

SCOPE OF WORK (SOW)
as of 2 / 10 / 14

Design / Build Services for Parking Deck Security Barriers
Project #508-14-107

Contract Title. Design / Build Services for Parking Deck Security Barriers, Project #508-14-107

Background

The Atlanta Veterans Administration Medical Center (VA) has determined that the elevated parking decks are a potential location where persons with suicidal ideation could attempt to jump. Enclosing these upper levels of parking decks will create a barrier to mitigate this risk. The top deck levels and all levels above lowest level of parking decks E, F, K and L shall be enclosed with perimeter barriers. These barriers shall be anti-climb type to mitigate risk of persons jumping from elevated parking decks. The VA has estimated that approximately 10,000 linear feet of barriers will need to be provided. .

Scope.

- A.) The Design / Build Contractor (D/B) shall field-investigate the existing conditions of the four (4) parking decks noted as required for all aspects of design, engineering, material furnishing and installation purposes.
- B.) The D/B shall investigate all existing construction documents and as-built drawings that the Veterans Administration (VA) may have as required for all aspects of design, engineering, material furnishing and installation purposes. At his expense, the D/B may make copies of all drawings and specifications. At the project completion, cancellation or notice from the VA, all copies shall be returned or destroyed.
- C.) The D/B shall design, engineer, furnish and install complete, anti-climb security barriers at all perimeter and interior ledges, walls and openings which are greater than one (1) story in height or 10'-0" above adjacent finish grade or floor surface. All components of the security barriers shall follow all requirements for State and Local building codes including 2012 International Building Code 2012 Life Safety Code, current ASCE guidelines and other applicable codes and guidelines.
- D.) The existing parking decks are open-air (non-enclosed) structures. Barriers shall be open-type, so as not to restrict passage of air through parking decks. The open air design of the parking decks shall be maintained – barrier design and installation, including the existing structural shall meet ‘open air’ requirements of the IBC 406.5, 406.5.1 and 406.5.2. The D/B shall provide area and perimeter calculations demonstrating the open air compliance is maintained with the installation of the new barriers.

- E.) At interstitial spaces between floors, barriers shall be designed and installed to fully cover all openings – minimally from the top of the opening at floor level to the bottom of the opening at the level above with a maximum gap of six inches (0'-6") between restrictive materials at any open area. Existing guard devices at all decks shall remain.
- F.) Barriers at the top level of parking decks shall protect all open areas from the top of the adjacent existing guard device to a minimum of eight feet (8'-0") above floor level. These barriers shall incorporate specific anti-climb features to include an inward sloping top portion, and shall have a maximum gap of six inches (0'-6") between restrictive materials at any open area. Existing guard devices at all decks shall remain.
- G.) Barriers shall be designed and engineered to be firmly affixed to structural concrete. Barrier components and attachment members and methods shall be designed by a Professional Engineer registered to practice in the state of Georgia. All design documents shall bear the professional seal and signature of the Engineer or Record.
- H.) Barriers shall be designed and manufactured for use in outdoor environment. D/B contractor shall furnish to the VA a lifecycle Cost / Benefit analysis of a minimum of four (4) barrier materials / finishes for consideration.
- I.) Other design / installation requirements - the D/B shall:
- 1) Include provisions for Life Safety, OSHA and Infection Control compliance in accordance with VA Standards.
 - 2) Include provisions for hazardous material remediation if applicable.
 - 3) Include Bid Alternates to reduce the overall project cost by 10% and 20%.
 - 4) Use current VA Program Guides, Design Manuals and Master Specifications in preparing the Construction Documents for the project and follow those requirements through construction and project completion.
 - 5) Phase and perform all work so as not to impede or restrict hospital operations. Access roads and parking decks may not be shut down at any time without prior approval from the VA. The D/B shall develop with the VA, a construction schedule that reflects this requirement, and may include night-time work. Parking at the Atlanta VA is at a premium, and the D/B shall phase and schedule all construction activities to preserve parking to the maximum extent possible.

6) Reference the following Specification Sections which are hereby attached to this document:

001121	Design Build RFP
010000	General Requirements
015719	Temporary Environmental Controls
017419	Construction Waste Management
01321615	Project Schedules

5. Specific Tasks.

1) Material Selection:

- a. D/B shall propose a minimum of four (4) material and finish options for VA consideration in barrier material selection. D/B shall furnish a minimum of two (2) 12"x12" samples of each item for consideration.
- b. D/B shall submit a lifecycle Cost / Benefit analysis for each proposed material and finish based a twenty (20) year lifespan to include normal maintenance cycle for each material / finish. D/B shall assume 10,000 linear feet of 4'-0" tall barrier fastened at 6'-0" intervals and utilize the latest version of R.S. Means for unit costs to include all facets of work including labor, materials, installation, equipment and projected maintenance over 20 years.
- c. Based on the Cost / Benefit analysis and other factors, the VA will select a barrier material, or a combination of materials.

2) Conceptual Design:

- a. Upon review and selection by the VA of the barrier material and finish, the D/B shall furnish Conceptual Design drawings sufficient to describe the design intent at each parking deck.
- b. D/B shall submit conceptual level plans indicating all locations where barriers will be installed.
- c. D/B shall submit an updated cost estimate based on the conceptual design and the quantity of barrier material based on actual square footage required.

3.) 30% Design Drawings:

- a. D/B shall submit design drawings to include a floor plan of each level of each parking deck to receive barriers, barrier locations, and elevation drawings of minimum two (2) sides of each parking deck. Plans and elevations shall accurately convey the design intent.

- b. D/B shall submit proposed attachment details for each deck and for each proposed barrier type, if more than one barrier type is selected / approve.
- c. D/B shall submit design specifications based on the CSI Master Format 2012 indicating which specification sections he intends to include in final construction documents.
- d. D/B shall submit an updated cost estimate to include proposed method and material for barrier attachment.

4.) **70% Design Drawings:**

- a. D/B shall submit design drawings to include each level of each parking deck to receive barriers accurately depicting location of barriers and location of barrier attachment.
- b. D/B shall submit each elevation of each parking deck accurately depicting design intent and location of all barriers. Elevations shall accurately reflect attachment method if visible.
- c. D/B shall submit design specifications for all aspects of the proposed construction.
- d. D/B shall submit engineered design calculations for barrier support and attachment.
- e. D/B shall submit an updated cost estimate. The cost estimate shall be quantitative, descriptive, detailed, and include all facets of work and costs required to complete construction.

5.) **100% Design Drawings:**

- a. D/B shall submit complete and fully referenced design drawings to include each level of each parking deck to receive barriers accurately depicting location of barriers and location of all barrier attachments. All previous VA comments must be incorporated and drawings shall be ready for use as final contract documents.
- b. D/B shall submit complete and fully referenced elevations of each side of each parking deck accurately depicting design intent and location of all barriers. Elevations shall accurately reflect attachment method if visible. All previous VA comments must be incorporated.
- c. D/B shall submit design specifications for all aspects of the proposed construction.
- d. D/B shall submit engineered design calculations for barrier support and attachment.
- e. All design drawings, calculations and specifications shall be sealed and signed by the Engineer of Record
- f. D/B shall submit proposed construction phasing and schedule. See Specification

Section 01321615 – Project Schedules for additional information / requirements.

- g. D/B shall submit an updated cost estimate. The cost estimate shall be quantitative, descriptive, detailed, and include all facets of work and costs required to complete construction based on take-offs of designed labor and materials. This will be the final cost estimate, and shall be labeled as such.
 - h. 100% Documents shall include two (2) deductive alternates to reduce the cost by 10% and 20%.
 - i. 100% Submittal shall include: Four (4) complete sets of contract drawings and bound specifications and four (4) sets of 1/2 sized prints and two (2) cd roms of complete contract drawings, estimates, calculations, and specifications in AutoCAD, PDF, and MS word format.
- 6.) It shall be the responsibility of the D/B to advise the Government promptly when, in the D/B's judgment: the budgetary limitations prohibit design in conformance with the approved construction project scope. If the D/B estimated cost of the project exceeds the amount indicated, sufficient options shall be recommended by the D/B at the time of the 30% Review to establish the cost within the amount indicated on the project description. Some of the agreed upon options may include additives in the final bid documents prepared by the D/B if the Contracting Officer and the D/B agree that it would be reasonable to do so.
- 7.) The construction documents submitted by the D/B shall represent the most economical engineering solution possible for the scope of work with D/B contract. The construction document shall be in accordance and comply with current criteria, guides, and specifications established by the Department of Veteran's Affairs and shall be in accordance with the best Engineering practices. In addition, The D/B's design shall comply with the latest OSHA, NFPA, TJC requirements and all federal, state, and local codes.
- 8.) The D/B is responsible for producing a complete set of drawings, design narrative/analysis, calculations, and edited VA specifications in accordance with professional standard practices. The D/B shall outline the phasing requirements of the project. The phasing requirements shall describe the general sequence of construction work, the estimated phase duration, and the Government constraints that will influence the construction contractor's execution and completion of work. The D/B shall be responsible for recording the phase requirements.
- 9.) Information, including drawings and other documentation, provided to the D/B shall be used as reference only. The D/B shall field verify everything and shall not use any drawings provided for plan or elevation views. The final drawings submitted by the D/B shall be of original design and shall be the result of field verifications, and shall not be take-offs, or tracings, of any drawings or other information provided.
- 10.) Construction scheduling, i.e., sequence of events and time of construction, shall be submitted for all projects. The D/B shall use the Microsoft Project software or equivalent for submitting construction schedule. For projects which involve interruptions of existing building operations or major utility interruptions, it shall be the D/B's, responsibility to discuss the required outages with the COTR/Contracting Officer, and establish a

construction schedule for these interruptions in the construction contract document. The D/B must also show the requirements of the anticipated phasing in the construction contract documents. Where these outages and interruptions adversely impact the project costs or time for completion, the D/B must notify the Contracting Officer immediately. A brief description of the restrictions and their basis may be required. The time estimate shall include allowances for mobilization, lead time for materials, phasing of work, time to perform work, and allowances for weather. Current Atlanta VAMC working hours are 8:00 AM – 4:30 PM Monday through Friday. Work may be scheduled for night time (6:00pm – 2:30am) if the VA determines it to be in the project’s best interest. See Specification Section 01321615 – Project Schedules for additional information / requirements.

- 11.) In an effort to reduce construction change orders due to design errors and omissions, the D/B shall develop, execute, and demonstrate that the project plans and specifications have gone through a rigorous review and coordination effort. D/B shall submit a detailed QA/QC plan describing each step that will be taken during the development of the various phases of design. Each should have an appropriate space where a senior member of the firm can initial and date when the action has been completed.
- 12.) The following investigative work shall also be included in the Scope of this Project:
 1. Provide any civil, structural, architectural, electrical, and mechanical investigative work of existing systems necessary to insure the accuracy of your design.
 2. Prepare any measured drawings of existing systems or facility required to insure the accuracy of your design.
 3. An Independent Government Estimate (IGE) shall be prepared at each submission phase of the project.
- 13.) Other Considerations:
 1. Complete review of all shop drawings or samples.
 2. Reproduction costs - The cost of reproducing drawings and specifications and delivery to the VA Contracting Officer. Provide these estimates.
- 14.) Total Estimated Project Magnitude: \$500,000.00 - \$1,000,000.00
- 15.) Design Period Duration: **168 Calendar Days**
(Including VA review time)
- 16.) Construction Period Duration: **180 Calendar Days**
- 17.) DESIGN WITHIN FUNDING LIMITATIONS:
 1. The D/B shall review FAR 52.236-22 “Design within Funding Limitations”. Design shall include at least two deductive alternates totaling 20% of construction cost.

6. Performance Monitoring

I. TIME SCHEDULE, REVIEW AND SUBMITTAL REQUIREMENTS:

The following specifies the documents, etc., required to be submitted by the D/B to the Resident Engineer/Contracting Officer for each scheduled review and the due dates for each submission. The VA shall have 14 days for each submittal stage for review and comment factored into the project schedule. Dates indicated must be strictly adhered to. A meeting with the D/B and the VA shall take place at each submittal for the purpose of review and comment. All meetings will take place at the Atlanta VA.

- A. Material Selection Submittal 21 days following issuance of Notice to Proceed (NTP). Submittal deliverables shall be as indicated above.
- B. Conceptual Design Submittal 21 days following receipt of VA review comments from Material Selection Submittal. Submittal deliverables as described above shall also include: four (4) complete sets of review materials are required. Two (2) sets shall be hard copy and two (2) sets shall be on cd rom.
- C. 30% Review Submittal_ 14 days following receipt of VA review comments from Conceptual Design Submittal. Submittal deliverables as described above shall also include: four (4) complete sets of 30% review materials. Two (2) sets shall be hard copy and two (2) sets shall be on CD ROM.
- D. 70% Review Submittal_ 21 days following receipt of VA review comments from 30% Submittal. Submittal deliverables as described above shall also include: four (4) complete sets of 30% review materials. Two (2) sets shall be hard copy and two (2) sets shall be on CD ROM.
- E. 100% Review Submittal: 14 days following receipt of VA review comments from 70% Review Submittal. Submittal deliverables as described above shall also include: four (4) complete sets of 100% review materials. Two (2) sets shall be hard copy and two (2) sets shall be on CD ROM.
- F. Final Submittal: DUE within 7 days after 100% review comments are received from the VA. After completion of all the 100% review comments and corrections, the final design documents shall be prepared and shall include:
 - 1. Submittal Letter: D/B shall provide a submittal letter stating that the changes and corrections noted on the previous reviews have all been evaluated and incorporated in the documents submitted for the final submission.
 - 2. Four (4) complete sets of contract drawings and bound specifications and four (4) sets of 1/2 sized prints and two (2) cd roms of complete contract drawings, estimates, calculations, and specifications in AutoCAD, PDF, and MS word format.
 - 3. Final cost estimate based on revisions made at 100% review.

4. A final set of design calculations (where appropriate).
5. Final construction schedule.

G. D/B Invoicing for Design Phase services: For invoicing purposes, the D/B shall allocate ten (10%) percent of the total project cost towards design phase services. The 10% allocated to design phase services shall be invoiced monthly according to the submittal schedule above, correlating to the completion percentage of each submittal (30%, 70% and 100%).

II. CONSTRUCTION PERIOD SERVICE REQUIREMENTS:

- A. Construction Commencement: A preconstruction conference shall be scheduled no more than seven (7) days following VA approval of the Final Submittal. Attendees shall include the D/B's proposed jobsite superintendent, a principal officer of the D/B and attendees from the VA as assigned by the VA. Construction work shall commence no more than seven (7) days following the preconstruction conference.
- B. Construction Period Duration: D/B shall complete all construction activities according to the VA approved construction schedule within the time period specified above. The D/B shall have a project superintendent on site at all times construction activities are taking place.
- C. Project Meetings: In addition to design / preconstruction meetings described above, the D/B shall conduct daily safety rounds with the COTR, and weekly project meetings with the VA. Project progress, schedule, safety concerns and other topics as needed shall be discussed. Additionally, the VA will prepare a punch list of items for D/B correction at the time of project completion. The D/B shall meet with the VA to review punch list items, and shall complete all items within ten (10) days of issuance of the punch list.
- D. D/B Invoicing for Construction Phase services: 80% of the total project cost shall be allocated to Construction Phase services. The D/B shall submit invoices monthly according to all VA standards and submission requirements.

III. PROJECT CLOSE OUT:

- A. "As-Built" Drawing Requirements: The D/B shall modify design drawings based on marked drawings by the D/B in field. "As-Built" drawings shall be maintained on-site and made available to the COR when requested. As-built Drawings shall include all addendums, bulletins, changes and deviations from the design drawings. All As-built drawings shall be reviewed after the final system check-out and updated or corrected to provide As-Built drawings to show exact installation. Three full size hard copies and a reproducible original of final as-built drawings, shop drawings and O&M manuals shall be provided to the COR upon final acceptance of the work. In addition to hard copies, three electronic copies of fully updated (as of the completion of commissioning) as-built (construction, layout & shop) drawings, shall be supplied in the most current AutoCAD program release and in both .dwg format with all layers and other information intact and in searchable PDF

formats (drawings and O&M manuals). The As-built drawing AutoCAD files and O&M manuals shall be supplied on a series of clearly labeled DVD. The system will not be considered complete until the “As-Built” drawings have received their final review by the COR and D/B.

- B. Warranty Period: The D/B shall respond to warranty claims as required by the Owner for a period of one (1) calendar year from the date of Substantial Completion.
 - C. D/B Invoicing for Close-out Phase services: 10% of the total project cost shall be allocated to Close-out Phase services. The D/B shall submit invoices according to all VA standards and submission requirements for the remaining 10% of total project costs when all specified deliverables have been completed and provided to the VA.
- IV. D/B shall also adhere to all submittal requirements as outlined in the VA Manual for “D/B Submission Instructions for Minor and NRM Construction Program,” which can also be found:

<http://www.cfm.va.gov/contract/aeDesSubReq.asp>

7. Security Requirements

1. The D/B shall follow all Government rules and regulations regarding information security to prevent disclosure of sensitive information to unauthorized individuals or organizations.
2. VA Handbook 6500.3 defines the procedures for Certification and Accreditation (C&A) of VA Information Systems. C&A is the process used to ensure information systems including major Applications (MA) and General Support Systems (GSS) have effective safeguards which have been implemented, planned for, and documented in a system security plan as commensurate with potential risks to the system’s information. Since this acquisition will not require services that involve connection of one or more D/B-owned IT devices (such as a laptop computer or remote connection from a D/B system) to a VA internal trusted (i.e. non-public) network, C&A requirements do not apply, and a Security Accreditation Package will not be required.
3. D/B staff and management may have access to some privileged and confidential materials of the United States Government such as budget and strategic plans. These printed and electronic documents are for internal use only, are not to be copied or released without permission, and remain the sole property of the United States Government. Some of these materials may be protected by the Privacy Act of 1974 (revised by PL 93-5791) and Title 18. Unauthorized disclosure of Privacy Act or Title 18 covered materials is a criminal offense.

4. The D/B employees will have to sign the Contractor Rules of Behavior (Appendix D) on an annual basis. The D/B will be required to complete the required security and privacy awareness training initially and then annually thereafter, if the contract has not been terminated or completed.
5. The D/B shall provide to the contracting officer and/or the COR a copy of the training certificates and certification of signing the Contractor Rules of Behavior for each applicable employee within 1 week of the initiation of the contract and annually thereafter, as required.
6. It is the responsibility of the D/B to immediately notify the COR and simultaneously, the designated ISO and Privacy Officer for the contract of any known or suspected security/privacy incidents.
7. A Risk Assessment meeting shall be conducted at the time of the Preconstruction Conference in accordance with VA standards. The D/B shall adhere to and follow all measures outlined and specified in the Risk Assessment. This project is classified as a Type IV-D per VA Risk Assessment Document 138-11.
8. **See Specification Section 010000 General Requirements for additional information / requirements.**

8. Government-Furnished Equipment (GFE)/Government-Furnished Information (GFI).

1. MATERIALS TO BE FURNISHED TO THE D/B BY THE VA: The following items shall be furnished to the D/B when requested:
 - A. Access to prints of the station utility drawings and building floor plans. The accuracy of these drawings is not guaranteed and shall be used only for general information. Actual conditions must be field verified by the D/B. All copies to be made and coordinated by the D/B.
 - B. This D/B package.

9. Other Pertinent Information or Special Considerations.

1. In addition to other criteria listed in this package and in the Specifications, D/B shall adhere to the following design criteria:
2. Only the index to Program Guide PG-18-1, MASTER CONSTRUCTION SPECIFICATIONS, is included in this package. Complete specs shall be obtained from the World Wide Web <http://www.cfm.va.gov/TIL/> as needed.

GENERAL

A. DESIGN AND CONSTRUCTION PROCEDURES

B NATIONAL CAD STANDARD DETAILS

- 1. Graphic
- 2. Architectural
- 3. Plumbing
- 4. H V A C
Steam
- 5. Electrical
- 6. Auto Transport
- 7. Site

C. EQUIPMENT REFERENCE MANUAL

- D. BARRIER FREE DESIGN GUIDE
- E. ROOM FINISHES, DOOR AND HARDWARE SCHEDULE
- F. EQUIPMENT GUIDE LIST
- G. SPACE PLANNING CRITERIA FOR MEDICAL FACILITIES
- H. SEISMIC DESIGN REQUIREMENTS
- I. UNIFORM FEDERAL ACCESSIBILITY
STANDARDS
- J. SIGNAGE (Environmental Graphics Design
Program)
- K. Program Guide, Environmental Compliance
Manual
- L. CADD Deliverables Guidelines
- M. VA Drawing Title Box
- N. D/B Quality Alerts
- O. Design Alerts
- P. Technical Summaries
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DESIGN MANUALS

ARCHITECTURAL

- A. ARCHITECTURAL DESIGN MANUAL FOR AMBULATORY CARE/OUTPATIENT CLINIC PROJECTS
- B. ARCHITECTURAL DESIGN MANUAL FOR HOSPITAL/ CLINICAL ADDITION PROJECTS
- C. ARCHITECTURAL DESIGN MANUAL FOR NURSING HOME CARE UNITS AND DOMICILIARY PROJECTS
- D. ARCHITECTURAL DESIGN MANUAL FOR NURSING HOME (DESIGN/BUILD) PROJECTS
- E. ARCHITECTURAL DESIGN MANUAL FOR REGIONAL OFFICE PROJECTS

ASBESTOS ABATEMENT

- ASBESTOS ABATEMENT DESIGN MANUAL
- AUTOMATIC TRANSPORT
 - A. TRANSPORT SYSTEMS DESIGN MANUAL FOR HOSPITAL PROJECTS
 - B. TRANSPORT SYSTEMS DESIGN MANUAL FOR PARKING STRUCTURE/REGIONAL OFFICE PROJECTS

CRITICAL PATH METHOD

- MANUAL FOR DEVELOPMENT OF CPM PHASING FOR HOSPITAL PROJECTS

ELECTRICAL

- A. ELECTRICAL DESIGN MANUAL FOR HOSPITAL PROJECTS
- B. ELECTRICAL DESIGN MANUAL FOR REGIONAL OFFICE PROJECTS

EQUIPMENT

- EQUIPMENT DESIGN MANUAL FOR HOSPITAL PROJECTS

ESTIMATING

- MANUAL FOR PREPARATION OF COST ESTIMATES FOR HOSPITAL PROJECTS

PROJECTS
FIRE PROTECTION

FIRE PROTECTION DESIGN MANUAL

HVAC

- A. HVAC DESIGN MANUAL FOR DOMICILIARY AND NURSING HOME PROJECTS
- B. HVAC DESIGN MANUAL FOR HOSPITAL PROJECTS (AMBULATORY CARE/CLINICAL ADDITION/ENERGY CENTER/OUTPATIENT CLINIC)
- C. HVAC DESIGN MANUAL FOR REGIONAL OFFICE PROJECTS
- D. HVAC DESIGN MANUAL VETERINARY MEDICAL UNIT PROJECTS
- E. SUPPLEMENT TO HVAC DESIGN MANUAL FOR VETERINARY MEDICAL UNIT PROJECTS

INCINERATION

- SOLID WASTE PROCESSING SYSTEMS DESIGN MANUAL

INTERIOR DESIGN

- A. INTERIOR DESIGN MANUAL FOR HOSPITAL PROJECTS (AMBULATORY CARE/CLINICAL ADDITION/OUTPATIENT CLINIC/DOMICILIARY/NURSING HOME)
- B. INTERIOR DESIGN MANUAL FOR REGIONAL OFFICE PROJECTS

PLUMBING

- A. PLUMBING DESIGN MANUAL FOR DOMICILIARY PROJECTS
- B. PLUMBING DESIGN MANUAL FOR HOSPITAL PROJECTS (AMBULATORY CARE/CLINICAL ADDITION/ENERGY CENTER/OUTPATIENT CLINIC)
- C. PLUMBING DESIGN MANUAL FOR LAUNDRY PROJECTS
- D. PLUMBING DESIGN MANUAL FOR NURSING HOME PROJECTS
- E. PLUMBING DESIGN MANUAL FOR PARKING STRUCTURE

**F. PLUMBING DESIGN MANUAL FOR REGIONAL OFFICE/
WAREHOUSE PROJECTS**

**G. PLUMBING DESIGN MANUAL FOR VETERINARY MEDICAL
UNIT PROJECTS**

SANITARY

SANITARY DESIGN MANUAL FOR HOSPITAL PROJECTS SITE

DEVELOPMENT

SITE DEVELOPMENT DESIGN MANUAL

SPECIFICATIONS

**A. MANUAL FOR PREPARATION AND ISSUANCE OF
CONSTRUCTION SOLICITATION AND CONTRACT
DOCUMENTS**

STEAM GENERATION/DISTRIBUTION

A. STEAM GENERATION SYSTEMS DESIGN MANUAL

**B. OUTSIDE STEAM DISTRIBUTION SYSTEMS
DESIGN MANUAL**

STRUCTURAL

**A. STRUCTURAL DESIGN MANUAL FOR ANCILLARY FACILITIES
PROJECTS (OUTPATIENT CLINIC/VETERINARY MEDICAL
UNIT/LAUNDRY/WAREHOUSE)**

**B. STRUCTURAL DESIGN MANUAL FOR ENERGY
CENTER PROJECTS**

**C. STRUCTURAL DESIGN MANUAL FOR HOSPITAL
PROJECTS (REPLACEMENT HOSPITAL/CLINICAL ADDITION/
DOMICILIARY/NURSING HOME CARE/PSYCHIATRIC
BUILDING/OUTPATIENT CLINIC**

**D. STRUCTURAL DESIGN MANUAL FOR NURSING
HOME (DESIGN-BUILD) PROJECTS**

**E. STRUCTURAL DESIGN MANUAL FOR PARKING
STRUCTURE PROJECTS**

F. STRUCTURAL DESIGN MANUAL FOR REGIONAL OFFICE

PROJECTS

DESIGN GUIDES

- A. AMBULATORY CARE (HOSPITAL BASED)
- B. AMBULATORY CARE INVASIVE PROCEDURE SUITE
- C. AMBULATORY SURGERY
- D COMMUNITY BASED OUTPATIENT CLINIC (CBOC)
- E. EYE CLINIC
- F. MAGNETIC RESONANCE IMAGING (MRI)
- G. NATIONAL CEMETERY ADMINISTRATION
- H. NUCLEAR MEDICINE
- I. OUTPATIENT PHARMACY
- J PHARMACY SERVICE
- K. PULMONARY MEDICINE
- L. RADIATION THERAPY
- M. RADIOLOGY SERVICE
- N. RESEARCH LABORATORY
- O. SATELLITE OUTPATIENT CLINIC (SOC) **(Hard Copy)**
- P. SPINAL CORD INJURY
- Q. SUPPLY PROCESSING & DISTRIBUTION (SPD)
- R. SURGICAL SERVICE **(Hard Copy)**
- S. TUBERCULOSIS (TB)
- T. VETERANS BENEFITS ADMINISTRATION (VBA)
- U. VETERINARY MEDICAL UNIT (VMU)

2 See Project Specifications for additional Contractor performance requirements attached to this submittal.

10. Risk Control

1. Include provisions for Life Safety, OSHA and Infection Control compliance in accordance with VA Standards.
2. The VA will conduct an Infection Control / Risk Assessment (ICRA) as described in Medical Center Memorandum No. 138-11. This contract will be a Class D-IV type project limited to external parking structures. **See Specification Section 01000 General Requirements for additional information / requirements.**
3. **VA Handbook 6500.6, Appendix D** (Contractor Rules of Behavior) is made part of this Scope of Work document, and is attached herein.

11. Place of Performance.

1. This work will take place at the Atlanta VA Medical Center, 1670 Clairmont Road, Decatur, GA 30033.
2. FTPS Site:

The D/B design firm shall provide a full service FTPS (secured) website which will allow access to all design team members and supporting participants, VA facility personnel, the COR and the Contracting Officer. VA personnel shall have full administrative access rights to the FTPS websites services. All costs associated with establishing and maintaining the FTPS website shall be the responsibility of the D/B Design Firm. The FTPS website will need to be fully compatible with VA National security systems and directives. The FTPS website shall be maintained active and available to the VA with all project content and correspondence through the duration of the Contract period including the entire project warranty period plus 30 days.

12. Period of Performance.

1. See Section 6 - Performance Monitoring for Milestone Submission requirements.

13. Basis of Award.

1. See Specification **001121 - Design Build RFP** for Basis of Award and RFP submittal requirements.

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