

2. AMENDMENT/MODIFICATION NO. W9127826RA012-0001	3. EFFECTIVE DATE 13 APR 2026	4. REQUISITION/PURCHASE	5. PROJECT NO. (If applicable) MEF22007
6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)	<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. W9127826RA012
		9B. DATED (SEE ITEM 11) 16 MARCH 2026
	<input type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO.
		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 _____ 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 is not, 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: **LRSO HARDWARE SOFTWARE DEVELOPMENT FACILITY
EGLIN AIR FORCE BASE, FLORIDA**
Is modified in the following: **REFER TO THE ENCLOSED REVISED SPECIFICATIONS FOR AMENDMENT NO. 0001**

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)	16A. NAME AND TITLE OF CONTRACTING OFFICE (Type or print)		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY	16C. DATE SIGNED
_____ (Signature of person authorized to sign)	_____	_____ (Signature of contracting officer)	_____

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>
<u>Volume 1</u>	
SF1442	Revised Block 13.a as indicated herein.
Bidding Schedule	Revised Note No. 4 as indicated herein.
01 00 00	Revised Paragraph 1.1 as indicated herein.

Encl as stated:

Revised pages of the specifications as indicated in Part I.

SOLICITATION, OFFER AND AWARD <i>(Construction, Alteration, or Repair)</i>	1. SOLICITATION NUMBER	2. TYPE OF SOLICITATION	3. DATE ISSUED	PAGE	OF	PAGES
	W9127826RA012	<input type="checkbox"/> SEALED BID (IFB) INVITATION FOR BID <input checked="" type="checkbox"/> NEGOTIATED (RFP) REQUEST FOR PROPOSAL	16 MAR 2026	1		2

IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO.	6. PROJECT NUMBER
		MEF22007

7. ISSUED BY	CODE	CT	8. ADDRESS OFFER TO
U.S. ARMY ENGINEER DISTRICT, MOBILE CONTRACTING DIVISION (CESAM-CT) 100 CANAL STREET MOBILE, AL 36628-0001			SAME AS BLOCK 7

9. FOR INFORMATION CALL:	a. NAME	b. TELEPHONE NO. (Include area code) (NO COLLECT CALLS)
	Leigh Dedrick / Stephanie Scalise	(251) 441-5519 / (251) 690-2479

SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying no., date):

LRSO HARDWARE SOFTWARE DEVELOPMENT FACILITY, EGLIN AIR FORCE BASE, FLORIDA

* See Section 01 00 00, Paragraph "COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK".
**Block 13A. Offeror shall submit their proposal through PIEE.

11. The contractor shall begin performance within 8 calendar days and complete it within * calendar days after receiving
 award, notice to proceed. This performance period is mandatory, negotiable. (See _____.)

12a. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If "YES," indicates within how many calendar days after award in Item 12b.)	12b. CALENDAR DAYS
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	10

13. ADDITIONAL SOLICITATION REQUIREMENTS:

a. Sealed offers in original and ** copies to perform the work required are due at the place specified in Item 8 by 1400 (**hour**) local time 30 21 APRIL 2026 (date). If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

b. An offer guarantee is, is not required.

c. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

d. Offers providing less than 120 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER (Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)		15. TELEPHONE NO. (Include area code)
		16. REMITTANCE ADDRESS (Include only if different than Item 14.)
CODE	FACILITY CODE	

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within _____ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13d. Failure to insert any number means the offeror accepts the minimum in Item 13d.)

AMOUNTS 

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS


(The offeror acknowledges receipt of amendments to the solicitation - give number and date of each)

AMENDMENT NUMBER										
DATE										

20a. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)	20b. SIGNATURE	20c. OFFER DATE
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AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA	
24. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified) 	ITEM	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO <input type="checkbox"/> 10 U.S.C. 3204(a) () <input type="checkbox"/> 41 U.S.C. 3304(a) ()
26. ADMINISTERED BY CODE		27. PAYMENT WILL BE MADE BY

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

<input type="checkbox"/> 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return _____ copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications incorporated by reference in or attached to this contract.	<input type="checkbox"/> 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.		
30a. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)	31a. NAME OF CONTRACTING OFFICER (Type or print)		
30b. SIGNATURE	30c. DATE	31b. UNITED STATES OF AMERICA BY	31c. AWARD DATE

STANDARD FORM 1442 (REV12/2022) BACK

BIDDING SCHEDULE

BIDDER'S NAME: _____

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
<u>BASE BID</u>					
1.	LRSO Hardware/Software Facility	1	Job	XXX	_____
2.	Construction of Site Work	1	Job	XXX	_____
3.	CHELCO (Privatized Electrical Utility) Site Electrical Work	1	Job	XXX	<u>\$392,657.90</u>
4.	ASUS (Privatized Water Utility) Water and Wastewater Work	1	Job	XXX	<u>\$335,050.00</u>
5.	Fire Pump and Fire Pump Enclosure	1	Job	XXX	_____
<u>Total Base Bid</u>					_____
<u>BID OPTIONS</u>					
<u>Bid Option No.1</u>					
6.	Furniture, Fixtures, and Equipment (FF&E)	1	Job	XXX	_____
<u>Bid Option No.2</u>					
7.	Uninterrupted Power Systems (UPS)	1	Job	XXX	_____
<u>Total Base Bid and ALL Options</u>					_____

NOTES FOR BIDDING SCHEDULE

NOTE NO. 1. To better facilitate the receipt and proposal process, all modifications to proposals are to be submitted on copies of the latest bid schedules as published in the solicitation or the latest amendment thereto. In lieu of indicating additions/deductions to bid items, all bidders should state their revised prices for each item. The company name should be indicated on the face of the bidding schedule to preclude being misplaced.

NOTE NO. 2. Bidders must insert a price on all numbered items of the Bidding Schedule. Failure to do so will disqualify the bid.

NOTE NO. 3. CONDITIONS GOVERNING EVALUATION OF BIDS AND AWARD OF TASK ORDERS.

In accordance with the source selection criteria established in this solicitation, only one task order will be awarded on the bid schedule and award will be made on the Base Bid and selected Options. Evaluation of Base Bid and all Options shall be in accordance with Section 00 12 00 and the following clause:

52.217-5 EVALUATION OF OPTIONS (JUL 1990)

Except when it is determined in accordance with FAR 17.206(b) not to be in the Government's best interests, the Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the option(s).

(End of clause)

The Government may require the delivery of the numbered line items, identified in the schedule as option items, in the quantity and at the price stated in the schedule. Subject to the availability of funds, the Contracting Officer may exercise Bid Options as follows;

Bid Option 1 by written notice to the Contractor within 365 days of Notice to Proceed;

Bid Option 2 by written notice to the Contractor within 150 days of Notice to Proceed;

Amendment 0001

NOTE NO. 4. The construction budget for this project is \$20,000,000. Construction duration is 600 ~~547~~ days.

Amendment 0001

NOTE NO. 5. ADDITIONAL SUBMISSION REQUIREMENTS:

a. Upon the Government's request, the offeror shall submit a price breakdown of the bid items directly to the Mobile District Office. Details on where and how to send the breakdown will be provided by the requesting official making the request on behalf of the Government. The format of the breakdown will be left up to the offeror. However, as a minimum, the offeror shall provide pricing for

the major categories of work under each bid item, for example: site improvements, landscaping, electrical, mechanical, etc. This information will not be needed sooner than three (3) working days after the proposal submission due date.

b. This information may be required for the initial and, if requested, for any revised proposals.

END OF BIDDING SCHEDULE

SECTION 01 00 00

ADDITIONAL SPECIAL CONTRACT REQUIREMENTS
EGLIN AFB

PART 1 GENERAL

Amendment 0001

1.1 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK

The Contractor shall be required to (1) commence work under this contract within 8 calendar days after the date the Contractor receives Notice To Proceed (NTP), (2) prosecute the work diligently, and (3) complete the entire work ready for use not later than 600 ~~547~~ calendar days after receipt of Notice To Proceed (NTP). This time stated for completion shall include final cleanup of the premises. Provisions stipulated for planting and maintenance of grass are excluded from the completion time.

Amendment 0001

1.2 LIQUIDATED DAMAGES - CONSTRUCTION

(a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, the Contractor shall pay to the Government as liquidated damages, the sum of \$1,082.00 for each calendar day of delay.

(b) If the Government terminates the Contractor's right to proceed, the resulting damage will consist of liquidated damages until such reasonable time as may be required for final completion of the work together with any increased costs occasioned the Government in completing the work.

(c) If the Government does not terminate the Contractor's right to proceed, the resulting damage will consist of liquidated damages until the work is completed or accepted.

1.3 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Hazard Analysis; G, RO

AF Form 103, Base Civil Engineering Work Clearance Request; G, RO

Contractor's Area Use Plan; G, RO.

SD-07 Certificates

Asbestos and Lead Based Paint Certification Letter; G, RO

SD-11 Closeout Submittals

Redlined As-Built Drawings; G, RO

Progress As-Built Building Information Model (BIM); G, RO

Final As-Built BIM; G, RO

As-Built Drawings; G, RO

1.4 JOINT OCCUPANCY

The Contractor is hereby made aware that Joint Occupancy will be required for 90 calendar days prior to the construction completion date for example: "to allow the installation of the following Government Furnished/Government Installed (GFGI) systems and equipment by Base personnel and other Contractors; intrusion detection system (IDS), and access control system (ACS). Contractor shall cooperate to enable the GFGI work to be installed during the construction contract duration."

1.5 GOVERNMENT FIELD OFFICE

FOR EXAMPLE: The contractor shall provide an on the jobsite temporary office facility with appropriate square footage and useful floor area for the exclusive use of ##### (#) USACE personnel. Provide a weathertight structure with adequate heating and cooling, toilet facilities, lighting and ventilation. Provide an exterior door with a cylinder lock and windows with locking hardware. Contractor shall provide temporary utility services (water, electricity and sewage), as required. Within the USACE Field Office, provide four private offices, approximately 200 square feet in floor area. Include a standard size office desk and chair, 4 by 8 foot table, one visitor chair, and one file cabinet in each private office. Within the remaining office facility, provide two 4 by 8 foot plan table with 14 chairs and 2 file cabinets. At completion of the project, the office will remain the property of the Contractor and be removed from the site. Utilities will be connected and disconnected in accordance with local codes and to the satisfaction of the Contracting Officer.

1.6 CONTRACTOR RESPONSIBILITY

The Contractor is responsible for the construction of all work. In order to ensure quality, the Contractor shall develop a Quality Control Plan in accordance with Section: 01 45 00 QUALITY CONTROL. In order to allow the Government to monitor the Contractor's progress and review his work, the Contractor shall develop a submittal register as specified in Section: 01 33 00 SUBMITTAL PROCEDURES.

1.7 FACTORY EQUIPMENT TESTS

All pieces of equipment that require factory testing will be witnessed by the Contracting Officer representative (COR). The Contractor shall notify the COR prior to any tests.

1.8 CONTRACT DRAWINGS, MAPS AND SPECIFICATIONS

a) The Contractor will be furnished on CD ROM/DVD one electronic set

of: a reproducible set of the advertised solicitation, including contract clauses, plans, and specifications; solicitation drawing and model file(s); and all amendments. The work shall conform to the specifications and the contract drawings listed in the technical provisions. The solicitation drawings serve as the Contract Documents that such functions shall be based upon.

b) The building design was developed using Autodesk Revit and civil/sitework design was developed using AutoCAD Civil 3D. The Government BIM model was utilized to develop the contract drawings. Model elements were generally developed to a minimum "Level of Development 200" which is defined as "graphically represented within the BIM as a system, object, or assembly in terms of quantity, size, shape, location, and orientation. Non-Graphic information may also be attached to the model elements." Level of Development may vary slightly for some elements. The model elements were developed using the basis of design systems and do not reflect actual systems that were selected, procured, and installed by the Contractor. The models were the Government's instruments of service and as such no guarantee or warranty is provided as to the accuracy or level of development contained therein. The Government furnished BIM model shall not be utilized for shop drawings, fabrication, coordination studies, layout or relied upon or utilized for any other design or construction related purposes. The site and facility shall be constructed as required by the contract documents; 2D drawings and specifications.

c) Omissions from the drawings or specifications, the mis-description of details of work which are manifestly necessary to carry out the intent of the drawings and specifications which are customarily performed shall not relieve the Contractor from performing such omitted or mis-described details of the work but they shall be performed as if fully and correctly set forth and described in the drawings and specifications.

d) The Contractor shall check all drawings furnished him immediately upon their receipt and shall promptly notify the Contracting Officer's Representative of any discrepancies. Figures marked on drawings shall in general be followed in preference to scale measurements. Large scale drawings shall in general govern small scale drawings. The Contractor shall compare all drawings and verify the figures before laying out the work and will be responsible for any errors which might have been avoided thereby.

e) The drawings and maps for this solicitation are hereby incorporated by reference into these specifications. Any schedules included in the drawings are for the purpose of defining requirements other than quantities.

1.9 HAZARD ANALYSIS

A hazard analysis plan, as described in Section 1, Article 01.A.11 of the Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, latest edition, is required for this contract and shall be submitted within ten (10) days after Notice To Proceed (NTP).

1.10 PHYSICAL DATA

a. Data and information furnished or referred to below is for the

Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

(1) The indications of physical conditions on the drawings and in the specifications are the result of site investigations by surveys.

(2) Weather Conditions. The location is subject to atmospheric temperature ranging from plus 7 degrees to plus 103 degrees Fahrenheit as determined from the U.S. Weather Bureau Station at Pensacola, Florida. The mean annual precipitation at Niceville, Florida is 58.85 inches and the mean monthly precipitation varies from a low of 3.12 inches in May to a high of 8.05 inches in July.

(3) Transportation facilities.

(a) Railroads. The Seaboard System Railroad and the Burlington Northern Railroad serve Pensacola, Florida, the nearest railhead. The Contractor shall investigate the availability of sidings, and shall make all arrangements for use of any sidings for the delivery of any materials and equipment to be used on the work.

(b) Highways. The site is served by U.S. Highway 85. Highway 85 connects the City of Crestview, Interstate 10, and finally the City of Fort Walton Beach. U.S. Highway No. 98 connects Pensacola and Fort Walton Beach, Florida, and runs along the mainland adjacent and parallel to Santa Rosa Island. The site of the work is accessible from Crestview and Fort Walton Beach by bridge and paved road. The Contractor shall make his own investigation of available roads for transportation, load limits for bridges and roads, and other conditions affecting the transportation of materials and equipment to the site. Highway 85 is the main north/south corridor for Crestview/Eglin/ Fort Walton Beach. As such, traffic will be extremely heavy between 6:00-8:00 AM, and 4:00 to 6:00 PM. This could delay access to the site during these periods.

(c) Waterways. The Fort Walton Beach, FL. area is served by the Gulf Intracoastal Waterway. If the Contractor desires to use barge transportation for materials shipment, he shall make his own arrangements with commercial concerns for loading/off loading facilities. Government barge facilities at Eglin Air Force Base are not available for Contractor use.

1.11 TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER

a. This provision specifies the procedure for determination of time extensions for unusually severe weather in accordance with the contract clause entitled "Default: (Fixed Price Construction)". In order for the Contracting Officer to award a time extension under this clause, the following conditions must be satisfied:

(1) The weather experienced at the project site during the contract period must be found to be unusually severe. Unusually severe weather is defined as hurricanes, floods, tornados, or earthquakes.

(2) The unusually severe weather must actually cause a delay to the completion of the project. The delay must be beyond the control and without the fault or negligence of the Contractor.

(3) The Contractor's progress schedule must reflect completion of

the project within the specified contract duration including all weather except that as defined as unusually severe in (a)(1).

b. The following schedule of monthly anticipated adverse weather delays is based on National Oceanic and Atmospheric Administration (NOAA) or similar data for the project location and will constitute the base line for monthly weather time evaluations. The Contractor's progress schedule must reflect these anticipated adverse weather delays in all weather dependent activities.

MONTHLY ANTICIPATED ADVERSE WEATHER DELAY
WORK DAYS BASED ON (5) DAY WORK WEEK

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
5	5	5	3	3	5	8	6	5	3	4	5

c. Upon acknowledgement of the Notice to Proceed and continuing throughout the contract, the Contractor will record on its daily Contractor Quality Control report, the occurrence of adverse weather and resultant impact to normally scheduled work. Actual adverse weather delay days must prevent work on critical activities for 50 percent or more of the Contractor's scheduled work day.

d. The number of actual adverse weather delay days shall include days impacted by actual adverse weather (even if adverse weather occurred in previous month), be calculated chronologically from the first to the last day of each month, and be recorded as full days. If the number of actual adverse weather delay days exceeds the number of days anticipated in paragraph b, above, the Contracting Officer will convert any qualifying delays to calendar days, giving full consideration for equivalent fair weather work days, and issue a modification in accordance with the Contract Clause entitled "Default (Fixed Price Construction)".

1.12 INTERRUPTION OF UTILITY SERVICES

a. Planned interruptions of utility services (electrical power, water, natural gas, etc.) shall be detailed and coordinated by the Contractor. Requests for interruptions shall be submitted in writing by the Contractor to the Contracting Officer's Representative at least 10 (ten) working days before the planned outage. This request shall also be shared with the U.S. Army Corps of Engineers project representative.

Contractor shall not interrupt service(s) until approval has been granted. Requests shall include facility/facilities affected, date of scheduled outage, and duration. Requests for interruption of service(s) will not be approved until all equipment and materials required for that particular phase of work are on the job site. Interruptions will be allowed Monday through Friday for the following times: 7:15 A.M. until 11:00 A.M. and 12:30 P.M. until 4:00 P.M. and will be limited to 4 hours. If weekend (Saturday and Sunday) outages are required or are preferred, they shall be coordinated as specified above and may result in additional charges by the utility provider.

1.13 CONTRACTOR INITIATED ROAD CLOSURES

Planned road closures shall be detailed and coordinated by the Contractor. Requests for road closures shall be submitted in writing by the Contractor to the Contracting Officer's Representative at least 10 (ten) working days before the planned closure. When it becomes necessary to close roads for

construction, the Contractor shall immediately put in place the necessary signs and barricades required. All traffic control devices (signs, barricades, pavement markings, traffic signals, intersection control beacons, delineators, etc.) shall conform to the FHWA Manual on Uniform Traffic Control Devices and the FHWA publication Standard Highway Signs, most current edition. These include, but are not limited to, begin/end construction signs, standard traffic control signs, including clearly marked detours and barricades with yellow flashing caution lights. Hand painted plywood signs (or other materials) are not allowed or acceptable. Upon completion of road work, all signs and barricades shall be immediately removed and all normal traffic control devices and signs returned to their original condition. Signs and barricades shall not be left along sides of roadways.

1.14 CONTRACTOR PREPARED AS-BUILT BUILDING INFORMATION MODELING (BIM) AND DRAWINGS

a. Redlined As-Built Drawings: Copies of the drawings will be the responsibility of the Contractor. The as-built drawings shall be a record of the construction as installed and completed by the Contractor. They shall include all the information shown on the contract set of drawings and a record of all deviations, modifications, or changes from those drawings which were incorporated in the work; all additional work not appearing on the contract drawings; and all changes which are made after final inspection of the contract work. In the event the Contractor accomplishes additional work which changes the as-built conditions of the facility after submission of the as-built drawings, the Contractor shall furnish revised and/or additional drawings as required to depict as-built conditions. The requirements for these additional drawings will be the same as for the as-built drawings included in the original submittal.

The Contractor shall have on his staff, personnel to mark up a set of paper copy construction drawings to show the as-built conditions. These as-built marked copies shall be kept current and available on the job site at all times. All changes from the contract plans which are made in the work or additional information which might be uncovered in the course of construction shall be accurately and neatly recorded, as the events occur, by means of details and notes. The Contractor shall call attention to entries by redlining areas affected. The red line as-built will be jointly inspected for accuracy and completeness by the Contracting Officer's representative and a responsible representative of the Contractor prior to submittal of each request for payment. The Contracting Officer's approval of the current status of the as-built drawings shall be a prerequisite to the Contracting Officer's approval of request for progress payment and request for final payment under the contract. The drawings shall show the following information, but not be limited thereto:

(1) The location and description of any utility lines or other installations of any kind or description known to exist within the construction area. The location includes dimensions to permanent features.

(2) The location and dimensions of any changes within the building or structures.

(3) Correct grade or alignment of roads, structures or utilities if any changes were made from contract plans.

(4) Changes in details of design or additional information obtained

from working drawings specified to be prepared and/or furnished by the Contractor including but not limited to fabrication, erection, installation plans and placing details, pipe sizes, insulation material, dimensions of equipment foundations, etc.

(5) All changes or modifications which result from the final inspection.

(6) Options: Where contract drawings or specifications allow options, only the option selected for construction shall be shown on the as-built drawings.

(7) Extensions of Design: Although Fire suppression and fire alarm systems shall be added to the BIM model and subject to all of the submission requirements below (including native file submission on CD-ROM), shop Drawings such as structural fabrication and erection drawings and fire alarm systems that will require extensive redrafting effort in order to create an electronic set will not be required to be incorporated into the electronic set. They will be included as an Appendix to the paper copy set and scanned into .PDF format for inclusion on the same CD-ROM as the other electronically submitted set of drawings.

The Contractor shall participate in monthly review meetings with the Contracting Officer's Representative to show the progress made the preceding month and make all required changes. Prior to final construction inspection, the Contractor shall submit one copy of the red lined as-built drawings to the Contracting Officer's Representative for review and approval. The as-built drawings shall be certified as to their correctness by the signature of an authorized representative of the Contractor.

b. AS-BUILT BIM AND DRAWINGS: During construction, the BIMs (in their native format) shall be updated with the contractor provided extensions of design and changes made during construction. Upon Government approval of the Contractor's redlined copy of the as-built drawings, the revisions indicated on the approved paper set of red-lined construction drawings shall be finalized into the BIMs in addition to 2D AutoCAD drawings. Revise/redraft BIMs and AutoCAD drawings for each solicitation drawing and/or amendment drawing to reflect all changes made during construction as indicated by the approved paper red lined notations on the construction drawings. The information contained with the BIMs and AutoCAD drawings must be consistent.

Revisions/redrafting shall match the font styles, sizes, and formats; line weights/thicknesses and styles/types; and all other drafting elements used on the solicitation drawing/amendments. BIMs and AutoCAD drawings shall be updated per the red-lined construction drawings.

Although the contractor is allowed to independently update the model and drawings, the as-built model shall include all necessary intelligence to produce the as-built construction drawings (including but not limited to accurate plans, elevations, building/wall sections and schedules). Contractor shall utilize the original native BIM applications to generate the as-built models. All submitted BIM Models and associated Facility Data shall be fully compatible with the originally furnished model and its corresponding version (e.g., Autodesk Revit 2016). Reference files ARE permitted for BIM models to ensure manageable file sizes.

BIM submittals and content shall conform to the following criteria:

U.S. AIR FORCE BUILDING INFORMATION MODELING MINIMUM REQUIREMENTS
VERSION 2.1. Available at:
https://www.wbdg.org/FFC/AF/AFBIM/AF_Minimum_BIM_Requirements_V2.1.pdf.

The following BIM reviews and BIM and drawing submittals are required:

(1) Progress As-Built Building Information Model (BIM): Periodic quality control meetings or construction progress review meetings shall occur, at a minimum, prior to construction of extension of design elements and draft final model submission 60 days prior to construction completion. Submittal requirements include: 3-D interactive visualization from the Model in Navisworks, Adobe 3D PDF 7.0 (or later), Google Earth KMZ or equivalent format; Contractor-certified written report confirming that consistency checks have been completed, and shall include contract change tracking information; and progress updated BIM model(s). At the review meetings, perform a review of the development of the Model components and Facility Data via a 3-D interactive visualization demonstration from the Model to the user, USACE, and BCE personnel using data format of choice. The redlined drawings shall be available at the review meeting for identification of the changes to clearly demonstrate that the as-built changes have been made in the model. Updated drawing files shall be available for review at progress review meeting as well to illustrate conformance with final as-built requirements.

(2) Final As-Built BIM: Submit two (2) sets of electronic copies (CD-ROM/DVD) of the final Model(s) files reflecting as-built conditions for Government Approval. Submittal shall be provided to the Contracting Officer's Representative not later than ten (10) calendar days after project completion date. Final 3-D visualization submittal in Navisworks shall be provided on th CD-ROM/DVD as part of this submittal.

(3) As-Built Drawings: The contractor shall provide 1 hard copy of as-built construction drawings on Mylar on an ANSI D sheet size and 2 CD ROMs in AutoCAD and PDF. Submittals are to be to the Contracting Officer's Representative not later than ten (10) calendar days after project completion date.

The Contractor shall coordinate with the Eglin AFB 96 CEG drafting section, through the COR, for the version of AutoCAD to provide. All elements shall be incorporated into each as-built drawing file; the use of reference files shall not be permitted for DWG sheet files. Scaled drawings shall provide a bar scale and shall be in Imperial units and not metric. The as-built DWG files shall have the Design model physical features such as floor plans and civil site plans in Model Space. Sheet features such as title blocks, notes, north arrows and scale bar will be in the Layout View (Paper Space). In addition, the Contractor shall include the assigned building number issued by Eglin AFB in the title block and AF FTFA number beneath the word "AS-BUILT" on each sheet.

AutoCAD drawings shall have correct geometry. Segmented lines and arcs shall be made continuous and free of self-overlapping sections, thus decreasing the file size and increasing efficiency within the AutoCAD platform. All AutoCAD data shall be free of topological errors such as slivers, undershoots, overshoots dangles, overlaps, intersections, etc. Area features such as building footprints, parking lots, roadways, and airfield pavements shall be true polyline polygons. Adjacent polygons shall not have gaps or overlaps.

AutoCAD drawings shall be checked for correct spatial projection to one of

the following: North American Datum 1983 Florida State Plane North FIPS 0903 Feet (AutoCAD Code FL83-NF) or Universal Transverse Mercator 1984, Zone 16 North (AutoCAD Code UTM84-16N).

Drawings submitted for approval as-builts shall have all changes incorporated into the final drawings. Drawings shall be free of revision clouds, hand-written notes, scanned in change orders, etc. Each sheet shall be annotated in bold letters near the title block with the date the as-builts were accepted (i.e. AS-BUILT DRAWING 12 APR 2012).

The Contractor shall also furnish a revised index of drawings to match the actual design drawings. The drawing title blocks shall be in a uniform format to match the requirements as presented in the solicitation drawings.

A copy of the final contract specifications shall be provided, in PDF format, on final as-built CDs.

c. Payment: Reference Section 01 32 01.00 10 for as-built cost loading requirements. As-built requirements shall include all requirements of this Appendix, to include all drawing files, BIM Models, and Facility Data.

1.15 CONTRACTOR'S AREA USE PLAN

The Contractor shall submit an Area Use Plan to the Contracting Officer's Representative, for approval, within ten (10) days after receipt of Notice to Proceed. The Area Use Plan shall show the following:

- a. Location of Contractor's sheds and trailers.
- b. Location of all Contractor storage areas.
- c. Location of Contractor staging areas.
- d. Temporary utility tie-ins.
- e. Location of Contractor security fencing.
- f. Location of project sign.
- g. Required telephone service and locations.

1.16 AIR FORCE PROJECT SIGN

The Contractor shall furnish and install a project sign at the location designated by the Contracting Officer's Representative within thirty (30) days after notice to proceed in accordance with EP310-1-6a, attached following this section. Example sign provided, final sign layout to be coordinated with the Contracting Officer's Representative through the Submittal Process.

1.17 SHOP DRAWINGS

Shop Drawings shall be submitted in accordance with Specification Section 01 33 00. Unless otherwise stated, all documents shall be printed or scanned to Portable Document Format (PDF) files of a size suitable for emailing. Files shall be named in accordance with the Unified Guide Specification (UFGS) numbering system. All information including drawings, manufacturer's data, catalog cut sheets, and calculations output

from computer program software shall be printed or scanned to be clearly legible, and capable of being reproduced using a standard desktop or office printer. Manufacturer's data, catalog cut sheets, and calculations output from computer program software shall be configured to print to 8 ½" x 11" paper. Scaled drawings shall be configured to print half-size to 11" x 17". The scale for drawings generated from floor plans shall be no less than 1/8" per foot (1/16" per foot when printed half-size).

1.18 SCHEDULE OF AVAILABLE UTILITIES

Existing utilities are available in the Project area. The utilities are privatized at Eglin AFB. For water, sewer, and power, the Contractor shall provide temporary service back to the connection to the water and sewer, or transformer for power, and the privatization Contractor will connect and later disconnect the temporary utility to the existing system. If medium voltage line extension is required, the Privatization Contractor will perform at a cost to the Contractor. The Privatization Contractor would later retire any pole or transformer that was just for temporary use.

As such, the Contractor is responsible for formally requesting temporary service connection 30 days in advance from the privatization contractors through the COR to obtain these temporary utility connections until permanent utility connections are made. The Contractor is required to provide certified backflow preventers for the water and meters for all utilities, as well as pay all connection charges for temporary utilities and notify each utility provider through the COR when the Contractor is ready to remove the temporary connections distribution lines, meters, and associated paraphernalia. The contact information for connection pricing from these utility providers is as follows:

- a. Water/Sewer: ASUS - POC: Roger Ivison; Telephone (850) 377-0924; Email: roger.ivison@asusinc.com.
- b. Electric: CHELCO - POC: Chris Eddy; Telephone: (850) 307-1229; Email: ceddy@chelco.com.

Once utility connections are made, the amount of each utility service consumed shall be charged to or paid for by the Contractor at prevailing rates charged to the Government, as indicated herein or, where the utility is produced by the Government, at reasonable rates determined by the Contracting Officer. The current utility rates are as follows:

- a. Electric: \$0.0953 per kWh.
- b. Natural Gas: \$6.37 per Dekatherms.
- c. Sewer: \$5.04 per kilo gallons.
- d. Water: \$2.733 per kilo gallons.

1.19 CONTRACTOR SITE ACCESS

All contractors and their employees that require access to any Eglin Air Force Base property, to include all ranges, D51/NAVSCOLEOD, site C-6, Camp Rudder, Duke Field, and 7th Special Forces Group complex, will be required to obtain a picture ID from the Base Pass and ID Office, and wear the ID at all times.

Eglin has implemented a requirement for background checks for all contractors and their employees to obtain Base Passes. Background checks will be performed by 96 Security Forces Squadron (SFS) at the Visitor's Center when the individual arrives to pick up their base pass.

The prime contractor will be required to submit the attached memorandum and unescorted access request of personnel indicating days and hours of access, date of birth and country, driver's license number and state to the US Army Corps of Engineers - Eglin AFB Resident Office. This must be accomplished a minimum of 7 (seven) calendar days before access is required. Contractors may use DoD SAFE to submit base passes to USACE and this is preferred, or via email to the project email address. This process will take a full 7 (seven) days and cannot be expedited in any manner.

For individuals that are not local to the Panhandle area, a background check can be performed by 96 SFS prior to arriving to Eglin AFB. Additional information will need to be provided to USACE/96 SFS and an additional 7 calendar days should be anticipated for performing background checks prior to arrival. Coordinate with USACE Eglin Resident Office for information required.

Sample forms are found at the end of this section.

Note: These procedures are subject to change at the directive of the 96 Security Forces command.

All deliveries, to include concrete, asphalt, and construction material, will be subject to inspection and are required to enter the installation and ranges through the Commercial Vehicle Inspection Gate.

1.20 CONSTRUCTION AND DIG PERMITS

A local permitting procedure is in effect at Eglin AFB for any work which may disrupt aircraft or vehicular traffic flow, base utility services, routine activities of the installation or which may involve subsurface excavation. Contractor must plan and detail any work of this nature sufficiently in advance of the proposed work. An AF Form 103, Base Civil Engineering Work Clearance Request (Appendix U), must be submitted at least 10 (ten) working days in advance of the proposed performance date to the Contracting Officer. Work will not begin until approval has been granted. Forms will be made available to the Contractor at Building 696 on Eglin AFB. This includes soil borings.

1.21 SAFETY MARKINGS ON CRANE BOOMS

All cranes shall have a red strobe light and two flags attached to the end of the boom. The flags shall be 18-inches square and international orange in color. The strobe does not need to be flashing during daylight hours or when the boom is lowered to the ground at night. The strobe shall be flashing when operating during weather in which visibility is reduced or when operating at night. The strobe shall remain flashing if the boom remains elevated at night.

1.22 REQUIREMENTS FOR TEMPORARY CRANES

All cranes used by the Contractor for construction purposes will require

written acceptance for their use by the Contracting Officer's Representative. All requests shall be made seven (7) days in advance of the crane's arrival on the job site and shall include such information as latitude and longitude of the crane location, total operating height, mode of transportation and delivery to the project site, period of use and methods of conforming to all safety and airfield operations procedures. Cranes operating at night shall require a red blinking light at the highest point on the crane boom which conforms to Federal Aviation Administration (FAA) requirements and the SPECIAL CONTRACT REQUIREMENT CLAUSE: AIRFIELD SAFETY PRECAUTIONS. FAA Form 7460-1 shall be completed by the Contractor and filed with the FAA. A copy of Form 7460-1 shall also be submitted to the Contracting Officer's representative.

An FAA Form 7460-1 may be required to be completed by the Contractor and filed with the FAA. If required, a copy of Form 7460-1 shall also be submitted to the Contracting Officer's representative. Contractor is responsible for obtaining all necessary FAA Permits for erection of temporary structures.

Address to submit FAA Form 7460-1 is:

Federal Aviation Administration
Southern Regional Office
Air Traffic Division, ASO-530
P.O. Box 20636
Atlanta, GA 30320

Address of the Southern Region Office is:

Southern Region Office
Air Traffic Division, ASO-530
1710 Columbia Avenue
College Park, GA 30337
Tel. 404-305-5585

1.23 CONSTRUCTION MATERIALS

All construction materials shall remain in the designated staging area until ready for use. Storage of materials in areas other than the designated area will not be allowed.

1.24 EQUIPMENT LAYOUT DRAWINGS

The Contractor shall submit "layout drawings" in plan and necessary elevation, of all mechanical, electrical, heating, and ventilating equipment space(s) showing the proposed equipment, ductwork, piping, conduits, etc., with clearances, for approval of the Contracting Officer, whether or not such layout drawings are specified under the various technical sections of the specifications. In spaces having more than one type of equipment, the layout drawings shall indicate the composite arrangement of all types of equipment and all associated work with all clearances. The layouts of equipment and associated work shall provide adequate and acceptable clearances for entry, servicing, and maintenance. The submittal and approval of equipment layout drawings shall conform to the requirements as herein before specified for shop drawings. Should the Contractor propose to furnish any equipment or standard products requiring allocations of space, or electrical, mechanical, or piping connections thereto, or supports different from those shown or indicated on the plans or in the specifications, he shall prepare and submit full detail drawings

to the Contracting Officer for approval showing all changes. The approved detailed drawings shall become a part of the contract and any changes in the construction resulting from revisions in the details and dimensions on the drawings which are required by the substitution of alternate equipment and/or products shall be made at the expense of the Contractor.

1.25 CERTIFICATES OF COMPLIANCE

Each certificate shall be signed by an official authorized to certify on behalf of the manufacturing company and shall contain the name and address of the Contractor, the project name and location, and the quantity and date or dates of shipment or delivery to which the certificates apply. Copies of laboratory test reports submitted with certificates shall contain the address of the testing laboratory and the date or dates of the tests to which the report applies. Certification shall not be construed as relieving the Contractor from furnishing satisfactory material, if, after tests are performed on selected samples, the material is found not to meet the specific requirements.

1.26 EQUIPMENT DATA

(a) Major Equipment. The Contractor shall be required to make a list of all installed new equipment furnished under this contract. This list shall include but not be limited to each piece of equipment which has a serial number. This list shall include all information usually listed on the manufacturer's name plate, so as to positively identify the piece of property. This list shall also include the cost of each piece of installed property (less installation costs) F.O.B. construction site. The above referenced list shall be furnished as soon as possible after equipment is purchased. The list shall be furnished as one (1) electronic copy and shall be furnished to Contracting Officer not later than thirty calendar days prior to completion of any segment of the contract work which has an incremental completion date. Listing will be on Government furnished MOB Form 897, available from the Contracting Officer.

(b) Other Equipment. The Contractor will be required to furnish a brochure, catalog cut, parts list, manufacturer's data sheet or other publication (including the manufacturer's name and address) which will show detailed parts data on all other equipment, such as hardware, plumbing and lighting fixtures, etc., subject to repair and maintenance procedures. The data shall be furnished in one (1) electronic copy to the Contracting Officer not later than thirty calendar days prior to completion of any segment of the contract work which has an incremental completion date.

1.27 FACILITY ENVIRONMENTAL REQUIREMENTS

Acceptable environmental conditions shall be established prior to installation of any temperature or humidity sensitive finishes, such as but not limited to drywall, paint, casework, carpet and tile, acoustical ceiling tile, etc. Acceptable environmental conditions shall be established at least 24 hours prior to the start of finish installation. Monitor, document, and maintain environmental conditions daily, or more frequently as needed, throughout the remainder of construction to ensure that there is no damage to installed work due to unacceptable temperature or humidity levels. Where requirements vary for different finishes the most stringent shall be maintained. Minimum standards shall be maintained to ensure that mold growth does not occur. Finishes damaged due to unacceptable temperature or humidity levels shall be replaced in their

entirety at no additional cost to the Government.

1.28 ASBESTOS MATERIALS AND LEAD BASED PAINTS

The Contractor shall not use materials containing Asbestos or Lead Based Paints in the construction of this facility. Upon completion of the construction, the Contractor shall submit one (1) electronic copy of an Asbestos and Lead Based Paint Certification Letter to the Contracting Officer's Representative (COR) stating that no lead based paints or materials containing asbestos were used in the construction of the new facilities.

1.29 ELECTRONIC MAIL SYSTEM

The Contractor shall provide and maintain for the life of this contract an electronic mail system which shall interface, connect to and be compatible with the existing electronic mail system in the Corps of Engineers Resident Office at Eglin AFB, FL. The Contractors electronic mail system shall transfer and receive correspondence between the Resident Office without loss or modification of formatting codes or special characters.

The Resident Office is currently utilizing Exchange/MS Outlook for Windows and is Internet accessible. The Corps Internet E-mail gateway accepts binary files in uuencoded format. Any files that cannot be sent via email due to file size should be sent via DoD Safe. .

During construction, all Requests For Information (RFIs) and contract correspondence including field sketched drawings shall be transmitted to the Corps of Engineers Resident Office at Eglin AFB, FL. in an electronic format. The RFIs shall be saved into a ".pdf" format using Adobe Acrobat software, latest version. A project-specific email inbox will be provided at the beginning of the contract. All official email traffic should be sent to this inbox.

The Contractor's electronic mail system shall have the capability of sending and receiving text, graphic, and drawing files developed on the following software:

- 1) Microsoft Word, Version 2003 or newer
- 2) WordPerfect, Version 12.0
- 3) AutoCAD, Version 2008 or newer
- 4) Adobe Acrobat, Version 6.0 or newer

The Contractor shall bear the responsibility to ensure total hardware and software compatibility with the Government's system when transferring and receiving information.

1.30 TESTING AND BALANCING FOR HVAC SYSTEMS

The Construction Contractor shall retain the services of an Independent Firm for Testing and Balancing (TAB) HVAC Systems as specified in SECTION: TESTING, ADJUSTING, AND BALANCING. Firm shall be either a member of the Associated Air Balance Council (AABC) or certified by the National Environmental Balancing Bureau (NEBB). The TAB Firm shall be a subcontractor of the prime contractor, and shall report to and be paid by the prime contractor.

1.31 LAYOUT OF WORK

The Contractor shall lay out its work from Government-established base lines and bench marks indicated on the drawings, and shall be responsible for all measurements in connection with the layout. The Contractor shall furnish, at its own expense, all stakes, templates, platforms, equipment, tools, materials, and labor required to lay out any part of the work. The Contractor shall be responsible for executing the work to the lines and grades that may be established or indicated by the Contracting Officer. The Contractor shall also be responsible for maintaining and preserving all stakes and other marks established by the Contracting Officer until authorized to remove them. If such marks are destroyed by the Contractor or through its negligence before their removal is authorized, the Contracting Officer may replace them and deduct the expense of the replacement from any amounts due or to become due to the Contractor.

1.32 PAYMENT FOR MATERIALS DELIVERED OFFSITE

a. Pursuant to FAR Clause 52.232-5, "Payment Under Fixed-Price Construction Contracts," materials delivered to the Contractor at locations other than the site of the work may be taken into consideration in making payments if included in payment estimates and if all the conditions of the contract clauses are fulfilled. Payment for items delivered to locations other than the work site will be limited to (1) materials required by the technical provisions; or (2) materials that have been fabricated to the point where they are identifiable to an item of work required under this contract.

b. Such payment will be made only after receipt of paid or receipted invoices or invoices with canceled check showing title to the items in the prime contractor and including the value of materials and labor incorporated into the item. Petroleum products, including fuel, will be considered for payment as a material delivered offsite.

1.33 COORDINATION CONFERENCES

Weekly coordination conferences will be held by the Contracting Officer's Representative and the Contractor throughout the life of this contract. Coordination conferences will be held to discuss contract administration, Contractor quality control, phasing, scheduling, and other aspects relating to this construction. The Using Agency, Corps of Engineers and the Contractor will be represented at each of these meetings. Similar information concerning replacement personnel shall be forwarded to the Contracting Officer's Representative, should any replacement be required at any time during the life of this contract. Coordination conferences will be scheduled to occur on a weekly basis. The Contractor shall develop the Meeting Minutes for each Coordination conference. A copy of the meeting minutes shall be provided to the Corps and all attendees via e-mail no later than 48 hours after each meeting. The Contractor shall develop and maintain a list of action items that arise during construction or at each Coordination Conference. The Action Items list shall describe each Issue/Action Item and state what organization/person is tasked with its resolution. Blanks, or cells, shall be provided for dates when the Issue/Action Item was first raised, the due date for its resolution, and the date of actual resolution.

1.34 PERMITS AND RESPONSIBILITIES

The Government has obtained the following applicable permits/permit

applications related to the design and construction of this project:

- a). FDEP 10-2 Stormwater Permit.
- b). Joint Application for Individual and Conceptual Environmental Resource Permit/Authorization to Use State-Owned Submerged Lands/Federal Dredge and Fill Permit, submitted to FDEP/Water Management Districts/U.S. Army Corps of Engineers.

The contractor will be required to obtain the as-built certifications for the permits identified above and submitting to the district/FDEP for permit closeout/transfer. The Contractor shall utilize a professional engineer to monitor the construction activities for stormwater improvements per the conditions of the approved permit. A professional engineer is required by permit conditions to submit the construction completion permits to the permitting agency. Accordingly, the contractor will be responsible for fully coordinating with the Contracting Officer regarding information for as-built certifications, properly executed, as required by each individual permit.

ASUS will obtain and close-out, upon completion, the following permits/permit applications related to the design and construction of this permit:

- a) Notice of Intent to Use the General Permit for Construction of Water Main Extensions for PWSs.
- b) Notification/Application for Constructing a Domestic Wastewater Collection/Transmission System.

The construction contractor will obtain and close-out, upon completion, the following applicable permits/permit applications related to the design and construction of this project:

- a) NPDES Notice of Intent

1.35 CONSTRUCTION DEBRIS DISPOSALS

Cleared trees, limbs and other vegetation shall be disposed of at an approved disposal site off Government controlled lands.

All other construction debris shall be disposed of at an approved disposal site off Government controlled lands.

1.36 HAZARDOUS MATERIALS AND WASTES MANAGEMENT

All hazardous materials and waste resulting from the construction of this project shall be managed in accordance with local, state, federal and Eglin AFB rules and regulations. All universal waste such as spent fluorescent lamps, batteries, mercury thermostats, smoke detectors, and mercury switches must be managed and handled in accordance with the above-mentioned directives. Hazardous materials and waste such as fuels and oils of all types, used tires, computer monitors, all electronic devices, aerosol spray cans (including empties), paints, adhesives, corrosives, nonflammable and noncorrosive cleaners, hydraulic fluid, antifreeze, etc. must be managed in accordance with above-mentioned compliance agencies. The Contractor's Quality Control Manager shall contact COR and 96 CEG/CEV if handling procedures for hazardous waste and materials is unclear.

The use of fuel storage tanks on Base must be approved by the 96 CEG/CEV. Temporary gasoline storage will NOT be permitted on Base. Any tank, container, or equipment with an oil or fuel capacity of 55 gallons or more approved for use on Eglin AFB shall have a means of secondary containment, spill containment (spill kits), and/or spill procedures in place that prevents the flow of spilled oil or hazardous materials into navigable waters.

Contractor vehicle and heavy equipment maintenance (including oil changing, lubrication, and vehicle washing) is not authorized on base.

1.37 HAZARDOUS OR TOXIC MATERIAL SPILLS

Within ten (10) days of Notice To Proceed (NTP), the Contractor shall prepare a Spill Prevention Control and Countermeasures (SPCC) Plan in accordance with CFR 40 Part 112 to address spill prevention and countermeasures for tanks and heavy equipment used on Base.

Any fuel, oil, hydraulic fluid, chemical, or other hazardous or toxic material spill on Eglin AFB shall be reported to the Base Fire Department by phoning "911", or to 96 CEG/CEV through the Contracting Officer's Representative regardless of the amount.

1.38 RECYCLING OF HAZARDOUS OR TOXIC MATERIALS

All fluorescent, metal halide, mercury, or high pressure sodium lighting bulbs or tubes, fluorescent ballasts, smoke detectors, and mercury switches/thermostats identified for disposal shall be turned in to 96 CEG/CEV for recycling. The contractor shall call 96 CEG/CEV for a turn-in appointment (normally Tuesdays and Thursdays). Each type of the items listed above shall be separated and placed in containers capable of being closed properly. Fluorescent tubes shall not be taped together. If the original container is not available, the Contractor shall use a box as close as possible to the size of the original container. A stick-on label must be placed on each box describing the contents. The labels can be hand-written or computer generated. The Contractor shall refrain from breaking lamps, however, broken lamps should be collected as well.

1.39 BURIED PIPING AND UTILITIES

The Contractor shall provide a tracer wire on the top of all non-metallic piping, conduit or other underground utilities buried 6-inches below finished grade or deeper. The tracer wire shall be magnetic detectable conductor, brightly colored plastic covering, imprinted with the type of service in large letters. Contractor shall submit for approval product data on the tracer wire to be used.

1.40 EXISTING ROADWAYS

The construction contractor shall limit construction loads as necessary to avoid damaging the existing roads. Prior to starting construction, the Contractor shall make a joint inspection of existing roads with Contracting Officer's Representative and document the condition of these roads in a report and a video tape. Video tape shall be provided to COR within 10 days of inspection. Damage to existing roads caused by contractor equipment during construction shall be repaired by the construction contractor at the conclusion of construction at no additional cost to the Government.

1.41 PROTECTION OF ENVIRONMENTALLY SENSITIVE AREAS/ENDANGERED SPECIES

The construction site, as well as the surrounding area, contains species currently considered endangered. These include, but are not limited to Red Cockaded Woodpeckers. The contractor's project manager, superintendent, quality control manager and back-up to the Q/C manager shall attend a briefing at the Jackson Guard to learn to identify these endangered species. Points of Contact are Mr. Jeremy Preston, (850)883-1153, and Ms. Amanda Robydek, (850) 882-8395, or the Contracting Officer.

1.41.1 Gopher Tortoise Survey

A gopher tortoise survey shall be required. The General Contractor shall contact Eglin Natural Resources (Jackson Guard) to arrange for the survey to take place within 30 days of ground disturbing activities. The Survey shall be conducted by Eglin Natural Resources staff. Point of Contact is Wayne Pittman, 96 CEG/CEIEA, 978-1260 or Rodney Felix, 96 CEG/CEIEA, 883-1153. If contact cannot be made, consult with the Contracting Officer's Representative. If tortoise burrows are found to conflict with the proposed project site, and burrows cannot be avoided by at least 25 feet, the tortoise(s) must be relocated. Note that tortoises cannot be relocated if the forecasted low temperature is below 50 degrees for 3 consecutive days. The actual tortoise relocation will be executed by Eglin Natural Resources staff.

1.42 TESTING AND INSPECTING

The following statement replaces paragraphs found in the technical specifications for all buildings and aspects of the project calling for the Government or Owner to engage and pay for Testing and Inspecting:

Contractor will engage and pay for qualified independent testing and inspecting agencies to perform field tests and inspections and prepare reports as required in specification sections that require such tests. The Contracting Officer or their Representative shall not be responsible for engaging the services.

1.43 BRAND NAMES OR EQUAL PRODUCTS

The Contractor may provide alternate products equal to those specifically referenced by brand name in the specifications. The alternate products shall fully meet the salient characteristics of the brand name products as described in the specifications to be considered equal. The Contractor shall submit the alternate products showing the salient characteristics for Government Approval after award in accordance with Section 01 33 00 Submittal Procedures.

1.44 RED ZONE MEETINGS

The contractor shall have a series of pre-final construction Red Zone Meetings to discuss, define and achieve consensus on the construction and financial status of the project. The ultimate goal is to build a schedule of events necessary to achieve project completion and financial closeout in keeping with Air Force Execution Goals. These goals are to complete projects within original budget, complete projects within original schedule, physical completion within 90 days of BOD and financial closeout within 180 days of BOD.

a. Red Zone Meetings shall be started 90 days prior to the expected completion of a facility, or when the facility reaches 80% completion.

b. The Red Zone process initiates the Enterprise Business Process (EBP), which the Corps of Engineers utilizes for the closeout of MILCON projects (USACE MILCON Project Closeout, Enterprise Business Process, October 2007, Final Version.).

c. Completion Milestones. The red zone meeting establishes milestone estimated completion dates and OPRs for all the actions necessary to complete the project. It indicates all remaining activities including the Action Officer, the date due, the status, the actual completion date and any comments.

1.45 SUBMISSION OF INTERIM DD FORM 1354 - TRANSFER AND ACCEPTANCE OF MILITARY REAL PROPERTY

Using the blank DD Form 1354 provided at the end of this section, the Contractor shall submit an Interim DD Form 1354. Using this Interim DD Form 1354, the Contractor shall submit the Interim DD Form 1354 for the project no later than thirty (30) days prior to the Beneficial Occupancy Date (BOD). Category Code numbers found on the DD Form 1354 Checklist provided at the end of this section shall be used in completing the Final DD Form 1354. Additional Category Codes can be found in the publication entitled "Air Force Real Property Category Code Descriptions" which can be obtained from the Directorate of Technical Support, Air Force Civil Engineer Support Agency, Tyndall AFB, FL 32403-5319.

1.46 CORRESPONDENCE AND ELECTRONIC COMMUNICATION

For ease and speed of communications, both the Government and Contractor shall exchange correspondence and all other documents in electronic format unless otherwise stated in the specifications. Electronic submission will be accomplished by the following methods: email and through the Resident Management System - Contractor Mode (RMS-CM) software. Format for electronic submissions will be in portable document format (.pdf). Documents include all general correspondence, administrative plans, all material submittals including shop drawings, progress schedules, submittal registers, requests for information (RFIs), Quality Control (QC) test results, pay requests, etc. Anything submitted via RMS-CM shall be emailed to the corresponding project email inbox.

Where effective receipt dates are required, the date the submission is received in the project email inbox and through RMS-CM will be the receipt date. Correspondence, submittals, pay requests, etc. will not be marked received until it is received in both locations.

1.47 RATES OF WAGES

Wage rates are included at the end of this section.

PART 2 PRODUCTS (NOT APPLICABLE)

PART 3 EXECUTION (NOT APPLICABLE)

-- End of Section --