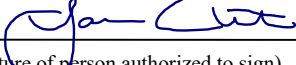


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. W9127819SFHZ0005-0002		3. EFFECTIVE 23 AUG 2019	4. REQUISITION/PURCHASE	5. PROJECT NO. (If applicable) MEF19013	
6. ISSUED BY CODE			7. ADMINISTERED BY (If other than item 6) CODE		
Corps of Engineers 109 St. Joseph St. Mobile, AL 36602				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. W9127819SFHZ0005 9B. DATED (SEE ITEM 11) 2 AUG 2019	<input type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO. 10B. DATED (SEE ITEM 13)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)					
The Green-Simmons Company, Inc. 3407 North W Street Pensacola, FL 32505 Escambia County DUNS: 159686195 CAGE: 094Q7					
CODE		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> 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 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT 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 telegram or letter, provided each telegram or letter 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.					
<input type="checkbox"/>	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				
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b)				
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)					
The subject solicitation for: DESIGN-BUILD FY-19 FIRE STATION #2, TYNDALL AIR FORCE BASE, FLORIDA Is modified in the following: REFER TO THE ENCLOSED REVISED SPECIFICATIONS/DRAWING REVISIONS FOR AMENDMENT NO. 0002					
Except as provided herein, all terms and conditions of the document reference 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) Jason Christiansen, Vice President			16A. NAME AND TITLE OF CONTRACTING OFFICE (Type or print)		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED 08/23/2019	16B. UNITED STATES OF AMERICA BY (Signature of contracting officer)		16C. DATE SIGNED

PART I - REVISIONS MADE BY ADDED AND/OR REPLACEMENT PARAGRAPHS/PAGES/SECTIONS

The items listed below are to be replaced by the corresponding added and/or revised paragraphs/pages or sections. Added and/or revised paragraphs/pages or sections are indicated by a note in bottom right hand corner of each paragraph or page. Added sections are hereby made a part of the contract and are to be inserted in the specification in the proper numerical/alphabetical sequence.

Within the specifications, deletions from the specifications are indicated by strikethrough, e.g.: ~~deletions are marked with strikethrough~~ and additions to the specifications including revisions/substitutions are indicated in bold, italic and underlined, e.g.: **additions are indicated thus.**

<u>SECTION</u>	<u>Corresponding Added or Revised Paragraph Page, and/or Section</u>
01 10 10	Revised Paragraphs 8.3., 12.2.6., 12.3.1., 15.3. and 19.7.
Appendix C	Revised the FF&E Project Narrative as indicated herein.

PART II - NOTE: Revised drawings are listed below. These revised drawings are to be inserted into the folio in the proper numerical sequence. Drawings that have been revised by this amendment shall be deleted from the folio. All drawings listed below are revised unless indicated otherwise.

<u>SHEET REF.</u>	<u>TITLE OF DRAWINGS</u>
	COVER SHEET
I-601	FINISH LEGENDS & SCHEDULES
I-602	FINISH PLANS

Encl as stated

Revised pages of the specifications as indicated in Part I.
3 Revised drawings as indicated in Part II.

01 10 10

8.3. Functional Area/Room Requirements

Room requirements below include items provided as a means to define the space usage and requirements for room design and layout. Refer to RFP Section 01 10 10-10 STRUCTURAL INTERIOR DESIGN (SID) AND FURNITURE FIXTURE EQUIPMENT (FFE) REQUIREMENTS for a complete list of FF&E items to be provided as part of the FF&E package(s).

Room Name:	2 Vehicle Bays
Use/Description:	Housing of fire protection vehicles
Quantity & Area	1 required, adjacent to apparatus support and circulation direct to dorms, approximate area and configuration as shown in criteria drawings
Functional Requirements:	<p>Provide drive-through bays with (4) total 14'Hx14'W insulated overhead doors w/ electric eye and/or automatic reverse device. Manual operation option included.</p> <p>Provide an emergency eye wash fountain and shower.</p> <p>Provide floor trench drains parallel to center line of vehicle, (2) total. All apparatus bay rooms shall drain to approved oil-water separator.</p> <p>Provide space around parked vehicles in accordance with C-1.1 and C-1.4 of UFC 4-730-10.</p> <p>Provide required support utilities (drops) for vehicles such as exhaust, compressed air, hot and cold water, lighting and power.</p> <p>Provide a Fire Apparatus Vehicle Exhaust Removal System (FAVERS) in compliance with NFPA 1500, a direct vent system directly to outside.</p> <p>Provide compressed air system on self-retracting lines at each vehicle bay.</p> <p>Provide outlets at 36" a.f.f., self-retracting electric drop cords b/t vehicles.</p> <p>Provide back-up power sized for full unobstructed operation of apparatus bays.</p> <p>Ceiling: min. 14' high open to structure above.</p>
Special Requirements:	<p>Provide internal and approach drive slopes to allow for approach of fire protection vehicles without bottoming-out or impending driver sightline.</p> <p>STC rating-55</p> <p>Refer to other sections of this RFP for additional requirements.</p>

Apparatus Bay (Central Bay - Bid Schedule No. 1)

Room Name:	1 Vehicle Bay
Use/Description:	Housing of fire protection vehicles
Quantity & Area	1 required, adjacent to apparatus support and circulation direct to dorms, approximate area and configuration as shown in criteria drawings
Functional Requirements:	<p>Provide drive-through bays with (2) total 14'Hx14'W insulated overhead doors w/ electric eye and/or automatic reverse device. Manual operation option included.</p> <p>Provide an emergency eye wash fountain and shower.</p> <p>Provide floor trench drains parallel to center line of vehicle, (1) total. All apparatus bay rooms shall drain to approved oil-water separator.</p> <p>Provide space around parked vehicles in accordance with C-1.1 and C-1.4 of UFC 4-730-10.</p> <p>Provide required support utilities (drops) for vehicles such as exhaust, compressed air, hot and cold water, lighting and power.</p> <p>Provide a Fire Apparatus Vehicle Exhaust Removal System (FAVERS) in compliance with NFPA 1500, a direct vent system directly to outside.</p> <p>Provide compressed air system on self-retracting lines at each vehicle bay.</p> <p>Provide outlets at 36" a.f.f., self-retracting electric drop cords b/t vehicles.</p> <p>Provide back-up power sized for full unobstructed operation of apparatus bays.</p> <p>Ceiling: min. 14' high open to structure above.</p>
Special Requirements:	<p>Provide internal and approach drive slopes to allow for approach of fire protection vehicles without bottoming-out or impending driver sightline.</p> <p>STC rating-55</p> <p>Refer to other sections of this RFP for additional requirements.</p>

(NOTE: The remainder of Paragraph 8.3. is unchanged by the amendment.)

12.2.6. General Design Parameters

- g. Each telecommunication room shall be designed for a sensible heat load of approximately 20 watts per square foot. The successful D/B team shall verify exact loading prior to design. Telecommunication rooms shall each be provided with a **dedicated mini-split** ~~separate computer room~~ air conditioning-type unit sized for the equipment load and provided with ~~humidifier, reheat and~~ condensate pump (if required to pump condensate to drain location). ~~Provide sufficient reheat to offset the cooling sensible capacity of the unit for humidity control at low loads.~~

(NOTE: The remainder of Paragraph 12.2.6. is unchanged by the amendment.)

12.3.1. Systems Description and Requirements

- f. Telecommunication rooms shall be **air conditioned** ~~cooled/dehumidified/humidified~~ to the indoor conditions listed above using **dedicated mini-split** ~~horizontal computer room~~ air conditioning units.

(NOTE: The remainder of Paragraph 12.3.1. is unchanged by the amendment.)

15.3. **Emergency Generator**

A diesel fueled emergency generator will be provided. Generator shall be sized to provide emergency backup power for fire station critical loads. The generator has been sized as a 150 KW/186 KVA Diesel Generator with basis of design Cummins Model DGFA. A generator load bank sized to simulate connected load of the fire station shall be provided as part of the generator system. The generator shall be provided and tested to comply with NFPA 101/NFPA 110. The automatic transfer switch shall be provided and tested to comply with IAW NFPA 110.

The generator installation is required to obtain Air Construction Permit and Air Operation Permit per Florida Administrative Code 62-210.300.

A base mounted diesel fuel tank will be provided under generator set. Fuel tank will be sized to run 72 hours at 100% rated load. Emergency generator system will be monitored at the fire station.

In compliance with NEC Article 700, two ~~An automatic transfer switches~~ shall be provided as part of the generator set and shall be located in the electrical room. One automatic transfer switch shall be provided for emergency/life safety loads (i.e. emergency lighting) and one automatic transfer switch will be provided for legally required system loads (fire station critical loads). ~~Automatic transfer switch shall be sized to accommodate fire station critical loads.~~ Automatic transfer switches shall be three-pole with solid neutral.

19.7. Specifications

The Contractor shall edit and submit the following UFGS specification as defined in Section 01 10 12, Design After Award using the latest comparable SpecsIntact version:

01 33 29 SUSTAINABILITY REPORTING

Specification shall be edited to reflect the requirements of this design-build contract. Requirements for Implementation Plan, Documentation Notebook, and Coordination Meetings shall not be deleted.

Sustainability Documentation Notebook required by this specification shall be prepared and provided in the construction phase to the level of detail required by the unedited specification. The notebook shall be updated throughout the construction phase and available for review by the COTR.

The final notebook shall be delivered to the COTR (provide 4 hard copies; 3-ring binder with table of contents, labeled dividers for each credit, checklist summary for credits and points, and compliance documentation for each credit. Provide (4) electronic file copies of the Documentation Notebook on CD-ROM with the same information provided hard copies in .pdf format with each credit bookmarked.

01 91 00 COMMISSIONING

Edit this specification to include the commissioning requirements as required by UFC 1-200-02 and as summarized below. Coordinate and review with the commissioning agent. The commissioning specifications shall be supplemented by other UFGS commissioning specifications as appropriate.

Level of Building Commissioning

UFC 1-200-02 Section 2-2.2 requires Building Project Commissioning be performed for this project. An independent Commissioning Authority (CxA) shall be contracted by the design-build Contractor to oversee the level of commissioning as determined by the PDT and as defined in this RFP. The Commissioning Authority shall be a first-tier subcontractor to the General Contractor and shall report directly to the Government. The commissioning authority shall not have its' work vetted by the Contractor or the Designers of Record.

UFC 1-200-02 also states for Air Force projects the level of commissioning scope must be determined by the Project Delivery Team (PDT). For this project the RFP Project Delivery Team (PDT) has determined the level of commissioning appropriate for the building systems as follows:

Commission the following HVAC systems:

- **Air-cooled condensing DX unit with matching modular VAV air handling unit** ~~Chilled water system including: chillers, pumps, piping systems, and variable speed drives.~~
- Heating system including: **gas-fired heating boilers, heating water variable speed pumps** ~~electric resistance heating.~~
- Air distribution systems including: air handling units, **dedicated** ~~computer~~ room units, energy recovery units, duct systems, and air terminal units with **hot water heating/reheat** ~~electric resistance heat.~~
- Exhaust systems including: fans (not part of the energy recovery ventilation system) and duct systems.
- Automatic temperature control system including: control devices, general building controls, energy management system integration.

Commission the following plumbing systems:

- Domestic hot water system utilizing hot water storage and recirculation pumps.
- Domestic heating hot water system including: boiler, pumps, and piping systems.

Commission the following electrical systems:

- Lighting control system

The RFP PDT has determined that the appropriate level of envelope commissioning will include Design Submittal reviews, construction inspections (including inspection of envelope mock-ups, to verify envelope construction complies with construction documents), envelope pressure testing to verify building air-tightness, and thermography analysis to verify thermal and moisture integrity for building envelope systems, components and assemblies. Testing to be performed by the Contractor with results reviewed by the Commissioning Authority (CxA). Construction inspections shall inspect and report on the following items, including but not limited to:

- Flashing
- Insulation
- Vapor barrier
- Seals
- Roofing
- Windows
- Doors
- Other Penetrations (i.e., louver, pipe, etc.)

No renewable energy systems will require commissioning as these systems have been determined to not be Life cycle cost effective following guidance of UFC 1-200-02 and federal mandate.

No irrigation systems will require commissioning as this system will be a temporary system to be utilized for 1 year only.

(NOTE: The remainder of the section is unchanged by the amendment.)

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APPENDIX C

FF&E PROJECT NARRATIVE

The project will consist of construction documentation of a new Satellite Fire Station at Tyndall AFB. The scope of the construction includes open office administrative space, day room/lounge area, dorm rooms, training and fitness areas, and an apparatus bay with support spaces.

INTERIOR DESIGN

Furniture, Fixtures, & Equipment (FF&E)

The furniture design for these facilities is based on the provided scope of work and will be further defined by thorough consultation with the users to establish requirements best suited to their needs. Selections will be made based on functionality, durability, and cost-effectiveness.

The FF&E package includes the design, selection, specification, color coordination and procurement documentation of the required items necessary to meet the functional, operational, sustainability, and aesthetic needs of the facility. The FF&E package will include placement plans, ordering and finish information on all freestanding furnishings and accessories, and will be coordinated with the Structural Interior Design (SID) interior finish materials. The selection of furniture style, function and configuration will be coordinated with the CID defined requirements from the Design Team.

Furniture for the facilities will consist of, but not be limited to, the furnishings list by area below; to be procured in accordance with Bid Option Selections; if the bid option for FF&E is accepted, all FF&E will be procured and installed by the contractor (CFCI); if the bid option for FF&E is not accepted, all FF&E will be procured by the government and installed by the contractor (GFCI). Equipment such as computer related software, TV's, VCR's, video projectors, faxes, printers, copiers, ~~ovens, ranges, refrigerators, washers, dryers~~ and fire extinguishers will be procured and installed by the government (GFGI).

Finishes for the furniture will be selected to compliment the interior architecture finishes of the building.

The SID and FF&E packages will be fully coordinated and will demonstrate a thorough understanding of the activity requirements to develop an optimum, functional, professional, working environment consistent with quality commercial interior design.

(NOTE: The remainder of Appendix C is unchanged by the amendment.)

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