Schedule B Items
Radiology	XCTC1	NR	Computed Tomography: Control Room							No Additional Schedule B Items
Radiology	XCTS1	1	Computed Tomography: Scanning Room						\$6,547.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C03H0	Cabinet, Base, 2 Half-Drawer, 3 Door, 36x30x22	1	\$1,498.00	\$1,498.00		
				C03J0	Cabinet, Base, 8 Half-Drawer	1	\$1,710.00	\$1,710.00		
				C03P0	Cabinet, Sink, 2 Door, 30" W	1	\$915.00	\$915.00		
				CE030	Cabinet, Wall, 2 Shelf, Glass	1	\$789.00	\$789.00		
				CS140	Doors, Sloping Top, 38x30x13 Sink, SS, Single Compartment, 10x14x16 ID	1	\$837.00	\$837.00		
				CT030	Counter top, High Pressure Laminate	8	\$70.00	\$560.00		
Radiology	SRE01	NR	Computed Tomography: Storage Room							No Additional Schedule B Items

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List											
Department / Functional Area	Room Code	Qty of Rooms	Function	Computed Tomography: Toilet,	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Radiology	TLTU1	1	Patient		A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$1,024.00	
					A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
					A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
					A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
					A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
					A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
					P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
					P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Radiology	DR001	7	Dressing Room		A1066	Mirror, SS Framed, 20x48	1	\$95.00	\$95.00	\$2,352.00	
					A5021	Bench, Dressing, Wall Mounted	1	\$211.00	\$211.00		
					A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Radiology	XDR01	1	General Purpose Radiology Room							\$2,333.00	
					A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
					A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
					P-403	Lavatory, Vitreous China, with Foot Pedal Control	1	\$355.00	\$355.00		
					X3150	Rack, Apron / Gloves, Wall Mounted	1	\$171.00	\$171.00		
Radiology	JANC1	1	Housekeeping Aids Closet - HAC				3	\$575.00	\$1,725.00	\$1,934.00	
					A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
					A5135	Rack, Mop, T-10, Wall Mounted	1	\$211.00	\$211.00		
					CD045	Cabinet, SS, Wall, T-7, 2 Shelf, 2 Doors, Sloping Top, 36x48x12	1	\$1,242.00	\$1,242.00		
					P-502	Sink, Service, Corner, Floor Mounted	1	\$414.00	\$414.00		
Radiology	XDM01	1	Mammography Room							\$739.00	
					A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
					A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
					A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
					A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00		
					M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00		
					P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
Radiology	OFRD1	1	Office, Chief Radiologist							\$30.00	
					X3150	Rack, Apron / Gloves, Wall Mounted	1	\$171.00	\$171.00		
Radiology	OFA02	5	Office, Professional, Non Physician							\$150.00	
					A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SOLICITATION FOR OFFERS

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Radiology	OFA03	1	Office, Reception	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$99.00	
Radiology	SEC01	1	Office, Secretary and Waiting	A5145 F3010	Coat Hook, SS, Surface Mounted Bulletin Board, 48" x 48"	1	\$15.00 \$84.00	\$15.00 \$84.00	\$30.00	
Radiology	OFDR1	3	Office, Staff Radiologist	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$90.00	
Radiology	XDRF1	1	Radiographic / Fluoroscopic (R/F) Room	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$437.00	
Radiology	TLTU1	1	Ultrasound: Toilet, Patient	A5080 A5145 P-403	Dispenser, Paper Towel, SS, Surface Mounted Coat Hook, SS, Surface Mounted Pedal Control	1	\$67.00 \$15.00 \$355.00	\$67.00 \$15.00 \$355.00	\$1,024.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00	\$4,136.00	
Radiology	XDUS1	1	Ultrasound Room	A5080 A5145 A5180	Dispenser, Paper Towel, SS, Surface Mounted Coat Hook, SS, Surface Mounted Track, Cubicle Curtain, Surface Mounted	1	\$67.00 \$15.00 \$7.00	\$67.00 \$15.00 \$70.00		
				C03F0	Cabinet, Base, 1 Shelf, 2 Half-Drawer, 2 Door, 36x30x22	1	\$1,024.00	\$1,024.00		
				C03P0	Cabinet, Sink, 2 Door, 30" W	1	\$915.00	\$915.00		
				CE030	Cabinet, Wall, 2 Shelf, Glass Doors, Sloping Top, 38x30x13	1	\$789.00	\$789.00		
				CS150	Sink, SS, Single Compartment, 10x19x16 ID	1	\$878.00	\$878.00		
				CT030	Countertop, High Pressure Laminate	5	\$70.00	\$350.00		
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	\$28.00	\$28.00	\$946.00	
Radiology	UCCL1	1	Utility Room, Clean	CD040	Cabinet, Metal, Wall, T-5B, 2 Shelf, 2 Doors, Sloping Top, 36x42x22	1	\$946.00	\$946.00	\$894.00	
Radiology	USCL1	1	Utility Room, Soiled	P-418 P-505	Lavatory, Vitreous China, with Sensor Faucet Sink, Service, Clinical Flushing rim, Wall Hung	1	\$298.00 \$596.00	\$298.00 \$596.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Radio	WRC01	1	Waiting Area		Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00	\$436.00	
Radio	SR1W1	NR	Waiting, Wheelchair and Stretcher	F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00		No Additional Schedule B Items
Service Organizations	SEC01	2	Office, Secretary	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$60.00	
Service Organizations	OFA02	6	Office, Service Organization Representative	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$180.00	
Service Organizations	SRS01	NR	Storage							No Additional Schedule B Items
Supply, Processing and Distribution (SPD)	OFA03	1	Dispatch Area	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00	\$99.00	
SPD: Clean	JANC1	1	Housekeeping Aids Closet (HAC)	F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00	\$1,934.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5135	Rack, Mop, T-10, Wall Mounted	1	\$211.00	\$211.00		
				CD045	Cabinet, SS, Wall, T-7, 2 Shelf, 2 Doors, Sloping Top, 36x48x12	1	\$1,242.00	\$1,242.00		
				P-502	Sink, Service, Corner, Floor Mounted	1	\$414.00	\$414.00		
SPD: Clean	CSIA2	1	Preparation Area		Cabinet, Floor Standing, 5 Shelf, 2 Glass Doors, 98x48x22	5	\$2,384.00	\$11,920.00	\$15,106.00	
				S9610	Station, Utility / Rack	1	\$3,186.00	\$3,186.00		No Additional Schedule B Items
SPD: Clean	ORSS1	NR	Storage, Bulk and Receiving							No Additional Schedule B Items
SPD: Clean	SRSE1	NR	Storage, Equipment and Testing Room							No Additional Schedule B Items
SPD: Clean	SRGC1	1	Storage, Ethylene Oxide Gas Cylinder						\$6,291.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				CS260	Sink, Epoxy Resin, 10x25x15 ID	1	\$594.00	\$594.00		
				CT060	Countertop, Modified Epoxy Resin	6	\$146.00	\$876.00		
				CW130	Cabinet, Floor Standing, 5 Shelf, 2 Glass Doors, 98x30x22	1	\$2,317.00	\$2,317.00		
				P1965	EyeWash, Eye/Face, Sink Mounted, Hands Free	1	\$356.00	\$356.00		
SPD: Clean	ORSS1	NR	Storage, Sterile / Nonsterile							No Additional Schedule B Items
SPD: Soiled	JANC1	1	Housekeeping Aids Closet (HAC)	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$1,795.00	
				A5135	Rack, Mop, T-10, Wall Mounted	1	\$211.00	\$211.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
SPD: Soiled				CD045	Cabinet, SS, Wall, T-7, 2 Shelf, 2 Doors, Sloping Top, 36x48x12	1	\$1,242.00	\$1,242.00		
				P-502	Sink, Service, Corner, Floor Mounted	1	\$275.00	\$275.00		
	TLTS1	1	Lockers, Toilet and Shower Facilities						\$2,323.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5030	Bench, Shower, Built-in	1	\$618.00	\$618.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5090	Disposal, Sanitary Napkin, SS, Surface Mounted	1	\$44.00	\$44.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5110	Grab Bar, SS, 1-1/2" Dia, Shower Use	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
			A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00			
			A5170	Rod, Shower curtain, 1" dia, w/curtain and hooks	1	\$48.00	\$48.00			
			A5175	Soap Dish, SS, Recessed	1	\$30.00	\$30.00			
			A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00			
			A5205	Bar, Towel, 1" dia, SS, Surface Mounted	1	\$40.00	\$40.00			
			P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00			
			P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00			
			P-703	Shower, Single, Hand Held	1	\$344.00	\$344.00			
CWSH1	1	Manual Equipment Wash			1	\$3,707.00	\$3,707.00		\$3,707.00	
CSDE2	1	Receiving and Decontamination Area						\$15,649.00		
				A1195	Counter, Cleanup, SS, with 2 or 3 sinks	1	\$11,800.00	\$11,800.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				P-505	Sink, Service, Clinical Flushing rim, Wall Hung	1	\$596.00	\$596.00		
				S9610	Station, Utility / Rack	1	\$3,186.00	\$3,186.00		
Surgery									\$480.00	
Surgery-Ambulatory Surgery	OFD03	16	Office	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Surgery-Ambulatory Surgery	OFA03	4	Office, Clerical	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
Surgery-Ambulatory Surgery	LR002	1	Changing Room, Patient	A1066	Mirror, SS Framed, 20x48	1	\$95.00	\$95.00		
				A5021	Bench, Dressing, Wall Mounted	1	\$211.00	\$211.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Surgery-Ambulatory Surgery	ORCS1	1	Cystoscopic Room		Column, Service, Prefab, Surgical, Ceiling Mounted	1	\$13,282.00	\$13,282.00		
								\$44,681.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A1130	Cabinet, Control, Nitrogen	1	\$954.00	\$954.00		
				A4015	Clock, Elapsed Time, Electric	1	\$357.00	\$357.00		
					Cabinet, Floor Standing, 5 Shelf, 2					
				CW199	Glass Doors, Sloping Top, 48x84x22	1	\$2,384.00	\$2,384.00		
				M7490	Light, Surgical, Ceiling Mounted, Dual unequal dia Heads	1	\$26,177.00	\$26,177.00		
				X3150	Rack, Apron / Gloves, Wall Mounted	1	\$171.00	\$171.00		
				X4000	Illuminator, 4 Panel, Recessed	1	\$1,356.00	\$1,356.00		
									\$2,920.00	
Surgery-Ambulatory Surgery	XDCY1	1	Cystoscopy: External Radiographic Control Room							
				C0044	Frame, Apron, 1 Drawer, 4x30x22	1	\$300.00	\$300.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				CT030	Countertop, High Pressure Laminate	6	\$70.00	\$420.00		
				F3060	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
				X3150	Rack, Apron / Gloves, Wall Mounted	1	\$171.00	\$171.00		
				X3900	Illuminator, Film, Double, Recessed	1	\$550.00	\$550.00		
									\$1,934.00	
Surgery-Ambulatory Surgery	JANC1	1	Housekeeping Aids Closet (HAC)							
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5135	Rack, Mop, T-10, Wall Mounted	1	\$211.00	\$211.00		
				CD045	Cabinet, SS, Wall, T-7, 2 Shelf, 2 Doors, Sloping Top, 36x48x12	1	\$1,242.00	\$1,242.00		
				P-502	Sink, Service, Corner, Floor Mounted	1	\$414.00	\$414.00		
									\$4,863.00	
Surgery-Ambulatory Surgery	OREC1	1	Cystoscopy: Instrument Preparation and Storage Room							
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C02C0	Cabinet, Base, 1 Shelf, 1 Drawer, 1 Door, 36x24x22	1	\$898.00	\$898.00		
				C05P0	Cabinet, Sink, 2 Door, 36x48x22	1	\$1,052.00	\$1,052.00		
				CS200	Sink, SS, Single Compartment, 12x28x16 ID	1	\$1,228.00	\$1,228.00		
				CT039	Countertop, Solid Surface Material	7	\$146.00	\$1,022.00		
				P-505	Sink, Service, Clinical Flushing rim, Wall Hung	1	\$596.00	\$596.00		
				P6980	Sink, Scrub, SS, w/knee control	2	\$12,766.00	\$25,532.00		
Surgery-Ambulatory Surgery	ORSA1	1	Cystoscopy: Scrub-up area						\$25,532.00	
Surgery-Ambulatory Surgery	RRSS1	1	Lounge, Postoperative Recovery						\$11,723.00	
				A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A1107	Rail System, Utility, Gas and Electric	1	\$7,421.00	\$7,421.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A1165	Track, IV, Ceiling Mounted, 2x 7 foot	14	\$56.00	\$784.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	22	\$7.00	\$154.00		
				M7405	Light, Exam, Ceiling Mounted	1	\$2,348.00	\$2,348.00		
				M7425	Light, Overbed, Direct and Indirect	1	\$561.00	\$561.00		
				P-414	Lavatory, Vitreous China, with Wrist Blade Faucet	1	\$298.00	\$298.00		
Surgery-Ambulatory Surgery	NSTA1	1	Nurse Station						\$7,911.00	
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				C09F0	Cabinet, Under Counter, 2 Half-Drawer, 2 Door, 30" W	1	\$1,175.00	\$1,175.00		
				C09G0	Cabinet, Under Counter, 1 Shelf, 2 Door, 30x36x22	1	\$930.00	\$930.00		
				CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	1	\$1,291.00	\$1,291.00		
				CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00		
				CT030	Countertop, High Pressure Laminate	14	\$70.00	\$980.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
Surgery-Ambulatory Surgery	ANCW1	1	OR: Anesthesia, Workroom and Equip. Storage						\$16,051.00	
				A1107	Rail System, Utility, Gas and Electric	1	\$7,421.00	\$7,421.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C04E0	Cabinet, Base, 1 Shelf, 1 Drawer, 2 Door, 36x36x22	1	\$1,207.00	\$1,207.00		
				C04J0	Cabinet, Base, 8 Half Drawer, 36x36x22	1	\$1,752.00	\$1,752.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				CS200	Sink, SS, Single Compartment, 12x28x16 ID	1	\$1,228.00	\$1,228.00		
				CT050	Countertop, SS, w/Integral Backsplash	6	\$531.00	\$3,186.00		
Surgery-Ambulatory Surgery	ORCW1	NR	OR: Clean Core-Staff Workroom							
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		No Additional Schedule B Items
Surgery-Ambulatory Surgery	NSTA4	1	Center						\$7,911.00	

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SOLICITATION FOR OFFERS

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				C09F0	Cabinet, Under Counter, 2 Half-Drawer, 2 Door, 30" W	1	\$1,175.00	\$1,175.00		
				C09G0	Cabinet, Under Counter, 1 Shelf, 2 Door, 30x36x22	1	\$930.00	\$930.00		
				CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	1	\$1,291.00	\$1,291.00		
				CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00		
				CT030	Countertop, High Pressure Laminate	14	\$70.00	\$980.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00	\$99.00	
	OFA03	1	OR: Cubicle, Dictation	A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
	ORGS1	2	OR: General Operating Room (OR)	A1120	Column, Service, Prefab, Surgical, Ceiling Mounted	2	\$13,282.00	\$26,564.00		
				A1130	Cabinet, Control, Nitrogen	1	\$954.00	\$954.00		
				A4015	Clock, Elapsed Time, Electric	1	\$357.00	\$357.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
				M7485	Light, Surgical, Ceiling Mounted, Dual equal dia Heads	1	\$25,626.00	\$25,626.00		
				M7490	Light, Surgical, Ceiling Mounted, Dual unequal dia Heads	1	\$26,177.00	\$26,177.00		
				X4000	Illuminator, 4 Panel, Recessed	1	\$1,356.00	\$1,356.00	\$24,198.00	
	ORPH2	3	OR: Holding Area, Patient	A1107	Rail System, Utility, Gas and Electric	1	\$7,421.00	\$7,421.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	12	\$7.00	\$84.00		
				M7425	Light, Overbed, Direct and Indirect	1	\$561.00	\$561.00		
	JANC1	2	OR: Housekeeping Aids Closet (HAC)	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$3,868.00	
				A5135	Rack, Mop, T-10, Wall Mounted	1	\$211.00	\$211.00		
				CD045	Cabinet, SS, Wall, T-7, 2 Shelf, 2 Doors, Sloping Top, 36x48x12	1	\$1,242.00	\$1,242.00		
				P-502	Sink, Service, Corner, Floor Mounted	1	\$414.00	\$414.00	\$2,756.00	
	LBBP1	1	OR: Laboratory, Frozen Section							

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				P1965	Eyewash, Eye/Face, Sink Mounted	1	\$356.00	\$356.00		
				P2450	Hands Free	1	\$2,035.00	\$2,035.00		
				P-414	Valve, Mixing, Thermostatic	1	\$298.00	\$298.00		
					Lavatory, Vitreous China, with Wrist Blade Faucet	1				
Surgery-Ambulatory Surgery	LR002	1	OR: Locker Room, Female Staff	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$797.00	
				A1080	Mirror, Posture, Wall Mounted	1	\$338.00	\$338.00		
				A5020	Bench, Locker, Floor Mounted	1	\$244.00	\$244.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00	\$797.00	
Surgery-Ambulatory Surgery	LR002	1	OR: Locker Room, Male Staff	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A1080	Mirror, Posture, Wall Mounted	1	\$338.00	\$338.00		
				A5020	Bench, Locker, Floor Mounted	1	\$244.00	\$244.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	10	\$7.00	\$70.00	\$4,274.00	
Surgery-Ambulatory Surgery	SL001	1	OR: Lounge, Nurses and other OR Staff	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				C04F0	Cabinet, Base, 1 Shelf, 2 Half	1	\$1,100.00	\$1,100.00		
				C04P0	Drawer, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				CS140	Sink, SS, Single Compartment, 10x14x16 ID	1	\$837.00	\$837.00		
				CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00		
				F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
Surgery-Ambulatory Surgery	SL001	1	OR: Lounge, Surgeons, Residents and Students	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$4,274.00	
				A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				C04F0	Cabinet, Base, 1 Shelf, 2 Half	1	\$1,100.00	\$1,100.00		
				C04P0	Drawer, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				CS140	Sink, SS, Single Compartment, 10x14x16 ID	1	\$837.00	\$837.00		
				CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00		
				F3010	Bulletin Board, 48" x 48"	1	\$84.00	\$84.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Surgery-Ambulatory Surgery	OFD03	1	OR: Office, Head Nurse	A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00	\$30.00	
Surgery-Ambulatory Surgery	ORSA1	1	OR: Scrub-up Area	P6980	Sink, Scrub, SS, 2 Bay, w/knee control	2	\$12,766.00	\$25,532.00	\$25,532.00	
Surgery-Ambulatory Surgery	USCL1	1	OR: Soiled Holding / Disposal Room	P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00	\$298.00	
Surgery-Ambulatory Surgery	SRGC1	1	OR: Storage, Gas Cylinder Room	P-505	Sink, Service, Clinical Flushing rim, Wall Hung	1	\$596.00	\$596.00	\$5,937.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$67.00	
				C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00	\$1,087.00	
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00	\$994.00	
				CA040	Cabinet, Wall, Open, 2 Shelf, Sloping Top, 36x38x13	1	\$646.00	\$646.00	\$646.00	
				CS260	Sink, Epoxy Resin, 10x25x15 ID	1	\$594.00	\$594.00	\$594.00	
				CT060	Countertop, Modified Epoxy Resin	6	\$146.00	\$876.00	\$876.00	
				CW130	Cabinet, Floor Standing, 5 Shelf, 2 Glass Doors, 98x30x22	1	\$2,317.00	\$2,317.00	\$2,317.00	
				P1965	Eyewash, Eye/Face, Sink Mounted, Hands Free	1	\$356.00	\$356.00	\$356.00	
Surgery-Ambulatory Surgery	UCCL1	1	OR: Storage, Clean and Sterile Supplies						\$946.00	
				CD040	Cabinet, Metal, Wall, T-5B, 2 Shelf, 2 Doors, Sloping Top, 36x42x22	1	\$946.00	\$946.00	\$946.00	
Surgery-Ambulatory Surgery	SRE01	NR	OR: Storage, Equipment and Apparatus	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00	\$67.00	
Surgery-Ambulatory Surgery	SRLW1	NR	OR: Storage, Gurney	C03P0	Cabinet, Sink, 2 Door, 30" W	1	\$915.00	\$915.00	\$915.00	
Surgery-Ambulatory Surgery	ORSR1	1	OR: Substerile Room	C04E0	Cabinet, Base, 1 Shelf, 1 Drawer, 2 Door, 36x36x22	1	\$1,207.00	\$1,207.00	\$1,207.00	
				CA020	Cabinet, Wall, Open, 2 Shelf, Sloping Top, 24x30x13	1	\$581.00	\$581.00	\$581.00	
				CS150	Sink, SS, Single Compartment, 10x19x16 ID	1	\$878.00	\$878.00	\$878.00	
				CT050	Countertop, SS, w/integral Backsplash	6	\$531.00	\$3,186.00	\$3,186.00	
				S0125	Sterilizer, Electric, Vacuum, 1 Door, Cabinet enclosed, 16x16x26 chamber	1	\$49,736.00	\$49,736.00	\$49,736.00	
Surgery-Ambulatory Surgery	TLTF2	1	OR: Toilet / Shower Room, Female Staff	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$75.00	
				A5030	Bench, Shower, Built-in	1	\$618.00	\$618.00	\$618.00	
									\$2,323.00	

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5090	Disposal, Sanitary Napkin, SS, Surface Mounted	1	\$44.00	\$44.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5110	Use	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5170	Rod, Shower curtain, 1" dia, w/curtain and hooks	1	\$48.00	\$48.00		
				A5175	Soap Dish, SS, Recessed	1	\$30.00	\$30.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				A5205	Bar, Towel, 1" dia, SS, Surface Mounted	1	\$40.00	\$40.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
				P-418	Sensor Faucet	1	\$298.00	\$298.00		
				P-703	Shower, Single, Hand Held	1	\$344.00	\$344.00		
									\$2,279.00	
Surgery-Ambulatory Surgery	TLTM2	1	OR: Toilet / Shower Room, Male Staff	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00		
				A5030	Bench, Shower, Built-in	1	\$618.00	\$618.00		
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5110	Use	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5170	Rod, Shower curtain, 1" dia, w/curtain and hooks	1	\$48.00	\$48.00		
				A5175	Soap Dish, SS, Recessed	1	\$30.00	\$30.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				A5205	Bar, Towel, 1" dia, SS, Surface Mounted	1	\$40.00	\$40.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-703	Shower, Single, Hand Held	1	\$344.00	\$344.00		
									\$7,673.00	
Surgery-Ambulatory Surgery	MEDP1	1	Postanesthesia Recovery (PAR): Medication Preparation Room	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				C04P0	Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00		
				C02D0	Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00		
				CT050	Countertop, SS, w/Integral Backsplash	6	\$531.00	\$3,186.00		
				CS090	Sink, SS, Single Compartment, Intergal w/ SS Top, 7.5x19x16 ID	1	\$912.00	\$912.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Surgery-Ambulatory Surgery	NSTA4	1	Postanesthesia Recovery (PAR): Nurse Station	CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00	\$7,911.00	
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				C09F0	Cabinet, Under Counter, 2 Half-Drawer, 2 Door, 30" W	1	\$1,175.00	\$1,175.00		
				C09G0	Cabinet, Under Counter, 1 Shelf, 2 Door, 30x36x22	1	\$930.00	\$930.00		
				CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	1	\$1,291.00	\$1,291.00		
				CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00		
				CT030	Countertop, High Pressure Laminate	14	\$70.00	\$980.00		
				F3060	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
Surgery-Ambulatory Surgery	RROP1	6	Postanesthesia Recovery (PAR): Recovery Bed	A1110	PBP-U, Headwall, Prefabricated Track, IV, Ceiling Mounted, 4x7 foot	1	\$5,054.00	\$5,054.00	\$43,692.00	
				A1165	Track, Cubicle Curtain, Surface Mounted	28	\$56.00	\$1,568.00		
				A5180	Coat Hook, SS, Surface Mounted	12	\$7.00	\$84.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				M7425	Light, Overbed, Direct and Indirect	1	\$561.00	\$561.00		No Additional Schedule B Items
Surgery-Ambulatory Surgery	SRS01	NR	Postanesthesia Recovery (PAR): Storage	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$1,024.00	
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00		
Surgery-Ambulatory Surgery	UCCL1	1	Postanesthesia Recovery (PAR): Utility Room, Clean						\$946.00	

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
Surgery-Ambulatory Surgery	USCL1		Postanesthesia Recovery (PAR): Utility Room, Soiled	CD040	Cabinet, Metal, Wall, T-5B, 2 Shelf, 2 Doors, Sloping Top, 36x42x22	1	\$946.00	\$946.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00	\$0.00	
				P-505	Sink, Service, Clinical Flushing rim, Wall Hung	1	\$596.00	\$596.00	\$2,812.00	
Surgery-Ambulatory Surgery	RECP1	1	Reception	C0038	Rail, Apron, 4x42x1	1	\$116.00	\$116.00		
				C0039	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				CT030	Countertop, High Pressure Laminate	10	\$70.00	\$700.00		
Surgery-Ambulatory Surgery	RCA01	NR	Storage, Crash Cart	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00	\$2,048.00	No Additional Schedule B Items
Surgery-Ambulatory Surgery	TLTU1	2	Toilet, Patient	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5109	Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5165	Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00		
				A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00		
				P-418	Lavatory, Vitreous China, with Sensor Faucet	1	\$298.00	\$298.00		
				P-103	Toilet, Wall Hung, w/seat	1	\$265.00	\$265.00	\$436.00	
Surgery-Ambulatory Surgery	WRF01	1	Waiting, Patient / Family	A5210	Bracket, Television, Wall Mounted, Adjustable Arm	1	\$296.00	\$296.00		
				F2310	Rack, Pamphlet, Wall Mounted	1	\$140.00	\$140.00	\$336.00	
Surgery-Minor Surgery	DR001	1	Changing Room, Patient	A1066	Mirror, SS Framed, 20x48	1	\$95.00	\$95.00		
				A5021	Bench, Dressing, Wall Mounted	1	\$211.00	\$211.00		
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Surgery-Minor Surgery	NSTA1	1	Control and Communication Center	C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00	\$7,911.00	
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				C09F0	Cabinet, Under Counter, 2 Half- Drawer, 2 Door, 30" W	1	\$1,175.00	\$1,175.00		

OUTPATIENT CLINIC
[INSERT LOCATION OF FACILITY]

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List										
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes
				A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00		
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	22	\$7.00	\$154.00		
				M7405	Light, Exam, Ceiling Mounted	1	\$2,348.00	\$2,348.00		
				M7425	Light, Overbed, Direct and Indirect	1	\$561.00	\$561.00		
				P-414	Lavatory, Vitreous China, with Wrist Blade Faucet	1	\$298.00	\$298.00		
Surgery-Minor Surgery	TRGS1	2	Minor Procedure / Operating Room (OR)						\$9,482.00	
				A5145	Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00		
				A5180	Track, Cubicle Curtain, Surface Mounted	14	\$7.00	\$98.00		
				C03F0	Cabinet, Base, 1 Shelf, 2 Half-Drawer, 2 Door, 36x30x22	1	\$1,024.00	\$1,024.00		
				C03P0	Cabinet, Sink, 2 Door, 30" W	1	\$915.00	\$915.00		
				CE030	Cabinet, Wall, 2 Shelf, Glass Doors, Sloping Top, 38x30x13	1	\$789.00	\$789.00		
				CS150	Sink, SS, Single Compartment, 10x19x16 ID	1	\$878.00	\$878.00		
				CT039	Countertop, Solid Surface Material	7	\$146.00	\$1,022.00		
Surgery-Minor Surgery	NSTA1	1	Nurse Station						\$7,911.00	
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		
				C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00		
				C06M0	Cabinet, Under Counter, Pull-out Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00		
				C09F0	Cabinet, Under Counter, 2 Half-Drawer, 2 Door, 30" W	1	\$1,175.00	\$1,175.00		
				C09G0	Cabinet, Under Counter, 1 Shelf, 2 Door, 30x36x22	1	\$930.00	\$930.00		
				CG040	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x36x13	1	\$1,291.00	\$1,291.00		
				CG050	Cabinet, Wall, 2 Shelf, Sliding Glass Door, Sloping Top, 38x48x13	1	\$1,427.00	\$1,427.00		
				CT030	Countertop, High Pressure Laminate	14	\$70.00	\$980.00		
				F3050	Whiteboard, Dry Erase	1	\$196.00	\$196.00		
Surgery-Minor Surgery	OFA02	1	Office, Head Nurse						\$30.00	
				A5145	Coat Hook, SS, Surface Mounted	2	\$15.00	\$30.00		
Surgery-Minor Surgery	RECP1	1	Reception						\$2,812.00	
				C0038	Rail, Apron, 4x42x1	1	\$116.00	\$116.00		
				C0039	Rail, Apron, 4x48x1	1	\$84.00	\$84.00		
				C0045	Frame, Apron, 1 Drawer, 4x36x22	1	\$420.00	\$420.00		

SCHEDULE B--SPECIAL REQUIREMENTS: Functional Room List													
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Description	Qty	Unit Cost	Extension	Subtotal	Notes			
Surgery-Minor Surgery	ORSA1	1	Scrub Room / Sterilizer Area	C0046	Frame, Apron, 2 Drawer, 4x48x22	1	\$629.00	\$629.00					
					Cabinet, Under Counter, Pull-out								
					Board, 2 Drawer, 1 File Drawer, 30x18x22	1	\$863.00	\$863.00					
					Countertop, High Pressure								
					Laminate	10	\$70.00	\$700.00					
											\$25,532.00		
					P6980	2	\$12,766.00	\$25,532.00					
												\$894.00	
					P-418	1	\$298.00	\$298.00					
					P-505	1	\$596.00	\$596.00					
Surgery-Minor Surgery	SRGC1	1	Storage, Gas Cylinder Room		Sink, Scrub, SS, 2 Bay, w/knee control								
					Lavatory, Vitreous China, with Sensor Faucet								
					Sink, Service, Clinical Flushing rim, Wall Hung	1	\$596.00	\$596.00					
					A5080	1	\$67.00	\$67.00					
					C02D0	1	\$1,087.00	\$1,087.00					
					C04P0	1	\$994.00	\$994.00					
					CA040	1	\$646.00	\$646.00					
					CS260	1	\$594.00	\$594.00					
					CT060	6	\$146.00	\$876.00					
Surgery-Minor Surgery	UCCL1	1	Storage, Clean And Sterile Supplies		Dispenser, Paper Towel, SS, Surface Mounted								
					Cabinet, Base, 4 Drawer, 36x24x22	1	\$1,087.00	\$1,087.00					
					Cabinet, Sink, 2 Door, 36x36x22	1	\$994.00	\$994.00					
					Cabinet, Wall, Open, 2 Shelf, Sloping Top, 36x38x13	1	\$646.00	\$646.00					
					Sink, Epoxy Resin, 10x25x15 ID	1	\$594.00	\$594.00					
					Countertop, Modified Epoxy Resin								
					Cabinet, Floor Standing, 5 Shelf, 2								
					CW130	1	\$2,317.00	\$2,317.00					
					P1965	1	\$356.00	\$356.00					
												\$946.00	
Surgery-Minor Surgery	RCA01	NR	Storage, Crash Cart		Cabinet, Metal, Wall, T-5B, 2 Shelf, 2 Doors, Sloping Top, 36x42x22	1	\$946.00	\$946.00					
Surgery-Minor Surgery	TLTU1	4	Toilet	A1066	Mirror, SS Framed, 24x36	1	\$75.00	\$75.00					
					Dispenser, Paper Towel, SS, Surface Mounted	1	\$67.00	\$67.00					
					Grab Bars, SS, 1-1/2" Dia	AR	\$175.00	\$175.00					
					Coat Hook, SS, Surface Mounted	1	\$15.00	\$15.00					
					Shelf T-45, SS, 12" w x 5" d	1	\$55.00	\$55.00					
					Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	\$74.00	\$74.00					
					P-418	1	\$298.00	\$298.00					
					P-103	1	\$265.00	\$265.00					
												\$4,096.00	
Surgery-Minor Surgery	WRF01	1	Waiting, Patient and Family										
									\$436.00				

PART III: SCHEDULE B--SPECIAL REQUIREMENTS (cont.)

SECTION 5--SUMMARY PRICE SHEET

		Qty	Unit	Unit Cost	Cost	Total
SPECIAL ITEMS FOR THE ENTIRE CLINIC						
Public Address System						
	Central Equipment	1	ls	\$1.00	\$1.00	
	Speakers	115	ea	\$1.00	\$115.00	\$116.00
Audio Visual, Nurse Call and Code One (Blue) System						
	Central Equipment	1	ls	\$1.00	\$1.00	
	Master Station	5	ea	\$1.00	\$5.00	
	Emergency Call Stations	115	ea	\$1.00	\$115.00	\$121.00
Master Antenna Television (Broadband) System						
	Central Equipment	1	ls	\$1.00	\$1.00	
	Outlets	115	ea	\$1.00	\$115.00	\$116.00
Motion Intrusion Detector (MID)						
	Central Equipment	1	ls	\$1.00	\$1.00	
	Annunciation Panels	6	ea	\$1.00	\$6.00	
	Detectors	62	ea	\$1.00	\$62.00	\$69.00
Security Emergency Call / Duress Alarm System (Panic Button)						
	Central Equipment	1	ls	\$1.00	\$1.00	
	Annunciation Panels	2	ea	\$1.00	\$2.00	
	Panic Buttons	250	ea	\$1.00	\$250.00	\$253.00
CCTV Monitoring						
	Central Equipment	1	ls	\$1.00	\$1.00	
	Monitoring Stations	1	ea	\$1.00	\$1.00	
	Cameras	15	ea	\$1.00	\$15.00	\$17.00
Intercommunication System						
	Central Equipment	1	ls	\$1.00	\$1.00	
	Master Station	6	ea	\$1.00	\$6.00	
	Staff Stations	34	ea	\$1.00	\$34.00	\$41.00
Video Conferencing System (VTEL)						
	Central Equipment	1	ls	\$1.00	\$1.00	
	Outlets	4	ea	\$1.00	\$4.00	\$5.00
VA Satellite TV System						
	Installation of VA Furnished Satellite Dish and Head-end Equipment	1	ls	\$1.00	\$1.00	
	Outlets	2	ea	\$1.00	\$2.00	\$3.00
Electronic Access Control System						
	Central equipment, annunciator panel, programming, 500 cards	1	ls	\$1.00	\$1.00	
	Access control hardware and card reader	8	opening	\$1.00	\$8.00	
	Cards	1	per 100	\$1.00	\$1.00	\$10.00
SUBTOTAL SPECIAL ITEMS FOR THE ENTIRE CLINIC						\$751.00

PART III: SCHEDULE B--SPECIAL REQUIREMENTS (cont.)

SECTION 5--SUMMARY PRICE SHEET

	Qty	Unit	Unit Cost	Cost	Total
FUNCTIONAL ROOM LISTINGS					
Acquisition and Materiel Management Services (AMMS)					\$14,444.00
Ambulatory Care					
Healthcare Administration (HAS)				\$6,922.00	
Urgent Care (UC)				\$96,003.00	
Exam Treatment Modules (ETM)				\$149,164.00	
Gastroenterology (GI)				\$7,301.00	
Dermatology (Derm)				\$16,174.00	
Nutrition (Dietetics)				\$2,621.00	
Oncology (ONC)				\$30,598.00	
Women's Health / GYN				\$1,689.00	
Orthopedics (Ortho)				\$12,354.00	
Clinic Based Home Care (CBHC)				\$477.00	
Patient Education (Pat EDU)				\$5,062.00	
SUBTOTAL OF AMBULATORY CARE					\$328,365.00
Audiology and Speech Pathology					\$138,548.00
Canteen					\$6,681.00
Cardiovascular Laboratories-Cardiology Clinic					\$1,716.00
Clinic Management Suite					\$5,917.00
Dental Service					\$291,505.00
Education Facilities					\$3,521.00
EEG Laboratory					\$1,576.00
Endoscopy Suite-Digestive Diseases Program					\$59,591.00
Engineering Service					\$10,795.00
Environmental Management Service					\$14,894.00
Eye Clinic					\$9,752.00
Healthcare Administration Service (HAS)					\$707.00
Lobby					\$5,996.00
Lockers, Toilets and Showers					\$15,639.00
Mental Health Clinic					
Administration				\$7,144.00	
Day Treatment Center				\$1,936.00	
Mental Health Clinic				\$2,387.00	
Methadone Maintenance Program				\$9,528.00	
Occupational Therapy				\$7,281.00	
Substance Abuse Clinic				\$240.00	
SUBTOTAL OF MENTAL HEALTH CLINIC					\$28,516.00
Pathology and Laboratory Medicine					\$117,252.00
Pharmacy Service					\$52,697.00
Physical Medicine and Rehabilitation Service					\$8,611.00
Police and Security Service					\$30.00
Prosthetics and Sensory Aids Service					\$2,932.00
Pulmonary Medicine					\$1,340.00
Radiology Service					\$24,389.00
Service Organizations					\$240.00
Supply, Processing and Distribution (SPD)					\$46,904.00
Surgery Service					
Ambulatory Surgery				\$490,314.00	
Minor Surgery				\$91,005.00	
SUBTOTAL OF SURGERY SERVICE					\$581,319.00
Voluntary Service					\$4,842.00
SUBTOTAL FUNCTIONAL ROOM LISTINGS					\$1,778,719.00
TOTAL ALL SCHEDULE B ITEMS					\$1,779,470.00
OVERHEAD				10 percent	\$177,947.00
PROFIT				10 percent	\$195,741.70
TOTAL PRICE FOR SCHEDULE B--SPECIAL REQUIREMENTS					\$2,153,158.70

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PART IV

SCHEDULE C – UNIT COSTS & PRICES

PART IV: SCHEDULE C – UNIT COSTS & PRICES

Schedule C consists of the following two sections:

SECTION 1: EXHIBIT A--UNIT COSTS FOR ADJUSTMENTS (TO BE USED DURING CONSTRUCTION PERIOD)

Described in Paragraph 3.2 of Part 1 Basic Solicitation Requirements.

SECTION 2: EXHIBIT B--UNIT PRICE (ADDITIONAL TENANT IMPROVEMENT RATES – FIRST YEAR--\$100,000 OR LESS)

Described in Paragraph 3.3 of Part 1 Basic Solicitation Requirements.

SCHEDULE C
DEPARTMENT OF VETERANS AFFAIRS

EXHIBIT A: UNIT COST FOR ADJUSTMENTS DURING CONSTRUCTION PERIOD

Item	Description	Unit of Measure	Total Quantity Included in Proposed Rate	Cost of Materials	Number of Labor Hours	Cost Labor Hour	Total Price for Labor & Materials
Solid Core Wood Doors in Hollow Metal Frames							
1	Door and frame, interior, Size S: 3'-0" x 7'-0"	each					\$0.00
2	Door and frame, Half Glass Type 3, Size S: 3'-0" x 7'-0"	each					\$0.00
3	Door and frame, interior, Size T: 3'-4" x 7'-0"	each					\$0.00
4	Door and frame, interior, Size U: 3'-6" x 7'-0"	each					\$0.00
5	Door and frame, Half Glass Type 3, Size U: 3'-6" x 7'-0"	each					\$0.00
6	Door and frame, interior, Size V: 3'-8" x 7'-0"	each					\$0.00
7	Door and frame, Half Glass Type 3, Size V: 3'-8" x 7'-0"	each					\$0.00
8	Door and frame, interior, Size W: 3'-10" x 7'-0"	each					\$0.00
9	Door and frame, interior, Size X: 4'-0" x 7'-0"	each					\$0.00
10	Doors and frame, double, each leaf Size Q: 2'-6" x 7'-0"	pair					\$0.00
11	Doors and frame, double, each leaf Size S: 3'-0" x 7'-0"	pair					\$0.00
12	Doors and frame, double, each leaf Size T: 3'-4" x 7'-0"	pair					\$0.00
13	Doors and frame, double, each leaf Size U: 3'-6" x 7'-0"	pair					\$0.00
14	Doors and frame, double, each leaf Size V: 3'-8" x 7'-0"	pair					\$0.00
15	Door and frame, C Label, Size S: 3'-0" x 7'-0"	each					\$0.00
16	Door and frame, C Label, Size T: 3'-4" x 7'-0"	each					\$0.00
17	Door and frame, C Label, Size U: 3'-6" x 7'-0"	each					\$0.00
18	Door and frame, C Label, Size V: 3'-8" x 7'-0"	each					\$0.00
19	Doors and frame, double, C Label, each leaf Size S: 3'-0" x 7'-0"	pair					\$0.00
20	Doors and frame, double, C Label, each leaf Size U: 3'-6" x 7'-0"	pair					\$0.00
21	Doors and frame, double, C Label, each leaf Size V: 3'-8" x 7'-0"	pair					\$0.00
22	Door and frame, Lead Lined, Size S: 3'-0" x 7'-0"	each					\$0.00
23	Door and frame, Lead Lined, Size T: 3'-4" x 7'-0"	each					\$0.00
24	Door and frame, Lead Lined, Size V: 3'-8" x 7'-0"	each					\$0.00
25	Door and frame, Lead Lined, Size X: 4'-0" x 7'-0"	each					\$0.00
26	Doors and frame, Lead Lined, each leaf Size Q: 2'-6" x 7'-0"	pair					\$0.00
27	Door and frame, Sound Rated Type 19, Size V: 3'-8" x 7'-0"						
Hollow Metal Doors in Hollow Metal Frames							
28	Hollow Metal Door and frame, interior, Size T: 3'-4" x 7'-0"	each					\$0.00
29	Hollow Metal Door and frame, Detention Type 22, Size T: 3'-4" x 7'-0"	each					\$0.00
30	Hollow Metal Door and frame, Louvered Type 26, Size U: 3'-6" x 7'-0"	each					\$0.00
31	Hollow Metal Door and frame, Louvered Type 26, Size V: 3'-8" x 7'-0"	each					\$0.00
32	Hollow Metal Doors and frame, double, each leaf Size S: 3'-0" x 7'-0"	pair					\$0.00
33	Hollow Metal Doors and frame, double, each leaf Size U: 3'-6" x 7'-0"	pair					\$0.00
34	Hollow Metal Door and frame, C Label, Size W: 3'-10" x 7'-0"	each					\$0.00
35	Hollow Metal Doors and frame, double, C Label, each leaf Size U: 3'-6" x 7'-0"	pair					\$0.00
36	Hollow metal Door and frame, B Label 90 min, Size X: 4'-0" x 7'-0"	each					\$0.00
Security and Vault Doors							
37	Door and frame, Vault Type 30, Size U: 3'-6" x 7'-0"	each					\$0.00
38	Door and frame, Security Type 36, Size S: 3'-0" x 7'-0"	each					\$0.00
39	Door and frame, Security Type 36, Size T: 3'-4" x 7'-0"	each					\$0.00
Door Hardware and Accessories							
40	Hardware, Door, HW1	set					\$0.00
41	Hardware, Door, HW4	set					\$0.00
42	Hardware, Door, HW6	set					\$0.00
43	Hardware, Door, HW10	set					\$0.00
44	Hardware, Door, HW12	set					\$0.00
45	Hardware, Door, HW13	set					\$0.00
46	Hardware, Door, HW14	set					\$0.00
47	Hardware, Door, HW18	set					\$0.00
48	Hardware, Door, HW23	set					\$0.00

SCHEDULE C
DEPARTMENT OF VETERANS AFFAIRS

EXHIBIT A: UNIT COST FOR ADJUSTMENTS DURING CONSTRUCTION PERIOD

Item	Description	Unit of Measure	Total Quantity Included in Proposed Rate	Cost of Materials	Number of Labor Hours	Cost Labor Hour	Total Price for Labor & Materials
49	Hardware, Door, HW25	set					\$0.00
50	Hardware, Door, HW29	set					\$0.00
51	Hardware, Door, HW40	set					\$0.00
52	Hardware, Door, HW42	set					\$0.00
53	Hardware, Door, HW43	set					\$0.00
54	Hardware, Door, HW45	set					\$0.00
55	Hardware, Door, HW62	set					\$0.00
56	Hardware, Door, HW67	set					\$0.00
57	Hardware, Door, HW68	set					\$0.00
58	Hardware, Door, HW69	set					\$0.00
59	Hardware, Door, HW79	set					\$0.00
60	Hardware, Door, HW81	set					\$0.00
61	Hardware, Door, HW82	set					\$0.00
62	Hardware, Door, HW104	set					\$0.00
63	Hardware, Door, HW106	set					\$0.00
64	Hardware, Door, HW108	set					\$0.00
65	Hardware, Door, HW109	set					\$0.00
66	Hardware, Door, HW112	set					\$0.00
67	Hardware, Door, HW120	set					\$0.00
68	Hardware, Door, HW121	set					\$0.00
69	Hardware, Door, HW124	set					\$0.00
70	Hardware, Door, HW126	set					\$0.00
71	Hardware, Door, HW129	set					\$0.00
72	Hardware, Door, HW157	set					\$0.00
73	Hardware, Door, HW161	set					\$0.00
74	Door Modification "M", mechanical seal for sound or light	set					\$0.00
75	Door Modification "L", Louvers (insert size as required)	set					\$0.00
76	Vision panel "A", security, 10" x 10" Laminated Glass	each					\$0.00
77	Vision panel "F", door, 4" x 25" Fire Resistant Glass w/out Wire Mesh	each					\$0.00
78	Vision panel "V", door, 8" x 10" Lead Glass	each					\$0.00
79	Vision panel "T", door, 4" x 25" Tempered Glass	each					\$0.00
Partitions							
80	Partitioning, office subdividing, fixed, fully-finished, ceiling-high	linear foot					\$0.00
81	Sound-conditioning for ceiling-high, subdividing partitioning above	linear foot					\$0.00
82	Office subdividing, full-height, finished floor to underslab (additional cost over ceiling-height)	linear foot					\$0.00
83	Subdividing, 1-hour Fire resistance Rated, finished floor to underslab	linear foot					\$0.00
Interior Finishes							
84	AT- Acoustical Ceiling, Tile	square foot					\$0.00
85	AT(SP) Acoustical Ceiling with Sprayed Plastic Finish	square foot					\$0.00
86	AT(TG)- Acoustical Ceiling with Tegular (reveal) Edge	square foot					\$0.00
87	GWB Lay-in Panels in Ceiling Grid	square foot					\$0.00
88	AWP- Acoustical Wall Panel	square foot					\$0.00
89	CP- Carpet, without Cushion Broadloom	square yard					\$0.00
90	CPT- Carpet Tile	square yard					\$0.00
91	CT- Ceramic Tile, Wall	square foot					\$0.00
92	CT-Ceramic Tile, Floor	square foot					\$0.00
93	QT- Quarry Tile	square foot					\$0.00
94	P- Paint, Interior Alkyd	square foot					\$0.00
95	P- Paint, Interior Latex	square foot					\$0.00
96	EPY- Epoxy Coatings	square foot					\$0.00
97	SC- High-Build Glazed Coating (Special Coating)	square foot					\$0.00
98	RB- Resilient Base	linear foot					\$0.00
99	RF- Raised Rubber Flooring	square foot					\$0.00
100	RSL- Resilient Sheet Flooring	square foot					\$0.00
101	WSL- Welded seam sheet flooring	square foot					\$0.00
102	W- Wallcovering, Vinyl Coated Fabric	square yard					\$0.00
103	W- Wallcovering, Vinyl Coated Fabric	square yard					\$0.00
104	WB- Wall Border, Vinyl Coated Paper, 10"	linear foot					\$0.00

SCHEDULE C
DEPARTMENT OF VETERANS AFFAIRS

EXHIBIT A: UNIT COST FOR ADJUSTMENTS DURING CONSTRUCTION PERIOD

Item	Description	Unit of Measure	Total Quantity Included in Proposed Rate	Cost of Materials	Number of Labor Hours	Cost Labor Hour	Total Price for Labor & Materials
Specialties							
105	Wallcovering, PVC, Protective (WP)	square yard					\$0.00
106	Armor plate, door, 35" h x 28.5"	each					\$0.00
107	Armor plate, door, 35" h x 34.5"	each					\$0.00
108	Armor plate, door, 35" h x 40.5"	each					\$0.00
109	Armor plate, door, 35" h x 46.5"	each					\$0.00
110	Chairrail	each					\$0.00
111	Handrail	linear foot					\$0.00
112	Corner Guard, flush, bullnose, 3" wing X 8' H	linear foot					\$0.00
113	Track, Curtain, Cubicle, Ceiling Type, Surface Mounted.	linear foot					\$0.00
114	Door, accordion, 3'-0" x 7'-0"	each					\$0.00
115	Door, accordion, bi-parting, 30'-0" x 10'-0"	each					\$0.00
116	Signs, directional	each					\$0.00
117	Signs, room identification	each					\$0.00
Furnishings							
118	Blinds, Window	per window					\$0.00
119	Computer Keyboard Tray (Radiology - Keyboard Nominal Size 8" X 24")	each					\$0.00
120	Computer Keyboard Trays (Key Board Nominal Size 7" X 18.5")	each					\$0.00
Electrical							
121	Receptacle, 208V, 40 Amp, wall-mounted	each					\$0.00
122	Receptacle, duplex, dedicated, wall-mounted	each					\$0.00
123	Receptacle, duplex, floor-mounted	each					\$0.00
124	Receptacle, duplex, wall-mounted	each					\$0.00
125	Receptacle, GFI, duplex, wall-mounted	each					\$0.00
126	Receptacle, quadraplex (double duplex), wall-mounted	each					\$0.00
127	Outlet, telephone/data, wall-mounted	each					\$0.00
TOTAL EXHIBIT A--UNIT COSTS FOR ADJUSTMENT DURING CONSTRUCTION PERIOD							\$0.00

NOTE: These prices will be submitted as a part of the initial offer and negotiated during the course of the solicitation period. After prices have been mutually agreed to by the offeror and Contracting Officer or designee, these prices will not be subject to change at the time of Best and Final Offers.

Note 1: The above quantities are estimates based on gross square footage.
Note 2: Prices quoted shall be fully installed and finished.

Offeror Date

Contracting Officer (or designee) Date

SCHEDULE C
DEPARTMENT OF VETERANS AFFAIRS

EXHIBIT B: UNIT PRICES -- ADDITIONAL FIRST YEAR--TENANT IMPROVEMENTS

Item	Description	Unit of Measurement	Cost of Material	Number of Labor Hours	Cost/ Labor Hour	Total Price for Labor & Materials
Solid Core Wood Doors in Hollow Metal Frames						
1	Door and frame, interior, Size S: 3'-0" x 7'-0"	each				\$0.00
2	Door and frame, Half Glass Type 3, Size S: 3'-0" x 7'-0"	each				\$0.00
3	Door and frame, interior, Size T: 3'-4" x 7'-0"	each				\$0.00
4	Door and frame, interior, Size U: 3'-6" x 7'-0"	each				\$0.00
5	Door and frame, Half Glass Type 3, Size U: 3'-6" x 7'-0"	each				\$0.00
6	Door and frame, interior, Size V: 3'-8" x 7'-0"	each				\$0.00
7	Door and frame, Half Glass Type 3, Size V: 3'-8" x 7'-0"	each				\$0.00
8	Door and frame, interior, Size W: 3'-10" x 7'-0"	each				\$0.00
9	Door and frame, interior, Size X: 4'-0" x 7'-0"	each				\$0.00
10	Doors and frame, double, each leaf Size Q: 2'-6" x 7'-0"	pair				\$0.00
11	Doors and frame, double, each leaf Size S: 3'-0" x 7'-0"	pair				\$0.00
12	Doors and frame, double, each leaf Size T: 3'-4" x 7'-0"	pair				\$0.00
13	Doors and frame, double, each leaf Size U: 3'-6" x 7'-0"	pair				\$0.00
14	Doors and frame, double, each leaf Size V: 3'-8" x 7'-0"	pair				\$0.00
15	Door and frame, C Label, Size S: 3'-0" x 7'-0"	each				\$0.00
16	Door and frame, C Label, Size T: 3'-4" x 7'-0"	each				\$0.00
17	Door and frame, C Label, Size U: 3'-6" x 7'-0"	each				\$0.00
18	Door and frame, C Label, Size V: 3'-8" x 7'-0"	each				\$0.00
19	Doors and frame, double, C Label, each leaf Size S: 3'-0" x 7'-0"	pair				\$0.00
20	Doors and frame, double, C Label, each leaf Size U: 3'-6" x 7'-0"	pair				\$0.00
21	Doors and frame, double, C Label, each leaf Size V: 3'-8" x 7'-0"	pair				\$0.00
22	Door and frame, Lead Lined, Size S: 3'-0" x 7'-0"	each				\$0.00
23	Door and frame, Lead Lined, Size T: 3'-4" x 7'-0"	each				\$0.00
24	Door and frame, Lead Lined, Size V: 3'-8" x 7'-0"	each				\$0.00
25	Door and frame, Lead Lined, Size X: 4'-0" x 7'-0"	each				\$0.00
26	Doors and frame, Lead Lined, each leaf Size Q: 2'-6" x 7'-0"	pair				\$0.00
27	Door and frame, Sound Rated Type 19, Size V: 3'-8" x 7'-0"					\$0.00
Hollow Metal Doors in Hollow Metal Frames						
28	Hollow Metal Door and frame, interior, Size T: 3'-4" x 7'-0"	each				\$0.00
29	Hollow Metal Door and frame, Detention Type 22, Size T: 3'-4" x 7'-0"	each				\$0.00
30	Hollow Metal Door and frame, Louvered Type 26, Size U: 3'-6" x 7'-0"	each				\$0.00
31	Hollow Metal Door and frame, Louvered Type 26, Size V: 3'-8" x 7'-0"	each				\$0.00
32	Hollow Metal Doors and frame, double, each leaf Size S: 3'-0" x 7'-0"	pair				\$0.00
33	Hollow Metal Doors and frame, double, each leaf Size U: 3'-6" x 7'-0"	pair				\$0.00
34	Hollow Metal Door and frame, C Label, Size W: 3'-10" x 7'-0"	each				\$0.00
35	Hollow Metal Doors and frame, double, C Label, each leaf Size U: 3'-6" x 7'-0"	pair				\$0.00
36	Hollow metal Door and frame, B Label 90 min, Size X: 4'-0" x 7'-0"	each				\$0.00
Security and Vault Doors						
37	Door and frame, Vault Type 30, Size U: 3'-6" x 7'-0"	each				\$0.00
38	Door and frame, Security Type 36, Size S: 3'-0" x 7'-0"	each				\$0.00
39	Door and frame, Security Type 36, Size T: 3'-4" x 7'-0"	each				\$0.00
Door Hardware and Accessories						
40	Hardware, Door, HW1	set				\$0.00
41	Hardware, Door, HW4	set				\$0.00

SCHEDULE C
DEPARTMENT OF VETERANS AFFAIRS

EXHIBIT B: UNIT PRICES -- ADDITIONAL FIRST YEAR--TENANT IMPROVEMENTS

Item	Description	Unit of Measurement	Cost of Material	Number of Labor Hours	Cost/ Labor Hour	Total Price for Labor & Materials
42	Hardware, Door, HW6	set				\$0.00
43	Hardware, Door, HW10	set				\$0.00
44	Hardware, Door, HW12	set				\$0.00
45	Hardware, Door, HW13	set				\$0.00
46	Hardware, Door, HW14	set				\$0.00
47	Hardware, Door, HW18	set				\$0.00
48	Hardware, Door, HW23	set				\$0.00
49	Hardware, Door, HW25	set				\$0.00
50	Hardware, Door, HW29	set				\$0.00
51	Hardware, Door, HW40	set				\$0.00
52	Hardware, Door, HW42	set				\$0.00
53	Hardware, Door, HW43	set				\$0.00
54	Hardware, Door, HW45	set				\$0.00
55	Hardware, Door, HW62	set				\$0.00
56	Hardware, Door, HW67	set				\$0.00
57	Hardware, Door, HW68	set				\$0.00
58	Hardware, Door, HW69	set				\$0.00
59	Hardware, Door, HW79	set				\$0.00
60	Hardware, Door, HW81	set				\$0.00
61	Hardware, Door, HW82	set				\$0.00
62	Hardware, Door, HW104	set				\$0.00
63	Hardware, Door, HW106	set				\$0.00
64	Hardware, Door, HW108	set				\$0.00
65	Hardware, Door, HW109	set				\$0.00
66	Hardware, Door, HW112	set				\$0.00
67	Hardware, Door, HW120	set				\$0.00
68	Hardware, Door, HW121	set				\$0.00
69	Hardware, Door, HW124	set				\$0.00
70	Hardware, Door, HW126	set				\$0.00
71	Hardware, Door, HW129	set				\$0.00
72	Hardware, Door, HW157	set				\$0.00
73	Hardware, Door, HW161	set				\$0.00
74	Door Modification "M", mechanical seal for sound or light	set				\$0.00
75	Door Modification "L", Louvers (insert size as required)	set				\$0.00
76	Vision panel "A", security, 10" x 10" Laminated Glass	each				\$0.00
77	Vision panel "F", door, 4" x 25" Fire Resistant Glass w/out Wire Mesh	each				\$0.00
78	Vision panel "V", door, 8" x 10" Lead Glass	each				\$0.00
79	Vision panel "T", door, 4" x 25" Tempered Glass	each				\$0.00
Partitions						
80	Partitioning, office subdividing, fixed, fully-finished, ceiling-high	linear foot				\$0.00
81	Sound-conditioning for ceiling-high, subdividing partitioning above	linear foot				\$0.00
82	Office subdividing, full-height, finished floor to underslab (additional cost over ceiling-high partition)	linear foot				\$0.00
83	Subdividing, 1-hour Fire Resistance Rated, finished floor to underslab	linear foot				\$0.00
Interior Finishes						
84	AT- Acoustical Ceiling, Tile	square foot				\$0.00
85	AT(SP) Acoustical Ceiling with Sprayed Plastic Finish	square foot				\$0.00
86	AT(TG)- Acoustical Ceiling with Tegular (reveal) Edge	square foot				\$0.00
87	GWB Lay-in Panels in Ceiling Grid	square foot				\$0.00
88	AWP- Acoustical Wall Panel	square foot				\$0.00
89	CP- Carpet, without Cushion Broadloom	square yard				\$0.00
90	CPT- Carpet Tile	square yard				\$0.00
91	CT- Ceramic Tile, Wall	square foot				\$0.00
92	CT-Ceramic Tile, Floor	square foot				\$0.00
93	QT- Quarry Tile	square foot				\$0.00
94	P- Paint, Interior Alkyd	square foot				\$0.00

SCHEDULE C
DEPARTMENT OF VETERANS AFFAIRS

EXHIBIT B: UNIT PRICES -- ADDITIONAL FIRST YEAR--TENANT IMPROVEMENTS

Item	Description	Unit of Measurement	Cost of Material	Number of Labor Hours	Cost/ Labor Hour	Total Price for Labor & Materials
95	P- Paint, Interior Latex	square foot				\$0.00
96	EPY- Epoxy Coatings	square foot				\$0.00
97	SC- High-Build Glazed Coating (Special Coating)	square foot				\$0.00
98	RB- Resilient Base	linear foot				\$0.00
99	RF- Raised Rubber Flooring	square foot				\$0.00
100	RSL- Resilient Sheet Flooring	square foot				\$0.00
101	WSL- Welded seam sheet flooring	square foot				\$0.00
102	W- Wallcovering, Vinyl Coated Fabric	square yard				\$0.00
103	W- Wallcovering, Vinyl Coated Fabric	square yard				\$0.00
104	WB- Wall Border, Vinyl Coated Paper, 10"	linear foot				\$0.00
Specialties						
105	Wallcovering, PVC, Protective (WP)	square yard				\$0.00
106	Armor plate, door, 35" h x 28.5"	each				\$0.00
107	Armor plate, door, 35" h x 34.5"	each				\$0.00
108	Armor plate, door, 35" h x 40.5"	each				\$0.00
109	Armor plate, door, 35" h x 46.5"	each				\$0.00
110	Chair rail	each				\$0.00
111	Handrail	linear foot				\$0.00
112	Corner Guard, flush, bullnose, 3" wing x 8' H	linear foot				\$0.00
113	Track, Curtain, Cubicle, Ceiling Type, Surface Mounted.	linear foot				\$0.00
114	Door, accordion, 3'-0" x 7'-0"	each				\$0.00
115	Door, accordion, bi-parting, 30'-0" x 10'-0"	each				\$0.00
116	Signs, directional	each				\$0.00
117	Signs, room identification	each				\$0.00
Furnishings						
118	Blinds, Window	per window				\$0.00
119	Computer Keyboard Tray (Radiology - Keyboard Nominal Size 8" X 24")	each				\$0.00
120	Computer Keyboard Trays (Key Board Nominal Size 7" X 18.5")	each				\$0.00
Electrical						
121	Receptacle, 208V, 40 Amp, wall-mounted	each				\$0.00
122	Receptacle, duplex, dedicated, wall-mounted	each				\$0.00
123	Receptacle, duplex, floor-mounted	each				\$0.00
124	Receptacle, duplex, wall-mounted	each				\$0.00
125	Receptacle, GFI, duplex, wall-mounted	each				\$0.00
126	Receptacle, quadraplex (double duplex), wall-mounted	each				\$0.00
127	Outlet, telephone/data, wall-mounted	each				\$0.00
						\$0.00

These prices will be submitted as a part of the initial offer and negotiated during the course of the solicitation period. After prices have been mutually agreed to by the offeror and Contracting Officer or designee, these prices will not be subject to change at the time of Best and Final Offers.

Offeror Date

Contracting Officer (or designee) Date

PART V

SCHEDULE D – BID SUMMARY FORM

SCHEDULE D
DEPARTMENT OF VETERANS AFFAIRS

BID SUMMARY FORM

I. Site Improvement Costs

(Excludes the cost of the land and any items contained under IV.A. and IV.B. below.)

II. Shell Costs

III. Schedule C Costs

(Interior partitions, doors and hardware, finishes; and certain furnishings and electrical items. Refer to Schedule C, Exhibit A for requirements.)

Subtotal

IV. Specific Enhanced Federal Requirement Costs

A. Sustainable Design and Energy Efficiency

(Refer to Part I Section 4 General Design Criteria for requirements)

B. Physical Security (except systems in Schedule B)

(Refer to Part I Section 4 General Design Criteria for requirements)

Subtotal Specific Enhanced Federal Requirement Costs

V. Total Price for Schedule B

(Refer to Section 5, Summary Price Sheet in Schedule B)

VI. All Other Build-out Required by SFO

TOTAL PROJECT COST

PART VI

SCHEDULE E

PART VI: SCHEDULE E--ROOM FINISH, DOORS & HARDWARE

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SECTION 2 SCHEDULE E

PART VI SCHEDULE E--ROOM FINISH, DOORS & HARDWARE

SECTION 1 ROOM FINISH, DOOR AND HARDWARE SCHEDULE--GENERAL

Schedule E lists each type of space or room required in the outpatient clinic. The following information is listed for each space in the Schedule:

Department, Area and Function

Floor, Wall and Ceiling Finishes

Door Symbol and Hardware Set

If the Lessor believes that there are spaces or conditions not included in this Schedule, the question shall be referred to the Contracting Officer.

1.1 ROOM FINISHES, DOOR AND HARDWARE SCHEDULE

1.1.1 USE OF SCHEDULE E

THE REQUIREMENTS IN THIS SCHEDULE APPLY TO ALL SPACES TO BE OCCUPIED BY VA IN THE OUTPATIENT CLINIC. LESSOR SHALL PROVIDE MATERIALS, FINISHES, DOORS, FRAMES, AND HARDWARE IN ACCORDANCE WITH THIS SCHEDULE AND THE REQUIREMENTS SPECIFIED IN THIS SFO.

Lessor shall provide each space with door(s) of the type and size as listed in Schedule E with hardware as noted. Doors and hardware requirements are indicated by their respective door symbols and hardware set numbers in this Schedule. Additional requirements are defined in Paragraph 1.3, "Doors and Hardware".

The Lessor shall provide room finishes in each room in accordance with Schedule E. Finishes are shown in the schedule for the floor, base, wainscot, wall, and ceiling surfaces for each room or space. The following are abbreviations used for materials and codes throughout the room finishes, door, and hardware schedule. The Lessor shall coordinate abbreviations used in the construction documents prepared by the Lessor with the abbreviations and symbols used in this SFO.

ADO	Automatic Door Operator
AF	Access Flooring
AT	Acoustical Ceiling (Tile)
AT(SP)	Acoustical Ceiling (with Sprayed Plastic Finish)
AT(TG)	Acoustical Ceiling (with Tegular Edge)
AWF	Acoustical Wall Fabric (Tackable)
AWP	Acoustical Wall Panel
BP	Brick Pavers (Unit Pavers)
BR	Brick (Unit Masonry)
C	Concrete
CMU	Concrete Masonry Units (Unit Masonry)

CP	Carpet (without Cushion Broadloom)
CPT	Carpet Tile
CT	Ceramic Tile (Floor, Base, and Wall)
EFTR	Existing Finish to Remain
EPY	Epoxy (Coatings)
ERF	Epoxy Resinous Flooring
EX	Existing
EXP	Exposed
GL	Glass (Glazing)
GWB	Gypsum Wallboard Systems
HW	Hardware Set (Finish or Builders Hardware)
LM	Latex Mastic Flooring
MAT	Material
MC	Multi-Color Coating
NF	Natural Finish
NO	Number
P	Paint (Exterior, Interior, Transparent Finishes)
PC	Precast (Architectural Precast Concrete Panels)
PCP	Portland Cement Plaster
PFW	Polypropylene Fabric Wallcovering
PL	Plaster
PUT	Polyurethane
QT	Quarry Tile
RAF	Resilient Athletic Flooring
RB	Resilient Base (Rubber, Vinyl)
RF	Raised Rubber Flooring
RSF	Resilient Sheet Flooring
SC	High Build Glazed Coating (Special Coating)
SP	Special Faced
SPEC	Special (Architect's Choice)
ST	Stone (Cast)
TT	Terrazzo Tile (Plastic Matrix)
VCT	Resilient Tile Flooring (Vinyl Composition Tile)
VP	Veneer Plaster
W	Wallcovering (Vinyl Coated Fabric)

Part VI: Schedule E – Room Finish, Door & Hardware -- Page 4 of 30

WB	Wall Border
WD	Wood
WP	Wallcovering Protective (Rigid PVC Sheet)
WSF	Welded Seam Sheet Flooring

1.1.2 OTHER REQUIREMENTS

A. Safety Glass

There are two (2) types of safety glass that may be required in Interior Spaces; these are:

B. Laminated Fire Glass shall be used in fire rated assemblies

Tempered Glass ("T") shall be used in all other Observations Windows and Doors with vision panels, including side lights.

C. Wall Protection at Drinking Fountains and Lavatories

Provide vinyl wall covering behind Drinking Fountain Alcoves where wallboard or plaster finish occur and behind lavatories and end walls in examination rooms, treatment rooms, etc. at a minimum 50 inches wide (or terminating at the nearest inside corner). The vinyl wall covering shall go from base to ceiling.

1.1.3 WALLCOVERING PROTECTIVE (WP), RIGID PVC SHEET

Install rigid PVC sheet wall protection at locations indicated //in Schedule E// //on conceptual drawings// over primed GWB //or plaster// substrate. //Provide impact-resistant GWB under wallcovering of 0.060-inch or greater thickness.// Do not seam within 24 inches of internal or external corners. Install covering before installation of bases, cabinets, hardware, or items attached to or spaced slightly from wall surface. Do not install covering more than 1/4 inch below top of resilient base. Terminate top of wallcovering at //handrail// //chair rail// //[____ inches above finished floor]// //[_____]//.

1.1.4 //STAIRWAYS

In stairways use Molded Rubber Treads on stairs and Resilient Tile (VCT) on floor landings and rubber tile on intermediate landings except for stairs exposed to the weather or those in strictly utilitarian areas such as shops, building service equipment rooms, etc.//

1.2 DOORS

1.2.1 DOORS

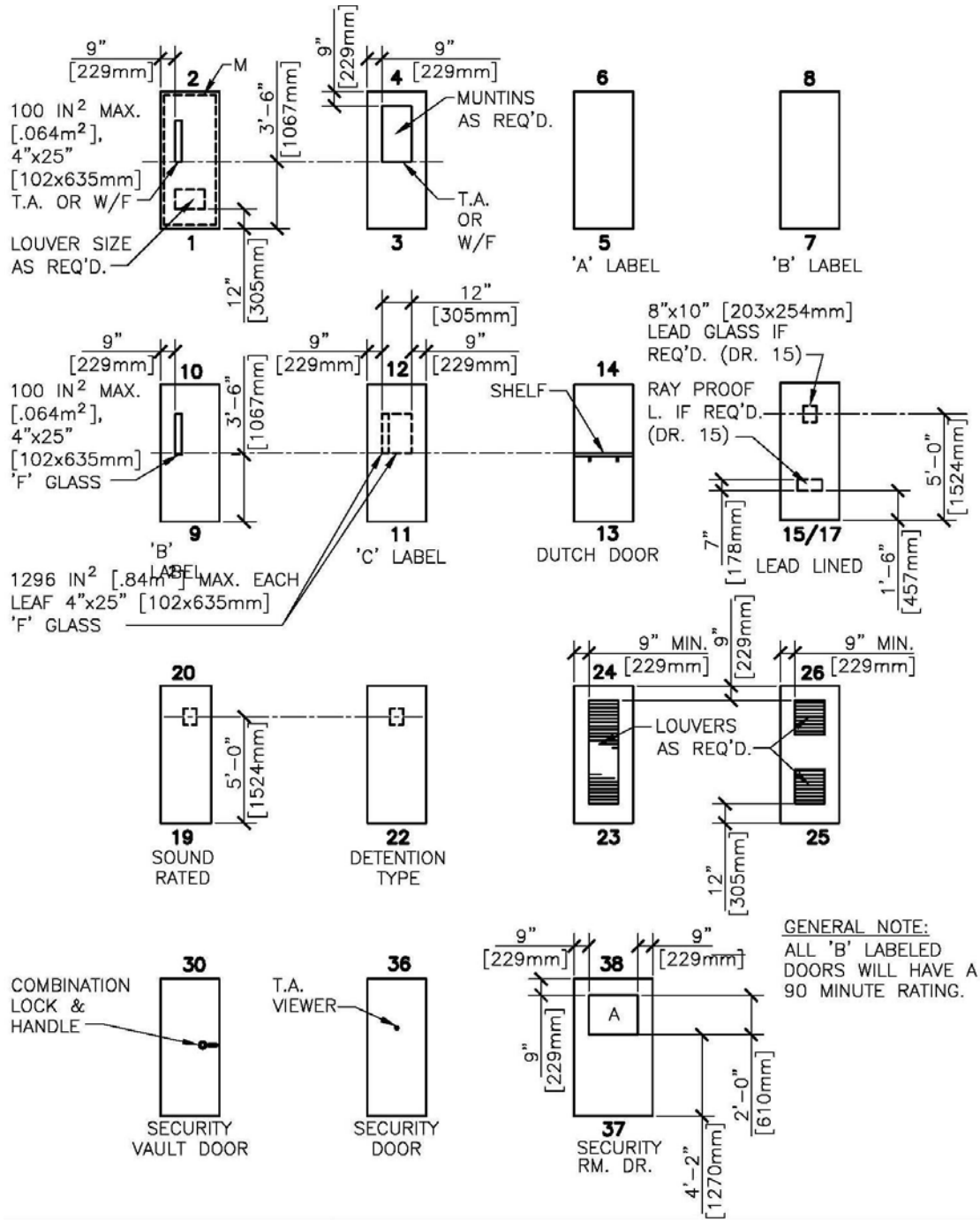
The Door Symbol column in Schedule E identifies the type, size and special features of doors for use in a room or space. The number and letters used for the Door Symbol have the following meaning; the first number indicates door type and door material (odd nos. wood and even nos. steel), e.g., "1, 2, 4, etc.". The first letter (or letters) indicate door size e.g. "S, UU, V,

etc." The letter after a dash (e.g., "-A") indicates a modification to a door. Use these symbols and designations at door openings on floor plan drawings.

For additional door requirements see Architectural Criteria in Sections 6 and 7 in Part I of the SFO.

Door Swing: Doors to Housekeeping Aids Closets (HAC) shall open out. HAC doors shall swing out 180° where possible.

1.2.2 DOOR TYPES



DETAIL TITLE / DOOR SCHEDULE, LEGEND, NOTES AND MODIFICATIONS

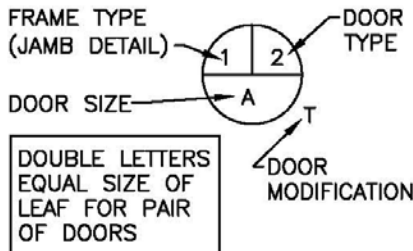
1.2.3 DOOR SIZES

DOOR SIZES									
MK	WIDTH		HEIGHT		MK	WIDTH		HEIGHT	
	IN	[mm]	IN	[mm]		IN	[mm]	IN	[mm]
A	1'-6"	[457]	6'-8"	[2032]	N	2'-0"	[610]	7'-0"	[2134]
B	2'-0"	[610]	6'-8"	[2032]	O	2'-2"	[660]	7'-0"	[2134]
C	2'-2"	[660]	6'-8"	[2032]	P	2'-4"	[711]	7'-0"	[2134]
D	2'-4"	[711]	6'-8"	[2032]	Q	2'-6"	[762]	7'-0"	[2134]
E	2'-6"	[762]	6'-8"	[2032]	R	2'-8"	[813]	7'-0"	[2134]
F	2'-8"	[813]	6'-8"	[2032]	S	3'-0"	[914]	7'-0"	[2134]
G	2'-10"	[864]	6'-8"	[2032]	T	3'-4"	[1016]	7'-0"	[2134]
H	3'-0"	[914]	6'-8"	[2032]	U	3'-6"	[1067]	7'-0"	[2134]
I	3'-2"	[965]	6'-8"	[2032]	V	3'-8"	[1118]	7'-0"	[2134]
J	3'-4"	[1016]	6'-8"	[2032]	W	3'-10"	[1168]	7'-0"	[2134]
K	3'-8"	[1118]	6'-8"	[2032]	X	4'-0"	[1219]	7'-0"	[2134]
L	3'-10"	[1168]	6'-8"	[2032]	Y	3'-0"	[914]	8'-0"	[2438]
M	1'-6"	[457]	7'-8"	[2337]	Z	UNASSIGNED			

DOOR MODIFICATIONS

- A LAMINATED GLASS
- D DOUBLE GLAZED
- TEMPERED GLASS
- H ELECTRIC HOLD
- L LOUVER
- LP LIGHT PROOF LOUVER
- M MECH. SEAL FOR LIGHT PROOF & SOUND RETARDING DOOR
- T TEMPERED GLASS
- U UNDERCUT 1" [25mm]
- V LEAD GLASS
- F FIRE RATED GLAZING

DOOR SYMBOL



LEGEND (SEE ELEVATIONS)

- [- - -] GLASS OR LOUVER REQUIRED BY MODIFICATION
- [] GLASS OR LOUVER REQUIRED BY ELEVATION TYPE

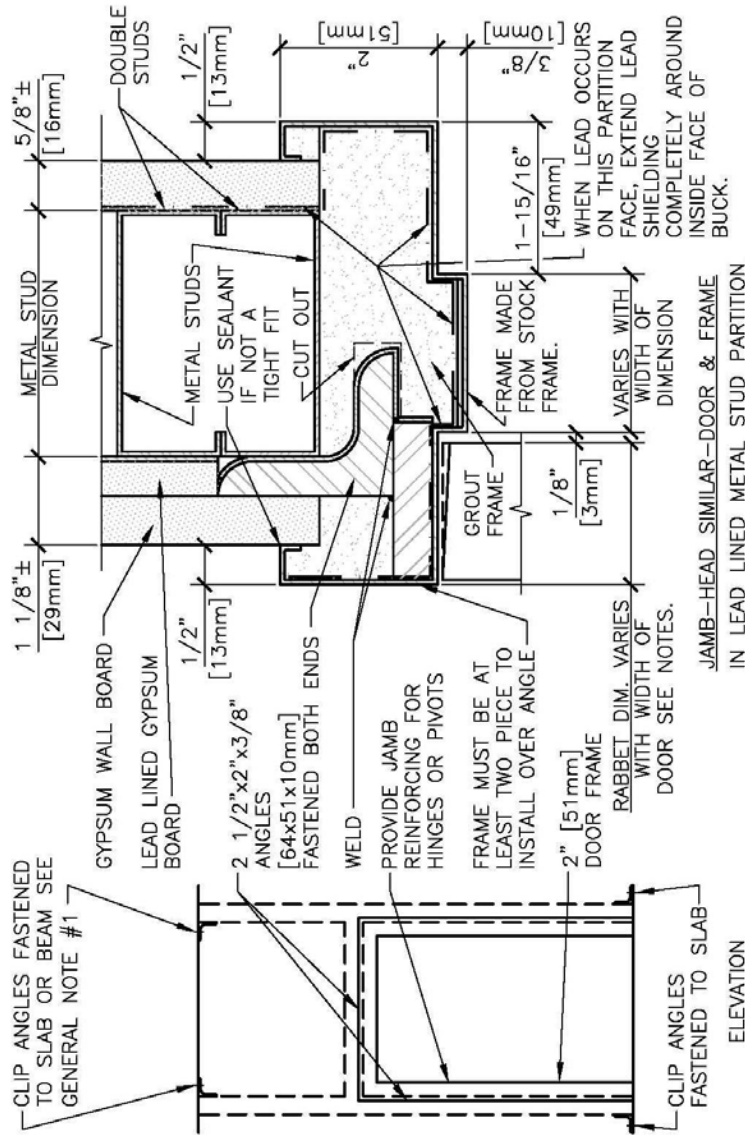
NOTES:

1. ALL DOORS SHALL BE FLUSH - 1 3/4" [44mm] THICK UNLESS NOTED OTHERWISE.
2. TOP & SIDE RAILS SHALL BE 9" [229mm] MIN. BOTTOM RAILS SHALL BE 12" MIN. [305mm].
3. DOOR TYPES 7, 8, & 9 SHALL NOT BE USED FOR OPPOSING DOORS.
4. EVEN NUMBERS ARE METAL; ODD NUMBERS ARE WOOD.



DETAIL TITLE / DOOR SCHEDULE

1.2.4 //LEAD LINED DOORS AND FRAMES//



GENERAL NOTES:

1. SPECIAL ANCHORAGE OF CLIP ANGLES AT INTERSTITIAL DECKS MAY BE REQUIRED.
2. THICKNESS OF LEAD AND LEAD GLASS IN DOORS IS TO BE DETERMINED BY A REGISTERED HEALTH PHYSICIST AND REVIEWED BY THE VA HEALTH PHYSICS PROGRAM OFFICE.
3. LEAD IS NOT REQUIRED IN THE DOOR HEAD WHEN IT IS ONLY REQUIRED IN WALLS TO 7'-0" [2134mm] HEIGHT.

LEAD LINED DOOR TYPE 15 AND FRAME
 # NTS



DETAIL TITLE / LEAD LINED DOOR
TYPE 15 AND FRAME

1.3 FINISH HARDWARE

1.3.1 GENERAL

A. Hardware Set Numbers on Schedule

Except for protective plates, door stops, mutes, thresholds and the like specified herein, hardware requirements for each door are indicated in the Room Finish and Door Schedule by numbers that correspond to the following hardware sets listed in this SFO.

B. Manufacturers' Catalog Number References

Where manufacturers' products are specified herein, products of other manufacturers which are considered equivalent to those specified may be used. Manufacturers whose products are specified are identified by abbreviations as follows:

Adams-Rite	Adams Rite Mfg. Co.	Glendale, CA
Glynn Johnson	Glynn Johnson Co.	Chicago, IL
LCN	LCN Closers	Princeton, IL
Firemark	Rixon-Firemark Co.	Chicago, IL
Hager	Hager Hinge Company	Saint Louis, MO
Stanley	The Stanley Works	New Britain, CT
Trimco	Triangle Brass Mfg. Co.	Los Angeles, CA
Unican	Simplex Security Systems	Collinsville, CT
Von Duprin	Von Duprin Hardware Co.	Indianapolis, IN
Zero	Zero Weather Stripping Co.	New York, NY

C. Keying

All cylinders shall be keyed into Grand Master Key System. Provide removable core cylinders that are removable only with a special key or tool without disassembly of knob or lockset. Cylinders shall be 7 pin type. Keying information shall be furnished at a later date by the Resident Engineer.

1.3.2 BUTT HINGES

A. ANSI A156.1.

The following types of butt hinges shall be used for the types of doors listed, except where otherwise specified:

(1) Exterior Doors

Type A2112 for doors 900 mm (3 feet) wide or less and Type A2111 for doors over 900 mm (3 feet) wide. Hinges for exterior doors shall have non-removable pins.

(2) Interior Doors

Type 8112 for doors 900 mm (3 feet) wide or less and Type A8111 for doors over 900 mm (3 feet) wide.

(3) *Automatic doors hung on butts*
Type A2111 for exterior doors and aluminum doors, and Type A8111 for other doors.

(4) *Labeled Wood Fire Doors*
Type 8411 or Type 8412; these hinges shall be thru bolted to door with hex nuts and bolts.

1.3.3 CONTINUOUS HINGES

A. ANSI/BHMA A156.26
//Grade 1-150// //Grade 1-300// //Grade 1-600//.

(1) *Listed under Category N in BHMA's "Certified Product Directory."*

B. General
Minimum 0.120-inch- (3.0-mm-) thick, hinge leaves with minimum overall width of 4 inches (102 mm); fabricated to full height of door and frame and to template screw locations; with components finished after milling and drilling are complete:

(1) *Fire Pins*
Steel pins to hold labeled fire doors in place if required by tested listing.

C. Continuous, Barrel-Type Hinges
Hinge with knuckles formed around a pin that extends entire length of hinge.

(1) *Base Metal for Exterior Hinges*
Stainless steel.

(2) *Base Metal for Interior Hinges*
//Stainless steel// //Steel// //Aluminum//.

(3) *Base Metal for Hinges for Fire-Rated Assemblies*
//Stainless steel// //Steel//.

(4) *Manufacturers*
Hager Companies.
Markar Architectural Products, Inc.; a Subsidiary of Adams Rite Manufacturing Co.
McKinney Products Company; an ASSA ABLOY Group company.
Stanley Commercial Hardware; Division. of the Stanley Works and Zero International.

D. Continuous, Gear-Type Hinges
Extruded-aluminum, pinless, geared hinge leaves; joined by a continuous extruded-aluminum channel cap; with concealed, self-lubricating thrust bearings.

(1) *Manufacturers*
Bommer Industries, Inc.
Hager Companies.

McKinney Products Company; an ASSA ABLOY Group company.
Pemko Manufacturing Co.
Select Products Limited.
Zero International.

1.3.4 DOOR CLOSING DEVICES

Closing devices shall be products of one manufacturer for each type required.

The closer shall have 50 percent adjustable closing force over minimum value for that closer and have adjustable hydraulic back check effective between 60 degrees and 85 degrees of door opening.

Where specified, closer shall have hold-open feature.

Size Requirements: Size closers in accordance with manufacturer's recommendations or provide multi-size closers, sizes 1 through 6.

1.3.5 DOOR STOPS

- A. Conform to ANSI A156.16.
- B. Provide door stops wherever an opened door or any item of hardware thereon would strike a wall, column, equipment or other parts of building construction. For concrete, masonry or quarry tile construction, use lead expansion shields for mounting door stops.
- C. Where cylindrical locks with turn pieces or pushbuttons occur, equip wall bumpers Type L02251 (rubber pads having concave face) to receive turn piece or button.
- D. Substitute floor stops Type L02141 or L02161 as appropriate, when wall bumpers would not provide an effective door stop.
- E. Where drywall partitions occur, use floor stops, Type L02141 or L02161.
- F. Provide stop Type L02011 or L02181, as applicable for exterior doors.
- G. Omit stops where floor mounted door holders are required and where automatic operated doors occur.
- H. Provide appropriate roller bumper for each set of doors (except where closet doors occur) where two doors would interfere with each other in swinging.
- I. Provide appropriate door mounted stop on doors in individual toilets where floor or wall mounted stops cannot be used.
- J. Provide overhead surface applied stop Type C02541, ANSI A156.8 on patient toilet doors in bedrooms where toilet door could come in contact with the bedroom door.
- K. Provide door stops on doors where combination closer magnetic holders are specified.

1.3.6 LOCKS AND LATCHES

A. Conform to ANSI A156.2. Locks and latches for doors 45 mm (1-3/4 inch) thick or over shall have beveled fronts. Lock cylinders shall have not less than // six pins // seven pins //. Cylinders for all locksets shall be removable core type. // Cylinders shall be furnished with construction removable cores and construction master keys. // Cylinder shall be removable by special key or tool. Construct all cores so that they will be interchangeable into the core housings of all mortise locks, rim locks, cylindrical locks, and any other type lock included in the Great Grand Master Key System. Disassembly of lever or lockset shall not be required to remove core from lockset. All locksets or latches on double doors with fire label shall have latch bolt with 19 mm (3/4 inch) throw. Provide temporary keying device or construction core of allow opening and closing during construction and prior to the installation of final cores.

B. In addition to above requirements, locks and latches shall comply with following requirements:

1. Cylindrical Lock and Latch Sets: levers shall meet ADA (Americans with Disabilities Act) requirements. Cylindrical locksets shall be series 4000 Grade I. Knobs for series 4000 lock and latch sets shall have 57 mm (2-1/4 inch) diameters. Where two turn pieces are specified for lock F76, turn piece on inside knob shall lock and unlock inside knob, and turn piece on outside knob shall unlock outside knob when inside knob is in the locked position. (This function is intended to allow emergency entry into these rooms without an emergency key or any special tool.)

2. Mortise Lock and Latch Sets: Conform to ANSI/BHMA A156.13. Mortise locksets shall be series 1000, minimum Grade 2. All locksets and latchsets shall have lever handles similar to Falcon S-lever Design. Lever handle shall be fabricated from wrought stainless steel. No substitute lever design or material shall be accepted. All locks and latchsets shall be furnished with curved lip strike and wrought box. Furnish armored fronts for all mortise locks.

3. Auxiliary locks shall be as specified under hardware sets and conform to ANSI A156.5.

1.3.7 PUSH-BUTTON COMBINATION LOCKS

A. ANSI/BHMA A156.5, Grade 1. Mechanical or electrically operated as indicated.

B. Construction: Heavy duty cylindrical lock housing conforming to ANSI/BHMA A156.2, Grade 1. Lever handles and operating components in compliance with the UFAS and the ADA Accessibility Guidelines.

C. Special Features: Key override to permit a master keyed security system and a key activated passage feature to allow access without using the entry code.

D. Manufacturers:

- 1. Alarm Lock.
- 2. Code Locks, LLC
- 3. Locknetics; an Ingersoll Rand company.
- 4. Kaba Ilco.

1.3.8 ELECTROMAGNETIC LOCKS

A. ANSI/BHMA A156.23

Electrically powered, of strength and configuration indicated; with electromagnet attached to frame and armature plate attached to door. Listed under Category E in BHMA's "Certified Product Directory."

(1) Type

Full exterior or full interior, as required by application indicated.

(2) Strength Ranking

//1500 lbf (6672 N)// //1000 lbf (4448 N)// //500 lbf (2224 N)//.

(3) Inductive Kickback Peak Voltage

Not more than //53// //0// V.

(4) Residual Magnetism

Not more than //4 lbf (18 N)// //0 lbf (0 N)// to separate door from magnet.

B. Delayed-Egress Locks

BHMA A156.24.// Listed under Category G in BHMA's "Certified Product Directory". //

(1) Means of Egress Doors

Lock releases within 15 seconds after applying a force not more than 15 lbf (67 N) for not more than 3 seconds, as required by NFPA 101.

(2) Security Grade

Activated from secure side of door by initiating device.

(3) Movement Grade

Activated by door movement as initiating device.

C. Manufacturers

Door Controls International.

Doorguard Systems, Inc.

Dortronics Systems, Inc.

DynaLock Corp.

Locknetics; an Ingersoll-Rand Company.

Rutherford Controls Int'l. Corp.

SARGENT Manufacturing Company; an ASSA ABLOY Group company.

Securitron Magnalock Corporation; an ASSA ABLOY Group company.

Security Door Controls.

1.3.9 CARD READERS

Provide and install card readers where indicated. Integrate card readers with other specified systems and systems that are in place.

1.3.10 ELECTRIC STRIKES

- A. ANSI/ BHMA A156.31 Grade 1.
- B. General: Use fail-secure electric strikes with fire-rated devices.
- C. Manufacturers:
 - 1. Adams Rite Manufacturing Co.
 - 2. Folger Adam Security Inc.; an ASSA ABLOY Group company.
 - 3. HES, Inc.; an ASSA ABLOY Group company.
 - 4. Locknetics; an Ingersoll-Rand Company.
 - 5. Precision Hardware, Inc.
 - 6. Von Duprin; an Ingersoll-Rand Company.

1.3.11 KEYS

- A. Stamp all keys with change number and key set symbol. Furnish keys in quantities as follows:

Locks/Keys	Quantity
Cylinder locks	2 keys each
Cylinder lock change key blanks	100 each different key way
Master-keyed sets	6 keys each
Grand Master sets	6 keys each
Control key	1 key

1.3.12 KEY CABINET

- A. ANSI Standard A156.5. Provide key cabinet made of cold rolled, 1.2 mm (0.0478 inch) thick furniture steel electro-welded. Doors shall have "no sag" continuous brass-pin piano type hinge and be equipped with chrome plated locking door handles, hook cam and two parasentric keys. All locks shall be nickel plated with solid brass pin tumbler cylinder keyed as directed. Key Cabinet and Key Control System shall accommodate all keys for this project plus 25 percent.
- B. Key tags shall consist of two sets: Permanent self-locking and loan key snaphook type with tag colors as follows: Red fiber marker of the permanent self-locking type approximately 32 mm (1-1/4 inch) in diameter engraved with the legend "FILE KEY MUST NOT BE LOANED." Also furnish for each hook a white cloverleaf key marker with snap-hooks engraved with the legend "LOAN KEY."

C. The manufacturer of the lock cylinders and locks shall attach a key tag to keys of each lock cylinder and shall mark thereon the respective item number and key change number. Provide each group of keys in a key gathering envelope (supplied by Key Cabinet Manufacturer) in which the lock manufacturer shall include the following information: Item number, key change number and door number. The contractor shall furnish the Key Cabinet Manufacturer the hardware and keying schedules and change keys.

D. The Key Cabinet Manufacturer shall set up a three-way cross index system, including master keys, listing the keys alphabetically, the hooks numerically and the key changes numerically on different colored index cards. Index cards shall be typewritten and inserted in a durable binder. Attach the keys to the two sets of numbered tags supplied with the cabinet. (The permanent tag and the loan key tag). Instruct the owner in proper use of the system. Install cabinet as directed by the Resident Engineer.

1.3.13 ARMOR PLATES, COMBINATION KICK-MOP PLATES AND DOOR EDGING

A. Conform to ANSI Standard A156.6.

B. Provide protective plates and door edging as specified below:

1. Kick-mop plates and armor plates plastic or metal, Type J100 series, color as required.

2. Provide kick-mop plates for both sides of each door, except where noted as not required. Kick-mop plates shall be 125 mm (5 inches) high. On push side of doors where jamb stop extends to floor, make combination kick-mop plates 38 mm (1-1/2 inches) less than width of door, except pairs of metal doors which shall have plates 25 mm (1 inch) less than width of each door. Extend all other combination kick-mop plates to within 6 mm (1/4 inch) of each edge of doors. Kick mop plates shall butt astragals. For jamb stop requirements, see specification sections pertaining to door frames.

3. Kick-mop plates are not required on following door sides:

- a) Armor plate side of doors;
- b) Exterior side of exterior doors;
- c) Closet side of closet doors;
- d) Storage side of doors to or from storage spaces; and
- e) Both sides of aluminum entrance doors.

4. Armor plates for doors are listed under "Hardware Sets". Armor plates shall be 875 mm (35 inches) high and 38 mm (1-1/2 inches) less than width of doors, except on pairs of metal doors. Plates on pairs of metal doors shall be 25 mm (1 inch) less than width of each door. Where top of intermediate rail of door is less than 875 mm (35 inches) from door bottom, extend armor plates to within 13 mm (1/2 inch) of top rail. On doors equipped with panic devices, extend armor plates to within 13 mm (1/2 inch) of panic bolt cross bar.

5. Where louver or grille occurs in lower portion of doors, substitute stretcher plate and kick-mop plate in place of armor plate. Size of stretcher plate and kick-mop plate shall be 125 mm (5 inches) high.

1.3.14 EXIT DEVICES

A. Conform to ANSI Standard A156.3. Exit devices shall be Grade 1; type and function are specified in hardware sets. Provide flush with finished floor strikes for vertical rod exit devices in interior of building. Trim shall have lever handles similar to locksets, unless otherwise specified.

B. Exit devices for fire doors shall comply with Underwriters Laboratories, Inc., requirements for Fire Exit Hardware. Submit proof of compliance.

1.3.15 WEATHERSTRIPS (FOR EXTERIOR DOORS)

Conform to ANSI A156.22. Air leakage shall not to exceed 0.50 CFM per foot of crack length (0.000774m³/s/m).

1.3.16 MISCELLANEOUS HARDWARE

A. Cylinders for Various Partitions and Doors: Key cylinders same as entrance doors of area in which partitions and door occur. Provide cylinders to operate locking devices where specified for following partitions and doors:

- 1. Folding doors and partitions.
- 2. Slide-up doors.
- 3. Day gate on vault door.

D. Mutes: Conform to ANSI A156.16. Provide door mutes or door silencers Type L03011, of white or light gray color, on each steel door frame, except lead-lined frames and frames for sound-resistant, lightproof and electromagnetically shielded doors. Furnish 3 mutes for single doors and 2 mutes for each pair of doors, except double-acting doors. Provide 4 mutes or silencers for frames for each Dutch type door. Provide 2 mutes for each edge of sliding door which would contact door frame.

1.3.17 PADLOCKS FOR VARIOUS DOORS, GATES AND HATCHES

A. ASTM E883, size 50 mm (2 inch) wide chain; furnish extended shackles as required by job conditions. Provide padlocks, with key cylinders, for each door in following areas as noted.

B. Key padlocks as follows:

- 1. Chain Link Fence Gates for Electrical Substation and other Fenced Buildings or Areas: Engineer's set, except as otherwise specified.
- 2. Chain Link Fence Gates for Oxygen Storage: Maintenance supply set.
- 3. Roof Access and Scuttles: Engineer's set.

1.3.18 **HARDWARE SETS**

Following sets of hardware correspond to hardware numbers shown in Room Finish and Door Schedule. Where hardware set for a single door is specified for a pair of doors; equip each leaf of such pair of doors with set noted. Only those hardware sets that are referenced in the Schedule will be required. Disregard breaks in hardware set numbering sequence. Disregard hardware sets listed below but not shown in Schedule.

HARDWARE SETS	
<u>HW 1</u> Butts as required Door pull Push plate Closer C02011	<u>HW 4</u> Butts as required Door pull Push plate Closer C02011 Armor plate Holder C22511
<u>HW 6</u> Butts as required Door pulls Push plates Combination closer holder C00241 Armor plate	<u>HW 10</u> Butts as required Deadlock F18 x rectangular strike (no lip) Push pull plate J303 Note: No cylinder or trim on room side of door.
<u>HW 12</u> Butts as required Push-pull plate J303 Arm pull double base J400 Closer C02051	<u>HW 13</u> Butts as required Lock F86
<u>HW 14</u> Butts as required Lock F76 Provide turn piece on both sides of lock	<u>HW 18</u> Butts as required Lock F76 Provide emergency key
<u>HW 23</u> Butts as required Lock F81 or F04 where noted	<u>HW 25</u> Butts as required Lock F84
<u>HW 29</u> Butts as required 2 Flush bolts Latch F75	<u>HW 40</u> Butts as required Lock F84 Closer C02051
<u>HW 42</u> Butts as required Lock F87 or 161 W-4 Closer C02011 Holder C22511	<u>HW 43</u> Butts as required Lock F86 Closer C02011
<u>HW 45</u> Butts as required Lock F81 or F04 where noted Closer C02011	<u>HW 62</u> Butts as required Lock F81 x 19 mm (3/4 inch) throw 2 Automatic flush bolts 2 Closers C02011 Coordinator 2 Armor plates

HARDWARE SETS	
<p><u>HW 67</u> Butts as required Lock E16071 Door pull Push-pull plate J300 Closer C02051</p>	<p><u>HW 68</u> Butts as required Lock E16071 Door pull Push-pull plate J303 Closer C02011</p>
<p><u>HW 69</u> Butts as required Lock E16071 Door pull Push-pull plate J303 Closer C02051 Armor plate</p>	<p><u>HW 79</u> Butts as required Lock E16071 2 Flush bolts 2 Arm pulls double base J400 2 Push-pull plates J303 2 Armor plates 2 Closers C02011 2 Holders C22511</p>
<p><u>HW 81</u> Butts as required Lock E16071 2 Flush bolts 2 Door pulls 2 Push-pull plates J303 2 Closers C02051</p>	<p><u>HW 82</u> Butts as required Lock E16071 2 Flush bolts 2 Door pulls 2 Push-pull plates J303 2 Closers C02011 2 Holders C22511 2 Armor plates</p>
<p><u>HW 104</u> Offset pivot set C17121 Intermediate pivot C17321 Door pull Push plate Closer C02051</p>	<p><u>HW 106</u> Offset pivot set C17111 Intermediate pivot C17311 Lock E16071 Door pull Push-pull plate J303 Closer LCN 4010 Armor plate Holder C22511</p>
<p><u>HW 108</u> Offset pivot set C17111 Intermediate pivot C17311 Door pull Push plate J300 Closer LCN 4010 size 6</p>	<p><u>HW 109</u> 2 Offset pivot sets C17121 2 Intermediate pivots C17321 Lock E16071 2 Flush bolts 2 Door pulls J 405 2 Push-pulls J303 2 Armor plates 2 Closers LCN 4010 size 6 2 Holders C22511 1 Lead lined astragal Coordinator</p>

HARDWARE SETS	
<p><u>HW 112</u> Floor closer C16011 2 Push plates 2 Armor plates J303 Holder C21511 (Double acting)</p>	<p><u>HW 120</u> Butts as required Lock E16071 Door pull Armor plate Automatic Door Operator</p>
<p><u>HW 124</u> Lock (Adams-Rite) MS1861 Cylinder outside thumbturn inside Pull bar J500 Automatic Door Operator</p>	<p><u>HW 126</u> Butts as required Lock E16071 2 Push-pull plates J300 2 Door pulls 2 Armor plates 1 Automatic Flush Bolt Coordinator Automatic Door Operator</p>
<p><u>HW 129</u> Butts as required Armor plate Push plate Door pull J303 Automatic Door Operators</p>	<p><u>HW 157</u> Butts as required (Hospital tip) Lockset (Unican Lock Co.) 1001 - Mechanical lock with 5-button combination and 3/4 inch throw latch bolt Lock E16071 with 3/4 inch throw deadbolt - Mount deadlock at 60 inches to centerline of strike from finished floor on this hardware set only Closer C02011 Flush bolts lves 454 by 12 inch for pairs of doors.</p>
<p><u>HW 161</u> 2 Pivots set C17162 2 Intermediate pivots C17321 4 Push-pull bars J500 2 Door closers 4113 H cush-n-stop by LCN</p>	

SCHEDULE E: ROOM FINISH, DOOR, AND HARDWARE SCHEDULE														
Department / Functional Area	Room Code	Qty	Function	Unit Area sq (each room)	Exclude from Net Usable	Floor	Base	Wall	Wainscot	Ceiling	Ceiling Height	Door Symbol	Hardware	Notes
Acquisition and Materiel Management Services (AMMS)														
Acquisition and Distribution	MMCR2	1	Holding Area, Unposted Stock	100	100	C-PUT	CMU / RB	CMU / GWB	-	EXP	-	11/12 UU-F	43	
Acquisition and Distribution	OFA02	1	Office, Storekeeper	100	100	VCT	RB	CMU / GWB	-	AT	9'-0"	1/2 S	23	10 ft x 10 ft Power Operated Coiling or Sectional Door
Acquisition and Distribution	MMRP1	1	Receiving and Issue Area	100	100	C-PUT	CMU / RB	CMU / GWB	-	EXP	-	-	-	
Acquisition and Distribution	DOCK1	1	Receiving and Shipping Dock	130	130	C-PUT	CMU	CMU	-	EXP	-	-	-	Covered Dock
Acquisition and Distribution	SRHM1	1	Storage, Bio-hazard Waste	50	50	C-PUT	CMU / RB	CMU / GWB	-	EXP	-	11/12 UU-F	43	
Acquisition and Distribution	SRM01	1	Storage, Equipment	400	400	C-PUT	CMU / RB	CMU / GWB	-	EXP	-	11/12 V-F	43	
Acquisition and Distribution	SRM1	1	Storage, Flammable	50	50	C	CMU / RB	CMU / GWB	-	EXP	-	26 U	43	
Acquisition and Distribution	SRM01	1	Storage, Form / Processed Stores	150	150	C-PUT	CMU / RB	CMU / GWB	-	EXP	-	26 U	43	
Acquisition and Distribution	MMGS1	1	Storage, Medical and General	2,000	2,000	C-PUT	CMU / RB	CMU / GWB	-	EXP	-	11/12 UU-F	43	
Acquisition and Distribution	SRGC1	1	Storage, Medical Gas	80	80	C-PUT	CMU / RB	CMU / GWB	-	EXP	-	26 U	43	
Administration	SEC01	1	Office Secretary and Waiting	120	120	VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Administration	OFA02	1	Office, Chief	150	150	CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Administration	OFA02	1	Office, Open	528	528	VCT / GP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
Administration	OFA02	1	Office, Supervisor, Procurement Section	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
Administration	OFA02	1	Office, Supervisor, Supply Management Section	100	100	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
			Corridors			VCT	RB	GWB-P	-	AT	9'-0"	1/2 VV-1	6	
Ambulatory Care														
HAS (MAS)	RECP1	1	Central Reception Counter and Supplemental Office Equipment	150	150	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23	
HAS (MAS)	OFA03	1	Interview Room / Clerical Workstation	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23	
HAS (MAS)	OFA02	1	Office, Agent	200	200	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23	
HAS (MAS)	OFA02	1	Office, Compensation and Pension	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23	
HAS (MAS)	OFA02	1	Office, Health Benefits Advisor / Patient Services Asst.	200	200	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23	
HAS (MAS)	OFA02	2	Office, HAS Supervisor	100	200	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23	
HAS (MAS)	OFA02	1	Office, Travel Clerk	200	200	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23	
HAS (MAS)	OFA03	1	Workstation, Clerical	320	320	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23	
HAS (MAS)	CASH1	1	Agent Cashier	130	130	VCT	RB	GWB-P	-	AT	9'-0"	36 S	157	
HAS Medical Information Section	CMPO1	1	AMIE System	70	70	VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
HAS Medical Information Section	OFA02	1	Office, Assistant Chief	120	120	VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
HAS Medical Information Section	OFA02	1	Office, Medical Records	120	120	VCT / GP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
HAS Medical Information Section	OFA03	2	Office, Supervisor	100	200	VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
HAS Medical Information Section	SRE01	1	Supplemental Equipment Space	75	75	VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
HAS Medical Information Section	OFA03	2	Workstation, Medical Record Technician / Clerk	80	160	VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
HAS Medical Information Section	OFA03	5	Office, Supervisory Transcriptionist	100	500	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
HAS Transcription Unit (TU)	SRE01	1	Supplemental Equipment Space	70	70	VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
HAS Transcription Unit (TU)	OFA03	1	Transcription System Controller / Records	75	75	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
HAS Transcription Unit (TU)	OFA03	2	Workstation, Transcriptionist	64	128	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
HAS File Unit (FU)	OFA02	1	Office, Supervisor	100	100	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
HAS File Unit (FU)	MRS01	1	Storage, Medical Records	1,165	1,165	VCT	RB	GWB-P	-	AT	9'-0"	11/12 SS-F	62	
HAS File Unit (FU)	MRS01	1	Storage, Medical Records, Veteran Volunteers and Employees	50	50	VCT	RB	GWB-P	-	AT	9'-0"	11/12 U-F	45	
HAS File Unit (FU)	TLTU1	2	EU Toilet	55	110	CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18	
HAS File Unit (FU)	WR001	1	EU Waiting Area	200	200	VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S-T	23	
HAS File Unit (FU)	WR001	1	Workroom	300	300	VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
Urgent Care	NISA4	1	Nurse / Communication Station	150	150	RSF	RB	GWB-W	-	AT	9'-0"	Open	-	
Urgent Care	BRIT1	1	Observation / Treatment, Infectious Isolation Bedroom	120	120	RSF	RSF	GWB-SC	-	GWB-SC	9'-0"	1/2 OO-T / X (ADO)	79	
Urgent Care	BRUN1	12	Observation / Treatment, Monitored Bed	100	1,200	RSF	RSF	GWB-SC	-	AT (SP)	9'-0"	1/2 OO-T / X (ADO)	120	
Urgent Care	OFA02	1	Office, Head Nurse	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
Urgent Care	OFA03	1	Office, Physician	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
Urgent Care	SRE01	1	Storage, Medical Equipment	120	120	VCT	RB	GWB-P	-	AT	9'-0"	11/12 V-F	45	
Urgent Care	SRLW1	1	Storage, Wheelchair and Stretcher	100	100	VCT	RB	GWB-P	-	AT	9'-0"	11/12 V-F	45	
Exam / Treatment Modules (ETM)	UCCL1	5	Clean Utility Room	120	600	VCT	RB	GWB-P	-	AT	9'-0"	11/12 V-F	45	
Exam / Treatment Modules (ETM)	EXRG2	5	Multipurpose Conference / Classroom	200	1,000	VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Exam / Treatment Modules (ETM)	EXRG3	69	Multipurpose Exam Room	120	8,280	VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	25	
Exam / Treatment Modules (ETM)	TRGM1	2	Multipurpose Procedure Room	175	350	VCT	RB	GWB-P	-	AT	9'-0"	1/2 V	69	
Exam / Treatment Modules (ETM)	USCL1	5	Soiled Utility Room	120	600	WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	11/12 V-F	42	

SCHEDULE E: ROOM FINISH, DOOR, AND HARDWARE SCHEDULE														
Department / Functional Area	Room Code	Qty	Function	Unit Area of (each room)	Exclude Net Area from Net Usable	Floor	Base	Wall	Wainscot	Ceiling Lay-In Panels	Ceiling Height	Door Symbol	Hardware	Notes
Exam / Treatment Modules (ETM)	EXRG3	1	Special Purpose Dermatology Exam Room	120	120	VCT	RB	GWB-P	-	GWB Lay-In Panels	9'-0"	1 / 2 S	25	
Exam / Treatment Modules (ETM)	SR501	5	Storage, Linen, Stretcher and Medical Equipment	100	500	VCT	RB	GWB-P	CT 4'-0"	AT	9'-0"	11 / 12 V-F	45	
Exam / Treatment Modules (ETM)	TLT U1	2	Toilet, Public	55	110	CT	CT	GWB-P	-	AT	9'-0"	1 / 2 S	18	
Exam / Treatment Modules (ETM)	WRC01	3	ETM Waiting Area	3,855	3,855	VCT / CP	RB	GWB-W	-	AT	9'-0"	Open	-	
Exam / Treatment Modules (ETM)	RECP1	5	HAS: Clinic Module Reception Area	200	1,000	VCT / CP	RB	GWB-W	-	AT	9'-0"	1 / 2 S-T	23	
Exam / Treatment Modules (ETM)	OFA02	1	Office, Health Benefits Advisor / Patient Services Asst.	200	200	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Exam / Treatment Modules (ETM)	OFA03	1	Office, Compensation and Pension	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Exam / Treatment Modules (ETM)	OFA03	5	NS: Cubicle, Resident Physician	64	320	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Exam / Treatment Modules (ETM)	MEDP1	60	NS: Medication Room	120	120	VCT	RB	GWB-P	-	AT	9'-0"	1 / 2 S	43	
Exam / Treatment Modules (ETM)	NTSA4	200	NS: Nurse Station (NS)	200	400	VCT	RB	GWB-W	-	AT	9'-0"	Open	-	
Exam / Treatment Modules (ETM)	EXRG4	100	NS: Nurse Triage Room	100	500	VCT	RB	GWB-P	-	AT	9'-0"	1 / 2 S	25	
Exam / Treatment Modules (ETM)	OFA02	5	NS: Office, Case Manager	120	600	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Exam / Treatment Modules (ETM)	OFA03	65	NS: Office, Physician / Provider	120	7,800	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Exam / Treatment Modules (ETM)	OFA02	120	NS: Office, Physician Extender	120	1,800	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Exam / Treatment Modules (ETM)	OFA02	600	NS: Office, Social Worker	120	600	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Exam / Treatment Modules (ETM)	OFA02	8	NS: Office, Telephone Triage Nurse	80	640	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Exam / Treatment Modules (ETM)	PHDS1	100	NS: Prescription Receiving Station	100	500	VCT	RB	GWB-W	-	AT	9'-0"	Open	-	
Exam / Treatment Modules (ETM)	RC401	2	NS: Storage, Crash Cart	20	40	VCT	RB	GWB-W	-	AT	9'-0"	Open	-	
Exam / Treatment Modules (ETM)	TLT U1	2	NS: Toilet, Staff	55	110	CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1 / 2 S	18	
Gastroenterology (GI)	TRPE1	1	Screening Proctoscopy / Sigmoidoscopy Room	175	175	RSF	RSF	GWB-SC	-	GWB Lay-In Panels	9'-0"	1 / 2 V	69	
Gastroenterology (GI)	TLT U1	1	Toilet, Patient	55	55	CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1 / 2 S	18	
Dermatology (Derm)	TRGS1	1	Dermatology Procedure / Treatment Room	175	175	VCT	RB	GWB-P	-	AT	9'-0"	1 / 2 S	25	
Dermatology (Derm)	LBDE1	1	Dermatology Laboratory	100	100	VCT	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Dermatology (Derm)	MEDP1	1	Dermatology Medication Prep / Storage Room	90	90	VCT	RB	GWB-P	-	AT	9'-0"	1 / 2 S	43	
Dermatology (Derm)	OPDU1	1	Dermatology Phototherapy Treatment Room	175	175	RSF	RSF	GWB-P	-	AT	9'-0"	1 / 2 U	69	
Dermatology (Derm)	SHWR1	1	Dermatology Phototherapy Shower Room	55	55	CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1 / 2 S	18	Full Height CT at Shower
Nutrition (Dietetics)	CLR02	1	Classroom	250	250	VCT / CP	RB	GWB-W	-	AT	9'-0"	1 / 2 S-T	23	
Nutrition (Dietetics)	OFA02	3	Office, Dietician	120	360	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Oncology (ONC)	OPCT1	1	Chemotherapy Treatment Room	330	330	RSF	RSF	GWB-P	-	AT (SP)	9'-0"	1 / 2 W	29	
Oncology (ONC)	TLT U1	1	Toilet, Patient	55	55	CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1 / 2 S	18	
Oncology (ONC)	OFA02	1	Office, Data Coordinator / Tumor Registry	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Oncology (ONC)	LBVPI	1	Oncology Lab	80	80	RSF	RSF	GWB-P	-	AT (SP)	9'-0"	1 / 2 S	23	
Women's Health / GYN	EXRG8	120	Exam Room	120	120	VCT	RB	GWB-P	-	AT	9'-0"	1 / 2 S	25	
Women's Health / GYN	TLT U1	1	Toilet, Patient	55	55	CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1 / 2 S	18	
Orthopedics (Ortho)	OPCR1	1	Cast Room	175	175	RSF	RSF	GWB-SC	-	AT	9'-0"	1 / 2 V	29	
Orthopedics (Ortho)	DR001	2	Dressing Room, Patient	35	70	VCT	RB	GWB-P	-	AT	9'-0"	1 / 2 S	18	
Orthopedics (Ortho)	ORPC1	1	Storage, Plaster and Splints	100	100	VCT	RB	GWB-P	-	AT	9'-0"	11 / 12 V	45	
Clinic Based Home Care (CBHC)	OFA02	1	Office, Clerical Support Staff	184	184	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Clinic Based Home Care (CBHC)	OFA02	1	Office, Nurse	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Clinic Based Home Care (CBHC)	OFA02	1	Office, Physician	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Clinic Based Home Care (CBHC)	OFA02	1	Office, Social Worker	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Geriatric Evaluation Unit (GEU)	OFA01	1	Office, Clerical Support Staff	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Geriatric Evaluation Unit (GEU)	OFA02	1	Office, Clerical Support Staff	184	184	VCT	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Geriatric Evaluation Unit (GEU)	OFA03	1	Office, Nurse Practitioner	120	120	VCT	RB	GWB-P	-	AT	9'-0"	1 / 2 S	25	
Geriatric Evaluation Unit (GEU)	OFA03	1	Office, Physician	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Geriatric Evaluation Unit (GEU)	OFA02	1	Office, Social Worker	120	120	VCT / CP	RB	GWB-P	-	AT	9'-0"	1 / 2 S	23	
Patient Education (Pat EDU)	LIBV1	1	Information Resource Center	400	400	VCT / CP	RB	GWB-W	-	AT	9'-0"	1 / 2 S-T	23	
Patient Education (Pat EDU)	CLR01	1	Classroom	300	300	VCT / CP	RB	GWB-W	-	AT	9'-0"	1 / 2 S-T	23	
			Corridors			VCT	RB	GWB-W	-	AT	8'-0"	1 / 2 OQ-T Open	126 6 / 126	
Audiology and Speech Pathology														
Audiology (AUD)	PEHS1	1	Booth, Audiometric Exam	130	130	CP	RB	GWB-P	-	AT	9'-0"	19 / 20 V	25	Pre-fabricated Unit(s)
Audiology (AUD)	EXEN1	1	Electrophysiology Room	120	120	VCT	RB	GWB-P	-	AT	9'-0"	19 / 20 V-T M	25	
Audiology (AUD)	OPMH1	1	Group Therapy Room	240	240	CP	RB	GWB-P	-	AT	9'-0"	19 / 20 V-T M	25	
Audiology (AUD)	HAFR1	1	Hearing Aid Fabrication / Modification Room	120	120	VCT	RB	GWB-P	-	AT	9'-0"	19 / 20 V	25	
Audiology (AUD)	TREN1	1	Limitance Room	80	80	CP	RB	GWB-P	-	AT	9'-0"	19 / 20 V-M	25	
Audiology (AUD)	SRCH1	1	Instrument Calibration and Storage Room	140	140	VCT	RB	GWB-P	-	AT	9'-0"	19 / 20 V	25	
Audiology (AUD)	EXOS1	1	Office, Therapy Room, Audiologist	130	130	CP	RB	GWB-P	-	AT	9'-0"	19 / 20 V-T	25	
Audiology (AUD)	EXEN1	1	Posturography Room	150	150	CP	RB	GWB-P	-	AT	9'-0"	19 / 20 V	25	
Audiology (AUD)	PESH4	1	Suite, Audiometric Exam	260	260	CP	RB	GWB-P	-	AT	9'-0"	19 / 20 V	25	Pre-fabricated Unit(s)
Audiology (AUD)	EXVE1	1	Vestibulography Room	150	150	CP	RB	GWB-P	-	AT	9'-0"	19 / 20 V	25	

SCHEDULE E: ROOM FINISH, DOOR, AND HARDWARE SCHEDULE

Department / Functional Area	Room Code	Qty	Function	Area of each room)	Net Area sf	Exclude from Net Usable	Floor	Base	Wall	Wainscot	Ceiling	Ceiling Height	Door Symbol	Hardware	Notes	
Audiology (AUD)	SRSE1	1	Equipment Area	50	50		VCT	RB	GWB-P	-	AT	9'-0"	19/20 V	25		
	OFA03	1	Office, Administrative Assistant	100	100		CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	OFA02	1	Office, Chief of Service	150	150		CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	RECP1	1	Office, Reception / Control Clerk	120	120		CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	SECT1	1	Office, Secretary / Clerks	120	120		CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	TLTU1	1	Toilet, Patient	55	55		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18		
	WRC01	1	Waiting Area	185	185		CP	RB	GWB-W	-	AT	9'-0"	Open	-		
	EXOS1	1	Office, Therapy Room, Speech Pathologist	130	130		CP	RB	GWB-W	-	AT	9'-0"	19/20 V-T	25		
	WRC01	1	Computer Assisted Training (CAT) Workroom	120	120		CP	RB	GWB-W	-	AT	9'-0"	19/20 V-T	25		
	OPMH1	1	Group Therapy Room	225	225		CP	RB	GWB-P	-	AT	9'-0"	M	25		
	EXOS1	1	Speech Analysis Laboratory	200	200		CP	RB	GWB-P	-	AT	9'-0"	19/20 V-T	25		
				Corridor				RB	GWB-P	-						
								RB	GWB-P	-						
								RB	GWB-P	-						
								RB	GWB-P	-						
Canteen	FSDC1	1	Canteen	0	0		CP	RB	GWB-P	-	AT	9'-0"	1/2 SS-T	124		
	SLD01	1	Staff Lunch / Break Room	480	480		VCT	RB	GWB-W	-	AT	9'-0"	1/2 SS-T	82		
	BX001	1	Vending Machine Area and Seating	360	360		VCT	RB	GWB-W	-	AT	9'-0"	1/2 T	1		
Cardiovascular Laboratories (Cardiology)	OPEC1	1	ECG Testing Cubicle	100	100		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	25		
	OPPE1	1	Echocardiography Exam Room	200	200		VCT	RB	GWB-P	-	AT	9'-0"	1/2 V	67		
	OPTM1	1	Exercise Room (Stress Lab Facility)	240	240		VCT	RB	GWB-P	-	AT	9'-0"	1/2 V	67		
	OPHM1	1	Pacemaker / Holter Monitor Room	120	120		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S-T	67		
Clinic Management	CRA01	1	Conference Room	300	300		CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	OFA01	1	Office, Chief Administrative Officer	200	200		CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	OFA02	2	Office, Clinic Management Support Staff	100	200		CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	OFA02	2	Office, Medical Administrative Officer (MAO)	120	240		CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	SECO1	1	Office, Secretary and Waiting	120	120		CP	RB	GWB-W	-	AT	9'-0"	1/2 S-T	23		
	SECO1	2	Office, Secretary to the MAO and Waiting	120	240		CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	SRSE1	1	Support Equipment	150	150		VCT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	13		
	TLTU1	1	Toilet, Staff	50	50		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18		
				Corridors				RB	GWB-W	-						
								RB	GWB-W	-						
Dental	DNTG2	1	Combined Dental Hygiene Operator	150	150		RSF	RSF	GWB-SC	-	AT (SP)	9'-0"	Open	-		
	CRA01	1	Conference Room	220	220		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S-T	23		
	DNPL1	1	Dental Prosthetic Laboratory	100	100		RSF	RSF	GWB-SC	-	AT (SP)	9'-0"	1/2 S-T	69		
	DNSC2	1	Instrument Preparation and Sterilization Room	90	90		RSF	RSF	GWB-SC	-	AT (SP)	9'-0"	1/2 U-T	69		
	LCCL1	1	Linen Room and Clean SPD Cart	80	80		VCT	RB	GWB-SC	CT 4'-0"	AT	9'-0"	11/12 V-F	45		
	LR002	1	Locker Room / Changing Area	0	0		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	1		
	MECH1	1	Mechanical Room	80	80		C-EPY	RB	GWB-P	-	EXP	-	11/12 V-V-F	43		
	OFA02	1	Office, Administrative Assistant	100	100		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	OFA01	1	Office, Chief	150	150		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	OFA03	5	Office, Dentist	120	600		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	SECO1	1	Office, Secretary / Reception / Files / Additional Clerk	360	360		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	DNTS1	1	Oral Surgery Room	150	150		RSF	RSF	GWB-SC	-	AT (SP)	9'-0"	1/2 QQ	112		
	TLTU1	1	Patient Toilet	50	50		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18		
	DNTR1	1	Recovery Room	110	110		RSF	RSF	GWB-P	-	AT	9'-0"	1/2 V	67		
	LGSL1	1	Soiled SPD Cart Holding	60	60		RSF	RSF	GWB-SC	CT 4'-0"	AT	9'-0"	11/12 V-F	45		
Dental	SRE01	1	Storage Room	80	80		VCT	RB	GWB-P	-	AT	9'-0"	11/12 SS-F	45		
	WRC01	1	Waiting Area	155	155		VCT / CP	RB	GWB-W	-	AT	9'-0"	Open	-		
	DNXD1	1	X-Ray Area	230	230		RSF	RSF	GWB-SC	-	AT (SP)	9'-0"	Open	-		
Education Areas	CRA03	1	Educational Conference Room	1,050	1,050		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 U-T	23		
	OFA03	1	Instruction Area	250	250		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 U-T	23		

SCHEDULE E: ROOM FINISH, DOOR, AND HARDWARE SCHEDULE																
Department / Functional Area	Room Code	Qty	Function	Unit Area of (each room)	Net Area sq ft	Exclude from Net Usable	Floor	Base	Wall	Wainscot	Ceiling	Ceiling Height	Door Symbol	Hardware	Notes	
Electro-encephalography Laboratory (EEG)	OPEE1	2	EEG Exam Room	120	240		VCT	RB	GWB-P	-	AT	9'-0"	1/2 V-M	25		
	OPEE2	2	EEG Instrument and Work Room	205	205		VCT	RB	GWB-P	-	AT	9'-0"	1/2 U-T	67		
	OFA02	2	Office, Technician	100	200		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S-T	67		
	MRS01	1	Storage, EEG Records	150	150		VCT	RB	GWB-P	-	AT	9'-0"	1/2 U-T	13		
Digestive Diseases Program-Endoscopy	DR001	4	Changing Area, Patient	60	240		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	18		
	RROP1	2	Cubicle, Patient Recovery	100	200		VCT	RB	GWB-P	-	AT	9'-0"	1/2 W	67		
	XVG01	1	Dictation / Viewing Room	120	120		VCT/CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23		
	TREE1	2	EGD Procedure Room	300	600		RSF	RSF	GWB-SC	-	GWB Lay-in Panels	9'-0"	1/2 V	69		
	JANCT	1	Housekeeping Aides Closet (HAC)	40	40		CT	CT	GWB-EPY	CT 4'-0"	AT (SP)	9'-0"	1/2 T	13		
	NSTA4	1	Nurse Station	100	100		VCT	RB	GWB-W	-	AT	9'-0"	Open	-		
	OFD03	1	Office, GI Assistant	120	120		VCT/CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23		
	RECP1	1	Reception Area	120	120		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23		
	USCL2	1	Scopes Clean-up, Sterilization and Storage Room	120	120		WSF	WSF	GWB-SC	-	AT (SP)	9'-0"	1/2 S	23		
	RCA01	1	Storage, Crash Cart	20	20		VCT	RB	GWB-P	-	AT	9'-0"	Open	-		
	TLTUI	3	Toilet, Patient	50	150		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18		
	USCL1	1	Utility Room, Clean	100	100		VCT	RB	GWB-P	-	AT	9'-0"	11/12 V-F	45		
	USCL1	1	Utility Room, Soiled	80	80		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	11/12 V-F	42		
	WRC01	1	Waiting Area	150	150		VCT/CP	RB	GWB-W	-	AT	9'-0"	Open	-		
	Engineering	BMER1	1	Biomedical Engineering Repair Shop	200	200		VCT	RB	GWB-P	-	AT	9'-0"	1/2 SS-T	82	
	Environmental Management (EMS)	JMNG1	2	Housekeeping Aids Closet (HAC)	40	80		CT	CT	GWB-EPY	CT 4'-0"	AT (SP)	9'-0"	1/2 T	13	One per 13,000 sq. ft. distribute throughout OPC
		SPHRM1	1	Infectious / Hazardous Waste	120	120		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	11/12 V-F	42	
		OFA02	1	Office, Chief	150	150		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
		SECO1	1	Office, Secretary and Waiting	120	120		VCT/CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
UTC01		1	Recyclable Waste	120	120		C-EPY	RB	GWB-P	-	EXP	-	10 X	43		
LCCL1		1	Storage, Clean Linen Cart	100	100		VCT	RB	GWB-SC	CT 5'-0"	AT (SP)	9'-0"	11/12 SS-F	43		
SRSE1		1	Storage, Environmental Management Supplies / Large Equipment	750	750		VCT	RB	GWB-P	-	AT	9'-0"	11/12 V-F	69		
LCSL1		1	Storage, Soiled Linen Cart	100	100		VCT	RB	GWB-SC	CT 4'-0"	AT (SP)	9'-0"	11/12 SS-F	43		
Eye Clinic	TREY1	1	Exam / Treatment Room	130	130		VCT	RB	GWB-PW	-	AT	9'-0"	1/2 V	25		
	EYFD1	1	Fitting and Dispensing Room	120	120		VCT	RB	GWB-PW	-	AT	9'-0"	1/2 V	25		
	OFA02	1	Office, Blind Rehabilitation (VIST), Counselor	120	120		VCT/CP	RB	GWB-PW	-	AT	9'-0"	1/2 V	23		
	OFA03	6	Office, Eye Care Provider	120	720		VCT/CP	RB	GWB-PW	-	AT	9'-0"	1/2 V	23		
	EYV51	1	Photography Room	150	150		VCT	RB	GWB-PW	-	AT	9'-0"	1/2 V	25		
	RECP1	1	Reception Area	130	130		VCT/CP	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23		
	EYV1	1	Visual Fields Room	130	130		VCT	RB	GWB-PW	-	AT	9'-0"	1/2 V	25		
	WRC01	1	Waiting Area (Dilation)	60	60		VCT/CP	RB	GWB-W	-	AT	9'-0"	Open	-		
	Lobby	OFA02	1	Escort Room	150	150		VCT	RB	GWB-P	-	AT	9'-0"	1/2 T	23	
RECP3		1	Information Desk	100	100		on basis of requirements and cost	RB	GWB-P	-	AT	9'-0"	1/2 T	23		
LOB01		1	Public Telephones	30	30		on basis of requirements and cost	RB	GWB-P	-	AT	9'-0"	1/2 T	23		
SRW1		1	Storage, Wheelchair	100	100		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	14	Use HW Set 1 for Multi-use Toilets	
TLTUI		1	Toilet, Female, Public	50	50		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	14	Use HW Set 1 for Multi-use Toilets	
TLTUI		1	Toilet, Male, Public	50	50		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	14	Use HW Set 1 for Multi-use Toilets	
WRC01		1	Waiting Area	200	200		on basis of requirements and cost	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	14		
EMS: Lockers, Lounges, Toilets and Showers (LLTS)	LR002	1	Locker Room	1,500	1,500		VCT	RB	GWB-EPY	-	AT	9'-0"	1/2 S	1		
	TLT51	1	Shower, Female Staff	50	50		CT	CT	GWB-EPY	CT 4'-0"	POP-EPY	9'-0"	1/2 S	1	Full Height CT at Shower Stall	
	TLT51	1	Shower, Male Staff	50	50		CT	CT	GWB-EPY	CT 4'-0"	POP-EPY	9'-0"	1/2 S	1	Full Height CT at Shower Stall	
	TLTUI	10	Toilet, Staff	50	500		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18		

SCHEDULE E: ROOM FINISH, DOOR, AND HARDWARE SCHEDULE															
Department / Functional Area	Room Code	Qty	Function	Unit Area of (each room)	Net Area sq ft	Exclude from Net Usable	Floor	Base	Wall	Wainscot	Ceiling	Ceiling Height	Door Symbol	Hardware	Notes
Healthcare Administration (HAS)															
Free Services Section	SRS01	1	Supplemental Equipment Space	260			VCT	RB	GWBP	-	AT	9'-0"	1/2 S	13	
Free Services Section	OFA02	8	Workstation, Clerical	80	640		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S-T	25	
Free Services Section	OFA02	100	Workstation, Supervisor	200	2000		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Medical Care Cost Recovery (MCCR)	SRS01	1	Supplemental Equipment Space	140			VCT	RB	GWBP	-	AT	9'-0"	1/2 S-T	13	
Medical Care Cost Recovery (MCCR)	OFA02	4	Workstation, Clerical	80	320		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S-T	25	
Medical Care Cost Recovery (MCCR)	OFA02	2	Workstation, Supervisor	100	200		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Office of the Chief	OFA02	3	Office, Administrative Assistant	100	300		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Office of the Chief	OFA02	2	Office, Assistant Chief	120	240		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Office of the Chief	OF002	1	Office, Chief	150	150		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Office of the Chief	SEC01	1	Office, Secretary and Waiting	440	440		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S-T	25	
Office Operation (Support Services)	RPR01	1	Copy Room	150	150		VCT/CP	RB	GWBP	-	AT	9'-0"	1/2 U-T	25	
Mental Health															
Administration	OPMH1	3	Group Therapy Room	300			VCT	RB	GWBP	-	AT	9'-0"	1/2 SS-T	62	
Administration	OFA02	1	Office, Director	150	150		CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Administration	SEC01	1	Office, Secretary / Clerical	248	248		CP	RB	GWBP-W	-	AT	9'-0"	1/2 S-T	23	
Administration	RECP1	1	Reception / Control Unit	120	120		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Administration	TLT01	1	Toilet, Patient, Female	50	50		CT	CT	GWBP	CT 4'-0"	AT	9'-0"	1/2 S	18	
Administration	TLT01	1	Toilet, Patient, Male	50	50		CT	CT	GWBP	CT 4'-0"	AT	9'-0"	1/2 S	18	
Administration	TLT01	1	Toilet, Staff	50	50		CP	CT	GWBP-W	-	AT	9'-0"	1/2 S	23	
Day Treatment Center	OFDC1	5	Office, Chief	120	600		CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Day Treatment Center	OFDC1	500	Office, Counseling Staff	500	500		CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Day Treatment Center	FSN01	1	Social Activities / Dining / Multipurpose	150	150		VCT	RB	GWBP	-	AT (SP)	9'-0"	1/2 V-T	69	
Day Treatment Center	FSN01	1	Social Activities / Dining / Multipurpose	140	140		VCT	RB	GWBP	-	AT	9'-0"	11/12 SS-F	43	
Mental Health Clinic	OPMH3	1	Social Activities Space / Storage	120	120		VCT	RB	GWBP	-	AT	9'-0"	1/2 U	25	
Mental Health Clinic	OPMH3	1	Bioback Control Room / Tech Office	120	120		VCT	RB	GWBP	-	AT	9'-0"	1/2 U	25	
Mental Health Clinic	EXRG3	1	Exam / Treatment Room	120	120		VCT	RB	GWBP	-	AT	9'-0"	1/2 U	25	
Mental Health Clinic	OFDC1	150	Office, Chief	150	150		CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Mental Health Clinic	OFDC1	30	Office, Counseling Staff	120	3600		CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Mental Health Clinic	MEDP1	1	Medication / Treatment Room	120	120		VCT	RB	GWBP	-	AT	9'-0"	1/2 U	25	
Methadone Maintenance Program	PHD01	1	Methadone Dispensing Pharmacy	175	175		VCT	RB	GWBP	-	GWBP	9'-0"	30 U	157	
Methadone Maintenance Program	PHD03	1	Office / Exam Room, Nurse Practitioner	130	130		VCT	RB	GWBP	-	AT	9'-0"	1/2 S	25	
Methadone Maintenance Program	SSV01	1	Storage / Vault	50	50		VCT	RB	GWBP	-	AT	9'-0"	30 U	157	
Methadone Maintenance Program	TLT01	1	Toilet, Urine Specimen Collection	50	50		CT	CT	GWBP	CT 4'-0"	AT	9'-0"	1/2 S	18	
Methadone Maintenance Program	WR001	1	Waiting Area	150	150		VCT/CP	RB	GWBP-W	-	AT	9'-0"	Open	-	
Methadone Maintenance Program	OTDL1	1	Basic Clinic	650	650		VCT	RB	GWBP	-	AT	9'-0"	1/2 SS-T	43	
Occupational Therapy	SRS01	1	Storage	100	100		VCT	RB	GWBP	-	AT	9'-0"	11/12 SS-F	43	
Substance Abuse Clinic	OFDC1	1	Office, Chief	150	150		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Substance Abuse Clinic	OFD03	1	Office, Nurse / Pharmacist	120	120		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Substance Abuse Clinic	OFD03	1	Office, Physician	120	120		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Substance Abuse Clinic	OFDC1	1	Office, Psychologist	120	120		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Substance Abuse Clinic	SEC01	1	Office, Secretary / Clerical	184	184		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S-T	23	
Substance Abuse Clinic	OFDC1	1	Office, Social Worker	120	120		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Substance Abuse Clinic	OFA02	1	Office, Statistical Clerk	80	80		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Substance Abuse Clinic	OFDC1	1	Rehabilitation Counselor	1,120	1,120		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Substance Abuse Clinic	SRS01	1	Utility and Storage	120	120		VCT	RB	GWBP	-	AT	9'-0"	11/12 SS-F	43	
Pathology and Laboratory Medicine (PLM)															
Laboratories	LBV01	1	Blood Specimen Collection Room	120	120		VCT	RB	GWBP	-	AT	9'-0"	1/2 V-T	25	
Laboratories	LMCH1	1	Clinical Chemistry	400	400		VCT	RB	GWBP	-	AT	9'-0"	1/2 V-T	67	
Laboratories	LMM03	1	Clinical Microbiology	150	150		VCT	RB	GWBP	-	AT	9'-0"	3/4 V-T	67	
Laboratories	LESM1	1	Sterilization and Solution Preparation Room	100	100		RSF	RSF	GWBP-SC	-	GWBP-SC	9'-0"	1/2 V-T	67	
Laboratories	SRR01	1	Storage, Bulk	200	200		VCT	RB	GWBP	-	AT	9'-0"	11/12 V-F	45	
Laboratories	SRR02	1	Storage, Refrigerated	50	50		-	-	-	-	-	-	-	-	Pre-fabricated Unit(s)
Laboratories	TLT01	1	Toilet, Urine Specimen Collection	50	50		CT	CT	GWBP	CT 4'-0"	AT	9'-0"	1/2 S	18	
Laboratories	WR001	1	Waiting Area, Patient	0	0		VCT	RB	GWBP	-	AT	9'-0"	Open	-	
PLM	OFA02	1	Office, Chief Medical Technologist	120	120		VCT	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
PLM	OFD03	1	Office, Pathologist and Microscope Area	120	120		VCT	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
PLM	SEC01	1	Office, Secretary / Clerical	440	440		VCT	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	
Pharmacy															
Non-Secure Areas	OFDC2	1	Consultation Room	100	100		VCT/CP	RB	GWBP-W	-	AT	9'-0"	1/2 S	23	

SCHEDULE E: ROOM FINISH, DOOR, AND HARDWARE SCHEDULE

Department / Functional Area	Room Code	Qty	Function	Unit Area of (each room)	Net Area sq ft	Exclude from Net Usable	Floor	Base	Wall	Wainscot	Ceiling	Ceiling Height	Door Symbol	Hardware	Notes
Non-Secure Areas	OFA03	1	Prescription Receiving	140	140		VCT	RB	GWB-W	-	AT	9'-0"	-	-	-
Non-Secure Areas	WRC01	1	Waiting Area	240	240		VCT / CP	RB	GWB-W	-	AT	9'-0"	Open	-	-
Secure Areas	OFA03	1	Data Processing Space	144	144		VCT	RB	GWB-P	-	AT	9'-0"	-	-	-
Secure Areas	PHOD2	1	Dispensing	405	405		VCT	RB	GWB-P	-	AT	9'-0"	-	-	-
Secure Areas	PHS1	1	Drug Receiving, Breakdown and Verification Area	145	145		VCT	RB	GWB-P	-	AT	9'-0"	-	-	-
Secure Areas	PHMP1	1	Temporary Compounding	80	80		VCT	RB	GWB-P	-	AT	9'-0"	-	-	-
Secure Areas	PHOD1	1	Filling and Assembly	180	180		VCT	RB	GWB-P	-	AT	9'-0"	-	-	-
Secure Areas	PHMP2	1	Mail Out	180	180		VCT	RB	GWB-P	-	AT	9'-0"	-	-	-
Secure Areas	PHA02	1	Office, Assistant / Associate Chief	120	120		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	-
Secure Areas	OFA02	1	Office, Chief	150	150		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	-
Secure Areas	OFA02	2	Office, Drug Receiving, Inventory Control / Stock Manager	80	160		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	Montise Lock F04
Secure Areas	SEC01	1	Office, Secretary and Waiting	120	120		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	-
Secure Areas	OFA02	3	Office, Supervisory Pharmacist	100	300		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	-
Secure Areas	PHV3	1	Oncology, Preparation Area	180	180		WSF	WSF	Special	-	-	9'-0"	2 T-M ADO	129	Clean Room construction to comply with USP 797
Secure Areas	XXYYC	1	Oncology, Preparation Area Anteroom	35	35		WSF	WSF	Special	-	-	9'-0"	2 T-M ADO	129	Clean Room construction to comply with USP 797
Secure Areas	PHBS2	1	Oncology, Storage and Clean / Decontamination Area	60	60		WSF	WSF	Special	-	-	9'-0"	36 T	157	Clean Room construction to comply with USP 797
Secure Areas	XXYYC	1	Oncology, Clean Corridor	40	40		WSF	WSF	Special	-	-	9'-0"	2 T-M ADO	129	Clean Room construction to comply with USP 797
Secure Areas	JAN01	1	Oncology, Housekeeping Aids Closet HAC	80	80		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	23	-
Secure Areas	PHMP2	1	Prepackaging	135	135		VCT	RB	GWB-P	-	AT	9'-0"	-	-	-
Secure Areas	SRF01	1	Refrigeration / Freezer Area	88	88		VCT	RB	GWB-P	-	AT	9'-0"	-	-	-
Secure Areas	PHOD2	1	Storage, Active	450	450		VCT	RB	GWB-P	-	AT	9'-0"	-	-	-
Secure Areas	SSS01	1	Storage, Controlled Substance / Secured Dispensing	150	150		VCT	RB	GWB-P	-	GWB-P	9'-0"	30 U	157	-
Secure Areas	SRHM1	1	Storage, Flammable	30	30		VCT	RB	GWB-P	-	AT	9'-0"	11/12 S	45	Montise Lock F04
Secure Areas	SRCS1	1	Storage, Prosthetic and Medical Supplies	175	175		VCT	RB	GWB-P	-	AT	9'-0"	11/12 S	45	-
Secure Areas	TLT01	1	Toilet, Staff	50	50		CT	CT	GWB-P	CT 4'-0"	-	9'-0"	1/2 S	18	-
Physical Medicine and Rehabilitation (PMR)															
Occupational Therapy (OT)	OTGC1	1	Treatment Clinic	600	600		VCT	RB	GWB-P	-	AT	9'-0"	1/2 V-T	25	-
Occupational Therapy (OT)	SRF01	1	Storage, Equipment	100	100		VCT	RB	GWB-P	-	AT	9'-0"	11/12 S	45	-
Occupational Therapy (OT)	OFA02	1	Clinic Office	120	120		VCT	RB	GWB-P	-	AT	9'-0"	3/4 S-T	23	-
Physical Therapy (PT)	DR001	1	Dressing Room	50	50		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	18	-
Physical Therapy (PT)	TLT01	1	Toilet, Patient	55	55		CT	CT	GWB-P	CT 4'-0"	-	9'-0"	1/2 S	18	-
Physical Therapy (PT)	SRF01	1	Storage, Equipment	75	75		VCT	RB	GWB-P	-	AT	9'-0"	11/12 S	45	-
Physical Therapy (PT)	PTA1	1	Treatment Exercise Area	1,000	1,000		VCT	RB	GWB-P	-	AT	9'-0"	1/2 V-T	25	-
Physical Therapy (PT)	UTL01	1	Utility Room, Clean	100	100		VCT	RB	GWB-P	-	AT	9'-0"	11/12 V-F	45	-
PMR	WRC01	1	Waiting Area	60	60		VCT	RB	GWB-P	-	AT	9'-0"	1/2 V-T	25	-
Police and Security															
Police and Security	CROP1	1	Holding Room	60	60		VCT	RB	CMU-P / PCP-P	-	GWB-P	9'-0"	22 T-A	10	Security Mesh (not lath) at PCP and GWB
Police and Security	OPMH4	1	Operations Room	120	120		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S-T	23	-
Prosthetics and Sensory Aids															
Prosthetics and Sensory Aids	OFA02	1	Office, Chief	150	150		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	-
Prosthetics and Sensory Aids	OFA02	1	Office, Dispensing Prosthetic Clerk	312	312		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S-T	23	-
Prosthetics and Sensory Aids	OFA02	1	Office, Prosthetic Representative	120	120		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	-
Prosthetics and Sensory Aids	SEC01	1	Office, Secretary and Waiting	120	120		VCT / CP	RB	GWB-W	-	AT	9'-0"	Open	-	-
Prosthetics and Sensory Aids	SRCS1	1	Prosthetic Appliance Storage, Mailing Room	80	80		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	23	-
Prosthetics and Sensory Aids	SRCS1	1	Prosthetic Appliance Storage, Storage Room	150	150		VCT	RB	GWB-P	-	AT	9'-0"	11/12 V-F	45	-
Prosthetics and Sensory Aids	RECP1	1	Reception and Waiting Area	60	60		VCT	RB	GWB-W	-	AT	9'-0"	3/4 U-T	23	-
Pulmonary Medicine (PM)															
Pulmonary Medicine (PM)	OPPF5	1	Exercise Room	240	240		VCT	RB	GWB-W	-	AT	9'-0"	1/2 V-T	69	-
Pulmonary Medicine (PM)	TRPE2	1	Special Procedures / Bronchoscopy Room	240	240		VCT	RB	GWB-W	-	AT (SP)	9'-0"	1/2 V-T	69	-
Pulmonary Medicine (PM)	OPPF1	1	Ventilatory Test Room, Spirometry	312	312		VCT	RB	GWB-W	-	AT	9'-0"	1/2 V-T	69	-
Radiology															
Radiology	XDCS1	1	Chest Room - Dedicated	250	250		VCT	RB	GWB-P	-	AT	9'-6"	15 X	106	-
Radiology	XVC01	1	Common Viewing Room	150	150		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	-

SCHEDULE E: ROOM FINISH, DOOR, AND HARDWARE SCHEDULE

Department / Functional Area	Room Code	Qty	Function	Unit Area (each room)	Exclude from Net Usable Area	Floor	Base	Wall	Wainscot	Ceiling	Ceiling Height	Door Symbol	Hardware	Notes
Radiology	XCTS1	1	Computed Tomography, Computer / Power Equipment Room	120		AF	RB	GWB-P	-	AT	9'-6"	1/2 T	25	
Radiology	XGTC1	1	Computed Tomography, Control Room	120		AF	RB	GWB-P	-	AT	9'-6"	15 T	104	
Radiology	XCTS1	400	Computed Tomography, Scanning Room	400		VCT	RB	GWB-P	-	AT	9'-6"	15 X	106	
Radiology	SRE01	1	Computed Tomography, Storage Room	80		VCT	RB	GWB-P	-	AT	9'-0"	11/12 T	45	
Radiology	DR001	7	Dressing Room	50		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18	
Radiology	DR001	35	Dressing Room	245		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	18	
Radiology	XR001	300	General Purpose Radiology Room	300		VCT	RB	GWB-P	-	AT	9'-6"	15 X	106	
Radiology	JAN01	1	Housekeeping Aides Closet - HAC	40		CT	CT	GWB-EPY	CT 4'-0"	AT (SP)	9'-0"	1/2 T	13	
Radiology	XDM01	1	Mammography Room	160		VCT	RB	GWB-W	-	AT	9'-0"	1/2 U	25	
Radiology	OFDR1	150	Office, Chief Radiologist	150		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Radiology	OFDR1	120	Office, Professional, Non Physician	120		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Radiology	OFA03	280	Office, Reception	280		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S-T	23	
Radiology	SEC01	120	Office, Secretary and Waiting	120		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S-T	23	
Radiology	OFDR1	3	Office, Staff Radiologist	120		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Radiology	XDRF1	1	Radiographic / Fluoroscopic (RF) Room	320		VCT	RB	GWB-P	-	AT	9'-6"	15 X	106	
Radiology	TLTU1	1	Ultrasound, Toilet, Patient	50		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18	
Radiology	XDUS1	180	Ultrasound Room	180		VCT	RB	GWB-P	-	AT	9'-0"	1/2 U	25	
Radiology	UCCL1	100	Utility Room, Clean	100		VCT	RB	GWB-P	-	AT	9'-0"	11/12 V-F	45	
Radiology	USCL1	1	Utility Room, Soiled	80		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	11/12 V-F	42	
Radiology	WRC01	395	Waiting Area	395		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 U	23	
Radiology	SLRW1	7	Waiting, Wheelchair and Stretcher	25		VCT/CP	RB	GWB-W	-	AT	9'-0"	Open	-	
Service Organizations														
Service Organizations	SEC01	2	Office, Secretary	80		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Service Organizations	OFA02	4	Office, Service Organization Representative, PT	120		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Service Organizations	OFA02	2	Office, Service Organization Representative, FT	120		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Service Organizations	SR501	1	Storage	40		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	13	
Supply, Processing and Distribution (SPD)														
SPD - Clean	OFA03	1	Dispatch Area	94		VCT	RB	GWB-SC	-	AT	9'-0"	1/2 S-T	23/	
SPD - Clean	JANC1	1	Housekeeping Aides Closet (HAC)	40		CT	CT	GWB-EPY	CT 4'-0"	AT (SP)	9'-0"	1/2 T	13	
SPD - Clean	CSIA2	1	Preparation Area	300		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	2 UU-T/	82/	
SPD - Clean	ORSS1	1	Storage, Bulk and Receiving	80		VCT	RB	GWB-SC	-	AT (SP)	9'-0"	12 UU-F	161	
SPD - Clean	SRSE1	1	Storage, Equipment and Testing Room	80		VCT	RB	GWB-SC	-	AT (SP)	9'-0"	2 SS-T/	82	
SPD - Clean	SRGC1	1	Storage, Ethylene Oxide Gas Cylinder	30		C-PUT	PUT	GWB-SC	-	GWB-SC	9'-0"	12 W	43	
SPD - Clean	ORSS1	1	Storage, Sterile / Nonsterile	940		VCT	RB	GWB-SC	-	AT (SP)	9'-0"	12 UU-F	161	
SPD - Soiled	JANC1	1	Housekeeping Aides Closet (HAC)	40		CT	CT	GWB-EPY	CT 4'-0"	AT (SP)	9'-0"	1/2 T	13	
SPD - Soiled	TLTS1	1	Lockers, Toilet and Shower Facilities	80		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	1	Finishes for Lockers and Lounger. See Room Codes TLTU1 and SHWRT for finishes required in toilets and showers if provided
SPD - Soiled	CWSH1	1	Manual Equipment Wash	80		CT	CT	CT	-	PCP-SC	9'-0"	2 UU-T/	82/	
SPD - Soiled	CSDE2	1	Receiving and Decontamination Area	300		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	2 UU-T/	82/	
Surgery														
Surgery-Ambulatory Surgery	OFD03	4	Administration: Office, Anesthesiologist/ Anesthetist	120		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Surgery-Ambulatory Surgery	OFA03	4	Administration: Office, Clerical	80		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Surgery-Ambulatory Surgery	OFD03	120	Administration: Office, Resident	480		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Surgery-Ambulatory Surgery	OFD03	4	Administration: Office, Staff Surgeon	120		VCT/CP	RB	GWB-W	-	AT	9'-0"	1/2 S	23	
Surgery-Ambulatory Surgery	LR002	1	Changing Room, Patient	180		VCT	RB	GWB-P	-	AT	9'-0"	1/2 V	69	
Surgery-Ambulatory Surgery	ORCS1	1	Cystoscopic Room	450		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	15 V-T/	104/	
Surgery-Ambulatory Surgery	XDCY1	1	Cystoscopy: External Radiographic Control Room	100		WSF	WSF	GWB-EPY	-	GWB-SC	9'-6"	15 CQ-T/	109	
Surgery-Ambulatory Surgery	JANC1	1	Cystoscopy: Housekeeping Aides Closet (HAC)	40		CT	CT	GWB-EPY	CT 4'-0"	AT (SP)	9'-0"	Open	-	
Surgery-Ambulatory Surgery	ORC1	1	Cystoscopy: Instrument Preparation and Storage Room	80		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	1/2 S-T	69	
Surgery-Ambulatory Surgery	ORSA1	1	Cystoscopy: Scrub-up Area	30		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	3/4 S-T	68	
Surgery-Ambulatory Surgery	FRSS1	1	Lounge, Postoperative Recovery	200		WSF	WSF	GWB-SC	-	AT (SP)	9'-6"	1/2 SS-T	126	

SCHEDULE E: ROOM FINISH, DOOR, AND HARDWARE SCHEDULE

Department / Functional Area	Room Code	Qty	Function	Unit Area of (each room)	Net Area sq ft	Exclude from Net Usable	Floor	Base	Wall	Wainscot	Ceiling	Ceiling Height	Door Symbol	Hardware	Notes
Surgery-Ambulatory Surgery	NSTA1	1	Nurse Station	75	75		WSF	WSF	GWB-SC	-	AT (SP)	9'-6"	Open	-	
Surgery-Ambulatory Surgery	ANCW1	280	Anesthesia, Workroom and Equip. Storage	280	280		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	1/2 V-T	69	
Surgery-Ambulatory Surgery	ORCW1	640	Clean Core-Staff Workroom	640	640		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	1/2 V-T	12	
Surgery-Ambulatory Surgery	NSTA4	120	Control and Communication Center	120	120		VCT	RB	GWB-P	-	AT	9'-0"	1/2 U	23	
Surgery-Ambulatory Surgery	OFA03	15	Cubicle, Dictation	15	15		CPT	RB	GWB-P	-	AT	9'-0"	Open	-	
Surgery-Ambulatory Surgery	ORGS1	450	General Operating Room (OR)	450	900		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	1/2 X-T / 1/2	79	
Surgery-Ambulatory Surgery	ORPH2	80	Holding Area, Patient	80	240		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	Open	-	
Surgery-Ambulatory Surgery	JANC1	100	Housekeeping Aides Closet 1 (HAC), Small	100	100		WSF	WSF	GWB-EPY	CT 4'-0"	AT (SP)	9'-0"	1/2 T	13	
Surgery-Ambulatory Surgery	JANC2	100	Housekeeping Aides Closet 2 (HAC), Large	100	100		WSF	WSF	GWB-EPY	CT 4'-0"	AT (SP)	9'-0"	1/2 T	13	
Surgery-Ambulatory Surgery	XXYXC	OR	Dedicated Electrical Room (if provided at Clean Core)	100	100		WSF	WSF	GWB-EPY	-	GWB-EPY	9'-6"	1/2 V	13	
Surgery-Ambulatory Surgery	LBPT1	100	Laboratory, Frozen Section	100	100		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	1/2 S	67	
Surgery-Ambulatory Surgery	LR002	192	Locker Room, Female Staff	192	192		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	1	
Surgery-Ambulatory Surgery	LR002	192	Locker Room, Male Staff	192	192		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	1	
Surgery-Ambulatory Surgery	SL001	130	Lounge, Nurses and other OR Staff	130	130		CP	RB	GWB-P	-	AT	9'-0"	1/2 S	1	
Surgery-Ambulatory Surgery	SL001	130	Lounge, Surgeons, Residents and Students	130	130		CP	RB	GWB-P	-	AT	9'-0"	1/2 S	1	
Surgery-Ambulatory Surgery	OFD03	120	Officer, Head Nurse	120	120		VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
Surgery-Ambulatory Surgery	ORSA1	110	Scrub-up Area	110	110		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	1/2 S-T or 15 S-V	108	
Surgery-Ambulatory Surgery	USCL1	100	Soiled Holding / Disposal Room	100	100		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	11/12 V-F	42	
Surgery-Ambulatory Surgery	SRG01	35	Storage, Gas Cylinder Room	35	105		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	11/12 S	42	
Surgery-Ambulatory Surgery	USCL1	100	Storage, Clean and Sterile Supplies	100	100		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	11/12 V-F	42	
Surgery-Ambulatory Surgery	SRE01	200	Storage, Equipment and Apparatus	200	200		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	11/12 V-F	42	
Surgery-Ambulatory Surgery	SRLW1	24	Storage, Gurney	24	72		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	1/2 V	4	
Surgery-Ambulatory Surgery	ORSR1	100	Substerile Room	100	100		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	15 S-V	12	
Surgery-Ambulatory Surgery	TLTF2	125	Toilet / Shower Room, Female Staff	125	125		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S / Open	1	Full Height CT at Showers
Surgery-Ambulatory Surgery	TLTM2	125	Toilet / Shower Room, Male Staff	125	125		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S / Open	1	Full Height CT at Showers
Surgery-Ambulatory Surgery	MEDP1	55	Postanesthesia Recovery (PAR), Medication Preparation Room	55	55		WSF	WSF	GWB-SC	-	AT (SP)	9'-0"	1/2 U	13	
Surgery-Ambulatory Surgery	NSTA4	120	Postanesthesia Recovery (PAR), Nurse Station	120	120		WSF	WSF	GWB-SC	-	AT (SP)	9'-0"	Open	-	
Surgery-Ambulatory Surgery	RROP1	6	Postanesthesia Recovery (PAR), Recovery Bed	140	840		WSF	WSF	GWB-SC	-	AT (SP)	9'-0"	Open	-	
Surgery-Ambulatory Surgery	SRS01	70	Postanesthesia Recovery (PAR), Storage	70	70		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	1/2 V	42	
Surgery-Ambulatory Surgery	TLTU1	50	Postanesthesia Recovery (PAR), Toilet, Staff	50	50		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18	
Surgery-Ambulatory Surgery	USCL1	100	Postanesthesia Recovery (PAR), Utility Room, Clean	100	100		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	11/12 V-F	42	
Surgery-Ambulatory Surgery	USCL1	80	Postanesthesia Recovery (PAR), Utility Room, Soiled	80	80		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	11/12 V-F	42	
Surgery-Ambulatory Surgery	RECP1	120	Reception	120	120		WSF	WSF	GWB-SC	-	GWB-SC	9'-0"	Open	-	
Surgery-Ambulatory Surgery	RCR01	20	Storage, Crash Cart	20	20		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18	
Surgery-Ambulatory Surgery	TLTU1	50	Toilet, Patient	50	100		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S-T	40	
Surgery-Ambulatory Surgery	WRFO1	140	Waiting, Patient / Family	140	140		CP	RB	GWB-W	-	AT	9'-0"	Open	-	
Surgery-Ambulatory Surgery	DR001	180	Changing Room, Patient	180	180		VCT	RB	GWB-P	-	GWB-P	9'-0"	1/2 S	1	
Surgery-Ambulatory Surgery	NSTA1	90	Control and Communication Center	90	90		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	Open	-	
Surgery-Ambulatory Surgery	ORPH2	80	Holding Area, Patient	80	80		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	Open	-	
Surgery-Ambulatory Surgery	JANC1	60	Housekeeping Aides Closet	60	60		CT	CT	GWB-EPY	CT 4'-0"	AT (SP)	9'-0"	1/2 T	13	
Surgery-Ambulatory Surgery	LR002	48	Locker Room, Female Staff	48	48		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	1	
Surgery-Ambulatory Surgery	LR002	48	Locker Room, Male Staff	48	48		VCT	RB	GWB-P	-	AT	9'-0"	1/2 S	1	
Surgery-Ambulatory Surgery	FRSS1	200	Lounge, Postoperative Recovery	200	200		WSF	WSF	GWB-SC	-	AT (SP)	9'-0"	1/2 X-T	67	
Surgery-Ambulatory Surgery	TRGS1	250	Minor Procedure / Operating Room (OR)	250	500		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	1/2 X-T / 1/2	79	
Surgery-Ambulatory Surgery	NSTA1	75	Nurse Station	75	75		WSF	WSF	GWB-SC	-	AT (SP)	9'-6"	Open	-	
Surgery-Ambulatory Surgery	OFA02	120	Office, Head Nurse	120	120		VCT / CP	RB	GWB-P	-	AT	9'-0"	1/2 S	23	
Surgery-Ambulatory Surgery	RECP1	120	Reception	120	120		VCT / CP	RB	GWB-W	-	AT	9'-0"	1/2 S-T	40	
Surgery-Ambulatory Surgery	ORSA1	100	Scrub Room / Sterilizer Area	100	100		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	1/2 S-T or 15 S-V	108	
Surgery-Ambulatory Surgery	USCL1	80	Soiled Holding / Disposal Room	80	80		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	11/12 V-F	42	
Surgery-Ambulatory Surgery	SRG01	35	Storage, Gas Cylinder Room	35	35		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	11/12 V-F	42	
Surgery-Ambulatory Surgery	USCL1	80	Storage, Clean and Sterile Supplies	80	80		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	11/12 V-F	42	
Surgery-Ambulatory Surgery	RCR01	20	Storage, Crash Cart	20	20		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	Open	-	
Surgery-Ambulatory Surgery	SRE01	80	Storage, Equipment and Apparatus	80	80		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	11/12 V-F	42	
Surgery-Ambulatory Surgery	SRLW1	24	Storage, Gurney	24	24		WSF	WSF	GWB-SC	-	GWB-SC	9'-6"	1/2 V	4	
Surgery-Ambulatory Surgery	TLTU1	50	Toilet, Patient	50	100		CT	CT	GWB-P	CT 4'-0"	AT	9'-0"	1/2 S	18	

PART VII

LABOR STANDARDS PROVISION

PART VII: LABOR STANDARDS PROVISIONS

1. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT-OVERTIME COMPENSATION (FAR 52.222-4) (JULY 2005)

(a) *Overtime requirements.* No Contractor or subcontractor employing laborers or mechanics (see Federal Acquisition Regulation [22.300](#)) shall require or permit them to work over 40 hours in any workweek unless they are paid at least 1 and 1/2 times the basic rate of pay for each hour worked over 40 hours.

(b) *Violation; liability for unpaid wages; liquidated damages.* The responsible Contractor and subcontractor are liable for unpaid wages if they violate the terms in paragraph (a) of this clause. In addition, the Contractor and subcontractor are liable for liquidated damages payable to the Government. The Contracting Officer will assess liquidated damages at the rate of \$10 per affected employee for each calendar day on which the employer required or permitted the employee to work in excess of the standard workweek of 40 hours without paying overtime wages required by the Contract Work Hours and Safety Standards Act.

(c) *Withholding for unpaid wages and liquidated damages.* The Contracting Officer will withhold from payments due under the contract sufficient funds required to satisfy any Contractor or subcontractor liabilities for unpaid wages and liquidated damages. If amounts withheld under the contract are insufficient to satisfy Contractor or subcontractor liabilities, the Contracting Officer will withhold payments from other Federal or federally assisted contracts held by the same Contractor that are subject to the Contract Work Hours and Safety Standards Act.

(d) Payrolls and basic records.

(1) The Contractor and its subcontractors shall maintain payrolls and basic payroll records for all laborers and mechanics working on the contract during the contract and shall make them available to the Government until 3 years after contract completion. The records shall contain the name and address of each employee, social security number, labor classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. The records need not duplicate those required for construction work by Department of Labor regulations at 29 CFR 5.5(a)(3) implementing the Davis-Bacon Act.

(2) The Contractor and its subcontractors shall allow authorized representatives of the Contracting Officer or the Department of Labor to inspect, copy, or transcribe records maintained under paragraph (d)(1) of this clause. The Contractor or subcontractor also shall allow authorized representatives

of the Contracting Officer or Department of Labor to interview employees in the workplace during working hours.

(e) *Subcontracts.* The Contractor shall insert the provisions set forth in paragraphs (a) through (d) of this clause in subcontracts that may require or involve the employment of laborers and mechanics and require subcontractors to include these provisions in any such lower tier subcontracts. The Contractor shall be responsible for compliance by any subcontractor or lower-tier subcontractor with the provisions set forth in paragraphs (a) through (d) of this clause.

2. DAVIS-BACON ACT FAR 52.222-6 (JULY 2005)

(a) Definition.—“Site of the work”—

(1) Means—

(i) *The primary site of the work.* The physical place or places where the construction called for in the contract will remain when work on it is completed; and

(ii) *The secondary site of the work, if any.* Any other site where a significant portion of the building or work is constructed, provided that such site is—

(A) Located in the United States; and

(B) Established specifically for the performance of the contract or project;

(2) Except as provided in paragraph (3) of this definition, includes any fabrication plants, mobile factories, batch plants, borrow pits, job headquarters, tool yards, etc., provided—

(i) They are dedicated exclusively, or nearly so, to performance of the contract or project; and

(ii) They are adjacent or virtually adjacent to the “primary site of the work” as defined in paragraph (a)(1)(i), or the “secondary site of the work” as defined in paragraph (a)(1)(ii) of this definition;

(3) Does not include permanent home offices, branch plant establishments, fabrication plants, or tool yards of a Contractor or subcontractor whose locations and continuance in operation are determined wholly without regard to a particular Federal contract or project. In addition, fabrication plants, batch plants, borrow pits, job headquarters, yards, etc., of a commercial or material supplier which are established by a supplier of materials for the project before opening of bids and not on the Project site, are not included in the “site of the work.” Such permanent, previously established facilities are not a part of the “site of the work” even if the operations for a period of time may be dedicated exclusively or nearly so, to the performance of a contract.

(b)(1) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage

determination of the Secretary of Labor which is attached hereto and made a part hereof, or as may be incorporated for a secondary site of the work, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics. Any wage determination incorporated for a secondary site of the work shall be effective from the first day on which work under the contract was performed at that site and shall be incorporated without any adjustment in contract price or estimated cost. Laborers employed by the construction Contractor or construction subcontractor that are transporting portions of the building or work between the secondary site of the work and the primary site of the work shall be paid in accordance with the wage determination applicable to the primary site of the work.

(2) Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (e) of this clause; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such period.

(3) Such laborers and mechanics shall be paid not less than the appropriate wage rate and fringe benefits in the wage determination for the classification of work actually performed, without regard to skill, except as provided in the clause entitled Apprentices and Trainees. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein; provided that the employer's payroll records accurately set forth the time spent in each classification in which work is performed.

(4) The wage determination (including any additional classifications and wage rates conformed under paragraph (c) of this clause) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the primary site of the work and the secondary site of the work, if any, in a prominent and accessible place where it can be easily seen by the workers.

(c)(1) The Contracting Officer shall require that any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The Contracting Officer shall approve an additional classification and wage rate and fringe benefits therefor only when all the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination.

(ii) The classification is utilized in the area by the construction industry.

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Contracting Officer agree on the classification and wage rate (including

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the amount designated for fringe benefits, where appropriate), a report of the action taken shall be sent by the Contracting Officer to the Administrator of the:

Wage and Hour Division
Employment Standards Administration
U.S. Department of Labor
Washington, DC 20210

The Administrator or an authorized representative will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.

(3) In the event the Contractor, the laborers or mechanics to be employed in the classification, or their representatives, and the Contracting Officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the Contracting Officer shall refer the questions, including the views of all interested parties and the recommendation of the Contracting Officer, to the Administrator of the Wage and Hour Division for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits, where appropriate) determined pursuant to paragraphs (c)(2) and (c)(3) of this clause shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(d) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(e) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program; provided, That the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

3. WITHHOLDING OF FUNDS (FAR 52.222-7) (FEB 1988)

The Contracting Officer shall, upon his or her own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the Contractor under this contract or any other Federal contract with the same Prime Contractor, or any other Federally assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same Prime

Contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the Contracting Officer may, after written notice to the Contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

4. PAYROLLS AND BASIC RECORDS (FAR 52.222-8) (FEB 1988)

(a) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of 3 years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1 (b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made, and actual wages paid. Whenever the Secretary of Labor has found, under paragraph (d) of the clause entitled Davis-Bacon Act, that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1 (b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(b)(1) The Contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the Contracting Officer. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under paragraph (a) of this clause. This information may be submitted in any form desired. Optional Form WH-347 (Federal Stock Number 029-005-00014-1) is available for this purpose and may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. The Prime Contractor is responsible for the submission of copies of payrolls by all subcontractors.

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify

(i) That the payroll for the payroll period contains the information required to be maintained under paragraph (a) of this clause and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in the Regulations, 29 CFR Part 3; and

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by subparagraph (b)(2) of this clause.

(4) The falsification of any of the certifications in this clause may subject the Contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18, and Section 3729 of Title 31 of the United States Code.

(c) The Contractor or subcontractor shall make the records required under paragraph (a) of this clause available for inspection, copying, or transcription by the Contracting Officer or authorized representatives of the Contracting Officer or the Department of Labor. The Contractor or subcontractor shall permit the Contracting Officer or representatives of the Contracting Officer or the Department of Labor to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit required records or to make them available, the Contracting Officer may, after written notice to the Contractor, take such action as may be necessary to cause the suspension of any further payment. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

5. APPRENTICES AND TRAINEES (FAR 52.222-9)(JULY 2005)

(a) Apprentices.

(1) An apprentice will be permitted to work at less than the predetermined rate for the work performed when employed—

(i) Pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer, and Labor Services (OATELS) or with a State Apprenticeship Agency recognized by the OATELS; or

(ii) In the first 90 days of probationary employment as an apprentice in such an apprenticeship program, even though not individually registered in the program, if certified by the OATELS or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

(2) The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program.

(3) Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph (a)(1) of this clause, shall be paid not less than the applicable wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) Where a Contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination.

(5) Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

(6) In the event OATELS, or a State Apprenticeship Agency recognized by OATELS, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(b) Trainees.

(1) Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer, and Labor Services (OATELS). The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by OATELS.

(2) Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of

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the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed in the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate in the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the OATELS shall be paid not less than the applicable wage rate in the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate in the wage determination for the work actually performed.

(3) In the event OATELS withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(c) *Equal employment opportunity.* The utilization of apprentices, trainees, and journeymen under this clause shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

6. COMPLIANCE WITH COPELAND ACT REQUIREMENTS (FAR 52.222-10) (FEB 1988)

The Contractor shall comply with the requirements of 29 CFR Part 3, which are hereby incorporated by reference in this contract.

7. SUBCONTRACTS (LABOR STANDARDS) (FAR 52.222-11) (JULY 2005)

(a) *Definition.* "Construction, alteration or repair," as used in this clause, means all types of work done by laborers and mechanics employed by the construction Contractor or construction subcontractor on a particular building or work at the site thereof, including without limitation—

- (1) Altering, remodeling, installation (if appropriate) on the site of the work of items fabricated off-site;
- (2) Painting and decorating;
- (3) Manufacturing or furnishing of materials, articles, supplies, or equipment on the site of the building or work;

(4) Transportation of materials and supplies between the site of the work within the meaning of paragraphs (a)(1)(i) and (ii) of the "site of the work" as defined in the FAR clause at [52.222-6](#), Davis-Bacon Act of this contract, and a facility which is dedicated to the construction of the building or work and is deemed part of the site of the work within the meaning of paragraph (2) of the "site of work" definition; and

(5) Transportation of portions of the building or work between a secondary site where a significant portion of the building or work is constructed, which is part of the "site of the work" definition in paragraph

(a)(1)(ii) of the FAR clause at [52.222-6](#), Davis-Bacon Act, and the physical place or places where the building or work will remain (paragraph (a)(1)(i) of the FAR clause at [52.222-6](#), in the "site of the work" definition).

(b) The Contractor shall insert in any subcontracts for construction, alterations and repairs within the United States the clauses entitled—

- (1) Davis-Bacon Act;
- (2) Contract Work Hours and Safety Standards Act—Overtime Compensation (if the clause is included in this contract);
- (3) Apprentices and Trainees;
- (4) Payrolls and Basic Records;
- (5) Compliance with Copeland Act Requirements;
- (6) Withholding of Funds;
- (7) Subcontracts (Labor Standards);
- (8) Contract Termination—Debarment;
- (9) Disputes Concerning Labor Standards;
- (10) Compliance with Davis-Bacon and Related Act Regulations; and
- (11) Certification of Eligibility.

(c) The prime Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor performing construction within the United States with all the contract clauses cited in paragraph (b).

(d)(1) Within 14 days after award of the contract, the Contractor shall deliver to the Contracting Officer a completed [Standard Form \(SF\) 1413](#), Statement and Acknowledgment, for each subcontract for construction within the United States, including the subcontractor's signed and dated acknowledgment that the clauses set forth in paragraph (b) of this clause have been included in the subcontract.

(2) Within 14 days after the award of any subsequently awarded subcontract the Contractor shall deliver to the Contracting Officer an updated completed [SF 1413](#) for such additional subcontract.

(e) The Contractor shall insert the substance of this clause, including this paragraph (e) in all subcontracts for construction within the United States.

8. CONTRACT TERMINATION--DEBARMENT (FAR 52.222-12) (FEB 1988)

A breach of the contract clauses entitled *Davis-Bacon Act, Contract Work Hours and Safety Standards Act-Overtime Compensation, Apprentices and Trainees, Payrolls and Basic Records, Compliance with Copeland Act Requirements, Subcontracts (Labor Standards), Compliance with Davis-Bacon and Related Act Regulations, or Certification of Eligibility* may be grounds for termination of the contract, and for debarment as a Contractor and subcontractor as provided in 29 CFR 5.12.

Part VII: Labor Standards Provisions--Page 10 of 13

9. COMPLIANCE WITH DAVIS-BACON AND RELATED ACT REGULATIONS (FAR 52.222-13) (FEB 1988)

All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are hereby incorporated by reference in this contract.

10. DISPUTES CONCERNING LABOR STANDARDS (FAR 52.222-14) (FEB 1988)

The United States Department of Labor has set forth in 29 CFR Parts 5, 6, and 7 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes clause of this contract. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

11. CERTIFICATION OF ELIGIBILITY (FAR 52.222-15) (FEB 1988)

(a) By entering into this contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(b) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(c) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

12. SUPPLEMENTARY LABOR STANDARDS PROVISIONS (VAAR 852.236-85) (APR 1984)

(a) The wage determination decision of the Secretary of Labor is set forth in section G. R. General Requirements, of this contract. It is the result of a study of wage conditions in the locality and establishes the minimum hourly rates of wages and fringe benefits for the described classes of labor in accordance with applicable law. No increase in the contract price will be allowed or authorized because of payment of wage rates in excess of those listed.

(b) The contractor shall submit the required copies of payrolls to the contracting officer through the resident engineer or engineer officer, when acting in that capacity. Department of Labor Form WH-347, Payroll, available from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, may be used for this purpose. If, however, the contractor or subcontractor elects to use an individually composed payroll form, it shall contain the same information shown on Form WH-347, and in

addition to be accompanied by Department of Labor Form WH-348, Statement of Compliance, or any other form containing the exact wording of this form.

[INSERT CURRENT WAGE RATES HERE]

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PART VIII

FORMS

PART VIII FORMS

PROPOSAL TO LEASE SPACE (FORM 1364A)

LESSOR'S ANNUAL COST STATEMENT (FORM 1217)

SOLICITATION PROVISIONS (FORM 3516A)

GENERAL CLAUSES (FORM 3517B)

REPRESENTATIONS AND CERTIFICATIONS (FORM 3518)

U.S. GOVERNMENT LEASE FORM (SF 2)

ARCHITECT-ENGINEER QUALIFICATIONS (SF 330)

CONTRACTOR'S QUALIFICATIONS AND FINANCIAL INFORMATION (FORM 527)

PAST PERFORMANCE SURVEY FORM

BID BOND (SF 24)

PERFORMANCE BOND (SF25)

SUPPLEMENTAL LEASE AGREEMENT (SF 276)

CERTIFICATE OF CURRENT COST OR PRICING DATA

CERTIFICATE OF BUILDING ENERGY PERFORMANCE

Part VIII -- Forms

Refer to Part I Section 10 and the Form 1364 Guidance for instructions on completing this form.

PROPOSAL TO LEASE SPACE (For use with TI SFO and/or National Broker Contract)	IN RESPONSE TO SOLICITATION NUMBER →	DATED
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SECTION I - DESCRIPTION OF PREMISES

1a. BUILDING NAME		2a. FLOORS OFFERED	3. TOTAL RENTABLE SPACE			
1b. BUILDING ADDRESS		2b. TOTAL NUMBER OF FLOORS IN BUILDING	a. GENERAL PURPOSE (Office) sq. ft.	b. WAREHOUSE sq. ft.	c. OTHER sq. ft.	
1c. CITY	1d. STATE		4. LIVE FLOOR LOAD lbs. / sq. ft.	5. MEASUREMENT METHOD ANSI/BOMA [] OTHER []	6. YEAR OF LAST MAJOR RENOVATION (if applicable)	7. BUILDING AGE
1e. 9-DIGIT ZIP CODE	1f. CONGRESSIONAL DISTRICT					

SECTION II - SPACE OFFERED AND RATES

	ANSI/BOMA OFFICE AREA SQUARE FEET (1)	RENTABLE SQUARE FEET (2)	COMMON AREA FACTOR (3)	INITIAL TERM		9. SPACE BUILDOUT & AMORTIZATION	
				SQ. FT. RATE PER YEAR (RENTABLE) (4)	TOTAL ANNUAL AMOUNT (2) x (4) (5)		DOLLAR AMOUNT
8.	a. ANNUAL RENTAL Full Service Lease					a. TOTAL BUILDOUT	\$
	b. OPERATING COSTS (SERVICE COSTS)	<i>(Refer to Line 27 on GSA Form 1217)</i>		\$	\$	b. SHELL BUILDOUT (Per requirements in SFO)	\$
	c. CURRENT REAL ESTATE TAX	Include in Shell Rent and Provide Current Year Statement <i>(Refer to Line 28 on GSA Form 1217)</i>				c. TENANT IMPROVEMENTS (Per requirements in SFO)	<i>(Excluding 9b requirements)</i> \$
	d. AMORT. OF TENANT IMPROVEMENTS	<i>(Complete items 9a thru 10)</i>		<i>[10 divided by 8a(2)]</i> \$	<i>(see 10)</i> \$	d. AMORT. RATE	%
	e. SHELL RENTAL	<i>8a(5) minus sum of [8b(5) and 8d(5)]</i>		\$	\$	e. AMORT. TERM	MONTHS
	<i>Note: When multiplying column 4 by column 2, it may not equal column 5, due to rounding. The Offeror is encouraged to minimize the rounding error.</i>						f. AMORT. OF TENANT IMPROVEMENTS <i>(Use 9c as</i>
11.	Tenant Improvements shall be all alterations for the Government-demised area above the building shell build out. The Tenant Improvement Allowance as stated under Block 9c is not included in the shell rent. It is expected that the tenant build out will be fully amortized at the end of the firm term and the rent reduced accordingly. Any desired rent increases or decreases should be reflected in the shell rate and fully explained as part of this written proposal. If tenant improvements are to be amortized beyond the firm term, said calculations will be itemized as part of this written proposal.					10. AMORT. OF TENANT IMPROVEMENTS	<i>(9f X 12 months)</i> \$ (per year)
12.	COMMISSIONS a. Tenant Representative Commission: %		b. Owner's Representative %		c. Schedule of Commission payments: % at lease award and/or % at lease occupancy		
13.	a. Number of parking spaces for the entire building/facility, which are under the control of the Offeror:		b. Number of parking spaces for Official Government Vehicles (per SFO): Annual cost per space: \$		c. Number of parking spaces for Employee/Visitor Use: Annual cost per space: \$ Number required by local code:		

SECTION III - LEASE TERMS AND CONDITIONS

14. INITIAL LEASE TERM (Full Term)			15. RENEWAL OPTIONS			
a. NUMBER OF YEARS	b. YEARS FIRM	c. NUMBER OF DAYS NOTICE REQUIRED FOR GOVERNMENT TO TERMINATE LEASE:	a. SHELL RATE / RSF / YR \$	b. YEARS EACH	c. NUMBER OF OPTIONS	d. NUMBER OF DAYS NOTICE REQUIRED TO EXERCISE RENEWAL OPTION:

GSA FORM 1364A – PROPOSAL TO LEASE SPACE GUIDANCE

Any and all references to ANSI/BOMA square feet on GSA forms should be read as NUSF for the purpose of this solicitation.

I. SECTION I -DESCRIPTION OF PREMISES

Block 1a

Building Name

The Offeror should provide the building name of the proposed facility/building, to house the Government's space requirement, if applicable.

Block 1b

Building Address

The Offeror must provide the building address of the proposed facility/building, to house the Government's space requirement.

Block 1c

Building City

The Offeror must provide the name of the City the proposed facility/building is located.

Block 1d

Building State

The Offeror must provide the name of the State or U.S. Territory the proposed facility/building is located.

Block 1e

Building 9-Digit Zip Code

The Offeror must provide the 9-Digit United States Postal Service Zip Code for the address of the proposed facility/building.

The 9-Digit Zip Code can be found on the United States Postal Service Web Site either on <http://zip4.usps.com/zip4/welcome.htm> or <http://www.usps.com/>

Block 1f

Building's Congressional District

The Offeror must provide the Congressional District where the proposed facility/building is located.

The Congressional District can be found on the United States House of Representatives Web Site <http://www.house.gov/>

Block 2a

Specific Floors Offered

The Offeror must specifically identify the floor(s) offered in his/her building.

Block 2b

Total Number of Floors in Building

The Offeror must provide the total number of floors in the building.

Block 3a

Total Rentable Square Feet

If the building/facility offered is a general-purpose office and/or retail facility, the Offeror must provide the total rentable square feet of space being offered to house the Government's space requirement. Rentable space is the area for which a tenant is charged rent. The rentable square feet are determined by the building owner and agreed to by the Contracting Officer. The rentable space may include a share of building support/common areas such as elevator lobbies, building corridors, and floor service areas. Floor service areas typically include restrooms, janitor rooms, telephone closets, electrical closets, and mechanical rooms. The rentable space does not include vertical building penetrations and their enclosing walls, such as stairs, elevator shafts, and vertical ducts.

Block 3b

Total Rentable Square Feet

If the building/facility offered was constructed as a warehouse, the Offeror must provide the total rentable square feet of space being offered to house the Government's space requirement.

Block 3c

Total Rentable Square Feet

If other space is being offered as part of the proposal, i.e., storage space within an office and/or retail facility, the Offeror should differentiate and provide the total rentable square feet being offered to the Government under Block 3c. Please note that storage space within an office and/or retail facility is not warehouse space.

Block 4**Live Floor Load**

The proposal must include the live load capacity of the space offered to the Government. Office areas shall have a minimum live load capacity of 50 pounds per ANSI/BOMA Office Area square foot plus 20 pounds per ANSI/BOMA Office Area square foot for moveable partitions. Storage areas shall have a minimum live load capacity of 100 pounds per ANSI/BOMA Office Area square foot including moveable partitions. A report showing the floor load capacity, at no cost to the Government, by a registered professional engineer may be required. Calculations and structural drawings may also be required. Please note that warehouse requirements require additional floor load capacity.

Block 5**Measurement Method**

The Offeror must identify their method of measurement for the Office Area, which means "the area where a tenant normally houses personnel and/or furniture, for which a measurement is to be computed." The Government recognizes the American National Standards Institute/Building Owners and Managers Association (ANSI/BOMA) international standard (Z65.1-1996) definition for Office Area. ANSI/BOMA Office Area square feet shall be computed by measuring the area enclosed by the finished surface of the room side of corridors (corridors in place as well as those required by local codes and ordinances to provide an acceptable level of safety and/or to provide access to essential building elements) and other permanent walls, the dominant portion (refer to Z65.1) of building exterior walls, and the center of tenant-separating partitions. Where alcoves, recessed entrances, or similar deviations from the corridor are present, ANSI/BOMA Office Area square feet shall be computed as if the deviation were not present.

Block 6**Year of Last Major Renovation**

The Offeror should provide the date of the last building renovation, if applicable.

Block 7**Building Age**

The Offeror must identify the facility/buildings age or the year the building was constructed.

II. SECTION II-SPACE OFFERED AND RATES**Block 8a(1)****ANSI/BOMA Office Area**

The Offeror must provide the total ANSI/BOMA Office Area square feet of space being offered to house the Government's space requirement. The Government recognizes the American National Standards Institute/Building Owners and Managers Association (ANSI/BOMA) international standard (Z65.1-1996) definition for Office Area. ANSI/BOMA Office Area square feet shall be computed by measuring the area enclosed by the finished surface of the room side of corridors (corridors in place as well as those required by local codes and ordinances to provide an acceptable level of safety and/or to provide access to essential building elements) and other permanent walls, the dominant portion (refer to Z65.1) of building exterior walls, and the center of tenant-separating partitions. Where alcoves, recessed entrances, or similar deviations from the corridor are present, ANSI/BOMA Office Area square feet shall be computed as if the deviation were not present.

Block 8a(2)**Rentable Square Feet**

The Offeror must provide the total rentable square feet of space being offered to house the Government's space requirement. Rentable space is the area for which a tenant is charged rent. It is determined by the building owner and may vary by city or by building within the same city. The rentable space may include a share of building support/common areas such as elevator lobbies, building corridors, and floor service areas. Floor service areas typically include restrooms, custodial rooms, telephone closets, electrical closets, and mechanical rooms. The rentable space does not include vertical building penetrations and their enclosing walls, such as stairs, elevator shafts, and vertical ducts.

Block 8a(3)**Common Area Factor -(Rentable / (ANSI/BOMA Office Area) Factor)**

The Offeror must provide the **Common Area Factor** (a conversion factor(s) determined by the building owner and applied by the Offeror to the ANSI/BOMA Office Area square feet to determine the rentable square feet for the offered space). The equation is rentable square feet divided by ANSI/BOMA Office Area square feet.

If the space offered is **on** multiple floors and does not have a single common area factor because of changes in floor design due to building architecture/building systems or due to full floor and partial floor occupancy under the same lease proposal, the Government requests the common area factors itemized by location and by floor. If the offer is the successful offer, the Government, on a case-by-case basis, may request to have one common area factor, which would be the blended/averaged common area factor. This blended/averaged common area factor may be placed on contract documents, for internal Government purposes.

If the product of rentable square feet divided by ANSI/BOMA Office Area square feet does not round evenly, the Government requests that the result be provided up to 9 decimal places.

Block 8a(4)**Annual Rate per Rentable Square Foot**

The Offeror must provide annual rate per rentable square foot, including any and all services, utilities and ownership costs identified on the GSA Form 1217, plus all requirements specified in the Solicitation for Offers and its attachments including any tenant improvement allowance(s).

The rate may be leveled or stepped, but the Offeror must identify if the rate is leveled or must itemize the step increases.

Block 8a(5)**Total Annual Rental**

The Offeror must calculate the total annual rent based upon multiplying Block 8a(2) by 8a(4). When multiplying Block 8a(4) by Block 8a(2), it may not equal the proposed total annual rent in 8(a)5. The Offeror is encouraged to minimize the rounding error.

Block 8b(4)**Operating Cost per Rentable Square Foot**

The Offeror must provide any and all services, utility expenses, excluding ownership and managerial costs, on a first lease year rentable square foot basis. This amount is identified on Line 27 on the GSA Form 1217.

Block 8b(5)**Annual Base Operating Cost**

The Offeror must provide any and all services, utility expenses, excluding ownership and managerial costs, on a first lease year total annual cost basis. This amount is identified on Line 27 on the GSA Form 1217.

Block 8d(4)**Amortization of TIA per Rentable Square Foot**

If the Solicitation for Offers requires a Tenant Improvement Allowance, the Offeror must complete Block 9(c), Block 9(d), Block 9(e), Block 9(f), and Block 10. Block 8d(4) requires the Annual Amortization of the Tenant Improvements to be divided by the rentable square footage in Block 8a(2).

Block 8d(5)**Amortization of TIA per Annum**

If the Solicitation for Offers requires a Tenant Improvement Allowance, the Offeror must complete Block 9(c), Block 9(d), Block 9(e), Block 9(f), and Block 10. Block 8d(5) requires the Annual Amortization of the Tenant Improvements same as Block 10.

Block 8e(4)**Shell Rate per Rentable Square Foot**

The proposal must include a lease rate per rentable square foot for the building shell rental. All improvements in the base building, lobbies, common areas, and core areas shall be provided by the Offeror, at the Offeror's expense. This rate shall include, but not limited to, property financing (exclusive of Tenant Improvement), insurance, taxes, management, profit, capital expenditures, etc., for the building. The building shell rental rate shall also include all basic building systems and common area build-out, including base building lobbies, common areas, and core areas, etc., exclusive of the ANSI/BOMA Office Area space offered as required in the Solicitation for Offers. The calculation for Block 8e(4) should equate to Block 8a(4) minus the sum of [8b(4) and 8d(4)].

Block 8e(5)**Shell Rent per Annum**

The proposal must include the building shell rental. All improvements in the base building, lobbies, common areas, and core areas shall be provided by the Offeror, at the Offeror's expense. This rent shall include, but not limited to, property financing (exclusive of tenant improvement), insurance, taxes, management, profit, capital expenditures, etc., for the building. The building shell rental rate shall also include all basic building systems and common area build-out, including base building lobbies, common areas, and core areas, etc., exclusive of the ANSI/BOMA office area space offered as required in the solicitation for offers. The calculation for Block 8e(5) should equate to Block 8a(5) minus the sum of [8b(5) and 8d(5)].

Block 9a**Total Buildout Costs**

The Offeror must not include build-out costs affiliated with shell in the tenant improvement allowance costs. The purpose for this block is to quantify the total tenant area build-out costs, in the Government-demised area, to ensure any shell build-out costs are subtracted out in Block 9b. All improvements in the base building, lobbies, common areas, and core areas shall be provided by the Offeror, at the Offeror's expense. This block is as required by the GSA contracting officer.

Block 9b**Shell Buildout Costs**

The Offeror must not include build-out costs affiliated with shell in the tenant improvement allowance costs. Building shell requirements are defined in the solicitation for offers. The Offeror, at the Offeror's expense, must provide any and all costs required to satisfy the government's space requirement that is affiliated with the building shell. The building shell costs are deducted from the total tenant build out costs prior to determining the government's tenant improvement costs in Block 9c. This block is as required by the GSA contracting officer.

Block 9c**TIA provided per SFO**

If the government requires a tenant improvement allowance as part of the solicitation for offers, the Offeror must provide the total tenant improvement allowance as part of the rental consideration. The tenant improvement allowance shall be used for building out the government-demised area in accordance with the government-approved design intent drawings. The successful Offeror, as part of the rental consideration, shall perform all tenant improvements required by the government for occupancy, and all improvements shall meet the quality standards and requirements of the solicitation for offers, its attachments, and GSA Form 3517, General Clauses.

The tenant improvement allowance shall include all the Offeror's administrative costs, general contractor fees, subcontractor's profit and overhead costs, Offeror's profit and overhead, design costs, and other associated project fees necessary to prepare construction documents to complete the tenant improvements. It is the successful Offeror's responsibility to prepare all documentation (working drawings, etc.) required to receive construction permits. No costs associated with the building shell shall be included in the tenant improvement pricing.

The tenant improvement allowance dollars are defined and specified in the Solicitation for Offers or the government's lease requirements. The tenant improvement allowance is based upon and calculated by using the ANSI/BOMA Office Area square footage.

Block 9d**Amortization Rate**

If the Offeror includes a tenant improvement allowance as part of the proposal, the Offeror must provide his/her annual amortization interest rate used to finance the tenant improvement allowance. The amortization interest rate should be based upon existing market conditions using the United States prime rate, the London interbank offered rate (known as the LIBOR), and/or yields on United States Treasury securities for the term of the amortization period.

Block 9e**Amortization Term**

If the Offeror includes a tenant improvement allowance as part of the proposal, the Offeror must provide his/her amortization term in months. Unless inappropriate or negotiated in a different way by the Contracting Officer, the term most likely will be the firm term as defined by the Solicitation for Offers and its attachments.

Block 9f**Amortization of TIA, Monthly**

If the Offeror includes a tenant improvement allowance as part of the proposal, the Offeror must calculate a standard, level amortization on a monthly basis in arrears using Block 9c as the principal amount, Block 9d as the amortization interest rate, and Block 9e as the amortization term. No costs associated with the building shell shall be included in the amortization.

Block 10**Amortization of TIA, Annually**

If the Offeror includes a tenant improvement allowance as part of the proposal, the Offeror is requested to multiply Block 9f by 12 to calculate the annual amortization. If the term of the lease or if the term of the amortization period in the last year does not evenly equate to a full year, the Offeror should make note and itemize the last year amortization figure separately.

Block 11**TIA perSFO**

The Offeror is reminded that tenant improvements shall provide for all alterations for the government-demised area above the building shell build-out. It is anticipated that the tenant build-out will be fully amortized at the end of the firm term. Any desired rent increases or decreases should be reflected in the shell rate and fully explained as part of this written proposal. If tenant improvements are to be amortized beyond the firm term, said calculations will be itemized as part of this written proposal.

Block 12a**Tenant Representative Commission**

If GSA uses an authorized Realty Company as its official tenant representative, the Offeror must provide the total percentage of commission allocated in the proforma, for this proposal, to the tenant representative/tenant broker. This information is necessary to measure the national broker contract program results.

The General Services Administration (GSA) may designate an authorized Realty Company as the Government's representative. While a GSA Contracting Officer must execute the lease agreement, the authorized Realty Company will be entitled to the tenant representative/tenant broker commission, which is a common commercial real estate business practice. Such commission shall be payable to the authorized Realty Company in the form of a check due in accordance with local laws and customs but no later than the lease commencement date.

Under the terms of the contract between GSA and the authorized Realty Company, the authorized Realty Company will forego a certain percentage previously agreed to by the authorized Realty Company. The Offeror will apply the percentage foregone by the authorized Realty Company as a credit to the Shell Rent of the lease (herein, commission credit). Said credit will ultimately be reflected in a reduction to the shell rent on the Standard Form 2, entitled "U.S Government Lease for Real Property."

The Solicitation for Offers will state the percentage forgone by the authorized Realty Company.

For purposes of the price evaluation, any commission credits shall be treated as a lump sum credit and will be evaluated in accordance with the procedures established in the "Price Evaluation" paragraph in the SUMMARY section of the Solicitation for Offers. The commissions paid to the GSA authorized Realty Company, as direct payment, will not be applied to the present value analysis.

A proforma is defined as the ownerships' projected financial analysis on their income and expenses in determining their proposal to the Government.

Block 12b

Owner's Representative Commission

If GSA uses an authorized Realty Company as its official tenant representative, the Offeror must provide the total percentage of commission allocated in the proforma, for this proposal, to the owner's representative/owner's broker. This block is to gather information and measure the national broker contract program results.

Block 12c

Schedule of Commission Payments

If GSA uses an authorized Realty Company as its official tenant representative, the Offeror must provide the schedule of commission payments as allocated in the proforma, for this proposal. Under the terms of the contract between GSA and the authorized Realty Company, the authorized Realty Company will forego a certain percentage referenced above as the commission credit as part of the Realty Companies contract with GSA. The remaining commission shall be payable to the authorized Realty Company in the form of a check due in accordance with local laws and customs but no later than the lease commencement date. This block is to gather information on the timing of commission payments to measure the national broker contract program results.

Block 13a

Total Available Parking

The Offeror shall provide the number of parking spaces for the entire building/facility, which are under the control of the Offeror. If the offered building shares parking with neighboring buildings the Offeror is requested to give the total number of surface and/or structured parking available along with the total number of parking spaces surface and/or structured allocated to the offered building.

Block 13b

Parking required by SFO

If the Solicitation for Offers and its attachments requires parking for official government vehicles, the Offeror must provide as part of the proposal the number of parking spaces provided for official government vehicles along with the annual cost per space. The Offeror must specify whether the annual cost remains level over the entire term or itemize any steps in the annual cost over the term of the proposal.

Block 13c

Parking Available for General Use

The Offeror shall provide the number of parking spaces, surface and/or structured, available for Government employee and/or visitor use. Government employees and visitors are typically responsible for coordinating and funding their own parking arrangements; however, the Government requests the number of available parking spaces for Government employees and/or visitors, the annual cost, and the number required by local code, to ensure appropriate accommodation has been made as part of the lease proposal.

III. SECTION III -LEASE TERMS AND CONDITIONS

Block 14a

Number of Years for Initial

Term The Offeror is requested to confirm that the total initial term of the proposal is consistent with the Solicitation for Offers and its attachments.

Block 14b

Initial Firm Term in Years

The Offeror is requested to confirm that the firm term portion of the total initial term of the proposal is consistent with the Solicitation for Offers and its attachments. Block 14a may be the same as Block 14b, as defined by the Solicitation for Offers and its attachments.

Block 14c

Days Notice to Terminate

If the Solicitation for Offers requires, or if the Offeror provides termination rights during the term of the proposed lease, the Offeror must provide the number of days notice required for the *Government* to terminate the proposed lease.

Block 15a

Renewal Option Shell Rate

If the Solicitation for Offers requires a renewal option, the renewal options will be evaluated in accordance with the Solicitation for Offers. Block 15a requests the shell rate per rentable square foot proposed by the Offeror.

The Offeror is reminded that the Government anticipates that the tenant build-out will be fully amortized at the end of the firm term. Any desired rent increases or decreases should be reflected in the shell rate and fully explained as part of this

written proposal.

If the Offeror submits an unsolicited renewal option, the Offeror understands that *even* if his/her offer is the successful offer the Contracting Officer, may choose not to incorporate the renewal option into the lease language.

Please note procurement and appropriation regulations may prevent GSA from incorporating a renewal option into the lease agreement and may prevent GSA from ultimately exercising a renewal option written into the lease agreement.

**Block 15b
Renewal Option Term**

The Offeror is requested to confirm that the renewal term of the proposal is consistent with the Solicitation for Offers and its attachments. If the Solicitation for Offers requested more than one renewal term, the Offeror is requested to confirm that the renewal terms of the proposal are consistent with the Government's requirement.

**Block 15c
Number of Renewal Options**

The Offeror is requested to confirm that the number of renewal option periods reflected in this proposal is consistent with the Solicitation for Offers and its attachments.

**Block 15d
Days Notice to Exercise Renewal Options**

If the Solicitation for Offers requires a renewal option, the number of days notice required to exercise the renewal option is requested. The Solicitation for Offers may specify a number of days notice as determined by the Contracting Officer. Otherwise, the number of days notice should be reasonable and in accordance with market conditions.

**Block 16
Offer Good Until Award**

Offerors are responsible for submitting proposals, and any revisions, and modifications, so as to reach the appropriate *Government* office designated by the time specified in the Solicitation for Offers. Regulations regarding the submittal of proposals are summarized in Federal Acquisition Regulations 15.208. The Federal Acquisition Regulations can be found on the Federal Acquisition Institutes web site located at <http://www.arnet.gov/far/>

**Block 17
Alterations in accordance with SFO**

Space will be altered and delivered in accordance with the Government's specifications and requirements in accordance with the Solicitation for Offers and any additional attachments. The Contracting Officer, or his/her designee, may require written verification that the proposal will comply with the Government's proposed construction schedule and required occupancy date. Proposals unable to meet the terms of the Solicitation for Offers may be considered, by the Contracting Officer, non-responsive to the Government's requirement.

**Block 18
List of Additional Attachments**

The Offeror may itemize attachments submitted as part of his/her proposal as required by the Solicitation for Offers and as necessary to thoroughly and properly explain his/her offer.

**Block 19
Additional Remarks or Comments**

This block is to be used at the discretion of the Contracting Officer to request additional information. Examples include, but are not limited to:

- the overtime HVAC rate;
- the proposed rental adjustment for vacant premises;
- type of construction;
- real property tax information; and
- legal description of property proposed.

A further example is as prepared below:

Total Land Costs \$ _____ Total Building Cost \$ _____
Total Loan Amount \$ _____ Interest Rate _____ %
Estimate Fair Market Value of the Building after completion \$ _____
Current Year Tax Assessment \$. _____, Year _____ Improved _____ Unimproved _____
Percentage of Government Occupancy in this Lease _____ (based on rentable square feet)
Total rentable square feet in taxable entity _____
Is government space part of multiple property tax bills _____? If so please specify description and sf for each. _____
Copy of Current Year Tax Statement _____

Legal Description (Must Match Tax Statement):

IV. SECTION IV -OWNER IDENTIFICATION AND CERTIFICATION

Block 20

Name and Address of Recorded Owner

The Offeror must provide the name and full address of the recorded owner of the property proposed in response to the Government's requirement.

Block 21

Agreement to Lease to the United States

By submitting this offer, the Offeror agrees upon acceptance of this proposal by the herein specified date, to lease to the United States of America, the premises described, upon the terms and conditions as specified herein, in full compliance with and acceptance of the aforementioned Solicitation for Offers, with attachments.

Block 22

Offeror'S Interest in the Property

The Offeror must identify their interest in the property, whether they have an ownership interest, they are an agent, or some other relationship to the property being proposed in response to the Government's requirement.

Block 23

Offeror Information

The proposal must include the Offeror's name, title, address, email address, phone, signature and date of signature.

The Contracting Officer may request an authority to represent letter from the ownership identifying the Offeror as his/her official representative.

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PAST PERFORMANCE SURVEY FORM

1. Name and Address of Contracting Activity:

2. Contract Number: _____

3. Contract Type (Check all that apply): Negotiated _____ Sealed Bid _____
Other _____ (Identify Other) _____

4. Total Contract Amount: _____
Status: Active _____ Complete _____

5. Date of Award: _____
Contract Completion Date (including any extensions): _____

6. Description and Location of Work:

7. List of Major Subcontractors:

8. Contracting Officer (CO) or Individual Responsible for Signing Contract and Telephone/FAX Numbers:

9. Project Manager and Telephone/FAX Numbers:

10. Resident Engineer/CO's Technical Representative or Construction Supervisor and Telephone/FAX Numbers:

11. Administrative Contracting Officer or Individual Responsible for Administering the Contact, if different from #8 above, and Telephone/FAX Numbers:

A SEPARATE RECORD MUST BE COMPLETED FOR EACH CONTRACT AND SUBCONTRACT PERFORMED BY THE OFFEROR AND KEY PERSONNEL DURING THE PAST THREE (3) YEARS, AS WELL AS THOSE CURRENTLY IN PROGRESS.

Part VIII: Forms

Lessor _____ Gov't. _____

_____ of _____ Pages

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CERTIFICATE OF CURRENT COST OR PRICING DATA

This is to certify that, to the best of my knowledge and belief, the cost or pricing data (as defined in section 2.101 of the Federal Acquisition Regulation (FAR) and required under FAR subsection 15.403-4) submitted, either actually or by specific identification in writing, to the Contracting Officer or to the Contracting Officer's representative in support of _____* are accurate, complete, and current as of _____**. This certification includes the cost or pricing data supporting any advance agreements and forward pricing rate agreements between the offeror and the Government that are part of the proposal.

Firm _____

Signature _____

Name _____

Title _____

Date of execution*** _____

* Identify the proposal, request for price adjustment, or other submission involved, giving the appropriate identifying number (e.g., RFP No.).

**Insert the day, month, and year when price negotiations were concluded and price agreement was reached or, if applicable, an earlier date agreed upon between the parties that is as close as practicable to the date of agreement on price.

*** Insert the day, month, and year of signing, which should be as close as practicable to the date when the price negotiations were concluded and the contract price was agreed to.

Part VIII Forms

Lessor _____ Gov't. _____

_____ of _____ Pages

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CERTIFICATION OF BUILDING ENERGY PERFORMANCE

LOCATION:

PROJECT TITLE:

PROJECT NUMBER:

PROJECT MANAGER:

I certify that the energy performance of the above project fully satisfies the energy efficiency requirements of DOE regulations, 10 CFR Part 435, "Energy Conservation Voluntary Performance Standards for Commercial and Multi-Family High Rise Residential Buildings; Mandatory for New Federal Buildings."

NAME & TITLE

DATE

Name and Address of Architect-Engineer Firm:

Title/Position:

Professional Registration No.:

State Where Registered (use seal):

Part VIII: Forms

Lessor _____ Gov't. _____

_____ of _____ Pages

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PART IX

CONCEPTUAL PLANS

Part IX: Conceptual Floor Plans

Lessor _____ Gov't. _____

_____ of _____ Pages

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PART X

SITE SPECIFIC INFORMATION

Part X: Site Specific Information

Lessor _____ Gov't. _____

_____ of _____ Pages

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PART XI

SCHEDULE F: VA FURNISHED EQUIPMENT GUIDE LIST

PART XI: SCHEDULE F – VA FURNISHED EQUIPMENT GUIDE LIST

VA FURNISHED EQUIPMENT GUIDE LIST

Schedule F is provided as a convenience to Offerors for determining utility, support, and other infrastructure requirements that are to be included as part of the rental consideration.

The following schedule contains a listing of all **VA furnished equipment** items to be installed in the clinic.

The equipment items listed in the Schedule F are NOT to be provided by the Lessor.

Lessor shall provide supporting construction, HVAC systems, utilities, and electrical distribution in accordance with Paragraph 6.3 of Part I of the SFO.

The Excel worksheet for Schedule F is organized by Room Code. Some departments have different room names or descriptions for the same room code. All spaces with the same room code have been grouped together (green highlighted header rows) above the listing of equipment for the room or space.

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or UNS Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
Surgery-Ambulatory Surgery	ANCW1	1	OR: Anesthesia, Workroom and Equip. Storage	A5075	Dispenser, Soap, Disposable	1	W	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	W	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				E0912	Locker, Supply, Med Surg. Wall Mt'd	1	W	Medical/Surgical Supply locker, Wall Mounted, Approx 23"W x20"D. THIS TYPICAL INCLUDES: 1 Locked Storage Container 4 Tray/Shelves 5 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) 2 Tray/Shelf Dividers Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	1
				E1500	Rail, MOD, W/MINTD, HX144XD	2	W	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	2
				F3200	Clock, Battery, 12" Diameter	1	W	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M0630	Anesthesia Apparatus, 3 Gas	1	W	Three gas anesthesia apparatus. Basic unit consists of steel cabinet with casters with one shallow, one medium, and one deep drawer, seven long scale eleven-inch flowmeters, five cylinder yokes, and telescoping absorber post. It includes two-cylinder model carbon dioxide absorber with inhalation and exhalation check valves, switch valve elbow, sidearm Vernitrol, flow calculator, mounting kit, ventilator calculator, ventilator and an oxygen piping inlet. Also features nitrous oxide fail safe valve kit, aspirator kit, gas evacuator with vacuum and a flow meter safety cover. Used to dispense a mixture of gases during surgical procedures.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	W	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32x48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32.1 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M1825	Printer, Computer	1	W	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	1
				M3150	Distribution System, Medication, Automatic	1	W	An automated dispensing system that provides controlled dispensing, inventory and security. Size and cost will vary dependent on number of modules selected.	1
				M8800	Cart, Anesthesia	1	W	Mobile anesthesia cart. The cart shall be built of stainless steel and mounted on 4" casters for easy mobility. It shall be capable of being equipped with bottles holders, adjustable IV pole, storage drawers, shelves and a top bar/rail.	1
				R7050	Refrigerator, 25 Cubic Feet	1	W	General purpose refrigerator approximately 84x27x37". This unit is corrosion resistant stainless steel. It has a single self closing door with safety stops. This refrigerator is generally used in commercial kitchens, hospitals and schools.	1
Engineering	BMER1	1	Biomedical Engineering Repair Shop	F3200	Clock, Battery, 12" Diameter	1	W	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				T8045	Oscilloscope, With Accessories	1	W	Oscilloscope. Characteristics/components include 100 MHz unit; digitizing scope with a fully-functional analog scope that can control data acquisition and a switch-selectable Pre/Post/Mid-triggering with reference to a triggering event. This unit is used to evaluate electronic equipment faults.	1
				A5075	Dispenser, Soap, Disposable	AR	W	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	#/VALUE!

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or UNS Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				F3200	Clock, Battery, 12" Diameter	2	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2
				T0015	Defibrillator Analyzer, Automatic, Portable	1	VV	Defibrillator analyzer. Characteristics/components include automatic and portable with direct reading, accurately verifies the output characteristics of all defibrillators while simulating the resistance of the human body, output energy measured in joules or watt seconds on two scales of 0-200.0 or 0-1000; output energy remains displayed until the reset button is depressed once the defibrillator is fired; and output jacks provided for oscilloscope connection to observe defibrillator pulse wave shape. Shall include the optional pacemaker testing module if required by the end user. Battery powered models are available.	1
				T0020	Stand, Test, Radiological Compliance	1	VV	Adjustable test stand which accepts a test pattern disk for determining radiological tube focal spots. The stand can also be used to determine half layer values and light-radiation field registrations.	1
				T0030	Radiation-Light Field Analyzer	1	VV	Light and radiation field analyzer for quality assurance testing of radiation therapy devices. Unit is self contained and checks the coincidence of light and radiation fields, symmetry of radiation field, flatness of radiation field, and penumbra size of the radiation field. Unit has a built in graphics printer for hard copy output of scanned information.	1
				T0801	Workbench, Electric, Locker Base	1	VV	Electrical workbench approximately 34" H x 72" W x 36" D. Characteristics/components include removable maple top, with two locker units, and four box lockers each 12" W X 21" D X 15" H) in each locker unit. This workbench is used in wood and metal workshops. Workbench is a mix and match construction and can be configured to end users needs.	1
				T8015	Calibrator, Audiometer	1	VV	Audiometer calibrator system. Characteristics/components include dual-frequency, dual-amplitude capacity for calibrating precision Type 1 as well as general purpose Type 2 sound level meters; generates four selectable reference outputs at 250 and 1000 Hz, each at 94 and 110 dB; and uses a single 9 volt transistor battery. This system is used for hearing tests in hospitals and clinics.	1
				T8020	Generator, Pulse	1	VV	Pulse generator. Characteristics/components include four output modes; and complement dual outputs that greatly increase unit applicability in logic design areas, especially interfacing within a system or to peripherals. The unique output flexibility within the normal and complement modes is particularly useful in logic design or control applications requiring simultaneous signals.	1
				T8025	Generator, Function	1	VV	Function generator. Characteristics/components include generated size, triangle and square waveforms; covers 0.2 Hz to 2.0 MHz in 7 ranges; voltage controlled amplitude output; 20 dB step attenuator; four digit frequency counter display and ability to generate low-distortion sine waves which make the unit uniquely appropriate for applications requiring audio signals.	1
				T8040	Meter, Sound Level	1	VV	Sound level meter. This is a 27-140 dB sound analyzing device. It is used to analyze precision measurement and analysis of sound levels in laboratory, industrial, community, hospitals and audiology clinics. Unit is battery powered.	1
				T8045	Oscilloscope, With Accessories	1	VV	Oscilloscope. Characteristics/components include 100 MHz unit; digitizing scope with a fully-functional analog scope that can control data acquisition and a switch-selectable Pre/Post/Mid-triggering with reference to a triggering event. This unit is used to evaluate electronic equipment faults.	1
				T8055	Wattmeter, Ultrasonic	1	VV	Ultrasonic wattmeter. Characteristics/components include electronic and mechanical design to provide superior performance and greater durability; clear Plexiglas tubing on the front panel that allows the operator to immediately determine the liquid level within the sealed reservoir; and power measurements that can be conveniently read on the LCD display. This unit is a one-of-a-kind instrument used by biomedical repair persons who regularly test therapeutic ultrasound devices. Unit is battery powered.	1
AC: Urgent Care	BRIT1	1	Observation / Treatment	Infectious Isolation Bedroom					
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				X3930	Illuminator, x-ray film	1	VV	Illuminator, x-ray film, 120 volts, wall mounted, individual switch for two, 14" x 17" (350 mm x 425 mm) radiographs, 31" W x 20" H (775 mm W x 500 mm H)	1
				M7401	light, examining	1	VV	Light, examining, portable, 120 volts, approx. 18" diameter x 75" H (450 mm diameter x 1875 mm H)	1
				M1801	CRT, computer system	1	VV	CRT, computer system, with keyboard	1
				M4100	Sphygmomanometer, wall	1	VV	Sphygmomanometer, wall hung	1
				M4200	Otoscope, wall hung	1	VV	Otoscope, wall hung	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M4200	Ophthalmoscope, wall hung	1	VV	Ophthalmoscope, wall hung	1
				F2300	Magazine/literature rack	1	VV	Magazine/literature rack, wall mounted	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				A5106	Sharps container, wall mounted	1	VV	Sharps container, wall mounted	1
				A5106	Glove dispenser, wall mounted	1	VV	Glove dispenser, wall mounted	1
AC: Urgent Care	BRUN1	12	Observation / Treatment; Monitored Bed						
				M7845	Monitor, physiological	AR	VV	Monitor physiological, ECG, HRT, BP, OX	#VALUE!
				A5106	Sharps container	AR	VV	Sharps container, wall mounted	#VALUE!
				A5106	Glove dispenser	AR	VV	glove dispenser, wall mounted	#VALUE!
				X3930	Illuminator, x-ray film	AR	VV	120 volts, wall mounted, individual switch for two, 14"x17" (350mmx425mm) radiographs, 31"Wx20"H (775mm Wx500mm H)	#VALUE!
				M7401	Light, examining portable	AR	VV	120 volts, 18" diameter x 75" H (450mm diameter x 1875mm H)	#VALUE!
				M4200	Ophthalmoscope	AR	VV	Ophthalmoscope, wall hung	#VALUE!
				M4200	Otoscope	AR	VV	Otoscope, wall hung	#VALUE!
				M4100	Sphygmomanometer, Aneroid, Wall Mounted	AR	VV	Sphygmomanometer, wall hung	#VALUE!
				F0340	Stool	AR	VV	Stool, examining, adjustable	#VALUE!
Canteen Service	BX001	1	Vending Machine Area and Seating						
				A6030	Machine, Vending	AR	VV	This JSN is to be used for determining and defining the requirement for vending machines. Item is normally supplied by Canteen Service.	#VALUE!
AC: HAS (MAS)	CASH1	1	Agent Cashier						
				A6035	Repository, Night, With Safe	1	VV	Constructed of high tensile steel body and jam designed to maximize protection against pry attack. Top or front load depository features a large hopper made of formed heavy duty steel, handle activated and designed for smooth money drop operation and large package capacity. Deposit drawer features a large fish-resistant pull out drawer deposit directly into standard interior locker.	1
				E0123	Workstation, Straight, Free Standing, 72" W	1	VV	This JSN will provide a whole work station typical to quickly plan work in areas in clinical or administrative spaces. There will be a price decrease if typical work stations are used with vertical hanging strips instead of panels. THIS TYPICAL INCLUDES: 4 Standard Solid Panels 2 Panel Connectors, 2-Way Corner 1 Panel-to-Panel Connector 2 Finished End Hardware 1 Cantilevered, Work Surface 2 Lockable Flipper Units 2 Shelf, Storage/Displays 2 Lights 1 Tack board 1 Tool Rail 1 Paper Tray 1 Diagonal Tray 1 Adjustable Keyboard Tray 1 Mobile Pedestal, Box/File	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated. (batteries not included).	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32x48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	1
				M1805	Copier, Desk Top	1	VV	Desk top copier. Copier consists of two tray paper supply with clip tray, sort indicator, two page copy indicator, automatic paper selection and frame eraser with zoom capabilities. For use where low volume reproduction is required.	1
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	1
AC: Patient Education (Pat EDU)	CLR02	1	Classroom						
AC: Nutrition (Dietetics)	CLR02	1	Classroom						
				A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	2
				F0835	Stand, Projection	1	VV	Mobile projection stand with electrical outlet. Equipped with four (4) swivel casters with anti-shimmy spring cups, non-marking wheels, two (2) locking, and shelf storage. Convenience outlet required at point of use.	2
				F2100	Lectern, Mobile, With Reading Light	1	VV	Portable floor lectern with reading light and self-contained audio. May use 110V or batteries (not included). Convenience outlet required if not using batteries.	2
				F2225	Projector, Overhead	1	VV	Overhead transparency projector with hi-low lamp switch, thermal safety switch and 15 foot power cord. Convenience outlet required at point of use.	2
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, batteries not included.	2
				M0385	Projector, Multimedia/Data	1	VV	The projector shall provide computer and video projections. Minimum features included: □ Brightness of not less than 600 ANSI (American National Standards Institute) Lumens, and a minimum resolution format of 800 X 600 pixels (SVGA). The projector shall be portable and weigh no more than 10 pounds. It shall include a zoom lens and computer and video input ports.	2
				M0415	Projector, Slide, Carousel	1	VV	Carousel slide projector, approximately 6"H X 14"W X 13"D with auto focus zoom lens, remote control and 10 foot power cord. Convenience outlet required at point of use.	2
				M0430	Recorder / Player, Cassette, Video	1	VV	Professional video cassette recorder / player, approximately 5" high X 15" wide X 14" deep with VHS, NTSC, PAL, SECAM, MESECAM video cassette recorder / player capacity; 10X picture search forward and reverse; long pause mode; digital hour meter and channel 1 dubbing. Convenience outlet required at point of use.	2
				M0507	Video Teleconferencing System	1	VV	Shall be a video conferencing unit consisting of a camera, microphone, video/audio compression components, a component cart and a 32 inch monitor. It shall provide live audio-visual conferencing capabilities to dispersed geographic sites.	2
AC: HAS Medical Information Section	CMP01	1	AMIE System						
					Insert items required for project.				0
Clinic Management	CRA01	1	Conference Room						
Dental	CRA01	1	Conference Room						
				A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	2
				F0690	Workstation, Computer, Enclosed, With Lock	1	VV	Computer operator workstation, approximately 58" high X 36" wide X 25" deep. A fully enclosed workstation for a computer, monitor, printer and supplies. Cabinet has two lockable doors.	2
				F0835	Stand, Projection	1	VV	Mobile projection stand with electrical outlet. Equipped with four (4) swivel casters with anti-shimmy spring cups, non-marking wheels, two (2) locking, and shelf storage. Convenience outlet required at point of use.	2

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				F2100	Lectern, Mobile, With Reading Light	1	VV	Portable floor lectern with reading light and self-contained audio. May use 110V or batteries (not included). Convenience outlet required if not using batteries.	2
				F2225	Projector, Overhead	1	VV	Overhead transparency projector with hi-low lamp switch, thermal safety switch and 15 foot power cord. Convenience outlet required at point of use.	2
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2
				M0385	Projector, Multimedia/Data	1	VV	The projector shall provide computer and video projections. Minimum features included: Brightness of not less than 600 ANSI (American National Standards Institute) Lumens, and a minimum resolution format of 800 X 600 pixels (SVGA). The projector shall be portable and weigh no more than 10 pounds. It shall include a zoom lens and computer and video input ports.	2
				M0415	Projector, Slide, Carousel	1	VV	Carousel slide projector, approximately 6"H X 14"W X 13"D with auto focus zoom lens, remote control and 10 foot power cord. Convenience outlet required at point of use.	2
				M0430	Recorder / Player, Cassette, Video	1	VV	Professional video cassette recorder / player, approximately 5" high X 15" wide X 14" deep with VHS, NTSC, PAL, SECAM, MESECAM video cassette recorder / player capacity; 10 X picture search forward and reverse; long pause mode; digital hour meter and channel 1 dubbing. Convenience outlet required at point of use.	2
				M0507	Video Teleconferencing System	1	VV	Shall be a video conferencing unit consisting of a camera, microphone, video/audio compression components, a component cart and a 32 inch monitor. It shall provide live audio-visual conferencing capabilities to dispersed geographic sites.	2
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32MBx CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
AC: Exam / Treatment Modules (ETM)	CRA02	5	Multipurpose Conference / Classroom				VV	This JSN is to be used for determining and defining location of decorative artwork.	5
				A6046	Artwork, Decorative, With Frame	1	VV		5
				F0835	Stand, Projection	1	VV	Mobile projection stand with electrical outlet. Equipped with four (4) swivel casters with anti-shimmy spring cups, non-marking wheels, two (2) locking, and shelf storage. Convenience outlet required at point of use.	5
				F2100	Lectern, Mobile, With Reading Light	1	VV	Portable floor lectern with reading light and self-contained audio. May use 110V or batteries (not included). Convenience outlet required if not using batteries.	5
				F2225	Projector, Overhead	1	VV	Overhead transparency projector with hi-low lamp switch, thermal safety switch and 15 foot power cord. Convenience outlet required at point of use.	5
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	5
				M0385	Projector, Multimedia/Data	1	VV	The projector shall provide computer and video projections. Minimum features included: Brightness of not less than 600 ANSI (American National Standards Institute) Lumens, and a minimum resolution format of 800 X 600 pixels (SVGA). The projector shall be portable and weigh no more than 10 pounds. It shall include a zoom lens and computer and video input ports.	5
				M0415	Projector, Slide, Carousel	1	VV	Carousel slide projector, approximately 6"H X 14"W X 13"D with auto focus zoom lens, remote control and 10 foot power cord. Convenience outlet required at point of use.	5
				M0430	Recorder / Player, Cassette, Video	1	VV	Professional video cassette recorder / player, approximately 5" high X 15" wide X 14" deep with VHS, NTSC, PAL, SECAM, MESECAM video cassette recorder / player capacity; 10 X picture search forward and reverse; long pause mode; digital hour meter and channel 1 dubbing. Convenience outlet required at point of use.	5
				M0507	Video Teleconferencing System	1	VV	Shall be a video conferencing unit consisting of a camera, microphone, video/audio compression components, a component cart and a 32 inch monitor. It shall provide live audio-visual conferencing capabilities to dispersed geographic sites.	5
Education Areas	CRA03	1	Educational Conference Room						0
Police and Security	CROP1	1	Holding Room						0

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name No Schedule F Items	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
SPD- Solid	CSD22	1	Receiving and Decontamination Area	A1195	Counter, Cleanup, With 2 or 3 Sinks	1	VV	Two or three sink cleanup counter. Unit is constructed of type 304 corrosion resistant stainless steel. It consists of three sinks 14"W X 16"H X 10"D, hot and cold water faucet, and pre-rinse spray hose. Equipped with channel reinforced drainboards, and backsplash, and supported by tubular stainless steel legs. Unit is designed for use in control sterile supply decontamination areas.	1
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				S0940	Washer/Disinfecter, STM, 1DO, RSCD1WLL, 26X24X24 Cham	1	VV	A recessed mounted (through one wall), single door (vertical sliding with tempered glass window), multi-level, mechanical, washer/disinfecter, minimum chamber size 26X24X24, utilizing facility supplied steam. The unit is controlled by a microcomputer that monitors and controls all unit operations and functions and provides both audible and visual indications of deviations. A printer-recorder documents and records each cycle performance. Processing cycles are pre-programmed with pre-wash, wash/cleaning, rinse, and thermal rinse/disinfection. For use in health care facilities and laboratories where reusable items (instruments, utensils, anesthetic/respiratory goods, and glassware) are handled for decontamination purposes. This unit is not a substitute for terminal sterilization. Unit available with manual or power door, various electrical configurations, options, and accessories. Price based upon power door, 208V, 3-phase, with various options.	1
				S2635	Cleaner, Ultrasonic, SNGL Chamber, CAB, F/S	1	VV	A free-standing, cabinet mounted, single stainless steel chamber (minimum size 10X24X12), ultrasonic cleaner. The cleaning unit includes the following minimum features: power lid, automatic detergent injector, automatic level controls, automatic timer, and switch fill and drain controls. Sonic cleaning energy provided to the chamber by transducers which are powered by a solid-state generator(s) at a frequency of 40 kHz. Designed for use in surgery/reprocessing areas, central processing departments and laboratories to clean surgical instruments and other hardware with sonic energy.	1
				S2640	Cleaner, Ultrasonic, Console, DBL CHMBR, CAB, F/S	1	VV	A free-standing, cabinet mounted, double stainless steel chambers (minimum sizes 10X24X12), ultrasonic cleaner and rinser and dryer. The cleaning chamber includes the following minimum features: power lid, automatic detergent injector, automatic level controls, automatic timer, and switch fill and drain controls. Sonic cleaning energy provided to the chamber by transducers which are powered by a solid-state generator(s) at a frequency of 40 kHz. The rinsedryer chamber is of the same basic design, size, and construction as the cleaning chamber. However, the chamber has pre-positioned spray nozzles to provide complete rinse and purified-water rinse coverage and thermostatically controlled recirculated forced hot air for drying. Cleaning and rinse/drying chambers are positioned for either right-to-left or left-to-right workflow. Designed for use to clean surgical instruments and other hardware with sonic energy and effectively spray rinse and dry items after sonic cleaning.	1
				S9610	Station, Utility / Rack	2	VV	Rack / utility station. The station consists of a stainless steel countertop, 4-1/2" apron, legs and necessary cross-member supports. The stations are specially designed to handle loading racks or trays for use with a specific manufacturer's related equipment and accessories but may also serve a variety of general uses, such as accumulating, sorting, inspecting, or processing station. Various station widths/lengths (25" to 126", depending upon manufacturer) are available. Pricing based on 48" width/length.	2
SPD- Clean	CS/A2	1	Preparation Area	F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48X CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M2700	Sealer, Heat, Plastic Bag, w/Motor, Portable	3	VV	Portable plastic bag heat sealing machine. Heavy duty portable sealer, motor driven with foot switch, 16 inches long clamping jaw minimum, 1/8 inch (2mm) wide heat seal, grounding plug and 3-wire electrical cable. Equipped with low voltage impulse generator with electronic timer. For making air and water-tight seals on plastic bags.	3
				S5500	Sterilizer, Hydrogen Peroxide Gas, 1.75 cu ft Cham	1	VV	A floor mounted, low temperature hydrogen peroxide gas plasma sterilizer. Sterilization chamber shall have a capacity of approximately 3.5 cubic feet (100 liters). The sterilizer shall be capable of processing metal instruments, plastics, heat and moisture sensitive devices in approximately 75 minutes with no aeration required. Unit shall be equipped with a visual display and audible alarm. A built in printer will provide system performance record for each cycle.	1
				S9610	Station, Utility / Rack	2	VV	Rack / utility station. The station consists of a stainless steel countertop, 4-1/2" apron, legs and necessary cross-member supports. The stations are specially designed to handle loading racks or trays for use with a specific manufacturer's related equipment and accessories but may also serve a variety of general uses, such as an accumulating, sorting, inspecting, or processing station. Various station widths/lengths (25" to 126", depending upon manufacturer) are available. Pricing based on 48" width/length.	2
SPD, Soiled	CWSH1	1	Manual Equipment Wash		No Schedule F Items		NR		0
Dental	DNPL1	1	Dental Prosthetic Laboratory		<i>Insert items required for project.</i>				0
Dental	DNCS2	1	Instrument Preparation and Sterilization Room		Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5075	Cleaner, Ultrasonic, 10-12 Quart Capacity	1	VV	Ultrasonic cleaner. Used in dental laboratories and operatories to clean dental instruments and tools either as a preliminary step to sterilization or to remove material. Cleaners are available in several sizes with or without timers and/or heat. The units used for the database have a 10-12 quart capacity and are equipped with a timer and heat.	1
				D9059	Coupler, Quick Disconnect	1	VV	Quick disconnect coupler for a low pressure air line on a dental laboratory work bench. The coupler uses a 3/8" NPT connection to the servicing air supply line.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				R6800	Refrigerator/Freezer, 2 Door, 10 Cubic Feet	1	VV	This is a 10 cubic foot frostless top mount refrigerator/freezer combination that is used in households or other areas where general purpose storage of perishable items is required.	1
				S0237	Sterilizer,ELEC,VAC,2DO,RCS D 1WLL, 20x20x38 Cham	1	VV	A recessed mounted (through one wall), double power doors (vertical sliding), vacuum, sterilizer with integral steam generator. The unit is controlled by a microcomputer that monitors and controls all unit operations and functions and provides both audible and visual indications of deviations. A printer-recorder documents and records each cycle performance. For general purpose pre-vacuum or gravity steam sterilization of hospital and laboratory supplies at temperatures in the range from 110°C to 135°C (230°F to 275°F). A liquid cycle is also provided at temperatures in the range from 100°C to 121°C (212°F to 250°F). NOTE: Various electrical configurations are available for the integral steam generator, for pricing purposes 208V, 50/60HZ, 3PH, 84AMPS is used.	1
				S4800	Sterilizer, SURG INSTRU & Dressing, 10" DIA CHMBR	1	VV	A self-contained, countertop mounted, electrically heated, steam sterilizer. The unit is controlled by a microcomputer that monitors and controls all unit operations and functions and provides visual indication of cycle stages and deviations. A printer-recorder documents and records each cycle performance. For low volume, convenient, steam sterilization of liquids, media, instruments, glassware, and absorbent materials, in clinics and other areas of the health care facility.	1
				S0965	Washer/Disinfecter, Dental	1	VV	Washer disinfecter used to clean dental instruments. The unit washes, disinfects and rinses, but does not sterilize the instruments.	1
				U0008	Sterilizer, Dry Heat	1	VV	Dry Heat Sterilizer for small decon rooms.	1
Dental	DNTG2	1	Combined Dental Hygiene Operatory						1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name <i>Insert items required for project.</i>	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
Dental	DNTR1	1	Recovery Room		Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	0
				A5075	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				A5106	Worksurface, Computer, O/H Cab, Wall Mtd, 48" W	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 1 Lockable Flipper Unit 1 Shelf, Storage/Display 1 Light 1 Tack board 1 Cantilevered Work Surface 1 Adjustable Keyboard Tray 1 CPU Holder	1
				E0222	Locker, Supply, General, Wall Mtd, 23"W x 20"D	1	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Drawer, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Drawers, 9"H (229mm) 1 Tray/Shelf Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	1
				E0906	Cart, Emergency, Mobile, 66"H x 52"W x 22"D	1	VV	THIS TYPICAL INCLUDES: 1 Cart body, style-A narrow, w/raised edge top and breakaway lock bar w/labs 2 Accessory rails, side 1 Accessory rail, back 1 Defibrillator tray; 1 IV pole 1 Flip-up shelf 1 Wastebasket and holder 1 Oxygen	1
				E0954	Rail, MOD, W/MNTD, HX144XD	1	F	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	1
				E1500	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				F3200	Flowmeter, Air, Connect w/50 PSI Supply	1	VV	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	1
				M0750	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	1
				M0755	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and a oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	1

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M4116	Monitor, Vital Signs	1	VV	Electronic sphygmomanometer. LCD displays non-invasive blood pressure, pulse rate and temperature. Used in hospitals and clinics. Includes an optional mobile stand.	1
				M7680	Defibrillator/Monitor/Recorder, Portable	1	VV	Portable defibrillator-monitor-recorder. Integral unit system operable from self-contained rechargeable batteries. ECG may be viewed through paddles or patient cable. Options include external pacing and 12-Lead.	1
				M7845	Monitor, Physiological, Bedside, 4 Channel	1	VV	4 channel bedside physiological monitor. The unit consist of a four-channel non-fade monochrome display monitor, an alarm system and printer-recording capabilities. The monitor has color coded controls and automatic calibration. The unit displays up to four waveforms simultaneously. The parameters to be monitored are user selectable. The monitor may be connected to a central monitoring station. The unit monitors patients in most acute care areas, sleep-down units, procedure rooms and emergency rooms.	1
				M7905	Oximeter, Pulse	1	VV	Pulse oximeter for continuous surveillance of patient pulse and oxygen saturation rates. Instrument features LED display, audio and visual alarms, automatic calibration and battery operation in case of power failure. Other applications include sleep studies, exercise testing and monitoring certain patients in the home (e.g. infants or patients requiring respiratory therapy).	1
Dental	DNTS1	1	Oral Surgery Room						
				D6050	Dispenser, soap	AR	VV	Dispenser, soap, with foot control, wall mounted over sink (PG-18-1, MCS 10 28 00)	#VALUE!
					Lights, dental operating	2	VV	Lights, dental operating, single ceiling track mounted (to be installed parallel to each other and separated, 12" to 18" (300 mm) to 450 mm) apart on both sides of mid-line of room and with headend of tracks, 96" (2400 mm) back from foot wall)	2
					Utilities junction box template	1	VV	Utilities junction box template (according to dental operating unit manufacturer's design)	1
				M0750 or M01	Flow meter, oxygen	1	VV	Flow meter, oxygen	1
					Collecting bottle and controls	1	VV	Collecting bottle and controls for vacuum outlet	1
					Utilities junction box	1	VV	Utilities junction box, floor surface mounted (mid-line located, 96" (2400 mm) to left of right wall and 12" (300 mm) back from foot wall) (see Note in Special Equipment Designs Standards section)	1
				D3320	Chair, dental	1	VV	Chair, dental, operating or surgical chair-table, motor driven	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
Dental	DNXD1	1	X-Ray Area						
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				D3320	Chair, Operating, Dental	1	VV	Dental operating chair designed for the treatment and comfort of dental patients. The chair shall be capable of multiple positions, shall swivel, contain an adjustable headrest and arm rests that pivot up and down. The chair shall operate by means of electrohydraulics. The upholstery shall be seamless with no creases to catch debris and be easy to clean.	1
				D3565	Resin Curing Unit, Visible Light	1	VV	Visible light resin curing unit which provides a high intensity, cold light source of visible blue light for the polymerization of all visible light cured materials. The unit provides for time selections between 10 and 60 seconds or continuous operation and beeps at ten or twenty second intervals during use.	1
				D6050	Light, Dental, Operating, Ceiling, Track	1	VV	Dental operating light used to illuminate the field of work. This is a single light unit on a cantilever arm mounted from a column which is suspended from a moving trolley in a ceiling track. The light can be used in installations where the ceiling height is between 8 and 10.5 feet, some units can mount to ceilings as high as 13 feet. Database physical dimensions refer to the light's maximum travel dimensions centered on the ceiling mounting track. The database weight includes the light, arm and trolley. Mounting this light may require reinforcing the ceiling or hanging the mount from the underside of the slab above a suspended ceiling.	1
				D7090	Utility Center, Dental, Wall or Floor Mounted	1	VV	Utility center. The unit contains electrical and quick connect air, waste and water utility connections. The center accommodates one umbilical and includes shut-off valves and regulators for both the air and water supplies.	1

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or UNS Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				D8250	Delivery System, Dental Operating	1	VV	Dental operating unit. The dentist and/or dental hygienist uses the unit for treatment of dental patients. The unit contains the operating connections for handpieces, the water spray and the vacuum system. The unit can be wall, chair or cart mounted.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	2	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32. MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
				U0003	Cabinet, Dental, Central Console, X-Ray (Shared)	1	VV	Systems furniture made for dental operators	1
				U0004	Cabinet, Dental, Doctor's, General	1	VV	Systems furniture made for dental operators	1
				U0005	Cabinet, Dental Assistant, General	1	VV	Systems furniture made for dental operators	1
				U0006	Cabinet, Dental, Wall, 42"	2	VV	Systems furniture made for dental operators	2
				X6600	Radiographic Unit, Dental, Wall Mounted, 7 mA	1	VV	Dental radiographic unit. Wall mounted, 7 mA, 70 KvP, 120 VAC, electronic remote exposure control unit. The unit shall have electronic timing with automatic reset timing capability and main power connection unit to adjust for line voltage fluctuations. Tube head shall be of the oil immersed, shield type with total inherent filtration of 1.5 mm AL, with a focal spot of 0.6.	1
AMMS: Acquisition and Distribution	DOCK1	1	Receiving and Shipping Dock		No Schedule F Items				0
AC: Orthopedics (Ortho)	DR001	2	Dressing Room, Patient						
Endoscopy	DR001	4	Changing Area, Patient						
PMR: Physical Therapy (PT)	DR001	1	Dressing Room						
Radiology	DR001	7	Dressing Room						
Surgery-Minor Surgery	DR001	1	Changing Room, Patient						
AUD: Audiology	EXEN1	1	Electrophysiology Room						0
AUD: Audiology	EXEN1	1	Posturography Room						0
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	2
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	2
				E0210	Worksurface, w/Overhead Cab, Wall Mtd, 48" W	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 1 Lockable Flipper Unit 1 Shelf, Storage/Display 1 Light 1 Cantilevered Work Surface	2
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	VV	Wall or door mounted patient chart holder. Constructed of durable plastic or metal. Used for holding patient records. Size as required.	2

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48X CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
				U0012	Chair, Rotary, Sinusoidal Vertical Axis Test	1		A computer program controls the rotary chair. This program also measures the motion of the chair (input) and the simultaneous eye movement (output). This equipment is used in the Sinusoidal Vertical Axis Rotational Test.	2
AUD: Audiology	EXOS1	1	Office, Therapy Room; Audiologist				AR	Curtain, cubicle	#/VALUE!
AUD: Speech Pathology (SP)	EXOS1	1	Office, Therapy Room, Speech Pathologist				VV	Desktop PC with keyboard	3
AUD: Speech Pathology (SP)	EXOS1	1	Speech Analysis Laboratory				VV	Dispenser, soap, liquid, wall mounted	3
				M9050	Table, examining	1	VV	Table, examining, padded, adjustable top, approx. 74" x 21" x 30" (1850 mm x 525 mm x 750 mm)	3
				M4200	Ophthalmoscope	1	VV	Ophthalmoscope, wall hung	3
				M4299	Otoscope	1	VV	Otoscope, wall hung	3
				M4100	Sphygmomanometer	1	VV	Sphygmomanometer, wall hung	3
				X3930	Illuminator, x-ray film	AR	VV	Illuminator, x-ray film, 120 volt, wall mounted, individual switch for two, 14" x 17" (350 mm x 425 mm) radiographs, 31" W x 20" H (775 mm W x 500 mm H)	#/VALUE!
				F2300	Magazine/ literature rack	1	VV	Magazine/ literature rack, wall mounted	3
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	3
				A5106	Sharps container	1	VV	Sharps container, wall mounted	3
AC: Exam / Treatment Modules (ETM)	EXRG3	69	Multipurpose Exam Room						
AC: Exam / Treatment Modules (ETM)	EXRG3	1	Special Purpose Dermatology Exam Room						
Mental Health: Mental Health Clinic	EXRG3	1	Exam / Treatment Room						
				A1132	Rail, Accessory Mounting, Length As Required	1	VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	71
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	71
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	71
				A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	71
				E0222	Worksurface, Computer, O/H Cab, Wall Mtd, 48" W	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 1 Lockable Flipper Unit 1 Shelf, Storage/Display 1 Light 1 Tack board 1 Cantilevered Work Surface 1 Adjustable Keyboard Tray 1 CPU Holder	71
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	71

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or IJSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	71
				M4100	Sphygmomanometer, Aneroid, Wall Mounted	1	VV	Aneroid sphygmomanometer. Unit is wall mounted and has large graphic dial display for easy reading from all angles. It has a 90 degree (angle) swivel and 10 degree (angle) forward tilt to reduce glare. Unit accuracy is within 1% of reading. Sturdy impact-resistant construction.	71
				M4200	Otoscope/Ophthalmoscope, Wall Mounted	1	VV	Wall mounted otoscope and ophthalmoscope. Includes 6 foot line cord and plug and accepts and includes two handles. Contains head turn-on/turn-off, built-in speculum tray and 8 foot coiled cords. Unit is designed for use in patient exam rooms.	71
				M7400	Light, Exam, Table Mounted, Spotlight	1	VV	The exam light shall be table mounted. The light will be a halogen bulb that can produce a continuous and homogeneous spot of light adjustable from 5 to 9 inches in diameter from a set distance. The light intensity shall be a minimum of 750 foot-candles at a distance of 16 inches and have a color temperature of 3,200 degrees Kelvin. The unit will consist of an arm or sleeve of approximately 45 inches in length to allow for easy arm rotation and arm movement up and down.	71
				M9025	Table, Examination/Treatment, With Cabinet	1	VV	Table, examination/treatment with cabinet. Cabinet type exam table with three section upholstered top adjustable to a full chair position. Concealed heel stirrups, dual outlets, drawers, and storage space with optional armboard. Unit is designed for general use examination/treatment rooms.	71
				X3830	Illuminator, Film, Single, Wall Mounted	1	VV	Single film illuminator approximately 20"H x 17"W x 5"D. This is a single panel wall mounted unit. Characteristics and components include: two 15 watt fluorescent tubes; gravity grip film holder; constructed of corrosion resistant galvanized steel with stainless steel trim, and a clean uncluttered appearance. This unit is used to view X-ray film in hospitals and doctors offices.	71
				A1132	Rail, Accessory Mounting, Length As Required	1	VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	5
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	5
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	5
				E0222	Work surface, Computer, O/H Cab, Wall Mtd, 48" W	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 1 Lockable Flipper Unit 1 Shelf, Storage/Display 1 Light 1 Tack board 1 Cantilevered Work Surface 1 Adjustable Keyboard Tray 1 CPU Holder	5
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	5
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	5

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
AC: Womens's Health / GYN	EXRG8	1	Exam Room	M4116	Monitor, Vital Signs	1	VV	Electronic sphygmomanometer. LCD displays non-invasive blood pressure, pulse rate and temperature. Used in hospitals and clinics. Includes an optional mobile stand.	5
				X3930	Illuminator, x-ray film	AR	VV	Illuminator, x-ray film, 120 volts, wall mounted, individual switch for two, 14" x 17" (350 mm x 425 mm) radiographs, 31" W x 20" H (775 mm W x 500 mm H) (PG-18-1, MCS 26 51 00)	#/VALUE!
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				M1801	Desktop PC	1	VV	Desktop PC with keyboard	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				M7401	Light, examining portable	1	VV	Light, examining, portable, 120 volts, approx. 18" diameter x 75" H (450 mm diameter x 1875 mm H)	1
				M4200	Otoscope/ophthalmoscope	1	VV	Otoscope/ophthalmoscope, wall hung	1
				F2300	Magazine/literature rack	1	VV	Magazine/literature rack, wall mounted	1
				M4100	Sphygmomanometer	1	VV	Sphygmomanometer, wall hung	1
				M9066	Table, examining	1	VV	Table, examining and treatment, motorized	1
				A5106	Sharps container	1	VV	Sharps container	1
				A5106	Glove dispenser	1	VV	Glove dispenser	1
AUD: Audiology	EXVE1	1	Vestibulography Room	A1132	Rail, Accessory Mounting, Length As Required	1	VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	1
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				E0210	Worksurface, w/Overhead Cab, Wall Mtd, 48" W	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 1 Lockable Flipper Unit 1 Shelf, Storage/Display 1 Light 1 Cantilevered Work Surface	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	VV	Wall or door mounted patient chart holder. Constructed of durable plastic or metal. Used for holding patient records. Size as required.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M4200	Otoscope/Ophthalmoscope, Wall Mounted	1	VV	Wall mounted otoscope and ophthalmoscope. Includes 6 foot line cord and plug and accepts and includes two handles. Contains head turn-on/turn-off, built-in speculum tray and 8 foot coiled cords. Unit is designed for use in patient exam rooms.	1
				M7400	Light, Exam, Table Mounted, Spotlight	1	VV	The exam light shall be table mounted. The light will be a halogen bulb that can produce a continuous and homogeneous spot of light adjustable from 5 to 9 inches in diameter from a set distance. The light intensity shall be a minimum of 750 foot-candles at a distance of 16 inches and have a color temperature of 3,200 degrees Kelvin. The unit will consist of an arm or sleeve of approximately 45 inches in length to allow for easy arm rotation and arm movement up and down.	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M7730	Electronystagmograph w/Accessories	2	VV	Unit detects the electrical currents from muscular contractions which cause eye movement. For the analysis of eye motion as an indicator of brain stem dysfunction, multiple sclerosis, adverse drug reaction or other disorders causing irregular eye movements. The system consists of a electrical leads, large color display recorder, 2 direct channels, auxiliary channel outputs and an electrode terminal box. The system requires one or more stimulation apparatuses such as an ear irrigator (which generates the plumbing requirements), light bar or rotating drum. System options include several microprocessor and printer configurations. Electrical requirements and weight are for the complete system. Height, width and depth are for the controlling microcomputer only.	2
				M9025	Table, Examination/Treatment, With Cabinet	1	VV	Table, examination/treatment with cabinet. Cabinet type exam table with three section upholstered top adjustable to a full chair position. Concealed heel stirrups, dual outlets, drawers, and storage space with optional armboard. Unit is designed for general use examination/treatment rooms.	1
Eye Clinic	EYFD1	1	Fitting and Dispensing Room	A5025	Bench, repair	1	VV	Bench, repair, 30" W x 96" L with 6" W (750 mm W x 2400 mm L with 150 mm W) top shelf above, 6" (150 mm) deep drawers under and knee space (PG-18-1, MCS 12 31 00)	1
				M5016	Screening center	1	VV	Screening center with table incorporating following instruments: • Auto refractor • Auto lensometer • Auto tonometer • Auto biometry and keratometer Note: This item may include an optional equipment stand/pole with one to three arms and the ability to accept a phoropter arm.	1
					Display, glasses-frame	1	VV	Display, glasses-frame, approx. 48" (1200 mm) long	1
					Cabinet, storage for contact lenses	1	VV	Cabinet, storage for contact lenses, 18" x 24" x 72" (450 mm x 600 mm x 1800 mm)	1
				A5075	cabinet, wall mounted	2	VV	Cabinet, wall mounted, 30" (750 mm) wide	2
				F3200	Dispenser, soap	1	VV	Dispenser, soap, wall mounted	1
					Clock, atomic	1	VV	Clock, atomic, battery operated	1
Eye Clinic	EYVF1	1	Visual Fields Room		Visual fields instrument(s)	1	VV	Visual fields instrument(s)	1
				M5700	Lens set, trial	1	VV	Lens set, trial, ophthalmic	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
Eye Clinic	EYVS1	1	Photography Room		Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				E0210	Worksurface, w/Overhead Cab, Wall Mtd, 48" W	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 1 Lockable Flipper Unit 1 Shelf, Storage/Display 1 Light 1 Cantilevered Work Surface	1
				E1500	Rail, MOD, W/MNTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	VV	Wall or door mounted patient chart holder. Constructed of durable plastic or metal. Used for holding patient records. Size as required.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NV/DIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M5510	Camera, Fundus, Digital	1	VV	The digital fundus camera system is designed for use in diagnosing and recording ocular disorders. It shall consist of a digital imager, computer, printer, monitor, chin rest, joy stick and software to record, store, edit and print digital images. The system shall include a system table and an adjustable patient table.	1
Mental Health: Day Treatment Center	FSCD1	1	Social Activities / Dining / Multipurpose					This JSN is to be used for determining and defining location of decorative artwork.	#/VALUE!
				A6046	Artwork, Decorative, With Frame	AR	VV		
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
Canteen Service	FSDC1	1	Canteen	K1695	Conveyor, Meal Tray Return	AR	VV	Fixed conveyor for returning soiled meal trays from the main dining room to the tray processing area for cleaning. The database pricing is based on 24 feet of straight conveyor and 4 corner sections. This conveyor could lead to a second conveyor for tray processing or directly to a dishwasher with tray processing en route. Multiple power outlets will be required depending on the conveyor's length.	#/VALUE!
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
Mental Health: Day Treatment Center	FSNP1	1	Social Activities Space / Kitchen						
					Insert items required for project here.				0
AUD: Audiology	HAFR1	1	Hearing Aid Fabrication / Modification Room	A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1

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				E0078	Workstation, L-Shaped w/Peninsula, Free Std, 78x72	1	VV	This section will provide a whole work station typical to quickly plan work areas in clinical or administrative spaces. There will be a price decrease if typical work stations are used with vertical hanging strips instead of panels. THIS TYPICAL INCLUDES: □ 1 solid panel, 85"H (2159mm) x 48"W (1219mm); □ 1 solid panel, 85"H (2159mm) x 30"W (762mm); □ 2 solid panels, 47"H (1194mm) x 24"W (610mm); □ 2 panel connectors, 2-way corner, 85"H (2159mm); □ 1 panel-to-panel connector; □ 2 finished end hardware; □ 1 cantilevered work surface, 48"W (1219mm); □ 1 peninsula work surface, 72"W (1829mm); □ 1 lockable flipper unit, 48"W (1219mm); □ 1 lockable flipper unit, 30" W (762 mm); □ 1 shelf, storage/display, 48"W (1219mm); □ 1 shelf, storage/display, 30"W (762 mm); □ 1 light, 30"W (762mm); □ 1 tack board, 48"W (1219mm); □ 1 tool rail, 30"W (762mm); □ 1 paper tray; □ 1 diagonal tray; □ 1 adjustable keyboard tray; □ 1 mobile pedestal, box/file.	1
				E0906	Locker, Supply, General, Wall Mt'd, 23"W x 20"D	2	VV	THIS TYPICAL INCLUDES: □ 1 Locked Storage Container □ 2 Tray/Shelves □ 1 Drawer, 3"H (76mm) □ 3 Drawers, 6"H (152mm) □ 2 Drawers, 9"H (229mm) □ 1 Tray/Shelf Divider □ 1 Drawer Organizer Bins □ Consider the need for an E0921 to transport the locker from place to place.	2
				E1500	Rail, MOD, W/MNTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M0020	Hearing Aid Analyzer	1	VV	Hearing aid analyzer. It includes a complete acoustic test system, comprised of a control unit, color monitor, and hearing aid test box. For use in automatically testing, calculating and printing all electrical and acoustical performance data of any hearing aid in accordance with ANSI S3.22.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1,44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M4915	Chair, Exam/Treatment, ENT, w/Adjustable Light	1	VV	ENT examination chair with adjustable light. Chair can be rotated 330 degrees locking at desired position. Unit is electrically powered for precise positioning and has an adjustable headrest and armrest. It may include an adjustable gooseneck light. Unit is designed for use during examinations, treatments, and minor procedures.	1
Endoscopy EMS	JANC1 JANC1	1 7	Housekeeping Aides Closet (HAC) Housekeeping Aids Closet (HAC)						

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
Pharmacy: Secure Areas Radiology SPD: Clean SPD: Soiled Surgery-Ambulatory Surgery Surgery-Ambulatory Surgery Surgery-Ambulatory Surgery Surgery-Minor Surgery	JANC1	1	Oncology: Housekeeping Aides Closet	HAC	Housekeeping Aides Closet - HAC				
	JANC1	1	Housekeeping Aides Closet	HAC	Housekeeping Aides Closet (HAC)				
	JANC1	1	Housekeeping Aides Closet	HAC	Housekeeping Aides Closet (HAC)				
	JANC1	1	Cystoscopy: Housekeeping Aides Closet	HAC	Housekeeping Aides Closet (HAC)				
	JANC1	1	OR: Housekeeping Aides Closet 1	HAC	Small				
	JANC1	1	OR: Housekeeping Aides Closet 2	HAC	Large				
	JANC1	1	Housekeeping Aides Closet						
		A5075		Dispenser, Soap, Disposable		Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.
Surgery-Ambulatory Surgery	LBBP1	1	OR: Laboratory, Frozen Section						
					<i>Insert items required for project here.</i>				0
AC: Dermatology (Derm)	LBDE1	1	Dermatology Laboratory	A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated. (batteries not included).	1
				L0100	Microscope, Binocular	1	VV	Binocular microscope. Equipped with plan achromatic objectives to suit work in brightfield, phase contrast, darkfield, photomicrography, dual viewing and projection screen. Microscope has a high light intensity, 100 watt halogen lamp, for constant color temperature and illumination. A three step variable transformer, focusable aspheric abbe condenser system; heat absorbing glass, centerable field diaphragm; two built-in filter turrets permitting a combination of selective light balancing and color compensating filters. Other components/features include a swing-in condenser, 4X objective, quadruple nosepiece 10X wide field eyepieces and a graduated stage. Other observation tubes can be added. It is used in laboratories for cell counting and other observation techniques.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	1
				R7000	Refrigerator, 14 Cubic Feet	1	VV	This is a 14 Cubic Foot frostless top mount refrigerator/freezer approximately 64" H x 28" W x 29" D. Combination unit that is used in households or other areas where general purpose storage of perishable items is required.	1
PLM: Laboratories	LBSM1	1	Sterilization and Solution Preparation Room						
					<i>Insert items required for project here.</i>				0
AC: Oncology (ONC) PLM: Laboratories	LBVP1 LBVP1	1 1	Oncology Lab Blood Specimen Collection Room						
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	2

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	2
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2
				L0090	Table, Microscope, 1-2 Person	1	VV	Microscope table for one to two viewers. The table has no casters, secured adjustable work positions and adjustable pedestal legs. Work top is 1" thick and pressure resistant. Different size options are available. Used as a single or dual teaching microscope table.	2
				L0100	Microscope, Binocular	1	VV	Binocular microscope. Equipped with plan achromatic objectives to suit work in brightfield, phase contrast, darkfield, photomicrography, dual viewing and projection screen. Microscope has a high light intensity, 100 watt halogen lamp, for constant color temperature and illumination, a three step variable transformer, focusable aspheric abbe condenser system; heat absorbing glass, centerable field diaphragm; two built-in filter turrets permitting a combination of selective light balancing and color compensating filters. Other components/features include a swing-in condenser, 4X objective, quadruple nosepiece 10X wide field eyepieces and a graduated stage. Other observation tubes can be added. It is used in laboratories for cell counting and other observation techniques.	2
				L1350	Centrifuge, Table, Small, 3200 RPM, 6 Place	AR	VV	Small table centrifuge. Characteristics/components include a speed range up to 3200 RPM, steel guard bowl, electric motor, speed controlled by a dial rheostat, a six place turnion head to accommodate 15 ml tubes contained in metal shields with rubber cushions, numbered tube slots and a safety cap. Used in a laboratory for general purpose centrifugation of samples.	#VALUE!
				R6080	Refrigerator/Freezer, Biological, SS, 2 Door	AR	VV	Biological refrigerator/freezer. This unit has double doors, stainless steel exterior and shelves. It is used in laboratories and hospital pharmacies for cold storage and general use. Size and capacity is dependent on site requirements.	#VALUE!
Dental EMS	LCCL1	1	Linen Room and Clean SPD Cart						
Dental EMS	LCCL1	1	Storage, Clean Linen Cart						
Dental EMS	LCSL1	1	Soiled SPD Cart Holding						
Dental EMS	LCSL1	1	Storage, Soiled Linen Cart						
AC: Patient Education (Pat EDU)	LIBV1	1	Information Resource Center						
					Insert items required for project here.				0
PLM: Laboratories	LMCH1	1	Clinical Chemistry						
PLM: Laboratories	LMM03	1	Clinical Microbiology						
				L2336	Cabinet, air flow	1	VV	Cabinet, air flow, biological, with lab air, fuel gas and lab vacuum outlets, 120 volt, receptacle (PG-18-1, PG-18-6, MCS 11 53)	1
				R7250	Refrigerator/Freezer	1	VV	Refrigerator/freezer, 120 volt, domestic, approx. 31"W x 28" D 66" H (775 mm W x 700 mm D x 1650 mm H)	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				L0100	Microscope	1	VV	microscope	1
				L4215	Incubator, bench top	1	VV	incubator, bench top	1
Lobby	LOB01	1	Public Telephones						
				A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	1
				F2420	Lamp, Table, With Shade	1	VV	Table lamp, 27-34" high X 6" wide X 6" deep with linen shade. Convenience outlet required at point of use.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

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Dental EMS; LLTS Surgery-Ambulatory Surgery Surgery-Ambulatory Surgery Surgery-Ambulatory Surgery Surgery-Minor Surgery Surgery-Minor Surgery	LR002	1	Locker Room / Changing Area		Locker, 2 Person, Side by Side, 72x15x18	AR	VV	Two person locker, double tier, 72HX12WX18D. This unit includes hooks for coats and hats. Door equipped with safety guard handles. Designed for storage of coats, hats, and other personal belongings. Other width and depths are available.	#VALUE!
	LR002	1	Locker Room						
	LR002	1	Changing Room, Patient						
	LR002	1	OR: Locker Room, Female Staff						
	LR002	1	OR: Locker Room, Male Staff						
	LR002	1	Locker Room, Female Staff						
				A1040					
				A5025	Bench, Locker Room, Portable	AR	VV	Portable locker room bench. Approximately 1-1/2" thick. Benches shall be laminated hardwood with a moisture resistant sealer or anodized aluminum. Units are mounted on strong pedestals.	#VALUE!
					-OR- Mounted	AR	VV	Locker room bench. Floor mounting -1-1/4" thick. Benches are sanded smooth with two coats of moisture-resistant sealer to ensure a protective, satin gloss surface, and mounted on strong steel pedestal anchored to the floor. Over all height of 18" includes pedestal. Size as required.	#VALUE!
				A5020	Bench, Locker Room, Floor	AR	VV	Locker room bench. Floor mounting -1-1/4" thick. Benches are sanded smooth with two coats of moisture-resistant sealer to ensure a protective, satin gloss surface, and mounted on strong steel pedestal anchored to the floor. Over all height of 18" includes pedestal. Size as required.	#VALUE!
Dental	MECH1	1	Mechanical Room		No Schedule F Items	NR			0
AC: Exam / Treatment Modules (ETM)	MEDP1	2	NS: Medication Room						
AC: Dermatology (Derm)	MEDP1	1	Dermatology Medication Prep / Storage Room						
Mental Health: Methadone Maintenance	MEDP1	1	Dermatology / Treatment Room						
Surgery-Ambulatory Surgery	MEDP1	1	Postanesthesia Recovery (PAR): Medication Preparation Room						
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	5
				A5085	Dispenser, paper cup	1	VV	Dispenser, paper cup, wall mounted	5
				M3150	Automated storage/ dispensing unit	AR	VV	Automated storage/dispensing unit (cell) secure, approx. 27" W x 25" D x 78" H (675 mm W x 635 mm D x 1950 mm H)	#VALUE!
				A5106	Sharps container	1	VV	Sharps container	5
				M7250	Cart, medication	1	VV	Cart, medication, with PC computer system 36" x 30" x 36" (900 mm x 750 mm x 900 mm)	5
AMMS: Acquisition and Distribution	MMCR2	1	Holding Area, Unposted Stock			NR			0
AMMS: Acquisition and Distribution	MMGS1	1	Storage, Medical and General			NR			0
AMMS: Acquisition and Distribution	MMRP1	1	Receiving and Issue Area			NR			0

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				E0078	Workstation, L-Shaped w/Peninsula, Free Std, 78x72	1	VV	This section will provide a whole work station typical to quickly plan work areas in clinical or administrative spaces. There will be a price decrease if typical work stations are used with vertical hanging strips instead of panels. THIS TYPICAL INCLUDES: 1 solid panel, 85"H (2159mm) x 48"W (1219mm); 1 solid panel, 85"H (2159mm) x 30"W (762mm); 2 solid panels, 47"H (1194mm) x 24"W (610mm); 2 panel connectors, 2-way corner, 85"H (2159mm); 1 panel-to-panel connector; 2 finished end hardware; 1 cantilevered work surface, 48"W (1219mm); 1 peninsula work surface, 72"W (1829mm); 1 lockable flipper unit, 48"W (1219mm); 1 lockable flipper unit, 30" W (762 mm); 1 shelf, storage/display, 48"W (1219mm); 1 shelf, storage/display, 30"W (762 mm); 1 light, 48"W (1219mm); 1 light, 30"W (762mm); 1 tack board, 48"W (1219mm); 1 tool rail, 30"W (762mm); 1 paper tray; 1 diagonal tray; 1 adjustable keyboard tray; 1 mobile pedestal, box/file.	1
				F2700	Reader, Bar Code, Hand Held, With Interface	1	VV	Hand held laser bar code reader with computer interface. Used for automated inventory, using bar code stickers / labels. Convenience outlet required at point of use.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 3248x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M1840	Printer/Copier/Fax Combination	1	VV	Multifunctional printer, fax, scanner and copier (PFC) all-in-one machine.	1
				M2020	Cabinet, Storage, Safety, Built-In, Vented	1	VV	Safety storage cabinet. This unit is of double steel wall construction, with vented grounding attachment, raised leak proof door sill, and adjustable shelving. Equipped with two doors and three-point key lock. The construction meets standards set by OSHA and NFPA Code 30 requirements. Designed for storage of flammable type liquids. The cabinet fits into a laboratory casework configuration and its ventilation ports are in the back to leave the counterspace free. The cabinet requires ventilation ducting and an exhaust fan as part of the HVAC (heating, ventilation and air conditioning) system.	1
				M2125	Stacker, Straddle, 127" Lift, 2000 lb Capacity	1	VV	Straddle stacker. Battery powered with 2000 pound lifting capacity. Unit lifts to heights up to 127". Equipped with a extra heavy duty hydraulic system. Unit has a built-in automatic battery charger. Electrical requirements are for the charger. Designed for pallet lifting.	1
				M2130	Truck, Hydraulic Lift, Electric	1	VV	Electric lift truck. Equipped with heavy duty hydraulic system and 12V battery. For use within enclosed warehouse spaces. Adjustable 25" (approx) long forks. Complete with 10 amp charger. Counterweight must be used to help prevent tipping. NOTE: Not recommended for moving long distances or over uneven surfaces.	1
				M7780	Scanner, Document	1	VV	Scanner for recording printed material in an electronic format. Some models process both color and black-and-white images. Options include automatic paper feeders and transparency adapters. Most models require connection to a microcomputer for independent operation or use as part of a network. Larger models for high use applications which connect directly to a network without passing information through a microcomputer are available.	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
AC: HAS File Unit (FU)	MRS01	1	Storage, Medical Records						
AC: HAS File Unit (FU)	MRS01	1	Storage, Medical Records, Veteran Volunteers and Employees						
EEG	MRS01	1	Storage, EEG Records		No Schedule F Items.				0
Surgery-Ambulatory Surgery	NSTA1	1	Nurse Station						
Surgery-Minor Surgery	NSTA1	1	Control and Communication Center						
Surgery-Minor Surgery	NSTA1	1	Nurse Station	F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	3
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	3
				M1820	Imprinter, Data Record, Electric	1	VV	Electric data record imprinter. The device accepts embossed plastic patient cards in either the 50 column or the 80 column format and adjusts automatically for card size and form thickness. Device will provide clear readable impressions with a cycle that is less than 1 second in length. Electro-mechanical design provides for a consistent impression that is independent of operator knowledge or technique. Unit may include a date/time stamp as an accessory.	3
				M1840	Printer/Copier/Fax Combination	2	VV	Multifunctional printer, fax, scanner and copier (PFC) all-in-one machine.	6
Endoscopy	NSTA4	1	Nurse Station						
Surgery-Ambulatory Surgery	NSTA4	1	OR: Control and Communication Center						
Surgery-Ambulatory Surgery	NSTA4	1	Postanesthesia Recovery (PAR): Medication Preparation Room						
AC: Urgent Care	NTSA4	1	Nurse / Communication Station						
AC: Exam / Treatment Modules (ETM)	NTSA4	2	Nurse Station (NS)	F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	6
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	AR	W	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	#/VALUE!
				M1820	Imprinter, Data Record, Electric	1	VV	Electric data record imprinter. The device accepts embossed plastic patient cards in either the 50 column or the 80 column format and adjusts automatically for card size and form thickness. Device will provide clear readable impressions with a cycle that is less than 1 second in length. Electro-mechanical design provides for a consistent impression that is independent of operator knowledge or technique. Unit may include a date/time stamp as an accessory.	6
				M1840	Printer/Copier/Fax Combination	2	VV	Multifunctional printer, fax, scanner and copier (PFC) all-in-one machine.	12
AC: Clinic Based Home Care (CBHC)	OFA01	1	Office, Clerical Support Staff						
Voluntary Service	OFA01	1	Office, Chief						
AMMS: Acquisition and Distribution	OFA01	1	Office, Storekeeper						
				A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	3
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	3

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
AMMS: Administration	OFA02	1	Office, Chief	M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48X CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	3
AMMS: Administration	OFA02	1	Office, Supervisor, Procurement Section	M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	3
AMMS: Administration	OFA02	1	Office, Supervisor, Procurement Section						
AC: HAS (MAS)	OFA02	1	Office, Travel Clerk						
AC: HAS (MAS)	OFA02	1	Office, Travel Clerk						
AC: HAS (MAS)	OFA02	1	Office, Travel Clerk						
AC: HAS (MAS)	OFA02	1	Office, Travel Clerk						
AC: HAS (MAS)	OFA02	1	Office, Assistant Chief						
AC: HAS Medical Information Section	OFA02	1	Office, Medical Records						
AC: HAS Medical Information Section	OFA02	1	Office, Supervisor						
AC: HAS File Unit (FU)	OFA02	1	Office, Head Nurse						
AC: Urgent Care	OFA02	1	Office, Health Benefits Advisor/ Patient Services Asst.						
AC: Exam / Treatment Modules (ETM)	OFA02	1	Office, Compensation and Pension						
AC: Exam / Treatment Modules (ETM)	OFA02	5	NS: Office, Case Manager						
AC: Exam / Treatment Modules (ETM)	OFA02	15	NS: Office, Physician Extender						
AC: Exam / Treatment Modules (ETM)	OFA02	5	NS: Office, Social Worker						
AC: Exam / Treatment Modules (ETM)	OFA02	8	NS: Office, Telephone Triage Nurse						
AC: Nutrition (Dietetics)	OFA02	3	Office, Dietician						
AC: Oncology (ONC)	OFA02	1	Office, Data Coordination/ Tumor Registry						
AC: Clinic Based Home Care (CBHC)	OFA02	1	Office, Clerical Support Staff						
AC: Clinical Based Home Care (CBHC)	OFA02	1	Office, Nurse						
AC: Clinic Based Home Care (CBHC)	OFA02	1	Office, Social Worker						
AC: Geriatric Evaluation Unit (GEU)	OFA02	1	Office, Clerical Support Staff						
AC: Geriatric Evaluation Unit (GEU)	OFA02	1	Office, Social Worker						
AUD: Audiology and Speech Pathology	OFA02	1	Office, Chief of Service						
Clinic Management	OFA02	2	Office, Clinic Management Support Staff						
Clinic Management	OFA02	2	Office, Medical Administrative Officer (MAO)						
Dental	OFA02	1	Office, Administrative Assistant						
EEG	OFA02	2	Office, Technician						
EMS	OFA02	1	Office, Chief						
Eye Clinic	OFA02	1	Office, Blind Rehabilitation (VIST), Counselor						
Lobby	OFA02	1	Escort Room						
HAS: Fee Services Section	OFA02	8	Workstation, Clerical						
HAS: Fee Services Section	OFA02	2	Workstation, Supervisor						
HAS: Medical Care Cost Recovery (MCC)	OFA02	4	Workstation, Clerical						
HAS: Medical Care Cost Recovery (MCC)	OFA02	2	Workstation, Supervisor						
HAS: Office of the Chief	OFA02	3	Office, Administrative Assistant						

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
HAS: Office of the Chief	OFA02	2	Office, Assistant Chief				VV	This JSN is to be used for determining and defining location of decorative artwork.	114
Mental Health: Administration	OFA02	1	Office, Director				VV	This section will provide a whole work station typical to quickly plan work areas in clinical or administrative spaces. There will be a price decrease if typical work stations are used with vertical hanging strips instead of panels. THIS TYPICAL INCLUDES: 1 solid panel, 85"H (2159mm) x 48"W (1219mm); 1 solid panel, 85"H (2159mm) x 30"W (762mm); 2 solid panels, 47"H (1194mm) x 24"W (610mm); 2 panel connectors, 2-way corner, 85"H (2159mm); 1 panel-to-panel connector; 2 finished end hardware; 1 cantilevered work surface, 48"W (1219mm); 1 peninsula work surface, 72"W (1829mm); 1 lockable flipper unit, 48"W (1219mm); 1 lockable flipper unit, 30"W (762 mm); 1 shelf, storage/display, 48"W (1219mm); 1 shelf, storage/display, 30"W (762 mm); 1 light, 48"W (1219mm); 1 light, 30"W (762mm); 1 tack board, 48"W (1219mm); 1 tool rail, 30"W (762mm); 1 paper tray; 1 diagonal tray; 1 adjustable keyboard tray; 1 mobile pedestal, box/file.	114
Mental Health: Substance Abuse Clinic	OFA02	1	Office, Statistical Clerk				VV		
PLM	OFA02	1	Office, Chief Medical Technologist				VV		
Pharmacy: Secure Areas	OFA02	1	Office, Assistant / Associate Chief				VV		
Pharmacy: Secure Areas	OFA02	1	Office, Chief				VV		
Pharmacy: Secure Areas	OFA02	2	Office, Drug Receiving: Inventory Control / Stock Manager				VV		
Pharmacy: Secure Areas	OFA02	3	Office, Supervisory Pharmacist				VV		
PMR: Occupational Therapy (OT)	OFA02	1	Clinic Office				VV		
Prosthetics and Sensory Aids	OFA02	1	Office, Chief				VV		
Prosthetics and Sensory Aids	OFA02	1	Office, Dispensing Prosthetic Clerk				VV		
Prosthetics and Sensory Aids	OFA02	1	Office, Prosthetic Representative				VV		
Radiology	OFA02	5	Office, Professional, Non Physician				VV		
Service Organizations	OFA02	4	Office, Service Organization Representative, PT				VV		
Service Organizations	OFA02	2	Office, Service Organization Representative, FT				VV		
Surgery-Minor Surgery	OFA02	1	Office, Head Nurse				VV		
				A6046	Artwork, Decorative, With Frame	1	VV		
				E0078	Workstation, L-Shaped w/Peninsula, Free Std, 78x72	1	VV		
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	114
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 3248x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	114

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
AMMS: Administration	OFA03	1	Office, Open						
AC: HAS (MAS)	OFA03	1	Interview Room / Clerical Workstation						
AC: HAS (MAS)	OFA03	1	Workstation, Clerical						
AC: HAS Medical Information Section	OFA03	2	Office, Supervisor						
AC: HAS Medical Information Section	OFA03	2	Workstation, Medical Record Technician / Clerk						
AC: HAS Transcription Unit (TU)	OFA03	5	Office, Supervisory Transcriptionist						
AC: HAS Transcription Unit (TU)	OFA03	1	Transcription System Controller / Records						
AC: HAS Transcription Unit (TU)	OFA03	2	Workstation, Transcriptionist						
AC: Urgent Care	OFA03	1	Office, Physician						
AC: Exam / Treatment Modules (ETM)	OFA03	5	NS: Cubicle, Resident Physician						
AUD: Audiology and Speech Pathology	OFA03	1	Office, Administrative Assistant						
Education Areas	OFA03	1	Instruction Area						
Pharmacy: Non-Secure Areas	OFA03	1	Prescription Receiving						
Pharmacy: Secure Areas	OFA03	1	Data Processing Space						
Pharmacy: Secure Areas	OFA03	1	Oncology: Reference Area						
Radiology	OFA03	1	Office, Reception						
SPD: Clean	OFA03	1	Dispatch Area						
Surgery-Ambulatory Surgery	OFA03	4	Administration: Office, Clerical						
Surgery-Ambulatory Surgery	OFA03	1	OR: Cubicle, Dictation						
Voluntary Service	OFA03	1	Office, Clerical Support						
Voluntary Service	OFA03	3	Organization Workstation						
Voluntary Service	OFA03	1	Volunteer Sign-in Area						
				E0099	Workstation, Corner Work Surf, Free Stand, 72X96	1	VV	THIS TYPICAL INCLUDES: 4 Standard Solid Panel 2 Panel-to-Panel Connectors 1 Panel Connector, 2-Way Corner 2 Finished End Hardware 1 Cantilevered Corner Work Surface 2 Cantilevered Work Surface 3 Lockable Flipper Units 3 Lights 2 Tackboards 2 Tool Rails 2 Paper Trays 1 Diagonal Tray 1 Adjustable Keyboard Tray 1 Mobile Pedestal, Box/File 2 Support Panels	38
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NV/DIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	38
Clinic Management	OFC01	1	Office, Chief Administrative Officer						
Dental	OFC01	1	Office Chief						
				A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	2

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NV/DIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	2
HAS: Office of the Chief	OFC02	1	Office, Chief	A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NV/DIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	1
AC: Exam / Treatment Modules (ETM)	OFD03	65	NS: Office, Physician / Provider						
AC: Clinic Based Home Care (CBHC)	OFD03	1	Office, Physician						
AC: Geriatric Evaluation Unit (GEU)	OFD03	1	Office, Nurse Practitioner						
AC: Geriatric Evaluation Unit (GEU)	OFD03	1	Office, Physician						
Dental	OFD03	5	Office, Dentist						
Eye Clinic	OFD03	6	Office, Eye Care Provider						
Mental Health: Methadone Maintenance	OFD03	1	Office / Exam Room, Nurse Practitioner						
Mental Health: Substance Abuse Clinic	OFD03	1	Office, Nurse / Pharmacist						
Mental Health: Substance Abuse Clinic	OFD03	1	Office, Physician						
PLM	OFD03	1	Office, Pathologist and Microscope Area						
Surgery-Ambulatory Surgery	OFD03	4	Administration: Office, Anesthesiologist/ Anesthetist						
Surgery-Ambulatory Surgery	OFD03	4	Administration: Office, Resident						
Surgery-Ambulatory Surgery	OFD03	4	Administration: Office, Staff Surgeon						
Surgery-Ambulatory Surgery	OFD03	1	OR: Office, Head Nurse						
				A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	96

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				E0063	Workstation, L-Shaped w/Peninsula, Wall Mtd, 72x72	1	VV	THIS TYPICAL INCLUDES: 3 VERTICAL HANGING STRIPS 2 LOCKABLE FLIPPER UNITS 2 SHELVES, STORAGE/DISPLAY 2 LIGHTS 1 TACKBOARD 2 TOOL RAILS 2 PAPER TRAYS 1 DIAGONAL TRAY 1 CANTILEVERED WORK SURFACE 1 PENINSULA WORK SURFACE 1 ADJUSTABLE KEYBOARD TRAY 1 MOBILE PEDESTAL BOXFILE 1 PENCILDRAWER 1 CPU HOLDER	96
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	96
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32x48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	96
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type sizes and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	96
Mental Health: Day Treatment Center	OFDC1	1	Office, Chief						
Mental Health: Day Treatment Center	OFDC1	5	Office, Counseling Staff						
Mental Health: Mental Health Clinic	OFDC1	1	Office, Chief						
Mental Health: Mental Health Clinic	OFDC1	30	Office, Counseling Staff						
Mental Health: Substance Abuse Clinic	OFDC1	1	Office, Chief						
Mental Health: Substance Abuse Clinic	OFDC1	1	Office, Psychologist						
Mental Health: Substance Abuse Clinic	OFDC1	1	Office, Social Worker						
Mental Health: Substance Abuse Clinic	OFDC1	1	Rehabilitation Counselor						
				A1132	Rail, Accessory Mounting, Length As Required	1	VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	41
				A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	41

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				E0063	Workstation, L-Shaped w/Peninsula, Wall Mtd, 72x72	1	VV	THIS TYPICAL INCLUDES: 3 VERTICAL HANGING STRIPS 2 LOCKABLE FLIPPER UNITS 2 SHELVES, STORAGE/DISPLAY 2 LIGHTS 1 TACKBOARD 2 TOOL RAILS 2 PAPER TRAYS 1 DIAGONAL TRAY 1 CANTILEVERED WORK SURFACE 1 PENINSULA WORK SURFACE 1 ADJUSTABLE KEYBOARD TRAY 1 MOBILE PEDESTAL, BOXFILE 1 PENCILDRAWER 1 CPU HOLDER	41
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	41
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	41
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type sizes and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or platter) as well as light or heavy use capabilities are available.	41
Pharmacy: Non-Secure Areas	OFDC2	1	Consultation Room	M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
Radiology Radiology	OFDR1 OFDR1	1 3	Office, Chief Radiologist Office, Staff Radiologist	A6046	Artwork, Decorative, With Frame	1	VV	This JSN is to be used for determining and defining location of decorative artwork.	4
				E0063	Workstation, L-Shaped w/Peninsula, Wall Mtd, 72x72	1	VV	THIS TYPICAL INCLUDES: 3 VERTICAL HANGING STRIPS 2 LOCKABLE FLIPPER UNITS 2 SHELVES, STORAGE/DISPLAY 2 LIGHTS 1 TACKBOARD 2 TOOL RAILS 2 PAPER TRAYS 1 DIAGONAL TRAY 1 CANTILEVERED WORK SURFACE 1 PENINSULA WORK SURFACE 1 ADJUSTABLE KEYBOARD TRAY 1 MOBILE PEDESTAL, BOXFILE 1 PENCILDRAWER 1 CPU HOLDER	4

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or UNS Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	4
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32x8x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NV/DIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	4
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	4
AC: Orthopedics (Ortho)	OPGR1	1	Cast Room	A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				E0903	Locker, Supply, w/Shelves, Wall Mtd, 23"W x 20"D	1	VV	THIS TYPICAL INCLUDES: 1 Supply Locker 1 Drawer, 9"H (229mm) 4 Tray/Shelves Drawer Organizers Consider the need for an E0921 to transport the locker from place to place.	1
				E0906	Locker, Supply, General, Wall Mtd, 23"W x 20"D	1	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Drawer, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Drawers, 9"H (229mm) 1 Tray/Shelf Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	1
				E0915	Locker, Supply, Medication, Wall Mtd, 23"W x 20"D	1	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Locker Drawer w/Locked Lid, 6"H (152mm) 5 Drawers, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Tray/Shelves Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	1
				E0945	Cart, Computer, Mobile, 36"H x 32"W x 22"D	1	VV	THIS TYPICAL INCLUDES: 1 Cart Body, Style-A Narrow, w/Raised Edge Top 1 Flip-Up Shelf 1 Sharps Container Holder 1 Wastebasket and Holder 1 Chart Holder 2 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) Drawer Organizer Bins	1
				E1500	Rail, MOD, W/MINTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	1	VV	Air-flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to connect to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	1
				M0755	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	1
				M0765	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and an oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	1
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	VV	Wall or door mounted patient chart holder. Constructed of durable plastic or metal. Used for holding patient records. Size as required.	1
				M4835	Cutter, Cast, w/Vacuum	1	VV	Cast cutter with vacuum. Item has 2 HP motor and is enclosed in wheeled canister. It is equipped with built-in standpipe and handle, large bag, extractor hose, and 25 foot power cord. Item is designed for orthopedic use.	1
				M7420	Light, Exam, Mobile	1	VV	Mobile examination light mounted on a floor stand with casters. Unit features colored corrected light, an air-cooled shade and a balanced floating arm. Unit may also have a center mount detachable and sterilizable control handle. Designed for examination, treatment, and emergency areas where cool, color-corrected light is needed.	1
				M9055	Table, Exam, Orthopedic	1	VV	Orthopedic exam table. Consists of a steel or wood frame with pull out drawers and storage area. Upholstered top section adjustable to any angle. Used for orthopedic examinations.	1
				P7650	Trap, Plaster, Small	1	VV	Plastic or metal bodied plaster trap. The unit has a one piece body which is approximately 12 inches deep. The top has 1.5 inch inlet and drain connections. The trap is used in laboratories to capture solids and preclude the clogging of drain lines. The installation must allow sufficient clearance above or below the unit (depending on the manufacturer) to remove the basket for cleaning.	1
				X3930	Illuminator, Film, Double, Wall Mounted	1	VV	X-ray film illuminator approximately 20 H x 29 W x 6" D. This is a double, wall mounted type unit with a continuous viewing surface. The tension film grips are adjustable top and bottom with standard grip strip. The unit's balanced-light viewing is assured by the 32W circular fluorescent lamp. It provides 500 feet candles of cool operation across the entire 14" X 17" viewing surface. It is available with or without film-activated switch. The unit can be used in hospitals, examining rooms, satellite office or lab.	1
				X4112	Console, PACS, Remote View, 1k X 1k, 2 Monitors	1	VV	Two monitor remote viewing station for picture archiving and retrieval (PACS) system. This station is for use by providers inside or outside of radiology to review images. Station includes local image storage, image manipulation, and simultaneous display of multiple images on two 1024 x 1024 image display CRT's. Images are stored on a resident hard disk and roll off the disk as more recent images are sent to the station. Provider may request images from the PACS. Unit must be connected to the PACS by LAN for image and result receipt. This station is for use in areas like radiologist's offices and the E.R. where a more comprehensive system is required. Console must be DICOM compliant. Input may be by keyboard, mouse, trackball or voice activated commands.	1
AC: Oncology (ONC)	OPCT1	1	Chemotherapy Treatment Room	A1132	Rail, Accessory Mounting, Length As Required	1	VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	1
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	AR	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	#/VALUE!
		1		E0915	Locker, Supply, Medication, Wall Mtd, 23"W x 20"D	1	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Locker Drawer w/Locked Lid, 6"H (152mm) 5 Drawers, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Tray/Shelves Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	1
		1		E0954	Cart, Emergency, Mobile, 66"H x 52"W x 22"D	1	VV	THIS TYPICAL INCLUDES: 1 Cart body, style-A narrow, w/raised edge top and breakaway lock bar w/tabs 2 Accessory rails, side 1 Accessory rail, back 1 Defibrillator tray; 1 IV pole 1 Flip-up shelf 1 Wastebasket and holder 1 Oxygen tank holder 1 Cardiac board and hanger 1 Electrical box-4 outlet 1 Cord wrap 4 Drawer, 3"H (76mm) 3 Drawer, 6"H (152mm) Drawer organizer bins.	1
		1		E1500	Rail, MOD, W/MNTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	1
				F3200	Clock, Battery, 12" Diameter	AR	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	#/VALUE!
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	AR	VV	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to connect to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	#/VALUE!
				M0755	Flowmeter, Oxygen, Low Flow	AR	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	#/VALUE!
				M0765	Regulator, Vacuum	AR	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and an oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	#/VALUE!
		1		M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing unit tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M4116	Monitor, Vital Signs	AR	VV	Electronic sphygmomanometer. LCD displays non-invasive blood pressure, pulse rate and temperature. Used in hospitals and clinics. Includes an optional mobile stand.	#/VALUE!

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M4266	Pump, Volumetric, Infusion, Multiple Line	AR	VV	Volumetric infusion pump. Pump is self-regulating with automatic sensor and adjustable rate. Equipped with visual and audible alarms and up to 10 hour capacity battery. For the administration of a wide variety of therapeutic agents where precise control is required. Unit provides individual control to IV lines simultaneously.	#/VALUE!
				M7660	Defibrillator/Monitor/Recorder, Portable	1	VV	Portable defibrillator-monitor-recorder. Integral unit system operable from self-contained rechargeable batteries. ECG may be viewed through paddles or patient cable. Options include external pacing and 12-Lead.	1
				M7905	Oximeter, Pulse	AR	VV	Pulse oximeter for continuous surveillance of patient pulse and oxygen saturation rates. Instrument features LED display, audio and visual alarms, automatic calibration and battery operation in case of power failure. Other applications include sleep studies, exercise testing and monitoring certain patients in the home (e.g. infants or patients requiring respiratory therapy).	#/VALUE!
AC: Dermatology (Derm)	OPDU1	1	Dermatology Phototherapy Treatment Room						
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				E0210	Modular work station with under counter	1	VV	Modular work station with under counter keyboard tray, overhead storage, and wall hanger strips.	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				M8192	Hand and foot UV light box	1	VV	Hand and foot UV light box, on mobile stand, approx. 24" W x 24" D x 30" H (600 mm W x 600 mm D x 750 mm H)	1
				M1801	PC, computer	2	VV	PC, computer system, with keyboard	2
				M7410/ M8180	Whole body UV light box	1	VV	Whole body UV light box, approx. 4' (100 mm) diameter in closed position	1
				A5180	Curtain	AR	VV	Curtain, cubicle	#/VALUE!
				R7000	Refrigerator, domestic type	1	VV	Refrigerator, domestic type, 15 cu ft (0.42 m3), approx. 31" x 28" x 66" (775 mm x 700 mm x 1650 mm)	1
				M3150	Automated supply storage, Dispensing unit	AR	VV	Automated supply storage/dispensing unit (cell), approx. 27" W x 25" D x 78" H (675 mm W x 635 mm D x 1950 mm H) each cell	#/VALUE!
Cardiology	OPEC1	1	ECG Testing Cubicle						
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				E0933	Locker, Supply, Shelf & Drawer, Mbl, 29"W x 20"D	1	VV	THIS TYPICAL INCLUDES: 1 Mobile Supply Locker 3 Drawers, 6"H (152mm) 5 Tray/Shelves 5 Tray/Shell Dividers Drawer Organizer Bins	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	1	VV	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to connect to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	1
				M0765	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	1
				M0765	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and a oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	1

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M4100	Sphygmomanometer, Aneroid, Wall Mounted	1	VV	Aneroid sphygmomanometer. Unit is wall mounted and has large graphic dial display for easy reading from all angles. It has a 90 degree (angle) swivel and 10 degree (angle) forward tilt to reduce glare. Unit accuracy is within 1% of reading. Sturdy impact-resistant construction.	1
				M7710	Electrocardiograph, 12 Lead, Portable	1	VV	Used to detect the electrical signals associated with cardiac activity, diagnose cardiac abnormalities, determine a patient's response to drug therapy and reveal trends or changes in heart function. Capable of recording two or more leads simultaneously, recording an entire 12 lead ECG in about 10 seconds. Includes of a 3.5 inch, high density, floppy disk drive for test storage. Portable.	1
EEG	OPEE1	2	EEG Exam Room		<i>Insert items required for project here.</i>				0
EEG	OPEE2	1	EEG Instrument and Work Room		<i>Insert items required for project here.</i>				0
Cardiology AUD: Audiology AUD: Speech Pathology (SP) Mental Health: Administration	OPMH1 OPMH1 OPMH1 OPMH1	1 1 1 3	Pacemaker / Holter Monitor Room Group Therapy Room Group Therapy Room Group Therapy Room						6
Mental Health: Mental Health Clinic Mental Health: Mental Health Clinic	OPMH3 OPMH3	1 1	Biofeedback Control Room / Tech Office Biofeedback Treatment Room	F-2250 A5075	Camera, Portable; CCTV, With Recorder Dispenser, Soap, Disposable	1 1	VV VV	Portable camera/recorder (camcorder) with video-out capacity to accommodate a remote recorder. Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	2
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	2
				E0123	Workstation, Straight, Free Standing, 72" W	1	VV	This JSN will provide a whole work station typical to quickly plan work in areas in clinical or administrative spaces. There will be a price decrease if typical work stations are used with vertical hanging strips instead of panels. THIS TYPICAL INCLUDES: 4 Standard Solid Panels, 2 Panel Connectors, 2-Way Corner, 1 Panel-to-Panel Connector, 2 Finished End Hardware, 1 Cantilevered, Work Surface, 2 Lockable Flipper Units, 2 Shelf, Storage/Displays, 2 Lights, 1 Tack board, 1 Tool Rail, 1 Paper Tray, 1 Diagonal Tray, 1 Adjustable Keyboard Tray, 1 Mobile Pedestal, Box/File	2
				E0906	Locker, Supply, General, Wall Mtd, 23"W x 20"D	1	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Drawer, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Drawers, 9"H (229mm) 1 Tray/Shelf Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	2
				E0912	Locker, Supply, Med Surg, Wall Mtd	1	VV	Medical/Surgical Supply locker, Wall Mounted, Approx 23"W x20"D. THIS TYPICAL INCLUDES: 1 Locked Storage Container 4 Tray/Shelves 5 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) 2 Tray/Shelf Dividers Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	2

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				E1500	Rail, MOD, W/MNTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	2
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter, round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	VV	Wall or door mounted patient chart holder. Constructed of durable plastic or metal. Used for holding patient records. Size as required.	2
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing unit tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48; CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
				M4100	Sphygmomanometer, Aneroid, Wall Mounted	1	VV	Aneroid sphygmomanometer. Unit is wall mounted and has large graphic dial display for easy reading from all angles. It has a 90 degree (angle) swivel and 10 degree (angle) forward tilt to reduce glare. Unit accuracy is within 1% of reading. Sturdy impact-resistant construction.	2
				M7710	Electrocardiograph, 12 Lead, Portable	1	VV	Used to detect the electrical signals associated with cardiac activity, diagnose cardiac abnormalities, determine a patient's response to drug therapy and reveal trends or changes in heart function. Capable of recording two or more leads simultaneously, recording an entire 12 lead ECG in about 10 seconds. Includes of a 3.5 inch, high density, floppy disk drive for test storage. Portable.	2
				M7725	Electromyograph	1	VV	Unit consists of a microcomputer, leads, electrically isolated amplifiers, stimulators, display and storage capabilities. The system measures muscular electrical activity during contractions which the patient or a simulator can induce. Specific applications include nerve conduction studies to detect myopathies (myelin degradation), neuropathies (nerve compression) or myopathies (muscle disease). Most units also include an evoked potential capability. See related auditory evoked potential units at JSN M0035 and similar electromyographs at JSN M7730.	2
				M8180	Biofeedback Analysis System	1	VV	Computer based biofeedback testing and analysis system. Unit accepts electroencephalograph (EEG), electromyograph (EMG), DC potential, goniometry, body temperature and other physiologic measurements for correlation and analysis. The system is primarily used in psychiatry and psychology clinics for rehabilitation treatments and pain management training.	2
Police and Security	OPMH4	1	Operations Room	A1132	Rail, Accessory Mounting, Length As Required	1	VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	1
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				M4100	Sphygmomanometer, Aneroid, Wall Mounted	1	VV	Aneroid sphygmomanometer. Unit is wall mounted and has large graphic dial display for easy reading from all angles. It has a 90 degree (angle) swivel and 10 degree (angle) forward tilt to reduce glare. Unit accuracy is within 1% of reading. Sturdy impact-resistant construction.	1
				M4200	Otoscope/Ophthalmoscope, Wall Mounted	1	VV	Wall mounted otoscope and ophthalmoscope. Includes 6 foot line cord and plug and accepts and includes two handles. Contains head turn-on/turn-off, built-in speculum tray and 8 foot coiled cords. Unit is designed for use in patient exam rooms.	1
				M7400	Light, Exam, Table Mounted, Spotlight	1	VV	The exam light shall be table mounted. The light will be a halogen bulb that can produce a continuous and homogeneous spot of light adjustable from 5 to 9 inches in diameter from a set distance. The light intensity shall be a minimum of 750 foot-candles at a distance of 16 inches and have a color temperature of 3,200 degrees Kelvin. The unit will consist of an arm or sleeve of approximately 45 inches in length to allow for easy arm rotation and arm movement up and down.	1

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				M9025	Table, Examination/Treatment, With Cabinet	1	VV	Table, examination/treatment with cabinet. Cabinet type exam table with three section upholstered top adjustable to a full chair position. Concealed heel stirrups, dual outlets, drawers, and storage space with optional armboard. Unit is designed for general use examination/treatment rooms.	1
Cardiology	OPPE1	1	Echocardiography Exam Room	A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				E0210	Work surface, w/Overhead Cab, Wall Mtd, 48" W	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 2 Lockable Flipper Unit 1 Shelf, Storage/Display 1 Light 1 Cantilevered Work Surface	1
				E0912	Locker, Supply, Med Surg, Wall Mtd	1	VV	Medical/Surgical Supply locker, Wall Mounted, Approx. 23"W x20"D. THIS TYPICAL INCLUDES: 1 Locked Storage Container 4 Tray/Shelves 5 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) 2 Tray/Shelf Dividers Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	1
				E1500	Rail, MOD, W/MNTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	1	VV	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	1
				M0755	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	1
				M0765	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and a oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	1
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	VV	Wall or door mounted patient chart holder. Constructed of durable plastic or metal. Used for holding patient records. Size as required.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NV/DIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or UNS Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
Pulmonary Medicine (PM)	OPPF1	1	Ventilatory Test Room, Spirometry		Scanner, Ultrasound, Cardiac (Echo)	1	VV	High definition, diagnostic ultrasound system for Radiology, Cardiology, Vascular, ob-gyn, Perinatology, and Surgical imaging applications. The unit employs curved, phased and linear array imaging technology. The system supports colorflow, pulse, continuous wave imaging modalities. On board software measurement packages available for all imaging applications. The system is DICOM 3.0 compatible, for easy linkage to filmless image management systems and review stations. In addition, a full line of probes and conventional recording devices are available.	1
				M2025	Rack, gas cylinder storage	AR	VV	Rack, gas cylinder storage (PG-18-1, PG-18-6, MCS 05 50 00)	#VALUE!
					Barometer, wall	1	VV	Barometer, wall, 48" (1200 mm) high	1
				A5230	Fire blanket cabinet	1	VV	Fire blanket cabinet	1
				E0954	Cart, emergency	1	VV	Cart, emergency, "crash cart" approx. 36" x 21" (900 mm x 525 mm)	1
				M1801	PC, computer	AR	VV	PC, computer system, with keyboard	#VALUE!
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				M1801 & M1807	Computer and printer	1	VV	Computer and printer	1
				M0700/ M0705 or M0710	Machine, spirometry	1	VV	Machine, spirometry with recorder and medical gas cylinders	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				M0520	Plethysmograph	1	VV	Plethysmograph with separate medical gas cylinders	1
					Unit, diffusion	AR	VV	Unit, diffusion	#VALUE!
Pulmonary Medicine (PM)	OPPF5	1	Exercise Room		Cart, emergency	1	VV	Cart, emergency, "crash cart" approx. 36" x 21" (900 mm x 525 mm)	1
				M1801/M1807	Desk top PC	1	VV	Desk top PC, CRT, and printer	1
				E0210	Modular work station	1	VV	Modular work station with under counter keyboard tray, overhead storage, and wall hanger strips.	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				M8125	Computer assisted recumbent bicycle aerobic trainer	1	VV	Computer assisted recumbent bicycle aerobic trainer	1
				M8185	Machine, treadmill	1	VV	Machine, treadmill, with controls, 120 volt, approx. 72" x 30" (1800 mm x 750 mm)	1
				M7710	Machine, twelve	1	VV	Machine, twelve (12) leads "ECG"	1
				M0730	Metabolic cart	1	VV	Metabolic cart	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				M4116	Electronic sphygmomanometer (portable)	1	VV	Electronic sphygmomanometer (portable)	1
Cardiology	OPTM1	1	Exercise Room (Stress Lab Facility)		Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5075	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				E0210	Worksurface, w/Overhead Cab, Wall Mtd, 48" W	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 1 Lockable Flipper Unit 1 Shelf, Storage/Display 1 Light 1 Cantilevered Work Surface	1

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				E0912	Locker, Supply, Med Surg, Wall Mtd	2	VV	Medical/Surgical Supply locker, Wall Mounted, Approx. 23"W x 20"D. THIS TYPICAL INCLUDES: □ 1 Locked Storage Container □ 4 Tray/Shelves □ 5 Drawers, 3"H (76mm) □ 2 Drawers, 6"H (152mm) □ 2 Tray/Shell Dividers □ Drawer Organizer Bins □ Consider the need for an E0921 to transport the locker from place to place.	2
				E0954	Cart, Emergency, Mobile, 66"H x 52"W x 22"D	1	VV	THIS TYPICAL INCLUDES: □ 1 Cart body, style-A narrow, w/raised edge top and breakaway lock bar w/tabs □ 2 Accessory rails, side □ 1 Accessory rail, back □ 1 Defibrillator tray; 1 IV pole □ 1 Flip-up shelf □ 1 Wastebasket and holder □ 1 Oxygen tank holder □ 1 Cardiac board and hanger □ 1 Electrical box-4 outlet □ 1 Cord wrap □ 4 Drawer, 3"H (76mm) □ 3 Drawer, 6"H (152mm) □ Drawer organizer bins.	1
				E1500	Rail, MOD, W/MINTD, HX144XD	1	CC	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	1	VV	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to connect to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	1
				M0755	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	1
				M0765	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and an oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	1
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	CC	Wall or door mounted patient chart holder. Constructed of durable plastic or metal. Used for holding patient records. Size as required.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	1
				M4116	Monitor, Vital Signs	1	VV	Electronic sphygmomanometer. LCD displays non-invasive blood pressure, pulse rate and temperature. Used in hospitals and clinics. Includes an optional mobile stand.	1

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M4255	Stand, IV, Adjustable	1	VV	Adjustable IV stand with 4-hook arrangement. Stand has stainless steel construction with heavy weight base. It adjusts from 66 inches to 100 inches and is mounted on conductive rubber, ball bearing, swivel casters. Stand is used for administering intravenous solutions.	1
				M7660	Defibrillator/Monitor/Recorder, Portable	1	VV	Portable defibrillator-monitor-recorder. Integral unit system operable from self-contained rechargeable batteries. ECG may be viewed through paddles or patient cable. Options include external pacing and 12-Lead.	1
				M7710	Electrocardiograph, 12 Lead, Portable	1	VV	Used to detect the electrical signals associated with cardiac activity, diagnose cardiac abnormalities, determine a patient's response to drug therapy and reveal trends or changes in heart function. Capable of recording two or more leads simultaneously, recording an entire 12 lead ECG in about 10 seconds. Includes of a 3.5 inch, high density, floppy disk drive for test storage. Portable.	1
				M8133	Ergometer, Upper Body	1	VV	Ergometer for measuring upper body exertion during an exercise regimen. The unit consists of a seat and a hand crank mechanism at shoulder height. The unit is used for physical rehabilitation protocols and stress testing. The unit quantifiably measures the effort exerted by the patient.	1
				M8185	System, Stress Exercise, w/Treadmill	1	VV	Stress exercise system with treadmill and respiratory/metabolic assessment. The system includes an ECG amplifier, chart recorder, display console, treadmill and modules for respiratory/metabolic assessment. Used to determine patient's functional capacity, predict and diagnose cardiopulmonary and vascular diseases and for rehabilitation of patients b covering from leg injuries or other type of illness. Some vendors require a NEMA 5-20R non-locking receptacle for their treadmills.	1
Surgery-Ambulatory Surgery	ORCS1	1	Cystoscopic Room		Table, urological	1	VV	Table, urological, radiographic. Motor driven, with x-ray tube support	1
					Console, control	1	VV	Console, control	1
					Radiographic tube and high voltage	1	VV	Radiographic tube and high voltage cables, 500 ma. Single phase	1
				M1801	PC, computer	1	VV	PC, computer system, with keyboard	1
					Monitor, video	AR	VV	Monitor video	#VALUE!
				M3185	Unit, electrocautery	1	VV	Unit, electrocautery	1
				M4815	Unit, hyperthermia	1	VV	Unit, hyperthermia	1
				E0954	cart, emergency	1	VV	Cart, emergency, "crash cart" approx. 36"W x 21" D (900 mm W x 525 mm D)	1
				M0630	Machine, anesthesia equipment	1	VV	Machine, anesthesia, portable	1
				M8800	Cart, Anesthesia equipment	1	VV	Cart, anesthesia equipment	1
				M8755	Machine, suction	1	VV	Machine, suction	1
Surgery-Ambulatory Surgery	ORCW1	1	OR: Clean Core-Staff Workroom		Insert items required for project here.				0
Surgery-Ambulatory Surgery	OREC1	1	Cystoscopy: Instrument Preparation and Storage Room		Insert items required for project here.				0
Surgery-Ambulatory Surgery	ORGS1	2	OR: General Operating Room (OR)						
				M1801	CRT, computer system	1	VV	CRT, computer system, with keyboard	2
					Monitor, video	AR	VV	Monitor, video, optional system. See Utility Plan Note 5.	#VALUE!
				M3185	Unit, hyperthermia	1	VV	Unit, hyperthermia	2
				E0954	Cart, emergency	1	VV	Cart, emergency, "crash cart" approx. 36"W x 21" D (900 mm W x 525 mm D)	2
				M0630	Machine, anesthesia	1	VV	Machine, anesthesia, portable	2
				M8800	Cart, Anesthesia equipment	1	VV	Cart, anesthesia equipment	2
				M8755	Machine, suction	1	VV	Machine, suction	2
AC: Orthopedics (Ortho)	ORPC1	1	Storage, Plaster and Splints		No Schedule F items				0

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
Surgery-Ambulatory Surgery Surgery-Minor Surgery	ORPH2	3	OR: Holding Area, Patient						
	ORPH2	1	Holding Area, Patient		<i>Insert items required for project here.</i>				0
Surgery-Ambulatory Surgery Surgery-Ambulatory Surgery Surgery-Minor Surgery	ORSA1	1	Cystoscopy, Scrub-up Area						
	ORSA1	1	OR: Scrub-up Area						
	ORSA1	1	Scrub Room / Sterilizer Area		<i>Insert items required for project here.</i>				0
Surgery-Ambulatory Surgery	ORSR1	1	OR: Substerile Room						
				S0137	Sterilizer, electric single door	1	VV	Sterilizer, electric single door, recessed through one wall, chamber size: 16" x 16" x 26 3/8 cu. ft. (400 mm x 400 mm x 650 mm) 0.11m3). Provide water, compressed air, drain, electric and exhaust as required (PG-18-1, MCS 11 71 00).	1
				A0125	Sterilizer, electric single door	1	VV	Sterilizer, electric single door, cabinet enclosed, chamber size: 16" x 16" x 26 3/8 cu. ft. (400 mm x 400 mm x 650 mm) 0.11m3). Provide water, compressed air, drain, electric and exhaust as required (PG-18-1, MCS 11 71 00).	1
				M3110	Cabinet, blanket and solution warming	1	VV	Cabinet, blanket and solution warming, two heated compartments, electrical (service as required), recessed, 30" x 27" x 76" (750 mm x 675 mm x 1900 mm) (PG-18-1, MCS 11 53 71)	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
SPD: Clean SPD: Clean	ORSS1	1	Storage, Bulk and Receiving						
	ORSS1	1	Storage, Sterile / Nonsterile						
				E0903	Locker, Supply, w/Shelves, Wall Mtd, 23"W x 20"D	AR	VV	THIS TYPICAL INCLUDES: 1 Supply Locker 1 Drawer, 9"H (229mm) 4 Tray/Shelves Drawer Organizers Consider the need for an E0921 to transport the locker from place to place.	#VALUE!
				E0906	Locker, Supply, General, Wall Mtd, 23"W x 20"D	AR	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Drawer, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Drawers, 9"H (229mm) 1 Tray/Shelf Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	#VALUE!
				E1500	Rail, MOD, W/MNTD, HX144XD	3	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	6
Mental Health: Occupational Therapy	OTDL1	1	Basic Clinic						
					<i>Insert items required for project here.</i>				0
PMR: Occupational Therapy (OT)	OTGC1	1	Treatment Clinic						
					<i>Insert items required for project here.</i>				0
AUD: Audiology	PEHS1	1	Booth, Audometric Exam						

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)									
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M0030	Audiometer, Diagnostic	1	VV	One person audiometer. Unit includes talk over communication between operator and patient, automatic calibration, frequency and hearing level controls. Unit may require an external printer. Used for clinical audiological testing.	1
				M4200	Otoscope/Ophthalmoscope, Wall Mounted	1	VV	Wall mounted otoscope and ophthalmoscope. Includes 6 foot line cord and plug and accepts and includes two handles. Contains head turn-on/turn-off, built-in speculum tray and 8 foot coiled cords. Unit is designed for use in patient exam rooms.	1
AUD: Audiology	PESH4	1	Suite, Audiometric Exam	F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M0010	Recorder, Tape, w/Delayed Audio Feedback	1	VV	Delayed audio feedback tape recorder. Unit consists of a recorder and playback mechanism which delays speech playback so the patient can directly associate what was said with how it sounds. The unit includes a delay mode/time selector, amplifier and microphone. Electrical specifications are for an optional battery recharger. Some manufacturers equipment requires an ancillary computer for operation; refer to the specific maker's literature. See JSN M1800 for computer equipment. Used for speech modification training and therapy.	1
				M0025	Audiometer, Diagnostic, Middle Ear, Impedance	1	VV	Diagnostic impedance audiometer. Unit includes a clinical ear analyzer and can link to a complete data base computer system that stores patient results. Used for diagnostic audiological testing for middle ear impedance / compliance.	1
				M0030	Audiometer, Diagnostic	1	VV	One person audiometer. Unit includes talk over communication between operator and patient, automatic calibration, frequency and hearing level controls. Unit may require an external printer. Used for clinical audiological testing.	1
				M0041	Booth, Audio, Double Wall, Suite	1	CC	Double wall audiometric testing suite with double walled examination and control rooms. Unit includes recessed incandescent lights, carpet, keyed locks on both outer doors, a twelve outlet surface mounted plug mold strip in both rooms. A 24"x30" viewing window and self contained ventilation system permit extended examinations. Unit also includes jack panel between the exam and control rooms. Height may require raising room ceiling.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48X CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	1
				M4200	Otoscope/Ophthalmoscope, Wall Mounted	1	VV	Wall mounted otoscope and ophthalmoscope. Includes 6 foot line cord and plug and accepts and includes two handles. Contains head turn-on/turn-off, built-in speculum tray and 8 foot coiled cords. Unit is designed for use in patient exam rooms.	1
Pharmacy: Secure Areas	PHBS1	1	Drug Receiving, Breakdown and Verification Area		Insert items required for project here.				0
Pharmacy: Secure Areas	PHBS2	1	Oncology: Storage and Clean / Decontamination Area	F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				R0600	Refrigerator, biological	1	VV	Refrigerator, biological, reach-in, with hinged glass doors, 30" W x 33" D x 81" H (750 mm W x 825 mm D x 2025 mm H)	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				M3150	Automated medication storage/dispensing unit	AR	VV	Automated medication storage/dispensing unit (cell), secure, approx. 27" W x 25" D x 78" H (675 mm W x 635 mm D x 1950 mm H)	#/VALUE!

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
AC: Exam / Treatment Modules (ETM) Mental Health: Methadone Maintenance	PHDS1 PHDS1	5 1	NS: Prescription Receiving Station Methadone Dispensing Pharmacy						
					<i>Insert items required for project here.</i>				0
Pharmacy: Secure Areas	PHIV3	1	Oncology: Preparation Area	L2336	Biological safety cabinet	1	VV	Biological safety cabinet H12B2-48 (laminar flow). Class II, Type B-2, 100% direct exhausted air through the work-space. 48" W x 38" D x 72" H (1200 mm W x 950 mm D x 1800 mm H) (PG-18-1, PG-18-6; MCS 11 53 53)	1
					Cabinet, intravenous	1	VV	Cabinet, intravenous (IV), visual clarity inspection, 30" W x 24" D (760 mm W x 600 mm D), 120 volts	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				R6060	Refrigerator, biological	1	VV	Refrigerator, biological, reach-in, with hinged glass doors, 30" W x 33" D x 81" H (760 mm W x 825 mm D x 2025 mm H)	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
Pharmacy: Secure Areas	PHMP1	1	Extemporaneous Compounding	E0603	Shelf Unit, Pharmacy	AR		THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 3 Shelf, Unit	#VALUE!
Pharmacy: Secure Areas Pharmacy: Secure Areas	PHMP2 PHMP2	1 1	Mail Out Prepackaging	E0603	Shelf Unit, Pharmacy	AR		THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 3 Shelf, Unit	#VALUE!
Pharmacy: Secure Areas	PHOD1	1	Filling and Assembly	E0603	Shelf Unit, Pharmacy	AR		THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 3 Shelf, Unit	#VALUE!
Pharmacy: Secure Areas Pharmacy: Secure Areas	PHOD2 PHOD2	1 1	Dispensing Storage, Active	A1095 A5075	Message Board, Digital Dispenser, Soap, Disposable	1 1	VV VV	Digital message display board. Electronic 80 character display with data memory enclosed in an aluminum frame. For use in areas like the pharmacy waiting room. Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	2 2
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	2
				E0606	Shelf Unit, Pharmacy, Wall Mtd, 88"Hx48"Wx9"D	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 3 Shelf, Unit	2
				E0612	Shelf Unit, Pharmacy, Wall Mtd, 88"Hx48"Wx16"D	1	VV	THIS TYPICAL INCLUDES: 2 Vertical Hanging Strips 3 Shelf, Unit	2
				F2550	Shredder, Paper Heavy Duty	1	VV	Shredder shall be able to process a minimum of 25 sheets of paper per pass at a minimum rate of 25 feet per minute. The unit shall have a 16 inch throat to accept paper. Paper shall be shredded into 1/4 inch strips.	2
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or UNS Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32x8x, CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
				M1825	Printer, Computer	1	VV	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	2
				M1830	Printer, Label, Pharmacy	1	VV	Label printer for use in pharmacy applications. The printer shall be bench top standing. It shall be flexible enough to accommodate label sizes up to 4 inches, with a minimum print speed of 6 inches per second and a minimum resolution of 203 dpi.	2
				M1855	Facsimile Machine	1	VV	Plain paper facsimile unit used to transmit printed matter or images over standard telephone lines. The unit operates at a modem speed of 33.6 Kbps and automatically recognizes and communicates with a variety of standard facsimile machines. Commonly referred to as "fax" unit.	2
				M3150	Distribution System, Medication, Automatic	1	VV	An automated dispensing system that provides controlled dispensing, inventory and security. Size and cost will vary dependent on number of modules selected.	2
				M7265	Counter, Pill/Tablet, Automated, Counter Mounted	1	VV	Table mounted prescription counter device that counts tablets and capsules directly into the final container. The unit shall automatically count and dispense tablets and capsules into a container with speed and accuracy.	2
				M7280	Dispensing System, Prescription, Robotic	1	VV	Robotic prescription dispensing system. System handles 200 tablets and capsules and delivers filled and labeled vials at a rate of up to 100 prescriptions per hour. System uses a computer controlled robotic arm to fill vials directly from medication dispensing cells.	2
				R6060	Refrigerator, Biological, SS, 2 Door, 40 Cu Ft	1	VV	Biological refrigerator. This unit shall have a minimum volume of 40 cubic feet, double doors, double doors, stainless steel cooler storage with stainless steel drawers, three adjustable shelves and one stationary stainless steel shelf. This refrigerator is used in research laboratories and hospital pharmacies for storage and dispensing of drugs.	2
PMR: Physical Therapy (PT)	PTEA1	1	Treatment Exercise Area	F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				G1026	Exercise Apparatus, Weight Training, Multi-Station	1	VV	Multi-station weight training apparatus for physical development and rehabilitation. Unit features a variety of benches, pull bars, supports and seats grouped around a central frame containing one or more weight stacks. Each station is designed to exercise specific muscle groups. A person can perform an extensive weight training routine by moving around the apparatus from station to station. More than one person can use the apparatus simultaneously by training at different stations. The number and types of exercises available depend on the specific model of equipment chosen. Greater system weight capacities for high level athletic competition training are available on some models. The room ceiling may have to be raised to accommodate this equipment. The database specifications refer to a higher end system with a large number of training stations and a standard weight set.	1
AC: Exam / Treatment Modules (ETM) Endoscopy Surgery-Ambulatory Surgery Surgery-Minor Surgery	RCA01 RCA01 RCA01 RCA01	2 1 1 1	NS: Storage, Crash Cart Storage, Crash Cart Storage, Crash Cart Storage, Crash Cart	E0954	Cart, Emergency, Mobile, 66"H x 52"W x 22"D	1	VV	THIS TYPICAL INCLUDES: 1 Cart body, style-A narrow, w/raised edge top and breakaway lock bar w/tabs 2 Accessory rails, side 1 Accessory rail, back 1 Defibrillator tray; 1 IV pole 1 Flip-up shelf 1 Wastebasket and holder 1 Oxygen	5

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M7660	Defibrillator/Monitor/Recorder, Portable	1	VV	Portable defibrillator-monitor-recorder. Integral unit system operable from self-contained rechargeable batteries. ECG may be viewed through paddles or patient cable. Options include external pacing and 12-Lead.	5
				M7905	Oximeter, Pulse	1	VV	Pulse oximeter for continuous surveillance of patient pulse and oxygen saturation rates. Instrument features LED display, audio and visual alarms, automatic calibration and battery operation in case of power failure. Other applications include sleep studies.	5
				M8770	Aspirator/Pressure Unit, General Purpose	1	VV	General purpose suction/pressure apparatus. Double stainless steel console unit with a 1/8 HP motor, stand-mounted. Stands include 2 1/2" casters with chemical resistant top. Pumps suction capacity: 22 LPM. Unit includes collection bottle, bacteria f	5
AC: HAS (MAS)	RECP1	1	Central Reception Counter and Supplemental						
AC: Exam / Treatment Modules (ETM)	RECP1	5	HAS: Clinic Module Reception Area						
AUD: Audiology and Speech Pathology	RECP1	1	Office, Reception / Control Clerk						
Endoscopy	RECP1	1	Reception Area						
Eye Clinic	RECP1	1	Reception Area						
Mental Health: Administration	RECP1	1	Reception / Control Unit						
Prosthetics and Sensory Aids	RECP1	1	Reception and Waiting Area						
Surgery-Ambulatory Surgery	RECP1	1	Reception						
Surgery-Minor Surgery	RECP1	1	Reception	F2540	Shredder, Paper, Security	1	VV	Paper shredder, approximately 18" high X 15" wide X 12" deep with shredding unit and waste receptacle.	13
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	13
				M1605	Holder, Chart, 20 Each	1	VV	Clinical chart holder cart. 20 chart capacity, 2 side-by-side tiers. May be ordered in various chart capacities. Constructed of heavy metal frames with vinyl laminated surfaces or painted panels. 3" casters with locks. Used to hold patient spring loaded charts.	13
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	2	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1,44MB network interface card; video 32 MB NV/DIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	26
				M1820	Imprinter, Data Record, Electric	1	VV	Electric data record imprinter. The device accepts embossed plastic patient cards in either the 50 column or the 80 column format and adjusts automatically for card size and form thickness. Device will provide clear readable impressions with a cycle that is less than 1 second in length. Electro-mechanical design provides for a consistent impression that is independent of operator knowledge or technique. Unit may include a date/time stamp as an accessory.	13
				M1840	Printer/Copier/Fax Combination	1	VV	Multifunctional printer, fax, scanner and copier (PFC) all-in-one machine.	13
Lobby	RECP3	1	Information Desk	F2540	Shredder, Paper, Security	1	VV	Paper shredder, approximately 18" high X 15" wide X 12" deep with shredding unit and waste receptacle.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M1605	Holder, Chart, 20 Each	1	VV	Clinical chart holder cart. 20 chart capacity, 2 side-by-side tiers. May be ordered in various chart capacities. Constructed of heavy metal frames with vinyl laminated surfaces or painted panels. 3" casters with locks. Used to hold patient spring loaded charts.	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				E0099	Workstation, Corner Work Surf, Free Stand, 72x96	1	VV	THIS TYPICAL INCLUDES: 4 Standard Solid Panel 2 Panel-to-Panel Connectors 1 Panel Connector, 2-Way Corner 2 Finished End Hardware 1 Cantilevered Corner Work Surface 3 Lockable Flipper Units 3 Lights 2 Tackboards 2 Tool Rails 2 Paper Trays 1 Diagonal Tray 1 Adjustable Keyboard Tray 1 Mobile Pedestal, Box/File 2 Support Panels	17
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	17
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing unit, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32x48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32. MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	17
EMS	SHRHM1	1	Infectious / Hazardous Waste						0
								Insert items required for project here.	
AMMS- Acquisition and Distribution	SHRM1	1	Storage, Flammable					Insert items required for project here.	0
AC: Dermatology (Derm)	SHWR1	1	Dermatology Phototherapy Shower Room						0
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				M8192	Hand and foot UV light box	1	VV	Hand and foot UV light box, on mobile stand, approx. 24" W x 24" D x 30" H (600 mm W x 600 mm D x 750 mm H)	1
				M1801	PC, computer	2	VV	PC, computer system, with keyboard	2
				M7410/ M8151	Whole body UV light box	1	VV	Whole body UV light box, approx. 4' (100 mm) diameter in closed position	1
				R7000	Refrigerator, domestic type	1	VV	Refrigerator, domestic type, 15 cu ft (0.42 m3), approx. 31" x 28" x 66" (775 mm x 700 mm x 1650 mm)	1
				M3150	Automated supply storage, Dispensing unit	AR	VV	Automated supply storage/dispensing unit (cell), approx. 27" W x 25" D x 78" H (675 mm W x 635 mm D x 1950 mm H) each cell	#VALUE!
Canteen Service	SL001	1	Staff Lunch / Break Room						
Surgery-Ambulatory Surgery	SL001	1	OR: Lounge, Nurses and other OR Staff						
Surgery-Ambulatory Surgery	SL001	1	OR: Lounge, Surgeons, Residents and Students						
				A5075	Dispenser, Soap, Disposable	AR	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	#VALUE!
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	3

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				K1552	Brewer, Coffee, Auto, Elect, 3 Burner, Front/Back	1	VV	Space saving front to back automatic coffee maker. This unit includes a heating tank, connection for a cold water supply, decanter service with three burners, funnel and a water flow controller. The unit is used for semi-automatic coffee brewing in cafeterias and commercial institutions. The unit automatically shuts off the water flow when enough has passed through to fill the pot. The unit is normally provided plumbed with a hot water faucet to the side for making other hot drinks (tea, cider, cocoa, etc.). The database height dimension does not include the clearance for coffee decanters warming on the upper burners.	3
				K4665	Oven, Microwave, Consumer	1	VV	Counter mounted microwave oven for average duty use. The exterior cabinet can be metal or heavy duty impact resistant plastic. The oven delivers instant energy for rapid heating, defrosting or prime cooking. The oven has touch pad controls, digital timer, power level selector and preprogrammed selectors for commonly cooked items. This oven is commonly found in staff lounges.	3
				K8250	Toaster, Pop-Up, 4 Slice, Electric	1	VV	Four (4) slice, electric pop-up toaster. The toaster casing is made from stainless steel and can produce up to 290 slices/hr. This is used to toast sliced bread in food service kitchens and hospital cafeteria operations. Several electrical power configurations are available; some may require special wall receptacles. Refer to manufacturers' specifications.	3
				M0500	Television, Color, 20" Diagonal	1	VV	Color television. Unit consists of a color receiver/monitor, with remote control, full off-air channel capability, automatic light sensor, broadcast stereo sound and automatic color balance.	3
				R7000	Refrigerator, 14 Cubic Feet	1	VV	This is a 14 Cubic Foot frostless top mount refrigerator/freezer approximately 64" H x 28" W x 29" D. Combination unit that is used in households or other areas where general purpose storage of perishable items is required.	3
AUD: Audiology	SRCH1	1	Instrument Calibration and Storage Room						
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				R7250	Refrigerator	1	VV	Refrigerator, 120V	1
Pharmacy: Secure Areas	SRCS1	1	Storage, Prosthetic and Medical Supplies						
Prosthetics and Sensory Aids	SRCS1	1	Prosthetic Appliance Storage: Mailing Room						
Prosthetics and Sensory Aids	SRCS1	1	Prosthetic Appliance Storage: Storage Room						
AMMS: Acquisition and Distribution	SRE01	1	Storage, Equipment						
AC: HAS Medical Information Section	SRE01	1	Supplemental Equipment Space						
AC: HAS Transcription Unit (TU)	SRE01	1	Supplemental Equipment Space						
AC: Urgent Care	SRE01	1	Storage, Medical Equipment						
Dental	SRE01	1	Storage Room						
PMR: Occupational Therapy (OT)	SRE01	1	Storage, Equipment						
PMR: Physical Therapy (PT)	SRE01	1	Storage, Equipment						
Radiology	SRE01	1	Computed Tomography: Storage Room						
Surgery-Ambulatory Surgery	SRE01	2	OR: Storage, Equipment and Apparatus						
Surgery-Minor Surgery	SRE01	1	Storage, Equipment and apparatus						
AMMS: Acquisition and Distribution	SRGC1	1	Storage, Medical Gas						
SPD: Clean	SRGC1	1	Storage, Ethylene Oxide Gas Cylinder						
Surgery-Ambulatory Surgery	SRGC1	3	OR: Storage, Gas Cylinder Room						
Surgery-Minor Surgery	SRGC1	1	Storage, Gas Cylinder Room						
				M2015	Cabinet, Storage, Flammable, Freestanding	AR	VV	Freestanding flammable safety storage cabinet. Size as required. Unit is of all welded steel wall construction with vented grounding attachments, raised leak proof door sill and adjustable shelving. Equipped with swinging doors and built-in key lock. Designed for storage of flammable fluids. Complies with OSHA standards, is FM approved and designed IAW NFPA 30.	#VALUE!
AMMS: Acquisition and Distribution	SRHM1	1	Storage, Bio-hazard Waste						
Pharmacy: Secure Areas	SRHM1	1	Storage, Flammable						

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
AC: Urgent Care Lobby Radiology Surgery-Ambulatory Surgery Surgery-Minor Surgery	SRLW1 SRLW1 SRLW1 SRLW1 SRLW1	1 1 7 3 1	Storage, Wheelchair and Stretcher Storage, Wheelchair Waiting, Wheelchair and Stretcher OR: Storage, Gurney Storage, Gurney	M2015	Cabinet, Storage, Flammable, Freestanding	AR	VV	Freestanding flammable safety storage cabinet. Size as required. Unit is of all welded steel wall construction with vented grounding attachments, raised leak proof door sill and adjustable shelving. Equipped with swinging doors and built-in key lock. Designed for storage of flammable fluids. Complies with OSHA standards, is FM approved and designed IAW NFPA 30.	#/VALUE!
Pharmacy: Secure Areas	SRR01	1	Refrigeration / Freezer Area		No Schedule F Items	NR			0
PLM: Laboratories	SRR02	1	Storage, Refrigerated		Insert items required for project here.				0
AMMS: Acquisition and Distribution AC: Exam / Treatment Modules (ETM) Mental Health: Day Treatment Center Mental Health: Occupational Therapy Mental Health: Substance Abuse Clinic PLM: Laboratories Service Organizations Surgery-Ambulatory Surgery Voluntary Service	SRS01 SRS01 SRS01 SRS01 SRS01 SRS01 SRS01 SRS01 SRS01	1 5 1 1 1 1 1 1 1	Storage, Form / Processed Stores Storage, Linen, Stretcher and Medical Equipment Social Activities Space / Storage Utility and Storage Storage, Bulk Postanesthesia Recovery (PAR): Storage Storage		Insert items required for project here.				0
				E0903	Locker, Supply, w/Shelves, Wall Mtd, 23"W x 20"D	2	VV	THIS TYPICAL INCLUDES: 1 Supply Locker 1 Drawer, 9"H (229mm) 4 Tray/Shelves Drawer Organizers Consider the need for an E0921 to transport the locker from place to place.	26
				E0906	Locker, Supply, General, Wall Mtd, 23"W x 20"D	5	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Drawer, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Drawers, 9"H (229mm) 1 Tray/Shell Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	65
				E1500	Rail, MOD, W/MINTD, HX144XD	3	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	39
AUD: Audiology Clinic Management EMS HAS: Fee Services Section HAS: Medical Care Cost Recovery (MCC)	SRSE1 SRSE1 SRSE1 SRSE1 SRSE1	1 1 1 1 1	Equipment Area Support Equipment Storage, Environmental Management Supplies / Large Equipment Supplemental Equipment Space Supplemental Equipment Space						

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
SPD: Clean	SRSE1	1	Storage, Equipment and Testing Room	E0903	Locker, Supply, w/Shelves, Wall Mtd, 23"W x 20"D	3	VV	THIS TYPICAL INCLUDES: 1 Supply Locker 1 Drawer, 9"H (229mm) 4 Tray/Shelves Drawer Organizers Consider the need for an E0921 to transport the locker from place to place.	18
				E0906	Locker, Supply, General, Wall Mtd, 23"W x 20"D	2	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Drawer, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Drawers, 9"H (229mm) 1 Tray/Shell Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	12
				E0912	Locker, Supply, Med Surg, Wall Mtd	2	VV	Medical/Surgical Supply locker, Wall Mounted, Approx 23"W x20"D. THIS TYPICAL INCLUDES: 1 Locked Storage Container 4 Tray/Shelves 5 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) 2 Tray/Shell Dividers Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	12
Pharmacy: Secure Areas	SSS01	1	Storage, Controlled Substance / Secured Dispensing		Rail, MOD, W/MNTD, HX144XD	2	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	12
Mental Health: Methadone Maintenance	SSV01	1	Storage / Vault		Insert items required for project here.				0
Surgery-Ambulatory Surgery	TLTF2	1	OR: Toilet / Shower Room, Female Staff		Insert items required for project here.				0
Surgery-Ambulatory Surgery	TLTM2	1	OR: Toilet / Shower Room, Male Staff						
EMS: LLTS	TLTS1	1	Shower, Female Staff						
EMS: LLTS	TLTS1	1	Shower, Male Staff						
SPD: Soiled	TLTS1	1	Lockers, Toilet and Shower Facilities						
AC: HAS File Unit (FU)	TLTU1	2	FU Toilet	A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	5
AC: Exam / Treatment Modules (ETM)	TLTU1	2	Toilet, Public						
AC: Exam / Treatment Modules (ETM)	TLTU1	2	NS: Toilet, Staff						
AC: Gastroenterology (GI)	TLTU1	1	Toilet, Patient						
AC: Oncology (ONC)	TLTU1	1	Toilet, Patient						
AC: Womens's Health / GYN	TLTU1	1	Toilet, Patient						
AUD: Audiology and Speech Pathology	TLTU1	1	Toilet, Patient						
Clinic Management	TLTU1	1	Toilet, Staff						
Dental	TLTU1	1	Patient Toilet						

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
Endoscopy	TLTU1	3	Toilet, Patient		Dispenser, Soap, Disposable	AR	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	#VALUE!
Lobby	TLTU1	1	Toilet, Female, Public						
Lobby	TLTU1	1	Toilet, Male, Public						
EMS: LLTS	TLTU1	10	Toilet, Staff						
Mental Health: Administration	TLTU1	1	Toilet, Patient Female						
Mental Health: Administration	TLTU1	1	Toilet, Patient Male						
Mental Health: Administration	TLTU1	1	Toilet, Staff						
Mental Health: Methadone Maintenance	TLTU1	1	Toilet, Urine Specimen Collection						
PLM: Laboratories	TLTU1	1	Toilet, Urine Specimen Collection						
Pharmacy: Secure Areas	TLTU1	1	Toilet, Staff						
PMR: Physical Therapy (PT)	TLTU1	1	Toilet, Patient						
Radiology	TLTU1	1	Computed Tomography: Toilet, Patient						
Radiology	TLTU1	1	Ultrasound: Toilet, Patient						
Surgery-Ambulatory Surgery	TLTU1	1	Postanesthesia Recovery (PAR): Toilet, Staff						
Surgery-Ambulatory Surgery	TLTU1	2	Toilet, Patient						
Surgery-Minor Surgery	TLTU1	2	Toilet, Patient						
Surgery-Minor Surgery	TLTU1	2	Toilet, Staff						
Endoscopy	TREE1	2	EGD Procedure Room	A5075	Dispenser, Soap, Disposable	AR	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	#VALUE!
				A1132	Rail, Accessory Mounting, Length As Required	1	VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	2
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	2
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	2
				E0906	Locker, Supply, General, Wall Mtd, 23"W x 20"D	1	VV	Supply Locker w/ wire shelves; approximately 29"W x 20"D. THIS TYPICAL INCLUDES: 1 Mobile Supply Locker 1 Drawer, 6"H (152mm) 5 Wire Shelves	2
				E0912	Locker, Supply, Med Surg, Wall Mtd	1	VV	Medical/Surgical Supply locker, Wall Mounted, Approx 23"W x 20"D. THIS TYPICAL INCLUDES: 1 Locked Storage Container 4 Tray/Shelves 5 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) 2 Tray/Shell Dividers Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	2
				E0918	Locker, Supply, Endoscopy, Wall Mtd, 24"W x 14"D	1	VV	THIS TYPICAL INCLUDES: 1 Scope Storage Cabinet w/Lock 1 Bracket, Endoscope 1 Bracket, Distal Tube 1 Cabinet Drip Pan E1600 Wall Mounting Rail is required Consider the need for an E0921 to transport the locker from place to place.	2

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				E0948	Cart, General Storage, Mobile, 42"H x 32"W x 22"D	1	VV	THIS TYPICAL INCLUDES: 1 Cart Body, Style-A Narrow, w/Raised Edge Top 1 Accessory Rail, Side 2 Drawers, 3" H (76mm) 4 Drawers, 6" H (152mm) Drawer Organizer Bins	2
				E0954	Cart, Emergency, Mobile, 66"H x 52"W x 22"D	1	VV	THIS TYPICAL INCLUDES: 1 Cart body, style-A narrow, w/raised edge top and breakaway lock bar w/tabs 2 Accessory rails, side 1 Accessory rail, back 1 Defibrillator tray; 1 IV pole 1 Flip-up shelf 1 Wastebasket and holder 1 Oxygen tank holder 1 Cardiac board and hanger 1 Electrical box-4 outlet 1 Cord wrap 4 Drawer, 3"H (76mm) 3 Drawer, 6"H (152mm) Drawer organizer bins.	2
				E1500	Rail, MOD, W/MINTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	2
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	1	VV	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to connect to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	2
				M0765	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	2
				M0765	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and a oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	2
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32x48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
				M1802	Work Station, Computer, Retractable, Wall Mounted	1	VV	A wall mounted retractable work station. Work station is used as a computer station in treatment rooms, exam rooms and areas where physical space is limited.	2
				M3160	Cabinet, Storage, Hanging	1	VV	Scope hanging cabinet. Cabinet has the capacity to hold up to nine scopes. Some cabinets may have a roll top closure and optional storage drawer.	2
				M3175	Electrosurgical Unit, Dual Output	1	VV	Dual output electrosurgical unit. Solid state power source with foot switch jacks, monopolar and bipolar outputs, and four independent modes of operation. Used in the operating room or surgeon center as an alternative to the scalpel for cutting tissue.	2
				M4116	Monitor, Vital Signs	1	VV	Electronic sphygmomanometer. LCD displays non-invasive blood pressure, pulse rate and temperature. Used in hospitals and clinics. Includes an optional mobile stand.	2

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Acquisition/ Installation	Qty per Room	Item Description	Total Qty
				M4255	Stand, IV, Adjustable	VV	1	Adjustable IV stand with 4-hook arrangement. Stand has stainless steel construction with heavy weight base. It adjusts from 66 inches to 100 inches and is mounted on conductive rubber, ball bearing, swivel casters. Stand is used for administering intravenous solutions.	2
				M4266	Pump, Volumetric, Infusion, Multiple Line	VV	1	Volumetric infusion pump. Pump is self-regulating with automatic sensor and adjustable rate. Equipped with visual and audible alarms and up to 10 hour capacity battery. For the administration of a wide variety of therapeutic agents where precise control is required. Unit provides individual control to IV lines simultaneously.	2
				M7660	Defibrillator/Monitor/Recorder, Portable	VV	1	Portable defibrillator-monitor-recorder. Integral unit system operable from self-contained rechargeable batteries. ECG may be viewed through paddles or patient cable. Options include external pacing and 12-Lead.	2
				M7905	Oximeter, Pulse	VV	1	Pulse oximeter for continuous surveillance of patient pulse and oxygen saturation rates. Instrument features LED display, audio and visual alarms, automatic calibration and battery operation in case of power failure. Other applications include sleep studies, exercise testing and monitoring certain patients in the home (e.g. infants or patients requiring respiratory therapy).	2
				M8517	Endoscope, Fiberoptic, Therapeutic	VV	1	Flexible fiberoptic endoscope. This scope is designed for small bowel exploration, washing, biopsy or tissue removal and suctioning. Unit consists of a thin flexible casing with a suction adapter, an instrument channel, light guides, an air/water channel, an objective lens with an optical image fiber cluster, an eyepiece and a cable for connection to a light source. Casings and instrument channels can have varying dimensions depending on endoscope design and intended procedure. Sonde-type scopes feature a second water channel for balloon cuff inflation.	2
				M8607	Endoscopy Cart, Fiberoptic, w/Video, Info. Mgmt.	VV	1	Endoscopy cart with video and print capabilities for use with fiberoptic (direct vision) endoscopes. This cart does not work with videoscopes. System takes optical images from a single endoscope and directly records them or converts them to digital signals for recording. A typical system cart includes the cart, a light source, an insufflator, a suction unit, a heat probe unit, an electro-surgical apparatus, a digital camera converter or color video camera, a camera controller, a monitor, a video recorder and a color printer. This JSN does not include the endoscope; refer to the endoscopes at JSNs M8500-M8550. Each cart can support one or more types of endoscope and should be specifically tailored to its intended use(s). This cart can be configured to interface with a network endoscopy information management system; refer to JSN M8600. Database physical information and pricing is for a higher cost system containing one of each of the above components.	2
				X3990	Illuminator, Film, 4 Panels, Wall Mounted	VV	1	X-ray film illuminator approximately 20" H x 29" W x 6" D. This is a double, wall mounted type unit with a continuous viewing surface. The tension film grips are adjustable top and bottom with standard grip strip. The unit's balanced-light viewing is assured by the 32W circular fluorescent lamp. It provides 500 foot candles of cool operation across the entire 14" X 17" viewing surface. It is available with or without film-activated switch. The unit can be used in hospitals, examining rooms, satellite office or lab.	2
AUD, Audiology	TREN1	1	Immittance Room	A1132	Rail, Accessory Mounting, Length As Required	VV	1	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	1
				A5075	Dispenser, Soap, Disposable	VV	1	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	VV	1	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				E0915	Locker, Supply, Medication, Wall Mtd, 23" W x 20" D	1	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Locker Drawer w/Locked Lid, 6"H (152mm) 5 Drawers, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Tray/Shelves Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	1
				E0954	Cart, Emergency, Mobile, 66"H x 52"W x 22"D	1	VV	THIS TYPICAL INCLUDES: 1 Cart body, style-A narrow, w/raised edge top and breakaway lock bar w/tabs 2 Accessory rails, side 1 Accessory rail, back 1 Defibrillator tray, 1 IV pole 1 Flip-up shelf 1 Wastebasket and holder 1 Oxygen tank holder 1 Cardiac board and hanger 1 Electrical box-4 outlet 1 Cord wrap 4 Drawer, 3"H (76mm) 3 Drawer, 6"H (152mm) Drawer organizer bins.	1
				E1500	Rail, MOD, W/MNTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	1	VV	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to connect to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	1
				M0755	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	1
				M0765	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and a oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	1
				M1620	Holder, Chart, Patient, Wall or Door Mounted	1	VV	Wall or door mounted patient chart holder. Constructed of durable plastic or metal. Used for holding patient records. Size as required.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor, 512 MB memory, 80GB hard drive, 32MBx CD-ROM/DVD combo, a 3.5" floppy drive, 1.44MB network interface card, video 32 MB NVIDIA, a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M1802	Work Station, Computer, Retractable, Wall Mounted	1	VV	A wall mounted retractable work station. Work station is used as a computer station in treatment rooms, exam rooms and areas where physical space is limited.	1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)									
Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Acquisition/ Installation	Qty per Room	Item Description	Total Qty
				M4100	Sphygmomanometer, Aneroid, Wall Mounted	VV	1	Aneroid sphygmomanometer. Unit is wall mounted and has large graphic dial display for easy reading from all angles. It has a 90 degree (angle) swivel and 10 degree (angle) forward tilt to reduce glare. Unit accuracy is within 1% of reading. Sturdy impact-resistant construction.	1
				M4116	Monitor, Vital Signs	VV	1	Electronic sphygmomanometer. LCD displays non-invasive blood pressure, pulse rate and temperature. Used in hospitals and clinics. Includes an optional mobile stand.	1
				M4200	Otoscope/Ophthalmoscope, Wall Mounted	VV	1	Wall mounted otoscope and ophthalmoscope. Includes 6 foot line cord and plug and accepts and includes two handles. Contains head turn-tilt-off, built-in speculum tray and 8 foot coiled cords. Unit is designed for use in patient exam rooms.	1
				M4266	Pump, Volumetric, Infusion, Multiple Line	VV	1	Volumetric infusion pump. Pump is self-regulating with automatic sensor and adjustable rate. Equipped with visual and audible alarms and up to 10 hour capacity battery. For the administration of a wide variety of therapeutic agents where precise control is required. Unit provides individual control to IV lines simultaneously.	1
				M7405	Light, Exam, Ceiling Mounted	VV	1	Ceiling exam light. Consists of a light-headed reflector supported by a ceiling mounted radial arm assembly that provides a wide range of positioning capabilities. Halogen bulbs and an intensity control provide cool, color corrected light. The minimum ceiling height in most cases is 8'-0"; refer to each manufacturer's specific installation requirements. Physical dimensions refer to the retracted light; one length of the dual swing arm around the center mount in width and depth and the combined height of the lamp head and folded arms. Unit may also have a center mount detachable and sterilizable control handle. For use in minor procedure or examination room applications.	1
				M7660	Defibrillator/Monitor/Recorder, Portable	VV	1	Portable defibrillator-monitor-recorder. Integral unit system operable from self-contained rechargeable batteries. ECG may be viewed through paddles or patient cable. Options include external pacing and 12-Lead.	1
				M7710	Electrocardiograph, 12 Lead, Portable	VV	1	Used to detect the electrical signals associated with cardiac activity, diagnose cardiac abnormalities, determine a patient's response to drug therapy and reveal trends or changes in heart function. Capable of recording two or more leads simultaneously, recording an entire 12 lead ECG in about 10 seconds. Includes of a 3.5 inch, high density, floppy disk drive for test storage. Portable.	1
				M7905	Oximeter, Pulse	VV	1	Pulse oximeter for continuous surveillance of patient pulse and oxygen saturation rates. Instrument features LED display, audio and visual alarms, automatic calibration and battery operation in case of power failure. Other applications include sleep studies, exercise testing and monitoring certain patients in the home (e.g. infants or patients requiring respiratory therapy).	1
				X3930	Illuminator, Film, Single, Wall Mounted	VV	1	Single film illuminator approximately 20"H x 17"W x 5"D. This is a single panel wall mounted unit. Characteristics and components include: two 15 watt fluorescent tubes; gravity grip film holder; constructed of corrosion resistant galvanized steel with stainless steel trim, and a clean uncluttered appearance. This unit is used to view X-ray film in hospitals and doctors offices.	1
Eye Clinic	TREY1	1	Exam / Treatment Room	M5730, M5600, M5530, M5545, M5520, M5535	Stand, ophthalmic instrument	VV	1	Stand, ophthalmic instrument stand with swinging and pivoting arms continuing. <ul style="list-style-type: none"> • Phoropter • Slit lamp • Keratometer • Lamp-top of ophthalmic column 	1
				M5016	Desk, refraction	VV	1	Desk, refraction, with retractable lens drawer and controls and dimmer controls, power wells contains ophthalmoscope, retinoscope and transilluminator. Desk is pre-manufactured.	1
				M5560	Chart, projector	VV	1	Chart, projector - top of the desk	1
					Sink, module	VV	1	Sink, module Note: May be included in M5016.	1
				A5075	Dispenser, soap	VV	1	Dispenser, soap, liquid, wall mounted	1
				A5106	Glove dispenser, wall mounted	VV	1	Glove dispenser, wall mounted	1

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M5710	Mirror, set-2	AR	VV	Mirror, set - 2, reflecting, adjustable (special optometrist)	#/VALUE
				M5720	Screen, reflecting	AR	VV	Screen, reflecting, adjustable (special optometrist)	#/VALUE
				M1801	PC, computer system	1	VV	PC, computer system, with keyboard	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
AC: Exam / Treatment Modules (ETM)	TRGM1	2	Multipurpose Procedure Room				VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	2
				A1132	Rail, Accessory Mounting, Length As Required	1	VV		
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	2
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	2
				E0915	Locker, Supply, Medication, Wall Mtd, 23"W x 20"D	1	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Locker Drawer w/Locked Lid, 6"H (152mm) 5 Drawers, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Tray/Shelves Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	2
				E0954	Cart, Emergency, Mobile, 66"H x 52"W x 22"D	1	VV	THIS TYPICAL INCLUDES: 1 Cart body, style-A narrow, w/raised edge top and breakaway lock bar w/tabs 2 Accessory rails, side 1 Accessory rail, back 1 Defibrillator tray; 1 IV pole 1 Flip-up shelf 1 Wastebasket and holder 1 Oxygen tank holder 1 Cardiac board and hanger 1 Electrical box-4 outlet 1 Cord wrap 4 Drawer, 3"H (76mm) 3 Drawer, 6"H (152mm) Drawer organizer bins.	2
				E1500	Rail, MOD, W/MNTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	2
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	1	W	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to connect to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	2
				M0765	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	2

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M0765	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and a oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	2
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
				M4100	Sphygmomanometer, Aneroid, Wall Mounted	1	VV	Aneroid sphygmomanometer. Unit is wall mounted and has large graphic dial display for easy reading from all angles. It has a 90 degree (angle) swivel and 10 degree (angle) forward tilt to reduce glare. Unit accuracy is within 1% of reading. Sturdy impact-resistant construction.	2
				M4116	Monitor, Vital Signs	1	VV	Electronic sphygmomanometer. LCD displays non-invasive blood pressure, pulse rate and temperature. Used in hospitals and clinics. Includes an optional mobile stand.	2
				M4200	Otoscope/Ophthalmoscope, Wall Mounted	1	VV	Wall mounted otoscope and ophthalmoscope. Includes 6 foot line cord and plug and accepts and includes two handles. Contains head turn-on/turn-off, built-in speculum tray and 8 foot coiled cords. Unit is designed for use in patient exam rooms.	2
				M4266	Pump, Volumetric, Infusion, Multiple Line	1	VV	Volumetric infusion pump. Pump is self-regulating with automatic sensor and adjustable rate. Equipped with visual and audible alarms and up to 10 hour capacity battery. For the administration of a wide variety of therapeutic agents where precise control is required. Unit provides individual control to IV lines simultaneously.	2
				M4655	Stretcher, Mobile, CRS, 9 Position	1	VV	Mobile stretcher. All corrosion resistant stainless steel construction. It consists of a tubular frame with side rails, a 9-position hydraulic base with pneumatic Fowler adjustment, and a 2" pad. Unit is mounted on 8" conductive casters. Designed for patient transport as well as for minor surgical procedures.	2
				M7660	Defibrillator/Monitor/Recorder, Portable	1	VV	Portable defibrillator-monitor-recorder. Integral unit system operable from self-contained rechargeable batteries. ECG may be viewed through paddles or patient cable. Options include external pacing and 12-Lead.	2
				M7710	Electrocardiograph, 12 Lead, Portable	1	VV	Used to detect the electrical signals associated with cardiac activity, diagnose cardiac abnormalities, determine a patient's response to drug therapy and reveal trends or changes in heart function. Capable of recording two or more leads simultaneously, recording an entire 12 lead ECG in about 10 seconds. Includes of a 3.5 inch, high density, floppy disk drive for test storage. Portable.	2
				M7905	Oximeter, Pulse	1	VV	Pulse oximeter for continuous surveillance of patient pulse and oxygen saturation rates. Instrument features LED display, audio and visual alarms, automatic calibration and battery operation in case of power failure. Other applications include sleep studies, exercise testing and monitoring certain patients in the home (e.g. infants or patients requiring respiratory therapy).	2
				M8810	Stand, Mayo	1	VV	Adjustable instrument table. Table is corrosion resistant stainless steel construction and is mounted on two casters with two skid rails. It has telescopic upright adjust from 39 inches to 60 inches with automatic locking device, and removable 13" X 19" instrument tray. Designed for use in operating and procedure rooms.	2
				X3930	Illuminator, Film, Single, Wall Mounted	1	VV	Single film illuminator approximately 20"H x 17"W x 5"D. This is a single panel wall mounted unit. Characteristics and components include: two 15 watt fluorescent tubes; gravity grip film holder; constructed of corrosion resistant galvanized steel with stainless steel trim, and a clean uncluttered appearance. This unit is used to view X-ray film in hospitals and doctors offices.	2
AC: Dermatology (Derm) Surgery-Minor Surgery	TRGS1 TRGS1	1 2	Dermatology Procedure / Treatment Room Minor Procedure / Operating Room (OR)						
				A1132	Rail, Accessory Mounting, Length As Required	1	VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	3

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	3
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	3
				E0915	Locker, Supply, Medication, Wall Mtd, 23"W x 20"D	1	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Locker Drawer w/Locked Lid, 6"H (152mm) 5 Drawers, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Tray/Shelves Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	3
				E0954	Cart, Emergency, Mobile, 66"H x 52"W x 22"D	1	VV	THIS TYPICAL INCLUDES: 1 Cart body, style-A narrow, w/raised edge top and breakaway lock bar w/tabs 2 Accessory rails, side 1 Accessory rail, back 1 Defibrillator tray; 1 IV pole 1 Flip-up shelf 1 Wastebasket and holder 1 Oxygen tank holder 1 Cardiac board and hanger 1 Electrical box-4 outlet 1 Cord wrap 4 Drawer, 3"H (76mm) 3 Drawer, 6"H (152mm) Drawer organizer bins.	3
				E1500	Rail, MOD, W/MNTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	3
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	3
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	1	VV	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	3
				M0755	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	3
				M0765	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and a oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	3
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	3

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M1802	Work Station, Computer, Retractable, Wall Mounted	1	VV	A wall mounted retractable work station. Work station is used as a computer station in treatment rooms, exam rooms and areas where physical space is limited.	3
				M3185	Electrosurgical Unit, Monopolar, Wall Mounted	1	VV	Wall mounted monopolar electrosurgical unit. It has a wall mounted hyfrecator. Unit features solid-state transistorized circuitry, dual power output, output dial with timer control, bipolar forceps, and isolated bipolar output. Unit has a monopolar mode where the current passes through an active cable and active electrode to the patient and back to the generator through a return electrode. It can be table mounted and is designed for routine applications in dermatology, gynecology, proctology, dentistry, podiatry and other clinical areas. Wall mounting bracket not included in system size.	3
				M4116	Monitor, Vital Signs	1	VV	Electronic sphygmomanometer. LCD displays non-invasive blood pressure, pulse rate and temperature. Used in hospitals and clinics. Includes an optional mobile stand.	3
				M4200	Otoscope/Ophthalmoscope, Wall Mounted	1	VV	Wall mounted otoscope and ophthalmoscope. Includes 6 foot line cord and plug and accepts and includes two handles. Contains head turn-on/turn-off, built-in speculum tray and 8 foot coiled cords. Unit is designed for use in patient exam rooms.	3
				M4825	Cryosurgical Unit, Mobile	1	VV	Mobile cryosurgical unit. Cabinet mounted control unit, equipped with gas cylinder storage, foot switch, temperature gauge and timer. Includes an integral pressure regulator, and choice of two gases. Cylinder size: 20 pound capacity. Unit includes 2 lips.	3
				M7420	Light, Exam, Mobile	1	VV	Mobile examination light mounted on a floor stand with casters. Unit features colored corrected light, an air-cooled shade and a balanced floating arm. Unit may also have a center mount detachable and sterilizable control handle. Designed for examination, treatment, and emergency areas where cool, color-corrected light is needed.	3
				M9060	Table, Minor Surgery, Pedestal, 4 Section, Mobile	1	VV	A 4-section, mobile, pedestal mounted minor surgery exam table. Pedestal is mounted on a base with locking casters. Table is made from all stainless steel construction with chromium plated surfaces. Table has a foot control pedal for Trendelenburg and reverse Trendelenburg positions. Table padding is removable for cleaning. Table top consists of four hinged sections. Designed for minor operating rooms or outpatient surgery centers.	3
AC: Gastroenterology (GI)	TRPE1	1	Screening Proctoscopy / Sigmoidoscopy Room	A1132	Rail, Accessory Mounting, Length As Required	1	VV	Horizontal mounting rail will consist of lock mounting devices capable of supporting up to 75 pounds each, being repositioned, and mounting and dismounting of equipment without the use of tools. The rail must be capable of supporting medical equipment and accessories normally found in exam or patient rooms. The rail system must be capable of mounting and dismounting equipment without leaving or creating new holes in the finished surface of the wall.	1
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				E0912	Locker, Supply, Med Surg, Wall Mt'd	1	VV	Medical/Surgical Supply locker. Wall Mounted. Approx 23"W x20"D. THIS TYPICAL INCLUDES: 1 Locked Storage Container 4 Tray/Shelves 5 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) 2 Tray/Shell Dividers Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	1
				E1500	Rail, MOD, W/MNTD, HX144XD	1	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	1
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	1

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M0750	Flowmeter, Air, Connect w/50 PSI Supply	1	VV	Air flowmeter. Unit has a stainless steel needle valve with clear flowtube for connection to 50 PSI air outlet from central pipeline system. Requires the appropriate adapter for connection to the wall outlet and fitting to connect to tubing. Database prices reflect fittings with an attached DISS power outlet. Other outlet and adapter configurations are available.	1
				M0765	Flowmeter, Oxygen, Low Flow	1	VV	Oxygen flowmeter. Consists of a clear crystal flowtube calibrated to 3.5 or 8 LPM depending on manufacturer. For oxygen regulation in hospital settings. Database pricing includes DISS fitting and DISS power outlet and wall adapter. Other fitting and adapter configurations are available.	1
				M0765	Regulator, Vacuum	1	VV	An air/oxygen mixer is designed to accurately control a pressurized gas mixing with an oxygen concentration. Unit contains audible alarms to warn of supply failure, an auxiliary outlet and a oxygen concentration control adjustment range from 21% to 100%. The unit can also be used to supply an accurate pre-mixed gas source to respiration or ventilator units. A specific application may require an additional air inlet filter/water trap.	1
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	1
				M1802	Work Station, Computer, Retractable, Wall Mounted	1	VV	A wall mounted retractable work station. Work station is used as a computer station in treatment rooms, exam rooms and areas where physical space is limited.	1
				M4116	Monitor, Vital Signs	1	VV	Electronic sphygmomanometer. LCD displays non-invasive blood pressure, pulse rate and temperature. Used in hospitals and clinics. Includes an optional mobile stand.	1
				M4266	Pump, Volumetric, Infusion, Multiple Line	1	VV	Volumetric infusion pump. Pump is self-regulating with automatic sensor and adjustable rate. Equipped with visual and audible alarms and up to 10 hour capacity battery. For the administration of a wide variety of therapeutic agents where precise control is required. Unit provides individual control to IV lines simultaneously.	1
				M7420	Light, Exam, Mobile	1	VV	Mobile examination light mounted on a floor stand with casters. Unit features colored corrected light, an air-cooled shade and a balanced floating arm. Unit may also have a center mount detachable and sterilizable control handle. Designed for examination, treatment, and emergency areas where cool, color-corrected light is needed.	1
				M7905	Oximeter, Pulse	1	VV	Pulse oximeter for continuous surveillance of patient pulse and oxygen saturation rates. Instrument features LED display, audio and visual alarms, automatic calibration and battery operation in case of power failure. Other applications include sleep studies, exercise testing and monitoring certain patients in the home (e.g. infants or patients requiring respiratory therapy).	1
				M8605	Endoscopy Cart, Fiberoptic, Basic	1	VV	Endoscopic procedure cart. System contains a cart, light source, heat probe unit, electrosurgical unit, insufflator and a suction pump. This cart does not contain an endoscope or video equipment and does not support video endoscopes. Refer to USNs M8500-M8550 for endoscopes and USNs M8606-M8607 for fiberoptic endoscope video carts. Each cart can support one or more types of endoscopes and should be specifically tailored to its intended use. Database pricing and physical information are for a higher cost system which contains one of each of the above components.	1
				M8900	Carriage, Pail, CRS, Without Pail	1	VV	Utility pail (kick bucket). Shall be a stainless steel 12 quart bucket for use in surgical operating rooms.	1
				M9065	Table, Examination, Proctology, Electro/Hydraulic	1	VV	Electro-hydraulic proctology examination table. Unit consists of a stainless steel base with an Electro-hydraulic system and foot controls. It includes a vacuum formed vinyl contoured top, a padded arm rest, an adjustable knee rest, a stainless steel drainage pan and a built-in paper roll retainer/cutter. The table is designed for proctology, urology and OB/GYN exams.	1
					Special Procedures / Bronchoscopy Room	1			
Pulmonary Medicine (PM)	TRPE2	1		E0954	Cart, emergency	1	VV	Cart, emergency, "crash cart" approx. 36" x 21" (900 mm x 525 mm)	1
				M1801/M18	Desk top PC	1	VV	Desk top PC, CRT, and printer	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1

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Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M8125	Computer assisted recumbent bicycle aerobic trainer	1	VV	Computer assisted recumbent bicycle aerobic trainer	1
				M7710	Machine, twelve	1	VV	Machine, twelve (12) leads "ECG"	1
				M0730	Metabolic cart	1	VV	Metabolic cart	1
				F3200	Clock, atomic	1	VV	Electro-hydraulic proctology examination table. Unit consists of a stainless steel base with an Electro-hydraulic system and foot controls. It includes a vacuum formed vinyl contoured top, a padded arm rest, an Clock, atomic, battery operated	1
				M4116	Electronic sphygmomanometer (portable)	1	VV	Electronic sphygmomanometer (portable)	1
AC: Exam / Treatment Modules (ETM) Endoscopy Radiology Surgery-Ambulatory Surgery Surgery-Ambulatory Surgery Surgery-Minor Surgery	UCCL1 UCCL1 UCCL1 UCCL1 UCCL1 UCCL1	5 1 1 1 1 1	Clean Utility Room Utility Room, Clean Utility Room, Clean OR: Storage, Clean and Sterile Supplies Postanesthesia Recovery (PAR): Utility Room, Clean Storage, Clean And Sterile Supplies	E0903	Locker, Supply, w/Shelves, Wall Mtd, 23"W x 20"D	3	VV	THIS TYPICAL INCLUDES: 1 Supply Locker 1 Drawer, 9"H (229mm) 4 Tray/Shelves Drawer Organizers Consider the need for an E0921 to transport the locker from place to place.	30
				E0906	Locker, Supply, General, Wall Mtd, 23"W x 20"D	2	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Drawer, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Drawers, 9"H (229mm) 1 Tray/Shelf Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	20
				E0912	Locker, Supply, Med Surg, Wall Mtd	2	VV	Medical/Surgical Supply locker, Wall Mounted, Approx 23"W x20"D. THIS TYPICAL INCLUDES: 1 Locked Storage Container 4 Tray/Shelves 5 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) 2 Tray/Shelf Dividers Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	20
				E1500	Rail, MOD, W/MINTD, HX144XD	2	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	20
AC: Exam / Treatment Modules (ETM) Endoscopy Radiology Surgery-Ambulatory Surgery Surgery-Ambulatory Surgery Surgery-Minor Surgery	USCL1 USCL1 USCL1 USCL1 USCL1	5 1 1 1 1	Soiled Utility Room Utility Room, Soiled Utility Room, Soiled OR: Soiled Holding / Disposal Room Postanesthesia Recovery (PAR): Utility Room, Soiled Soiled Holding / Disposal Room						

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				E0903	Locker, Supply, w/Shelves, Wall Mtd, 23"W x 20"D	3	VV	THIS TYPICAL INCLUDES: 1 Supply Locker 1 Drawer, 9"H (229mm) 4 Tray/Shelves Drawer Organizers Consider the need for an E0921 to transport the locker from place to place.	30
				E0906	Locker, Supply, General, Wall Mtd, 23"W x 20"D	2	VV	THIS TYPICAL INCLUDES: 1 Locked Storage Container 2 Tray/Shelves 1 Drawer, 3"H (76mm) 3 Drawers, 6"H (152mm) 2 Drawers, 9"H (229mm) 1 Tray/Shelf Divider Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	20
				E0912	Locker, Supply, Med Surg, Wall Mtd	2	VV	Medical/Surgical Supply locker, Wall Mounted, Approx 23"W x20"D. THIS TYPICAL INCLUDES: 1 Locked Storage Container 4 Tray/Shelves 5 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) 2 Tray/Shelf Dividers Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	20
				E1500	Rail, MOD, W/MINTD, HX144XD	2	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	20
Endoscopy	USCL2	1	Scopes Clean-up, Sterilization and Storage Room	A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	1
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
				E0912	Locker, Supply, Med Surg, Wall Mtd	3	VV	Medical/Surgical Supply locker, Wall Mounted, Approx 23"W x20"D. THIS TYPICAL INCLUDES: 1 Locked Storage Container 4 Tray/Shelves 5 Drawers, 3"H (76mm) 2 Drawers, 6"H (152mm) 2 Tray/Shelf Dividers Drawer Organizer Bins Consider the need for an E0921 to transport the locker from place to place.	3
				E1500	Rail, MOD, W/MINTD, HX144XD	2	VV	Wall mounted rail used for hanging (mounting) lockers, shelves drawers on a wall.	2
EMS	UTC01	1	Recyclable Waste	A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	1
PMR: Physical Therapy (PT)	UTLC1	1	Utility Room, Clean		Insert items required for project here.				0
AC: HAS File Unit (FU)	WRC01	1	FU Waiting Area						0

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or JSN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
AC: Exam / Treatment Modules (ETM)	WRC01	1	ETM Waiting Area						
AUD: Audiology and Speech Pathology	WRC01	1	Waiting Area						
Dental	WRC01	1	Waiting Area						
Endoscopy	WRC01	1	Waiting Area						
Eye Clinic	WRC01	1	Waiting Area (Dilation)						
Lobby	WRC01	1	Waiting Area						
Mental Health: Methadone Maintenance	WRC01	1	Waiting Area						
PLM: Laboratories	WRC01	1	Waiting Area, Patient						
Pharmacy: Non-Secure Areas	WRC01	1	Waiting Area						
PMR:	WRC01	1	Waiting Area						
Radiology	WRC01	1	Waiting Area						
				A6046	Artwork, Decorative, With Frame	AR	VV	This JSN is to be used for determining and defining location of decorative artwork.	#VALUE!
				F2300	Rack, Magazine, Wall Mounted	1	VV	Wall mounted magazine rack with nine (9) magazine holding compartments.	12
				F2420	Lamp, Table, With Shade	1	VV	Table lamp, 27-34" high X 6" wide X 6" deep with linen shade. Convenience outlet required at point of use.	12
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	12
				M0510	TV/VCR Combination	1	VV	TV/VCR Combination with Remote Control. The unit shall have the following minimum features: Front end audio/video/earphone inputs jacks, on screen menu display, 181 channel tuning capability and video tracking adjustment capability.	12
AC: HAS File Unit (FU)	WRCH1	1	Workroom						
AUD: Speech Pathology (SP)	WRCH1	1	Computer Assisted Training (CAT) Workroom						
Voluntary Service	WRCH1	1	Volunteer Multipurpose Room						
				E0051	Workstation, Corner Work Surface, Wall Mtd. 72x48	1	W	THIS TYPICAL INCLUDES: 4 VERTICAL HANGING STRIPS 2 LOCKABLE FLIPPER UNITS 2 SHELF, STORAGE/DISPLAY 2 LIGHT 1 TACKBOARD 2 TOOL RAIL 2 PAPER TRAY 1 DIAGONAL TRAY 1 CANTILEVERED WORK SURFACE 1 ADJUSTABLE KEYBOARD TRAY 1 MOBILE PEDESTAL, BOX/FILE 1 CPU HOLDER	3
				F3200	Clock, Battery, 12" Diameter	1	W	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	3
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	W	Desktop microprocessing computer. The unit shall consist of a central processing unit tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor, 512 MB memory, 80GB hard drive, 32MBx CD-ROM/DVD combo, a 3.5" floppy drive, 1.44MB network interface card, video 32 MB NVIDIA, a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	3
				M1825	Printer, Computer	1	W	High resolution computer printer with a variety of type styles and sheet/envelope feeder trays. Database information reflects network ready, medium duty office style laser printers. Other types of printers (bubble jet, dot matrix, line or plotter) as well as light or heavy use capabilities are available.	3
Surgery-Ambulatory Surgery	WRF01	1	Waiting, Patient / Family						

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or UNS Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
Surgery-Minor Surgery	WRF01	1	Waiting, Patient and Family		Insert items required for project here.				0
Radiology	XCTC1	1	Computed Tomography	Control Room	Air conditioning unit Computer cabinet, auxiliary Computer cabinet, main Power cabinet Power line protector Transformer, high voltage Unit, power distribution	AR AR AR 1 1 1 1	VV VV VV VV VV VV VV	Air conditioning unit Computer cabinet, auxiliary Computer cabinet, main Power cabinet Power line protector Transformer, high voltage Unit, power distribution	#/VALUE! #/VALUE! #/VALUE! 1 1 1 1
Radiology	XCTS1	1	Computed Tomography	Computer / Power Equipment Room	Computer / Power Equipment Room	1	VV	Radiographic unit, computerized tomography (CT) including gantry and mounting frame, table, patient and mounting frame	2
Radiology	XCTS1	1	Computed Tomography	Scanning Room	Radiographic unit, computerized tomography	1	VV	Clock, atomic, battery operated	2
					Clock, atomic	1	VV	Dispenser, soap, liquid, wall mounted	2
					Dispenser, soap	1	VV	Rack, glove/apron, wall mounted	2
					Rack, glove/apron	1	VV	Glove dispenser, wall mounted	2
					Glove dispenser	1	VV	Sharps container, wall mounted	2
					Sharps container	1	VV	Dispenser, soap, wall mounted with foot control (FG-18-1, MCS 10 28 00)	1
					Dispenser, soap	1	VV	Automated CR chest unit consists of the following components as required: Bucky, tilt, wall mounted Cabinet, rack Calculator, heat anode Console, control Module, power Rails, tube, ceiling mounted Stand, tube, ceiling mounted Starter, tube, high speed Transformer, high tension, x-ray Unit, chest, less tube stand Unit, forced extinction Unit, CR plate rotator Automated CR reader	1
					Automated CR chest unit	1	VV		
					X5100				
					F3200	1	VV	Clock, atomic, battery operated	1
					X3150	1	VV	Rack, glove/apron, wall mounted	1
					A5106	1	VV	Sharps container, wall mounted	1
					A5106	1	VV	Glove dispenser, wall mounted	1
					X3930	1	VV	Illuminator, x-ray, 120 volt, wall mounted, approx. 20" x 31" (500 mm x 775 mm), 2 in 1	1
Surgery-Ambulatory Surgery	XDCY1	1	Cystoscopy	External Radiographic Control Room	Insert items required for project here.				0
Radiology	XDM01	1	Mammography Room						

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or UNS Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				X5430	Unit, mammography with chair	1	VV	Unit, mammography with chair	1
				F3200	Clock, atomic	1	VV	Clock, atomic, battery operated	1
				M1801	PC, computer system	1	VV	PC, computer system, with keyboard	1
				A5075	Dispenser, soap	1	VV	Dispenser, soap, liquid, wall mounted	1
				X3930	Illuminator, x ray	1	VV	Illuminator, x ray, 120 volt, wall mounted, approx. 20" x 31" (500 mm x 775 mm), 2 in 1	1
				A5106	Sharps container	1	VV	Sharps container, wall mounted	1
				A5106	Glove dispenser	1	VV	Glove dispenser, wall mounted	1
Radiology	XDR01	1	General Purpose Radiology Room						
				A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.	0
				A5106	Waste Disposal Unit, Sharps w/Glove Dispenser	1	VV	The unit is designed for the disposal of sharps and complies with OSHA guidelines for the handling of sharps. It shall house a 5 quart container and be capable of being mounted on a wall. It shall have a glove dispenser attached. The unit shall be secured by a locked enclosure.	0
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	0
				F3200	Clock, Battery, 12" Diameter	1	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	0
				X1405	Stand, Bucky, Vertical, Tilt, Automatic	1	VV	Vertical and tilting bucky stand. This unit is mounted to the floor and wall to provide a vibration-free mounting platform for the universal bucky. The grid line free radiographs are produced at exposure times as short as two milliseconds. Characteristics and components include aluminum interspace grid with a 36 inch (914 mm) to 40 inch (1016 mm) focal range. The units cassette size sensing tray accommodates all cassette sizes between 5 and 17 inches. The unit tilts at angles of +90/-20 degrees from the vertical position. The unit is used in X-ray facilities for processing radiography images.	0
				X5900 (non-tilt Table	Radiographic Unit, 80 kW, Non-tilt Table	1	VV	This system is specifically designed to perform radiographic examinations in the Radiology Department. This units characteristics and components include, 80kW micro-processor controlled X-ray generator, a non-tilting table with a floating table top and an adjustable bucky, a ceiling suspended 0.6/1.2 mm tube unit and vertical bucky stand.	0
Radiology	XDRF1	1	Radiographic / Fluoroscopic (R/F) Room						
					Dispenser, soap	1	VV	Dispenser, soap, wall mounted with foot control (FG-18-1, MCS 10 28 00)	1
					Bracket, vacuum bottle	1	VV	Bracket, vacuum bottle, slide (FG-18-1, MCS 22 62 00) Note: Outlets to be on the wall, near headend of x-ray table, 60" (1520 mm) above the floor.	1
				X6185	Radiofluoro unit	1	VV	Radiofluoro unit-- including the following components as required: Bucky, tilt, wall mounted Console, control, x-ray, for radiographic unit Rails, ceiling for tube carriage, universal mount Recorder, TV tape Starter, tube, high speed Suspension system LCD monitor Table, 90 degree-- 15 degree (Irendenburg R&F, with spot film device (two-way or four-way table top and size of spot film device to be determined on project basis) Table, tilt, 90 degree -- 900 degree R&F, with spot film device (two-way or four-way table top and size of spot film device to be determined on project basis) Transformer, high tension, x-ray Tube carriage, ceiling mounted	1
				F3200	Clock, atomic	1	VV	Note: Optional components to be determined by Veterans Health Administration. Clock, atomic, battery operated	0
									1

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Acquisition/ Installation	Item Description	Total Qty
Radiology	XDUS1	1	Ultrasound Room		Dispenser, soap	VV	Dispenser, soap, wall mounted with foot control (FG-18-1, MCS 10 28 00) Note: Outlets to be on the wall, near headend of x-ray table, 60" (1520 mm) above the floor.	1
				M1801	PC, computer system	VV	PC, computer system, with keyboard	1
				X3930	Illuminator, x ray	VV	Illuminator, x ray, 120 volt, wall mounted, approx. 20" x 59" (500 mm x 1475 mm), 4 in 1	1
				X2100	Scanner, ultrasonic	AR	Scanner, ultrasonic, mobile	#VALUE!
				F3200	Clock, atomic	VV	Clock, atomic, battery operated	1
				A5106	Glove dispenser, wall mounted	VV	Glove dispenser, wall mounted	1
				A5106	Sharps container, wall mounted	VV	Sharps container, wall mounted	1
Endoscopy Radiology	XVC01 XVC01	1 1	Dictation / Viewing Room Common Viewing Room	F0690	Workstation, Computer, Enclosed, With Lock	VV	Computer operator workstation, approximately 58" high X 36" wide X 25" deep. A fully enclosed workstation for a computer, monitor, printer and supplies. Cabinet has two lockable doors.	2
				F3200	Clock, Battery, 12" Diameter	VV	Clock, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall mounted unit for use when impractical to install a fully synchronized clock system. Battery operated, (batteries not included).	2
				M0385	Projector, Multimedia/Data	VV	The projector shall provide computer and video projections. Minimum features included: Brightness of not less than 600 ANSI (American National Standards Institute) Lumens, and a minimum resolution format of 800 X 600 pixels (SVGA). The projector shall be portable and weigh no more than 10 pounds. It shall include a zoom lens and computer and video input ports.	2
				M0507	Video Teleconferencing System	VV	Shall be a video conferencing unit consisting of a camera, microphone, video/audio compression components, a component cart and a 32 inch monitor. It shall provide live audio-visual conferencing capabilities to dispersed geographic sites.	2
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32x48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
				X4122	Console, PACS, Remote View, 2k X 2k, 2 Monitors	CF	Two monitor remote viewing station for picture and retrieval (DINPACS) system. This station is for use by providers inside or outside radiology to review images. Station includes local image storage, image manipulation and simultaneous display of multiple images on a two 2066 X 2066 image display CRT's. Images are stored on a resident memory and roll off to long term storage as more recent images are sent to the station. Provider may request images from the PACS by LAN for image and result receipt. Console must be DICOM compliant. Input may be by keyboard, mouse, trackball or voice activated commands.	2
Pharmacy: Secure Areas Pharmacy: Secure Areas Surgery-Ambulatory Surgery Surgery	XXYYC XXYYC XXYYC XXYYC	1 1	Oncology: Preparation Area Anteroom Oncology: Clean Corridor OR: Dedicated Electrical Room (if provided at Clean Core) Corridors, Semi-Restricted (Peripheral)	E0048	Workcenter, Computer, Free Standing, 72" W	VV	THIS TYPICAL INCLUDES: 2 PAPER TRAY 1 DIAGONAL TRAY 1 TOOL RAIL 1 FREESTANDING WORK SURFACE 24D X 72W 1 MOBILE PEDESTAL BOX/FILE 1 ADJUSTABLE KEYBOARD TRAY	2

VA FURNISHED EQUIPMENT GUIDE LIST (Excludes Schedule B Items)

Department / Functional Area	Room Code	Qty of Rooms	Function	Equipment Symbol or USN Code	Item Name	Qty per Room	Acquisition/ Installation	Item Description	Total Qty
				M1801	Computer, Microprocessing, w/Flat Panel Monitor	1	VV	Desk top microprocessing computer. The unit shall consist of a central processing mini tower, flat panel monitor, keyboard, mouse and speakers. The system shall have the following minimum characteristics: a 2.8 GHz Pentium processor; 512 MB memory; 80GB hard drive; 32/48x CD-ROM/DVD combo; a 3.5" floppy drive; 1.44MB network interface card; video 32 MB NVIDIA; a 15 inch flat panel color monitor. The computer is used throughout the facility to input, manipulate and retrieve information.	2
				M1840	Printer/Copier/Fax Combination	1	VV	Multifunctional printer, fax, scanner and copier (PFC) all-in-one machine.	2

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