

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.

1. CONTRACT ID CODE

PAGE
1OF PAGES
52. AMENDMENT/MODIFICATION NUMBER
000013. EFFECTIVE DATE
11-30-2017

4. REQUISITION/PURCHASE REQ. NUMBER

5. PROJECT NUMBER (if applicable)
675-18-1506. ISSUED BY
CODE 36C248
Department of Veterans Affairs
Network Contracting Office 8 (NCO 8)
for Orlando VA
8875 Hidden River Pkwy Suite 525
Tampa FL 336377. ADMINISTERED BY (If other than Item 6)
CODE 36C248
Department of Veterans Affairs
Network Contracting Office 8 (NCO 8)
for Orlando VA
8875 Hidden River Pkwy
Tampa FL 336378. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code)
To all Offerors/Bidders

(X)

9A. AMENDMENT OF SOLICITATION NUMBER

36C24818R0071

X

9B. DATED (SEE ITEM 11)
11-21-2017

10A. MODIFICATION OF CONTRACT/ORDER NUMBER

10B. DATED (SEE ITEM 13)

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

THE PURPOSE OF THIS AMENDMENT IS TO INCORPORATE REQUEST FOR INFORMATION SET #1 DATED NOVEMBER 30, 2017 (3 pages); INCORPORATE ROOF TOP FLOOR PLAN (1 page); INCORPORATE REVISED STATEMENT OF WORK (14 pages); and INCORPORATE REVISED GENERAL PROPOSAL INFORMATION (7 pages). ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

SEE CONTINUATION PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Tiffany Garfield

NCO815L2-71061

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY (Signature of Contracting Officer)

PREVIOUS EDITION NOT USABLE

STANDARD FORM 30 (REV. 11/2016)
Prescribed by GSA - FAR (48 CFR) 53.243

Solicitation Number 36C24818R0071

Design Build – Replace Roof Top Units at Viera

Request For Information Set #1

November 30, 2017

1. Please confirm the applicable Building Code for this project. As a Federal facility, does the property fall under the Florida Building Code, or other?

VA requirements is more stringent than state building code. Most likely it covers the Florida building code, please check all applicable reference listed on the solicitation.

2. Unless the replacement RTUs are fabricated as custom units (expensive), the new RTUs will have different dimensional “footprints” than the existing RTUs. Will the VA allow the existing RTU equipment curbs to remain and allow the use of low-profile curb adapters to enable cost-effective rapid replacement, minimizing disruption of the existing roofing?

This is design-build project; therefore, design is not limited to existing size/features as long as it complies with VA specs and other reference listed on the solicitation.

3. Will the GC be responsible for verifying current structural wind load compliance and anchorage of the existing RTU curbs to the existing roof structure? Will the new installation be required to meet the increased wind load requirements in current applicable Code?

This is design-build project; contractor is responsible to ensure design meets minimum requirements including wind load compliance and anchorage of all new equipment to the existing roof structure.

4. F-Wing, which is a relatively recent addition, does not have any RTUs. Does this mean that there is no applicable scope of work regarding F-Wing in this project? Are there new boilers or water heaters required in F-wing?

F-wing does not require RTU and boilers, there are dedicated AHUs in that wing.

5. We noted a temporary flat-bed mounted chiller stationed alongside the chiller plant, apparently supplementing the chilled water (CHW) produced for the facility. Could the VA describe the purpose of this chiller? Is the fixed CEP equipment unable to produce sufficient CHW for the needs of the facility’s RTUs and indoor AHUs? Will any deficiencies need to be corrected by The VA or The GC prior to implementation of the RTU replacement project? Should we assume the chilled water plant is producing adequate chilled water volume, temperature and pressure for the existing RTUs and entire hospital? If not, what CEP output conditions should be assumed for available GPM, pressures and temperature differential?

Assume the existing chilled water plant is producing adequate chilled water volume, temperature and pressure for the existing RTUs and entire hospital.

6. Can the VA please provide mechanical as-built drawings showing the existing RTUs, the areas they serve, and all associated “boiler(s) and water heater(s)” intended to be replaced? Electrical as-builts would also be helpful as well.

We will provide any available drawings/specifications as needed on Phase 2. Only those deemed eligible for Phase 2 will be provided with this information (See RTU rooftop location drawing).

7. Other than the separate steam humidification system, do the “boiler(s) and water heater(s)” referenced in the solicitation serve only HVAC heating needs, or do they also serve domestic water heating needs?

New boilers and water heaters will only be for HVAC steam humidification and heating as mentioned on the solicitation.

8. Can the VA provide a list of rooms with room numbers where all subject “boiler(s) and water heater(s)” reside within the hospital and which RTUs they are associated with?

At present, there is no boiler or heater associated with any existing RTUs.

9. Can the VA provide a list of all RTUs, showing existing RTU cooling capacities, heating capacities, fan motor horsepower, and other pertinent equipment data and features?

We will provide any available drawings/specifications as needed on Phase 2. Only those deemed eligible for Phase 2 will be provided with this information (See RTU rooftop location drawing).

10. Solicitation page 14 of 75, under Specific Project Requirements, item 6, requires “All RTUs to have heating coils”. How many of the existing RTUs have hot water heating coils? How many existing RTUs are hot water heating coils and how many are electric heating coils (if any)?

At present, none of the RTUs have heating coils.

11. Is there a current roof warranty? If so, what company is it?

There is no current roof warranty.

12. Solicitation page 14 of 75, under Specific Project Requirements, item 2, requires performing Environmental Assessment/Impacts and providing a report to the VA. What is meant by this?

Disregard this requirement as VA just completed this Environmental requirement.

13. Solicitation page 14 of 75, under Specific Project Requirements, item 3, requires a hazardous material survey and also seems to require abatement of what may be discovered. Is there a previous report available from the VA? If not, how can bidders include reasonably-accurate abatement costs if there is no survey to describe where and how much hazardous material there is to abate?

Solicitation only mentioned asbestos, no other hazardous material survey. Solicitation will be modified to conduct asbestos testing only, abatement will be removed from the requirements.

14. Solicitation page 14 of 75, under Specific Project Requirements, item 9, requires “install new boiler(s) water heater(s) and associated equipment/utilities... in mechanical room D603”. Is this the only room to receive new boilers and water heaters? Would any other location be permissible to the VA?

This is a design-build project, Mechanical room D603 is the preferred location but as stated on the solicitation page 14 of 75, under Specific Project Requirements, item 9:

9. Install new boiler(s), water heater(s) and associated equipment/utilities (including necessary chemical injection system and or water softening equipment) in existing mechanical room (D603). Contractor is responsible to ensure that boiler(s), heater(s), and all supporting equipment will fit in the mechanical room or propose/design a new location subject to VA approval.

15. Solicitation page 14 of 75, under Specific Project Requirements, item 13, requires “install lightning protection”. Is there any known survey and testing report available for the existing system? Is the intent to simply remove and replace existing air terminals on replaced RTU equipment, or will the GC have to test and re-certify the entire lightning protection system?

GC shall test and re-certify the lightning protection within the project area.

16. With regards to the subject solicitation, as provided for in FAR 9.6, please allow for the responding prime SDVOSB contractor to include a formal teaming agreement and for that teaming arrangement, along with the relative experience/past performance of formal teammates, to be considered in determining the SDVOSB contractor, and team, relative experience and past performance qualifications in meeting the minimum requirements of the RFP.

a. Request Phase 1, Factor 1, Relevant Experience, Item A also include “industrial facility”

This requirement remains unchanged “a hospital or medical facility”

b. Request Phase 1, Factor 1, Relevant Experience, Item B be changed to remove project dollar value and a requirement to demonstrate “similar scope” projects involving phased mechanical work using WHEN hours

The dollar magnitude for past performance projects is changed from \$3,000,000.00 to \$1,000,000.00

17. Can the VA provide as-built information on BAS control/monitoring points that exist at all equipment intended to be replaced?

This is design-build project; AE/contractor is responsible to figure this out and ensure BAS will work seamlessly with new installed controllers and equipment.

We will provide any available As-built information as needed on Phase 2. Only those deemed eligible for Phase 2 will be provided with this information.

18. Are there any known limitations regarding crane placement and use on the property?

At present; there is no known limitation except crane operation is not authorized during normal clinic operating hours. Size of crane may also be limited base on ground condition.

See attached document: Rev GENERAL PROPOSAL INFORMATION and LPTA A00001.

See attached document: RTU Location - Viera.

See attached document: Rev SOW Replace Roof Top Units at Viera 11-30-2017.

I. GENERAL PROPOSAL INFORMATION

RFP: 36C24818R0071

Project # 675-18-150

Design Build to Replace Roof Top Units at Viera

Location of Project: Viera Outpatient Clinic, 2900 Veterans Way, Viera, FL 32940

Contracting Officer Point of Contact: Tiffany Garfield

E-mail: tiffany.garfield@va.gov

Phone: 813-631-2818

1. Service Disabled Veteran-owned Small Business Verification: This requirement is 100% set aside for verified Service Disabled Veteran Owned Small Business (SDVOSB). The award of this requirement shall not be delayed due to loss of SDVOSB verification. Proposals submitted by non-verified SDVOSB's will be excluded from evaluation and award consideration.

2. Offer Acceptance Period: Offers providing less than 120 calendar days for Government acceptance after the date offers are due may not be considered and may be rejected.

3. Work Effort: This project is a Design Bid Build Effort: The contractor shall design and construct this project pursuant to the Statement of Work including drawings, specifications, etc.

4. Site Visit: An organized site visit is scheduled for TBD for PHASE 2 ONLY. Only one site visit will be conducted. Participants are to meet at TBD, at the Viera Outpatient Clinic, 2900 Veterans Way, Orlando, Florida 32940. Please email the COR and cc the Contracting Officer if you plan on attending at manuel.arandia@va.gov and tiffany.garfield@va.gov.

5. Requests for Information (RFIs): RFI's are due NLT November 28, 2017 at 12:00 PM for Phase 1 and will not be accepted after this date. RFI's should be submitted by email to the Contracting Officer, tiffany.garfield@va.gov. Responses will be provided in a question and answer format in coordination with the COR. Example: Subject Line of the RFI e-mail should be as follows: Company Name, RFI #1, 36C24818R0071 and Project Title.

6. Proposal Due Date: Phase 1 Proposals are due NLT December 5, 2017; 12:00 pm to perform the work described herein are due by email to tiffany.garfield@va.gov. *Proposal is limited to 5 Meg per email and a max of 4 emails.*

7. Offer Guarantee (Bid Bond): An offer guarantee is required. Per FAR Clause 52.228-1-Bid Guarantee, the amount of the bid guarantee shall be 20 percent of the bid price or \$3,000,000, whichever is less. NOTE: A scanned copy of the original is acceptable with the original sent by mail.

8. Magnitude of Construction: Pursuant to VAAR 836.204 the following is provided: The magnitude of construction is between \$2,000,000 and \$5,000,000. This is the estimated range for Construction.

9. Proposal Requirements: Technical proposals are required in response to this request. In addition, it is the offeror's responsibility to acknowledge any amendments issued from this solicitation by signing each amendment and returning one (1) copy with the offeror's proposal. Failure to acknowledge the amendments could make the offeror "non-responsive" and the offeror could be eliminated from further consideration.

10. North American Industry Classification (NAICS) code: The applicable NAICS code for this procurement is 238990 All Other Specialty Trade Contractors. The Small Business size standard is \$15.0 Million.

11. Wage Determination (WD): The applicable Davis Bacon WD for this solicitation is incorporated in this document.

12. Period of Performance: The contractor shall begin performance within 10 calendar days after receiving the notice to proceed and complete all work within 480 days for bid item awarded. Note: Acceptance by the government is in conjunction with the Final Inspection and all punch list items must be completed during the established period of performance.

13. Superintendence: The Prime contractor shall provide, from his own staff, a competent 30 hour OSHA certified superintendent. This individual shall be 100% full time dedicated and assigned to this project while work is being performed on site. The prime contractor shall not divide or split up their superintendence duties among multiple projects at the same facility. Each project stands alone and requires a dedicated superintendent to be allocated and funded to that particular project.

14. Proposal Development: The Government does not compensate vendors for proposal development and submission.

II. PROPOSAL PREPARATION AND EVALUATION INFORMATION

This part describes the precise mechanism for evaluating and selecting offers for this bid build procurement for Project No. 675-18-150, Design Build to Replace Roof Top Units at Viera Outpatient Clinic, Viera, FL.

1. Proposal Preparation Instruction: To assure timely and equitable evaluation of proposals, offeror must follow the instructions contained herein. Proposals must be complete, self-sufficient, and respond directly to the requirement of this solicitation. Offeror submittals shall consist of the following through email to the attention of: tiffany.garfield@va.gov

- A. TECHNICAL PROPOSAL** - Technical Proposal shall be submitted separately from the price proposal (only for Phase 2) of the solicitation requirements identified below: The following format shall be used:

TAB A. General Information

- Cover Page with Solicitation Number, Project Title,
- Table of Contents
- Company Particulars to include DUNS Number, Cage Code, Tax ID number, principle points of contact, address, phone numbers, etc.

TAB B: Technical Evaluation Factors for Phase 1:

- Factor 1 - Relevant Past Performance Experience
- Factor 2 – Project/Phasing Schedule

B. PRICE PROPOSAL – ONLY PHASE 2 CONTRACTORS WILL SUBMIT

Note: Submit under Separate Cover from Technical

TAB A: General Information, Cover

- Page with Solicitation Number, Project Title,
- Table of Contents
- SF 1442 Signed offer/Amendments – Complete Blocks 17-20C
- Vet Biz Certification
- Bid/Offer Guarantee Bond
- Acknowledgement of Amendments
- Certifications

TAB B: Price Proposal

2. Basis for Contract Award.

- A. Source Selection Using Lowest Price Technically Acceptable Process (LPTA):** This is a competitive Request for Proposal (RFP) that represents the best value to the Government conducted under FAR Part 15, Lowest Price Technically Acceptable (LPTA) source selection process. Award will be made on the basis of the lowest evaluated price of proposals meeting or exceeding the acceptability standards for non-cost factors.
- B. Evaluation Overview:** Proposals will be evaluated and ranked according to price, from lowest to highest. The Government reserves the right to evaluate only the technical proposal of the lowest price offeror. Other technical proposals may not be evaluated unless the Government determines the lowest price offeror to be unacceptable or non-responsive. In the event the Government determines the lowest price offeror to be unacceptable, the technical proposal of the next lowest price offeror will be evaluated. This process will continue until a technical proposal is determined to be acceptable. This is a firm-fixed price award. It is the Offeror's responsibility to ensure the

submitted cost proposal includes all costs for total project requirements and completion in accordance with the specifications and drawings herein. The Offeror assumes all risk for omissions in subcontractor proposals.

- C. SDVOSB Verification- The Government will review VetBiz (<https://www.vip.vetbiz.gov/>) to confirm Service Disabled Veteran-owned Small Business (SDVOSB) status verification for the submitted proposals. Evaluations will be performed on proposals submitted by verified SDVOSBs only. Subsequent confirmation of SDVOSB verification status will be performed for the apparent award.
- D. Technical Evaluation: Technical acceptability is an assessment of each offeror's ability to successfully accomplish the technical requirements. The technical acceptability factors shall be rated as acceptable or unacceptable based on the information submitted by the offeror in response to the criteria of the evaluation factor. Note: All factors must be rated acceptable in order to be considered technically acceptable. If one factor is rated unacceptable, then the government will move onto the next proposal. The Government expects a qualified team to provide project management oversight, quality assurance, and monitor safety compliance for timely completion of all tasks.
- E. Proposal Instructions: Contractor must provide all requested information for each factor. Proposals must separately address each element of the factors as applicable to be considered responsive to this RFP. The factors headings must be highlighted in yellow or typed in bold text for identification. Recommend each titled factor heading in the submitted proposal be stated in the chronological order shown below. This format establishes a direct correlation between the information provided and the factor for evaluation. It is the contractor's responsibility to ensure the submitted proposal is in the proper format, the provided information is clearly understood and free of ambiguities.

3. Technical Factors:

PHASE 1

FACTOR 1: RELEVANT PAST PERFORMANCE EXPERIENCE:

To be Technically Acceptable, Offerors shall identify no less than ONE (1), and no more than three (3), previously-awarded, and completed design-build contracts, which were issued by either: Federal, State, or Local Government Agencies; and/or Private Organizations. To be evaluated as Relevant Past Performance, the construction contracts submitted by offerors must involve:

- A. Rooftop Heating Ventilating and Air Conditioning (HVAC) related Construction work, at a hospital or medical facility, as a prime contractor;
- B. **A dollar magnitude of at least \$1,000,000;**

- C. Work that was 100% completed within a time period of no more than FIVE (5) years prior to the date of submitting this proposal. If the contract/work is incomplete, or was completed more than five years prior to the date of submitting this proposal, it will not be deemed relevant.

For each of the submitted Relevant Past Performance contracts, provide the following information:

- The name of the construction contract, and the contract ID number;
- The name of the contracting agency or organization the contract was awarded by
- The date of the construction contract award and the contract award amount in dollars;
- The date of the construction contract completion, and the final contract amount, in dollars
- At least one picture
- Identification of at least one point-of-contact at the organization that awarded the submitted contract, including: the name of the point-of-contact; their current mailing address; phone number; and email address (if applicable).

Factor 2 – PROJECT/PHASING SCHEDULE: To be Technically Acceptable, Offerors shall submit with the proposal a “draft” project schedule:

1. To be considered technically acceptable, the proposed “draft” project schedule shall not exceed the project duration stated on the solicitation and include divisions of work required to successfully complete the project.

PHASE 2

Factor 1 – DESIGN AND CONSTRUCTION METHODS: To be Technically Acceptable, Offerors shall submit with the proposal a plan that satisfactorily address the following:

- A. Process required to ensure new boiler(s) and water heater(s) are sized and specified correctly to provide sufficient heating and steam humidification per scope of work stated in the solicitation.
- B. Replacement/installation process of RTUs, boiler(s), water Heater(s) and associated equipment with minimum negative impact to the operation of the clinic.
- C. Work required to ensure new HVAC controls are seamlessly tied to the existing Building Automation System (BAS).
- D. The commissioning of the new RTUs, boiler(s), water heater(s) to include synchronization and delivery of a fully functional system.
- E. Identify the manufacturers of required major equipment which satisfy the Buy-American Act and which relate to this project (i.e. RTU, boiler, water heater, etc.).

- F. Describe Management's approach to effectively coordinate and solve any issues with the A/E Firm during all phases of the project.
- G. Identify and describe how the project team will implement a Quality Assurance and Safety Program.
- H. Describe the organization, process and procedures to be established, implemented, and carried out for warranty support.
 - o Narrative - 5 page maximum

Factor 2 - PROPOSED TECHNICAL SOLUTIONS: To be Technically Acceptable, Offerors shall submit with the proposal description of any technical difficulties that may be encountered in a project of this type. Provide a narrative of preventative measures or solutions to overcome these issues.

- o Narrative - 3 page maximum

4. Price Proposal Submission: PHASE 2 ONLY

Basis of Evaluation: The Government will evaluate price based on the total price. Total price consists of the basic requirement may include alternate bid items such as, deductive, or options.

- (1) Basis of evaluation: Analysis will be performed by one or more of the following techniques to ensure a fair and reasonable price:
 - 1. Comparison of proposed prices received in response to the RFP.
 - 2. Comparison of proposed prices with the IGE.
 - 3. Comparison of proposed prices with available historical information.
 - 4. Comparison of market survey results.
- (2) Offer guarantee/Bid Bond

5. Proposal Submission Instructions -- Contractors shall submit proposals by email to Tiffany.garfield@va.gov. Electronic submission must be in Adobe pdf or Microsoft Word version 97-2003 or 2007.

Note: Your email is limited to 5 Meg per email. Ensure you identify on the subject line – Company Name, Part of proposal your submitting (Technical or Price) and title of project

6. To assure timely and equitable evaluation of proposals, offerors must follow the instructions contained herein. Offerors are required to meet all solicitation requirements, including terms and

conditions, representations and certifications. Failure to meet a requirement may result in an offer being ineligible for award and being considered non-responsive.

7. The Government intends to evaluate proposals and award a contract without discussions. Communication between the Government and offerors will be limited to exchanges for clarification as described in FAR 15.306(a). The Government reserves the right to enter into discussions if necessary.

8. Offeror's proposal should contain the offeror's best terms from a price and technical standpoint. Offerors are cautioned to submit sufficient information and in the format specified in the proposal instructions. Communication conducted to resolve minor or clerical errors would not constitute discussions and the Contracting Officer reserves the right to award a contract without the opportunity for proposals revisions or discussions.

9. Award will be made to the responsible offeror with the lowest price, technically acceptable proposal that meets or exceeds the acceptability standards for all non-cost factors, based on availability of funds.

DESIGN-BUILD

Replace Roof Top Units at Viera
Project No. 675-18-150
Viera OPC, 2900 Veterans Way, Viera, FL 32940

I. DEFINITIONS AND ACRONYMS:

- A. Design-Build (DB): as defined by the Department of Veterans Affairs (DVA) is the procurement by the Government, under one contract, with one firm (which may be a joint venture) for both design and construction services on a specific project.
- B. Contracting Officer (CO): The services to be performed under this contract are subject to the general supervision, direction, control and approval of the Contracting Officer.
- C. Project Manager (PM)/Contracting Officers Representative (COR): The Contracting Officer's representative responsible for administering contracts under the immediate direction of the Contracting Officer.
- D. Design Build Contract: This term, as used herein, refers to the Contract(s) to perform the design and construction of the project.
- E. Contractor: This term, as used herein, refers to the contractor under this contract.
- F. A/E: This term, as used herein, refers to the Architect-Engineer firm(s) that are a part of the DB team, also referred to as DB A/E.
- G. Design-Build Team A/E: This term, as used herein, to refer to the entire Design-Build Team (Contractor, A/E and any sub-contractors) all inclusive.
- H. Pre-Construction Risk Assessment (PRCA): Used to identify potential risks associated with the renovation, construction and some maintenance & repair activities and to develop risk mitigation strategies to minimize these risks. Prior to beginning work this assessment will be completed.
- I. Interim Life Safety Measures (ILSM): Measures that are instituted to compensate for significant hazards posed by existing life safety (fire) code deficiencies or construction/renovation activities.
- J. Certified Independent Third-Party Safety Professional (CITP): Certified Independent Third-Party Safety Professional for the review of the design documents for compliance with national and local codes, standards, federal and state regulations.
- K. Facilities Condition Assessment (FCA): Is an industry term that describes the process of a qualified group of trained industry professionals performing an analysis of the condition of a group of facilities that may vary in terms of age, design, construction methods, and materials
- L. Competent Person (CP): One who is capable of identifying any existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.
- M. Roof Top Unit (RTU): unitary systems manufactured in various configurations providing single or multi-zone heating, cooling, and ventilation with dedicated digital controls enable the use of building management systems to allow for efficient operation and system monitoring to ensure performance to design.

II. SCOPE OF WORK:

A. General Requirements:

Provide all supervision, labor, materials, tools and equipment, and design-build services necessary for design and construction of a project described herein and other specific tasks as further defined by this Request for Proposal (RFP). All proposals are to provide both design and construction services for this project.

B. Project Overview:

This project will design and replace Roof Top Air Handling Units (RTU) and install boiler(s) and water heater(s) at the Viera Outpatient Clinic (OPC). Project requires complete replacement of thirty-six (36) RTUs, installation of new boiler(s) and water heater(s) to provide heating medium for the RTUs & for humidity control, and installation/upgrade/modification of supporting equipment and devices to increase efficiency, ensure reliability and to provide satisfactory operation of the entire HVAC system in compliance with VA design guidelines and other references as listed in section VII, Resources.

C. Specific Project Requirements:

Work shall include but not limited to:

1. Design the complete replacement of 36 RTUs and installation of new boiler(s) and water heater(s) that will be used to supply hot water to all RTU heating coils and steam humidification to operating room RTUs ("C" wing RTUs). Design shall include project schedule and phasing subject to COR approval. Phasing's main objective is to minimize negative impact to the operation of the clinic.
2. ~~Perform Environmental Assessment/Impacts during the design phase and submit a report to VA.~~ **Deleted A00001 11-30-2017**
3. Contractor shall test for asbestos in suspected areas during the design phase. ~~In the event asbestos is uncovered, abatement should be incorporated in the design. Contractor shall completely remove the asbestos prior to proceeding with work. Contractor shall refer to VA specification, Section 02 82 11 for abatement protocol and requirements.~~ **Deleted A00001 11-30-2017**
4. New replacement RTUs shall be Trane or equal (variable-speed compressors and fans, cooling and heating coils, microelectronic unit control, humidity control, and weather resistant).
5. Contractor is responsible to validate actual RTU capacity requirements during design phase.
6. All RTUs shall have heating coils.
7. All C-wing RTUs shall have steam humidifier for humidity control.
8. RTUs shall be weatherproof-rated for high salt environment application.
9. Install new boiler(s), water heater(s) and associated equipment/utilities (including necessary chemical injection system and or water softening equipment) in existing mechanical room (D603). **Contractor is responsible to ensure that boiler(s), heater(s), and all supporting equipment will fit in the mechanical room or propose/design a new location subject to VA approval.** **Bolded to emphasize RFI Set #1 response to #14**

10. Capacity and quantity of boiler(s) and water heater(s) will be based on the required output to sufficiently supply heating and steam to the RTUs.
11. Boiler(s) and water heater(s) shall be Lochinvar brand or equal (low pressure heating system, H stamped pressure vessel, 3” fiberglass insulated, low water cut-off with manual reset, Incoloy Sheathed Elements, internal branch circuit fusing, 120V fused transformer, Digital Electronic Readout, and Integral Electric Control Panel with Key Locked Doors.
12. Replace old with new RTU per approved schedule and phasing plan. Ensure all equipment access panels/doors are readily accessible.
13. Install lightning protection.
14. Roof and any other area disturbed/damaged during the performance of this project shall be repaired at the Contractor’s expense.
15. Contractor shall perform all required work to ensure RTUs, boiler(s), and water heater(s) are connected to existing Building Automation System (BAS). All RTUs, boiler(s), and water heater(s) shall be monitored and controlled through the existing BAS.
16. Contractor is responsible for performing required modification/upgrade to all associated equipment/system for proper operation of the complete HVAC system including the BAS. New HVAC controls shall be seamlessly tied into existing system.
17. Perform Testing, Air, Balance (TAB) and commissioning services (VA Master specification, section 01-91-00) to ensure that systems are designed, installed, functionally tested, and capable of being operated and maintained to perform in conformity with the design intent.
18. Provide training to site personnel on the use, programming and troubleshooting of installed equipment and controls. Training will be provided by a certified system technician (s) who is (are) fully knowledgeable of the specific installation details of the project.

III. SCHEDULING, PHASING, AND WORKING HOURS:

- A. Work shall be performed during normal business hours (7:00 am to 5:00 pm, Monday through Friday). Some tasks are required to be performed during “WHEN” hours (Weekends, Holidays, Evenings and Nights) so as not to interfere with normal clinic functions. All requests for work outside of normal business hours must be requested by the Contractor at least 14 calendar days in advance. Additionally, construction shall be performed (scheduled and phased) to ensure that exterior egress/ingress areas are completely operational by normal business hours the following workday.

B. Length of Project

A. Length of Project

1. Project will have a 160 calendar days’ design phase. Please refer to Program Guide PG-18-15, Volume C for document requirements.
 - a) From Notice to Proceed, Design-Build Team A/E shall submit Schematic Design drawings to 25% within 30 calendar days. Allow 7 calendar days for VA review.

- b) Design-Build Team A/E shall submit Design Development drawings to 50%, which incorporates the VA's comments on the 25% submission within 60 calendar days. Allow 7 calendar days for VA review.
 - c) Design-Build Team A/E shall submit Design Development drawings to 75%, which incorporates the VA's comments on the 50% submission within 90 calendar days. Allow 7 calendar days for VA review.
 - d) Design-Build Team A/E shall submit Construction Document drawings to 95%, which incorporates the VA's comments on the 75% submission within 120 calendar days. Allow 7 calendar days for VA review.
 - e) Design-Build Team A/E shall submit Final Document drawings to 100% (Signed & Sealed), which incorporates the VA's comments on the 95% submission within 150 calendar days. Allow 10 calendar days for VA review.
- 2. Project's construction phase MUST be completed in no more than 330 calendar days from Government acceptance of work and schedule.
 - 3. Contractor shall submit a Critical Path Method (CPM) schedule for the Construction with estimated dates and itemized cost of work to the Contracting Officer for review and approval before Notice to proceed.

B. Utility shutdowns/Outages: All shutdowns involving temporary impairment of utilities shall be requested by the Contractor at least 14 calendar days in advance.

II. STATEMENT OF BID ITEM (S)

A. BID ITEM I: Design and replace Roof Top Air Handling Units (RTU) and install a boiler/water heater at Viera Out Patient Clinic (OPC). Project requires complete replacement of thirty-six (36) RTUs, installation of new boiler(3)/water heater(3) to provide heating medium for the RTUs & for humidity control, and install/upgrade/modify supporting equipment and devices to increase efficiency, ensure reliability, and satisfactory operation of the HVAC system (refer to SOW for complete details).

Estimated time for completion: 490 days

B. ALTERNATE NO.1: Provide all work as described in Item I, except replacement of six (6) RTUs and all related work. Three (3) RTUs in A section and three (3) RTUs in B section.

Estimated time for completion: 450 days

III. PROJECT CLASSIFICATION:

This project has been classified per the Construction Infection Control Risk Assessment as a Type A, Low Risk Group, Class I (ISLM Level 1) project.

IV. SAFETY REQUIREMENTS:

All Contractor's personnel are required to have completed an OSHA-approved 10-hour construction worker course prior to working on the site. The On-site general superintendent/supervisor is required to have completed an OSHA-approved 30-hour construction course prior to working on the site. Every worker must provide the Contracting Officer a copy of current certificates identifying successful completion of the training prior to

executing work for the Veterans Administration. In addition, Contractor shall provide submittals for contract construction or renovation work which include the names, qualifications, and training dates for Contractor's Competent Persons (CP), who has been designated to administer the site-specific safety program, as well as the CP for other activities as required by OSHA regulation 29 CFR 1926.32 (such as scaffolds, cranes, excavations, etc.). Contractor's CP are required to implement and maintain effective safety programs that identify and control hazards that may cause injury or illness to VA patients, staff, visitors, and contractor employees. The VA CP does not take the place of Contractor's CP nor acts on their behalf. The VA CP determines if Contractor is meeting VA standards and contractual requirements for safety and OSHA compliance. When these standards and contract requirements are not being met, the VA COR and/or CP will take immediate action to prevent injury, non-compliance, and/or property damage. The Contractor shall submit an Activity Hazard Analysis (AHA), and an Accident Prevention Plan (APP) as per FAR 52.236-13 prior to commencement of site activities. The Government shall have 21 calendar days to review the AHA and APP.

V. GOVERNMENT FURNISHED INFORMATION:

All available record drawings will be provided upon request to the Design-Build Team A/E. They should not however, be considered "as-built". These drawing files are provided without warranty or obligation as to the accuracy of information contained in the files. All information in the files shall be independently verified by the user. Any user shall agree to indemnify and hold the VA harmless from any and all claims, damages, losses, and expenses, including, but not limited to, attorney fees arising out of the use of the Computer Aided Design and Drafting (CADD) drawing and other drawing files.

VI. RESOURCES:

All designs shall comply with applicable sections of VA standards and publications, and all references therein. Ensure that construction documents comply with the latest edition of these VA construction, design standards, and other references. VA standards can be found on the World Wide Web at <http://www.cfm.va.gov/TIL/>. VA publications, standards, and other references shall include but shall not be limited to the following:

1. Office of Construction & Facilities Management Site Map:
<http://www.cfm.va.gov/sitemap.asp>
2. The Technical Information Library (TIL): <http://www.cfm.va.gov/TIL/>
 - a) Master Construction Specifications Index (PG-18-1)
 - b) Design and Construction Procedures (PG-18-3)
 - c) VA Standard Details and CAD Standards (PG-18-4)
 - d) Equipment Guide List (PG-18-5)
 - e) Equipment Inspection Manual (Program Guide 7610.2)
 - f) Equipment Reference Manual (PG-18-6)
 - g) Space Planning Criteria (PG-18-9)
 - h) Design Manuals (by discipline) (PG-18-10)
 - i) Design Guides (graphical, by function) (PG-18-12)
 - j) Barrier Free Design Guide (PG-18-13)
 - k) Room Finishes, Door and Hardware Schedules (PG-18-14)
 - l) Minimum Requirements for A/E Submissions (PG-18-15)

- m) Environmental Planning Guidance (PG-18-17)
 - n) HVAC Design Manual for Hospitals Amendment B
 - o) Lighting Study
 - p) Design Alerts
 - q) Quality Alerts
 - r) VA Signage Design Guide
 - s) Fire Protection Design Manual – Latest Edition
 - t) Cost Estimating
 - u) Physical Security Design Manuals for VA Facilities – Mission Critical Facilities (VA Handbook 0730)
 - v) Information Security Handbook VA 6500
 - w) Energy Reduction Manual (First Draft)
3. TIL - Master Construction Specifications: <http://www.cfm.va.gov/til/spec.asp>
 4. Department of Veterans Affairs Utilities Design Manual.
 5. HVAC Design Manual for New, Replacement, Addition, and Renovation of Existing VA Facilities
 6. Trane Roof Top Units <http://www.trane.com/commercial/north-america/us/en/products-systems/equipment/unitary/rooftop-systems.html>
 7. Lochinvar Boilers and Water Heaters
<http://www.lochinvar.com/products/default.aspx?type=productline&lineid=20>

B. Office of Construction & Facilities Management: <http://www.cfm.va.gov/index.asp>

1. VA Office of Facilities Management citations of the AIA design standards found on the world-wide web at <http://cfm.va.gov.TIL/>
2. VA Office of Health and Safety (OHS): <http://www1.va.gov/vasafety/>
3. Construction Infection Control Risk Assessment Memorandum

C. Other design and construction standards and publications that shall be applied to this work includes, but are not limited to:

1. American Society of Heating, Refrigerating and Air-Conditioning Engineers Manual (ASHRAE)
2. National Fire Protection Association (NFPA) Codes & Standards - www.nfpa.org
3. OSHA Rules and Regulations
4. International Building Code (ICC) latest edition
5. Life Safety Code (NFPA 101) latest edition
6. The Joint Commission (TJC) Accreditation manual (latest edition)
7. Sustainable Design Requirements (01 81 11)
8. Construction Waste Management (01 74 19)

D. Applicable sections of the *VA Master Construction Specifications* will be prepared by the Architect/Engineer, including all the necessary adaptations.

E. Particular attention is called to CD4, *Symbol Identification of Contract Drawings*.

- F. Equipment symbols shall be in accordance with PG-18-6, Equipment Reference Manual (previously List of Equipment Symbols, H-08-6).
- G. Standard Drawing Details, in accordance with PG-18-4, shall be utilized to the greatest extent practicable.
- H. Cost estimates shall be developed in strict conformance with VA's Manual for Preparation of Cost Estimates & Related Documents for VA Facilities (March 8, 2011). <http://www.cfm.va.gov/til/dManual/dmCost.pdf>
- I. Guidelines for Design and Construction of Health Care Facilities, Latest Edition, published by The Facilities Guidelines Institute (FGI). <http://www.fgiguideines.org/>
- J. Physical Security Standard, compliance with Medical Center Policy 138-3 and VHA Handbook 0730/2 dated May 27, 2010 "Space Key Control".
- K. Plumbing System Design & Water Treatment/Design to prevent Legionnaires. VA Plumbing Design Manual and VHA Directive 2008-010, PREVENTION OF LEGIONEELA DISEASE, and VHA Directive 2009-009, DOMESTIC HOT WATER TEMPERATURE LIMITS FOR LEGIONELLA PREVENTION AND SCALD CONTROL.

A. Department of Veteran Affairs Personnel:

- 1. Engineering Facilities Management (FMS),
 - a) Primary:
 - (1) COR Name: Manuel Arandia
 - (2)COR Email: manuel.arandia@va.gov
 - b) Secondary:
 - (1)COR Name: Darren Matteson
 - (2)COR Email: darren.matteson@va.gov
- 2. Contracting Office – Tiffany Garfield
 - a) Contracting Officer Email: tiffany.garfield@va.gov

II. DESIGN AND DOCUMENT REQUIREMENTS:

A. Design Requirements - Compliance with codes and standards.

- 1. Project design shall be in compliance with applicable standards and codes described in VA Program Guides and design materials included or referenced in the solicitation materials. See "Resources" above.
- 2. See "Approved Construction documents", below, for required inclusion of design review comments.
- 3. In the design of new building and alteration work under this contract, the Design-Build Team A/E shall consider all requirements (other than procedural requirements) of:
 - a) Zoning laws;
 - b) Environmental and erosion control regulations; and
 - c) Laws relating to landscaping, open space, minimum distance of a building from the property line, maximum height of a building, historic preservation, and esthetic

- qualities of a building. Also, similar laws, of the State and local political division, which would apply to the building if it, were not to be constructed or altered by the U.S. Government. The Design-Build Team A/E shall consult with appropriate officials of the Federal, state, and political subdivision, and submit plans under the rules prescribed by those reviewing authorities. The Design-Build Team A/E and VA shall give due consideration to the recommendations of the referenced building officials. VA will also permit inspection by the officials described above during the construction period in accordance with the customary schedule of inspections in the locality of the building construction. Such officials shall provide VA with a copy of the schedule before construction begins or give reasonable notice of their intention to inspect before conducting an inspection.
4. THE DESIGN-BUILD TEAM A/E SHALL PROVIDE PROMPT, WRITTEN NOTIFICATION TO THE CONTRACTING OFFICER CONCERNING CONFLICTS WITH, OR RECOMMENDED DEVIATIONS FROM CODES, LAWS, REGULATIONS, STANDARDS, AND OPINIONS OF REVIEW OFFICIALS AS DESCRIBED ABOVE. NO WORK ALTERING OR INCREASING THE SCOPE OF THIS CONTRACT SHALL BE UNDERTAKEN PRIOR TO RECEIPT OF WRITTEN APPROVAL FROM THE CONTRACTING OFFICER.
 5. No action may be brought against the VA and no fine or penalty may be imposed for failure to carry out any of the previously described recommendations of Federal, state, or local officials. VA and its contractors, including A/E, shall not be required to pay any amount for any action taken by a state or political division of a state in carrying out functions described in this article, including reviewing plans, carrying out on-site inspections, issuing permits, and making recommendations.
 6. The Design-Build Team A/E shall advise the Contracting Officer of any variances with the applicable Department of Labor, Occupational Safety and Health Standards, for occupancy requirements.

B. Design Review Meetings:

1. A review meeting to resolve design issues will be held for each design review package submitted. The meeting will include discussion of VA comments on functional relationships and technical peer review comments (by others).
2. Participants will include VA Staff and Design-Build Team A/E members as appropriate for the specific package to be reviewed and others. The Design-Build Team A/E members will each allow for (1) full day for each package design review meeting. Design-Build Team A/E management shall be present at each review meeting.
3. The DB team shall allow a minimum of fourteen (14) calendar days for each review cycle. A cycle includes:
 - a. The VA's receipt of the design review submission package.
 - b. The review meeting.
 - c. DB teams receipt of comments from the VA, either electronically, by fax, or by hard copy delivery.
4. Coordination of the review meeting schedules will be the responsibility of the VA Project Manager/COR (for the VA) and the Design-Build Team A/E Project Manager (for the Design-Build Team A/E). See Quality Assurance/Quality Control. Design-

Build Team (contractor) shall send meeting minutes within 2 days after each design meeting.

C. Design Review Submissions:

1. The Design-Build Team A/E shall prepare and submit complete construction documents for review and approval by the VA in accordance with standard professional practice and prevailing codes.
2. The documents may be divided into multiple review submission packages. The VA will review as many as six (6) package submissions (examples: demolition, civil, architectural, structural, mechanical, Electrical, plumbing etc.) to facilitate the start of construction.
3. All submission packages will be reviewed at Construction Documents (100%) and Final Documents completion stages. The Final Documents review submission packages will incorporate the final review comments from the Construction Documents (100%) review. If any package is not complete for the required stage a post review may be required, the cost of which will be borne by the DB Team. The Final Document set of drawings will be the set of drawings that will be used for construction and stamped by engineer and architect of record.
4. Each review submission package shall include 3 hard copy sets (2 Full Size & 1 Half Size) and 1 PDF sets on CD-ROM. The package will include an index of drawings (by sheet number and title) and specifications (by section number and title) submitted. The packages will be distributed to the VA Project's COR, the VA Contracting Officer (CO), and others as determined to be appropriate by the VA.
5. Upon Contractor review of the TIL Specifications and Design Guidelines associated with the Project Scope of Work, the Design-Build Team A/E shall be responsible to prepare and submit for Government review and acceptance a full set of specifications (2 hard copies, 2 electronic), specific to the project, from the Master Specifications located in the TIL. The Specifications shall be contractor modified to include VA Guidelines and Code requirements consistent with NFPA, IBC, FBC, FGI Guidelines for Design and Construction of Health Care Facilities, 2010 edition.
6. In addition to the Project Specific Specifications, the Contractor shall submit a binder of product cut sheets, MSDSs, and all required Contract submittals.
7. Contractor will be responsible to submit as-build CAD drawings at the end of the project reflecting the new floor layout changes to the VA Engineering office as part of the close out documents.

D. Electronic Media:

1. Design review submission drawings and final Construction Document submission drawings will be executed in electronic format AutoCAD version 2010 or backwards compatible format.
2. The drawings included will be available to the Design-Build Team A/E team in electronic format in AutoCAD version 2010 or PDF format for use in preparing the construction drawings if possible. Since data stored on electronic media can deteriorate undetected or be modified without the Architect/Engineer's knowledge, the CAD drawing files are provided without warranty or obligation on the part of the Architect/Engineer as to accuracy or information contained in the files. The user shall

independently verify all information in the files. Any user shall agree to indemnify and hold the Architect Engineer harmless from any and all claims, damages, losses, and expenses including, but not limited to, attorney's fee arising out of the use of the CAD drawing files.

3. Design review submission specifications, final Construction Document submission specifications and other 8 1/2 by 11 formatted material will be executed in electronic format Microsoft Word
4. The specifications included shall be available to the Design-Build Team A/E in electronic format in Microsoft Word, for use in preparing the construction specifications. Since data stored on electronic media can deteriorate undetected or be modified without the Architect/Engineer's knowledge, the CAD version 2010 drawing files are provided without warranty or obligation on the part of the Architect/Engineer as to accuracy or information contained in the files. The design builder shall independently verify all information in the files and shall agree to indemnify and hold the Architect Engineer harmless from any and all claims, damages, losses, and expenses including, but not limited to, attorney's fee arising out of the use of the electronic files.
5. The construction record drawings shall be completed in at least AutoCAD version 2010 and backward compatible format. Designer/contractor will submit an AUTOCAD copy (as build drawings) after the completion of the project and before close out to the VA for engineering records and update tracking purposes.
6. Construction shop drawings are not required to be completed in AutoCAD.

E. Professional Licensing:

1. The Design-Build Team A/E who prepares the construction documents shall be a professional architect or engineer licensed in the state in which the design work is completed.
2. The professional seal indicating such license by the state shall appear on the final construction documents. The architect whose seal is shown will be known as the Architect of Record. The Design-Build Team A/E shall certify compliance with the VA RFP and all applicable codes.

F. Approved Construction Documents:

1. The final construction document submission package will be submitted by the Design-Build Team A/E for approval by the VA after completion of the 75% review cycle for the final package to be submitted by the Design-Build Team A/E. The VA will have 14 calendar days to take approval action.
2. The final construction documents submission package will include a full set of construction documents including all disciplines/packages.
3. The final construction documents submission package will incorporate all VA supplied comments from the earlier 25%, 50% and 75% submission package reviews and will comply with the VA requirements.
4. If the final construction documents submission package is not complete a post submittal may be required, the cost of which will be borne by the Design-Build Team A/E.

5. The approved final construction documents include such details that the project can be constructed and will be used for construction of the project.

G. Construction Drawing Preparation - Mandatory material and equipment schedules and details may be indicated either on the drawings or in the specifications, at the option of the Design-Build Team A/E. The construction drawings shall include, at a minimum, a coordinated set of the following. (Reference Program Guide, PG-18-15, Volume C)

1. Structural drawings: including foundation plans, framing plans, schedules, and details, including general notes and all calculations. Structural analysis of the existing roof shall be performed for new RTUs installation.
2. Architectural drawings: including floor plans, building elevations, building sections, wall sections, reflected ceiling plans, stair details, toilet and bath details, door schedules and details, window schedules and details, room finish schedules, auto transport and other details.
3. Fire protection drawings: including floor and roof plans, riser diagrams, equipment schedules, and details, including general notes calculations and all related calculations.
4. Plumbing drawings: including floor and roof plans, riser diagrams equipment schedules, plumbing fixture schedules, and details, including general notes, and all related calculations.
5. HVAC drawings: including floor and roof plans, one-line flow diagrams, equipment schedules, and details, including general notes and all related calculations. Also, provide sections for mechanical equipment rooms and sequence of operation for all HVAC equipment.
6. Electrical drawings: including site demolition plans, site, floor and roof plans (power, lighting, and other systems), one-line diagrams, panel schedules, equipment schedules, light fixture schedules calculations and details
7. Asbestos abatement: drawings including site demolition plans and floor plans indicating asbestos abatement method.

H. Construction Specifications - Project specifications shall include specifications for all products, materials, equipment, methods, and systems shown on the construction drawings in accordance with standard professional practice and the VA requirements. The specification submitted for review shall include:

1. The name of the manufacturer, the product name, model number, or other identification as appropriate to clearly identify the product that will be used in the construction of the project;
2. Other data as appropriate to clearly identify the product that will be used in the construction of the project i.e. shop drawings, product data, and samples as required by the VA documents; and
3. The required stamp of the licensed architect or engineer of record will be considered as certification of compliance with the project's requirements.

I. Design Requirements – Compliance with codes and standards.

1. Project design shall be in compliance with applicable standards and codes described in VA Program Guides and design materials included or referenced in the solicitation materials.

2. In the design of new building and alteration work under this contract, the Design-Build Team A/E shall consider all requirements (other than procedural requirements) of:
 - a. Zoning laws;
 - b. Environmental and erosion control regulations; and
 - c. Laws relating to landscaping, open space, minimum distance of a building from the property line, maximum height of a building, historic preservation, and esthetic qualities of a building. Also, similar laws, of the State and local political division, which would apply to the building if it, were not to be constructed or altered by the U.S. Government.
3. The Design-Build Team A/E shall consult with appropriate officials of the Federal, state, and political subdivision, and submit plans under the rules prescribed by those reviewing authorities. The A/E and VA shall give due consideration to the recommendations of the referenced building officials. VA will also permit inspection by the officials described above during the construction period in accordance with the customary schedule of inspections in the locality of the building construction. Such officials shall provide VA with a copy of the schedule before construction begins or give reasonable notice of their intention to inspect before conducting an inspection.
4. The Design-Build Team A/E shall provide prompt, written notification to the Contracting Officer concerning conflicts with, or recommended deviations from codes, laws, regulations, standards, and opinions of review officials as described above. No work altering the scope of this contract shall be undertaken prior to receipt of written approval from the Contracting Officer.
5. No action may be brought against the Design-Build Team A/E or VA and no fine or penalty may be imposed for failure to carry out any of the previously described recommendations of Federal, state, or local officials. The VA and its contractors, shall not be required to pay any amount for any action taken by a state or political division of a state in carrying out functions described in this article, including reviewing plans, carrying out on-site inspections, issuing permits, and making recommendations.
6. The Design-Build Team A/E shall advise the Contracting Officer of any variances with the applicable Department of Labor, Occupational Safety and Health Standards, for occupancy requirements.

III. QUALITY ASSURANCE/QUALITY CONTROL:

- A. To reduce design errors and omissions, the Design-Build Team A/E shall develop and execute a QA/QC plan that demonstrates the project plans and specifications have gone through a rigorous, thorough review and coordination effort.
- B. Within 2 weeks of receipt of Notice to Proceed, the Design-Build Team A/E will submit a detailed QA/QC plan describing each QA/QC task that will be taken during the development of the various design submission packages and the name of the Design-Build Team A/E member responsible for QA/QC.
 1. Upon its completion, each task shall be initialed and dated by the responsible Design-Build Team A/E member.
 2. A 100% completed QA/QC plan shall be submitted with the final construction document submission package.

IV. CONSTRUCTION PERIOD SERVICES

A. Pre-Construction Meeting

The DB A/E, as part of the Design-Build Team A/E, shall participate in the pre-construction meeting with the VA and DB Contractor. The DB A/E shall be prepared to respond to the VA concerns, and shall provide overview of the design.

B. Site Visits & Inspections

1. During Construction Period Services, the DB A/E shall visit the job site as appropriate to the stage of construction to determine in general if the work is being performed in a manner indicating that the work, when completed, will be in accordance with the working drawings.
2. During the construction period the DB A/E shall make weekly visits to the project site when requested by the Contracting Officers Representative (COR). The Contracting Officers Representative (COR) may also request visits for special purposes. Only registered architects and engineers thoroughly familiar with the project may make these site visits. The Contracting Officers Representative (COR) has the prerogative to determine the professional discipline(s) required for any visit. The DB A/E shall observe the construction, advise the COR of any deviations or deficiencies or solutions to issues discussed. A site inspection report which includes the purpose of the inspection, items reviewed, deficiencies observed, recommendations and additional actions required, shall be furnished to the Contracting Officers Representative (COR) within three work days following the site visit date.

C. Disputes, Interpretations and Clarifications

Upon written request from the VA, the DB Contractor shall furnish to the VA, with reasonable promptness, in writing or in the form of drawings, interpretations of the Contract Documents prepared by the DB A/E, if, in the opinion of the VA, such interpretations are necessary for the proper execution or progress of the Work.

D. Other submittals

The DB team shall submit test results, certificates, manufacturer's instructions, manufacturer's field reports, etc. as required by the VA RFP specifications, to the VA Project Manager/COR.

E. Project record drawings

The Design-Build Team A/E will maintain a set of construction documents (field as-built drawings) to record actual construction changes during the construction process as required by the RFP specifications. The project record drawings will be available for review by the VA Resident Engineer at all times.

F. Shop drawings and submittals

The DB A/E shall check government furnished and/or the contractor's shop drawings, detail drawings, schedules, descriptive literature and samples, testing labor-laboratory reports, field test data and review the color, texture and suitability of materials for conformity with the RFP Documents and construction documents. The DB A/E shall recommend approval, disapproval, or other suitable disposition to the VA. The VA will have final approval authority. The DB A/E shall evaluate the submittals with reference to any companion submittals that constitute a system. When necessary, the DB A/E will request the Contractor to submit related components of a system before acting on a single

component. Should this procedure be inappropriate, the DB A/E shall review all prior submittals for related components of the system before acting on a single component. The DB A/E may be required to hold joint reviews with the VA technical staff and /or the Contractor on complicated system submittals. The DB A/E shall notify the VA COR in writing of any and all deviations from the requirements of the construction documents that he has found in the submittals.

G. Inspections and Testing

1. DB A/E shall be present during one (1) Pre-Final inspection and one (1) Final inspection of Work and shall generate Punch List and forward the list to the VA with explanations of found deficiencies and/or omissions in work, and recommended correctives.
2. DB A/E shall review and approve, or take other appropriate action on test reports and Punch List items to be completed or corrected. DB A/E shall approve or disapprove test reports and forward findings to the VA for final disposition. DB Team shall forward approved inspection and testing document or lists to the VA for final disposition.

H. Review of Documents and Work Acceptance

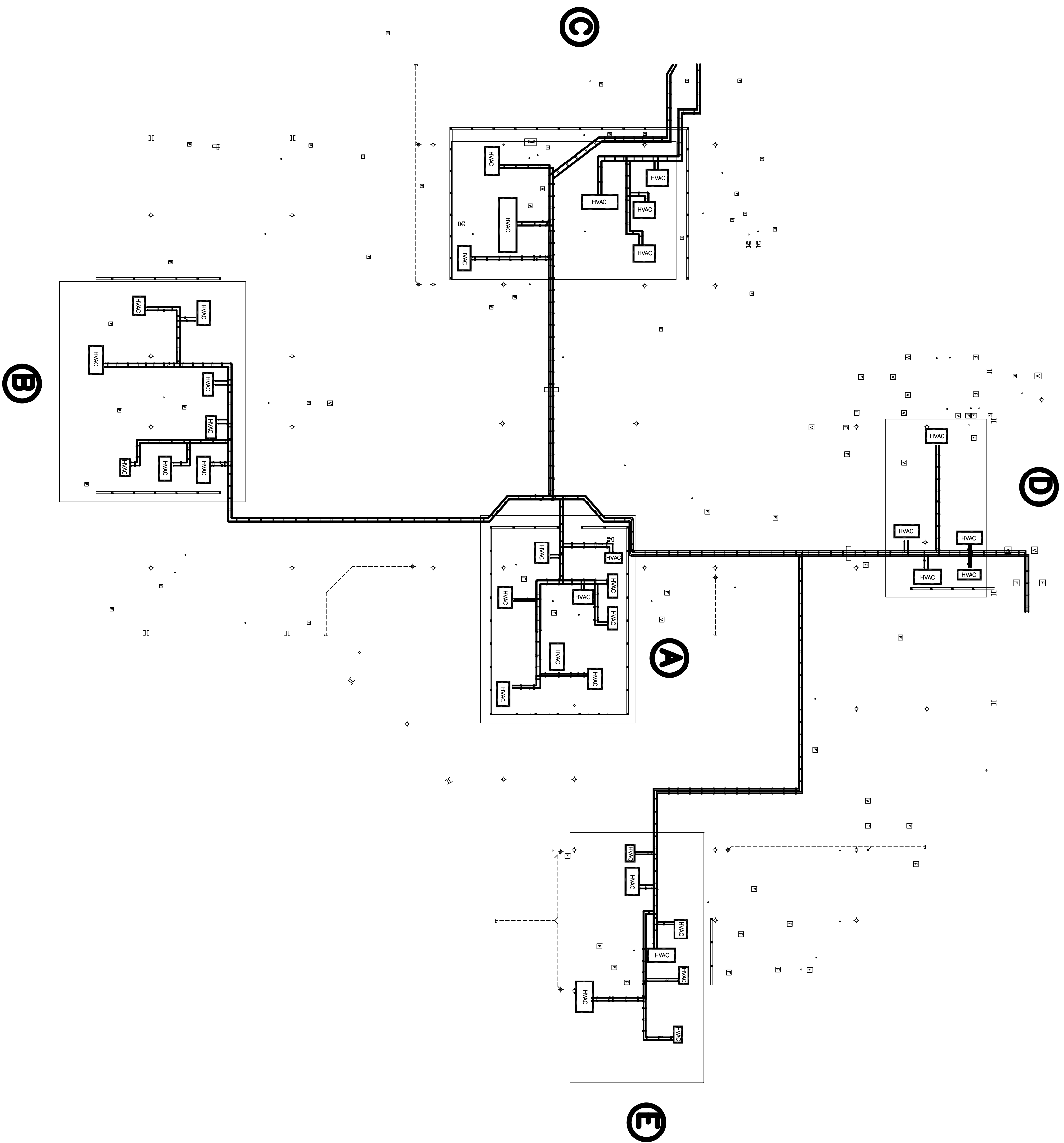
On closeout of Construction Period Services, the Design-Build Team A/E shall certify that the Contract Documents requirements and intent have been satisfied, workmanship is Professional and at an acceptable level, submittals and other DB supplied Documents as required in Contract Documents are in order and stamped approved. However, the Government's final acceptance of the Work is at the discretion of the A and shall be authorized in writing by the VA Contracting Officer only.

I. Project Close-Out

The Design-Build Team A/E shall comply with the requirements in the "General Conditions", Section 01001, and "General Requirements", Section 01010, for submission of final RFP as built drawings, manuals, and other documents as noted. Required as-built drawings and specifications will be submitted in the same format required for the construction documents.

J. AS-BUILT

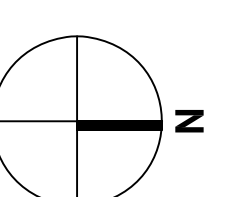
The Design-Build Team A/E shall prepare and submit AS-BUILT drawings as developed from the Construction activities re-lined as-built. Drawings shall be submitted in AutoCAD 2010 (or earlier) format and shall reflect the actual as-built conditions. Stamp drawings in large red bold letters "AS-BUILT" in the lower right hand corner of all drawings. Drawings shall be submitted on full size consistent with previous requirements herein.



VA MEDICAL CENTER ORLANDO, FLORIDA
 REPLACE ROOF TOP UNITS AT VIERA
 675-18-150

DRAWING TITLE: FLOOR PLAN (ROOF TOP)

DATE: 3/7/2017



Scale: N.T.S.