

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE _____ PAGE _____ OF _____ PAGES

2. AMENDMENT/MODIFICATION NO. _____ 3. EFFECTIVE DATE _____ 4. REQUISITION/PURCHASE REQ. NO. _____ 5. PROJECT NO. (If applicable) _____

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) _____ (X) 9A. AMENDMENT OF SOLICIATION NO. _____
 9B. DATED (SEE ITEM 11) _____
 10A. MODIFICATION OF CONTRACT/ORDER NO. _____
 10B. DATED (SEE ITEM 11) _____
 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 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 your 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 ONLY APPLIES TO MODIFICATION 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 _____ copies to the issuing office.

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

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) _____
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA _____ (Signature of Contracting Officer)
15C. DATE SIGNED _____	16C. DATE SIGNED _____

Item 14. Continued.

CHANGES TO PROPOSAL RECEIPT DATE

1. Standard Form 1442, First Page, Item No. 13.A.- In the second line, change the proposal receipt date from "1 November 2001" to "2 November 2001". The time of receipt remains 4:30 p.m. local time.

CHANGES TO VOLUME II DESIGN AND PERFORMANCE REQUIREMENTS

2. Replacement Chapters - Replace the following chapter with the accompanying new chapter of the same number and title bearing the notation "ACCOMPANYING AMENDMENT NO. 0002 TO SOLICITATION NO. DACA63-02-R-0001:"

Section 00830 DESIGN AND CONSTRUCTION PROCEDURES

3. Chapter A13 Page 1: Chapter A13 - FLOORS ON GRADE is deleted. Replace this page with the accompanying new page 1 bearing the notation "ACCOMPANYING AMENDMENT NO. 0002 TO SOLICITATION NO. DACA63-02-R-0001."

CHANGES TO VOLUME III SPECIFICATIONS

4. Section 00120, PROPOSAL SUBMISSION REQUIREMENTS: Replace this Section with with the accompanying new section of the same number and title, bearing the notation "ACCOMPANYING AMENDMENT NO. 0002 TO SOLICITATION NO. DACA63-02-R-0001."

CHANGES TO VOLUME IV ATTACHMENTS

5. Attachment F, FORT POLK ASBESTOS INSPECTION REPORT: Replace Attachment F with the accompanying new Attachment F bearing the notation "ACCOMPANYING AMENDMENT NO. 0002 TO SOLICITATION NO. DACA63-02-R-0001."
6. Attachment H DD FORM 1354, SAMPLE, AND CATEGORY CODES: After DD Form 1354, add the accompanying sample and Category Codes, each bearing the notation "ACCOMPANYING AMENDMENT NO. 0002 TO SOLICITATION NO. DACA63-02-R-0001." These Category Codes replace the Category Codes file (1354code.pdf) that is located on the Solicitation CD-ROM disk in folder "specs\Vol4DD_1354."
7. Attachment K LIFE CYCLE COST ANALYSIS HVAC SYSTEMS: Replace Attachment K with the accompanying new Attachment K bearing the notation "ACCOMPANYING AMENDMENT NO. 0002 TO SOLICITATION NO. DACA63-02-R-0001."

8. Attachment Q, Drawings:

- a. Replacement Drawings.- Replace the New Work drawings listed below with the attached new drawings(s) of the same number, bearing the notation "AM #0001":

<u>File Name</u>	<u>Sequence No.</u>	<u>Title</u>
g-000.pdf	G-000	COVER SHEET
g-001.pdf	G-001	INDEX AND PROJECT LOCATION
c-101top.pdf	C-101	TOPOGRAPHIC MAP

c-102swr.pdf	C-102	EXISTING SEWAGE MAP
c-103wtr.pdf	C-103	EXISTING WATER DISTRIBUTION MAP
c-104elc.pdf	C-104	EXISTING ELECTRICAL DISTRIBUTION MAP
c-105com.pdf	C-105	EXISTING COMMUNICATIONS LINES MAP
c-106stm.pdf	C-106	EXISTING STORM DRAINAGE MAP
c-107gas.pdf	C-107	EXISTING GAS DISTRIBUTION MAP
a-101.pdf	A-101	REMODEL OF BUILDING 350
a-102.pdf	A-102	ENLARGED SITE PLAN
a-103.pdf	A-103	FIRST FLOOR PLAN
a-104.pdf	A-104	SECOND FLOOR PLAN
a-105.pdf	A-105	THIRD FLOOR PLAN
a-106.pdf	A-106	FOURTH FLOOR PLAN
a-107.pdf	A-107	FIFTH FLOOR PLAN
a-108.pdf	A-108	STACKING DIAGRAM
a-209.pdf	A-209	ENLARGED ENTRY AND FRONT ELEVATIONS
m-101.pdf	M-101	FIRST FLOOR PLAN - HVAC ZONING
m-102.pdf	M-102	SECOND FLOOR PLAN - HVAC ZONING
m-103.pdf	M-103	THIRD FLOOR PLAN - HVAC ZONING
m-104.pdf	M-104	FOURTH FLOOR PLAN - HVAC ZONING
m-105.pdf	M-105	FIFTH FLOOR PLAN - HVAC ZONING
s-101.pdf	S-101	STRUCTURAL FIRST FLOOR PLAN
s-102.pdf	S-102	STRUCTURAL SECOND FLOOR PLAN
s-103.pdf	S-103	STRUCTURAL THRID FLOOR PLAN
s-104.pdf	S-104	STRUCTURAL FOURTH FLOOR PLAN
s-105.pdf	S-105	STRUCTURAL FIFTH FLOOR PLAN

END OF AMENDMENT

CHAPTER 00830 - DESIGN AND CONSTRUCTION PROCEDURES**MANAGEMENT AND COORDINATION**

- A. Coordination with Fort Polk DPW:
 - 1. Existing Utility, Life Safety, and Fire Safety System Elements:
 - a. No disruption of services to areas that continue to be occupied during hours during which they are occupied; all disruptions arranged at least 24 hours in advance with Government.
 - b. Prevent accidental disruptions to facilities outside the project limits by investigation of existing utilities and protection during construction; remedy accidental disruptions at no cost to Government.
- B. Existing Building(s):
 - 1. Emergency Exits Required by Code: Maintained open during construction period, unless alternate means of egress acceptable to local authorities are provided.
 - 2. Existing Entrances: Maintained open during construction period; protected from weather, kept clear of construction debris and stored materials, and with safe walking surfaces.
- C. Changes In The Work:
 - 1. See Contract Clauses for procedures.
- D. Progress Schedule: As specified in the Contract Clauses and Section 01320 PROJECT SCHEDULE.
- E. Progress Documentation for Government Information:
 - 1. During Preliminary Design, Design Development, and Construction Documents Periods: Graphic displays sufficiently detailed to allow Owner and User to identify the status of the construction of the new spaces.
 - 2. During Construction and Closeout: Photographs and graphic displays sufficiently detailed to allow individual departments to identify the status of the construction of their new spaces.
 - 3. See Section 01015 DESIGN REQUIREMENTS AFTER AWARD.

QUALITY REQUIREMENTS

- A. Design Criteria: During Preliminary Design, the design and performance criteria must be refined, finalized, and documented.
 - 1. Government will appoint representatives of the following departments to provide details of functional needs. See Section 01310 PROJECT MEETINGS:
 - a. Commander, Garrison Commander and Directorates.
 - b. Users groups.
 - c. Operations staff.
 - d. Maintenance staff.
 - 2. Design Documentation: Record all design and performance criteria that will be of use during occupancy and operation of the project, including all items specified for maintenance manuals, below.
 - a. Design Criteria Documentation Included in Construction Documents: Organized logically (from the point of view of operations staff) and placed in a prominent location in drawing sets.
 - b. If desired, documentation may consist of annotated modifications to and amplification of the Conceptual Documents, with changes that affect Contract Times or Contract Price documented as required for modifications.
 - c. If required, shop drawings may be used to accomplish design documentation.
 - d. Government will maintain the project program document, modified to reflect changes made

- during refinement of the design.
 - e. Drawings: Prepared using Bentley MicroStation CAD software, using Government's specified drawing and layering conventions.
 - f. Shop Drawings: Prepared using same CAD software.
 - g. Mock-Ups: Where necessary to clarify design intent and obtain approvals, construct full-scale mock-ups.
- B. Substantiation Submittal Procedures:
 1. Time Frames: As specified. If there is a conflict between the degree of detail or completion specified and the progress of the design or construction, obtain a clarification before submitting.
 2. Submit complete sets of documents containing all substantiation as required by Section 01015:
 - a. Preliminary Design period (60% Submittal).
 - b. Construction Documents period (100% Submittal).
 3. Resubmissions: Clearly identified as such, with all changes made since the original submittal clearly marked.
- C. Government's Review of Substantiation: Unless otherwise indicated, Government will make formal acceptance of substantiation submittals.
 1. If a submittal is not acceptable Government will notify Contractor within 30 working days.
 2. Allow minimum of 30 working days for review of major "end of period" submittals.
- D. Substantiation Schedule: Prepare and maintain a complete schedule of substantiation items, showing:
 1. Contents, for each item:
 - a. Anticipated and actual item, with Chapter and paragraph number and drawing identification, if any.
 - b. Anticipated submittal date, or time period(s) during which submittal is required.
 - c. Actual submittal date.
 - d. Action taken or other status.
 - e. Identification of future re-submission requirement, if any.
 2. If desired, schedule may be incorporated into overall progress schedule, provided substantiation data can be reported separately from other progress information.
 3. Submission: To Government, within 30 days after notice to proceed.
 4. Form: Computer database format for Government's use in tracking submittals; database structured so Government's added information will not be overwritten or deleted by incorporation of updated data from Contractor.
 5. Updates: To Government, monthly in hard copy.
- E. Field Testing and Inspection: Perform all testing, observation, and inspection required by code and as specified.
 1. Qualifications of Testing/Inspection Agencies:
 - a. Qualified and equipped to perform applicable tests/inspection.
 - b. Regularly engaged in testing and inspection activities on a commercial basis.
 - c. Independent of Contractor and his contractors' organizations.
 - d. Employed by Contractor directly.
 - e. Authorized to operate in the State in which the project is located.
 - f. Acceptable to Government.
 - g. Substantiation: Submittal of qualifications, based on ASTM E 329 and ASTM E 548.
 2. Reports: Written report of each test/inspection; including complete details of conditions,

methods, and results, signed by responsible individual.

- F. Reference Standards: Where products or workmanship is specified by reference to a document not included in the Contract Documents, comply with the requirements of the document, except where more stringent requirements are specified.
1. Date of Issue: As indicated in each instance except where a specific date is established by code.
 2. Copies on Site: Keep copies of referenced standards that prescribe installation or workmanship standards on site until completion.

TEMPORARY FACILITIES AND CONTROLS

- A. Government will provide the following:
1. Electrical power and metering, consisting of connection to existing facilities.
 2. Water supply, consisting of connection to existing facilities.
 3. See Section 01000 DESIGN AND CONSTRUCTION SCHEDULE.
- B. New permanent facilities may be used during construction.
- C. Existing facilities may be used; specifically:
1. Parking lots.
 2. Existing toilets on a temporary basis before final demolition.
- D. Vehicular Access and Parking: Comply with regulations relating to use of streets and sidewalks, access to emergency facilities, and access for emergency vehicles.
- E. Traffic Controls: Provide traffic controls appropriate to the stage of construction to prevent accidents.
- F. Security: Protect the work, existing facilities, and Government's operations from unauthorized entry, vandalism, and theft by Contractor employees.
- G. Dust Control:
1. Exterior: Minimize raising dust, preventing dispersal of air-borne dust into atmosphere and over adjacent property.
 2. Interior:
 - a. Provide dust-proof enclosures to prevent entry of dust generated outdoors.
 - b. Provide dust-proof barriers between construction areas and areas continuing to be occupied by Government.
- H. Noise Control: **(AM#2) No restrictions.**
- I. Waste Control: Provide waste storage and removal as required to maintain site in clean and orderly condition.
1. Disposal of Waste Off-Site: See Section 01410 ENVIRONMENT PROTECTION.
 2. Waste Removal Service: Daily; including dumpsters.
 3. Prohibited: Open free-fall chutes; containers without lids.
- J. Pest and Rodent Control:
1. Pest Control Service: Monthly treatments.
- K. Pollution Control: Comply with federal, State, and local regulations.

- L. Project Identification Sign: By Contractor to Government's design.
 - 1. No other signs allowed on site without Government's permission except those required by law.
- M. Removal of Temporary Facilities, Utilities, and Controls: Prior to Substantial Completion; including clean up, restoration of existing facilities used to original condition, restoration of permanent facilities used to specified condition, and repair of damage.
- N. See Division 1 Sections 01500 TEMPORARY CONSTRUCTION FACILITIES, 01560 TEMPORARY SAFETY CONTROLS, and 01580 BULLETIN BOARD AND SAFETY SIGN for additional requirements.

PRODUCT REQUIREMENTS

- A. See Chapter 111 for general requirements for product options and substitutions.

EXECUTION

- A. Health and Safety:
 - 1. Removal, abatement, handling, and disposal of hazardous materials will comply with 29 CFR 1926 and state and local regulations.
 - 2. Use physical barriers to prevent access to areas that could be hazardous to workers or the public.
 - 3. Substantiation:
 - a. Proposal: Summary of health and safety plan.
 - b. Design Development: Identification of hazards in existing structures and on site, with preliminary plan for abatement.
 - c. Construction Documents: Detailed specifications for hazardous material removal, abatement, and disposal.

COMMISSIONING

- A. Commissioning: Placing the project into full and proper operation, including starting and adjusting equipment and systems, functional performance testing, otherwise demonstrating compliance with Contract Documents, correcting defects, and obtaining permits.
 - 1. Prerequisites: Design criteria documentation and recording of all changes to Contract Documents.
 - 2. Unless otherwise indicated, Contractor is responsible for all commissioning activities.
 - 3. Commissioning activities may take place at any time after completion of the element to be commissioned.
 - 4. All commissioning activities must be complete before the end of Closeout, unless specifically excepted.
 - 5. Maintenance Manuals: Ready for use during applicable commissioning activities.
- B. Functional Performance Testing: Test all functions of system, all components of system, and interfaces between systems, including all modes of operation, conditional controls, and reactions to emergency conditions.
 - 1. Description in Commissioning Plan: Each function to be tested described separately.
 - 2. Systems Composed of More Than One Item of Equipment: Individual components tested for proper operation and interconnection before beginning system testing (e.g. "point-to-point" testing).
 - 3. See substantiation requirements in other Chapters for specific items to be tested and tests

- required.
4. Testing Agency Qualifications: As specified in this chapter under Quality Requirements.
 5. Government will witness tests and prepare defect reports.
 6. Detailed test reports are to be by Contractor, showing test criteria, methods, and results.
- C. Demonstration: For each equipment item or system for which functional performance testing by Contractor is not specified, demonstrate all operational modes to Government at time acceptable to Government; if defects occur during demonstration, demonstration must be rescheduled for a time acceptable to Government.
- D. Commissioning Plan: Prepare complete plan and schedule of all commissioning activities, including those by Government and code authorities; include all field tests and inspections, functional performance tests, demonstrations, and permit inspections and tests.
1. Contents: For each commissioning activity indicate:
 - a. Entity performing activity.
 - b. Prerequisites, such as type of design information required, prior testing, etc.; identify in schedule as separate tasks.
 - c. Functions to be tested or inspected.
 - d. Methods of test or inspection, conditions required, and other procedures; if methods are not specified, identify methods that will demonstrate compliance with Contract Documents with satisfactory repeatability by others.
 - e. Equipment required.
 - f. Results required.
 2. Schedule commissioning activities at the optimum time, to avoid unnecessary uncovering of work, retesting due to inadequate preparation, and duplication of effort.
 3. If desired, schedule may be incorporated into overall progress schedule or substantiation schedule, provided commissioning tasks can be reported separately from other progress information.
 4. Submission: To Government; within 30 days after notice to proceed.
 5. Form: Computer database format for Government's use in tracking submittals; database structured so Government's added information will not be overwritten or deleted by incorporation of updated data from Contractor.
 6. Updates: To Government monthly in hard copy.
- E. Commissioning Reports: Submit a report for each commissioning activity that involves inspection, observation, or testing of construction, on a standard form that identifies the project.
1. Timing: Submitted within 7 calendar days after completion of the activity; for activities that are prerequisites for other activities to be witnessed by Government, satisfactory report submitted prior to start of witnessed activity.
 2. Contents:
 - a. Identification of activity, including element/system involved, date/time.
 - b. Entity performing activity; other persons present.
 - c. Prerequisites required and accomplished.
 - d. Procedures or methods of testing.
 - e. Results required and results achieved.
- F. Government-Conducted Commissioning Activities:
1. Government will assign a staff member to manage the commissioning process beginning during Preliminary Design and to perform the following commissioning activities:

- a. Review of design criteria documentation for completeness.
 - b. Review of Contractor's commissioning plan and specifications.
 - c. Review of qualifications of Contractor's testing agencies.
2. Government, Government's staff, or consultants will perform the following commissioning activities:
 - a. Inspection just prior to Substantial Completion, including preparation of Government's punchlist.
 - b. Inspection prior to final payment.

CLOSEOUT SUBMITTALS

- A. Maintenance Manuals: Assemble system design information, operation and maintenance data, and copies of warranties into manuals, organized by functional system (e.g. plumbing, HVAC, etc.) or material type (e.g. flooring, wall finishes, etc.) as appropriate using specification numbers where applicable.
 1. Binders: 3-ring, D-ring, with hard cover, project title on spine, Table of Contents in each volume, and stiff dividers with labeled tabs; contents divided into logical binders not more than 3 inches thick.
 2. Directory: Names, addresses, telephone numbers, of all design and construction entities, including subcontractors and suppliers, with names of products supplied.
 3. Software-Operated Systems and Equipment: Detailed program documentation, a general review of the programming approach, description of use on this project, and description of possible user-modifications.
 4. Drawings: Bound into manuals, folded to size of binder.
 5. Product Listing: Manufacturer's brand name for each major product actually installed, in alphabetical order by generic product name, cross-referenced to specification numbers and Table of Contents of manuals.
 6. Warranties: Photocopies of originals.
 7. Videotapes of training sessions.
 8. See **(AM#2) Division 1 Section 01770 CONTRACT CLOSEOUT** for additional requirements for contents of operation and maintenance data.
- B. Project Record Documents: During construction maintain on site one set of all documents forming the contract, including drawings, recording all changes made by addenda, by formal modifications, and in performing the work, for Government's future reference.
 1. Storage: Separately from documents used for construction, in location where they can be kept clean and safe from fire and damage.
 2. Changes to be Recorded Include:
 - a. Actual measured locations and ends of existing and abandoned below grade utilities.
 - b. Actual measured locations (horizontal and vertical) of foundations and concealed utilities and appurtenances, referenced to visible permanent appurtenances.
 - c. Field changes of dimension and detail and details not on original documents.
 - d. Actual products used, in specification, with brand name or model number.
 3. Submittal Copy of Drawings: All marks copied to a copy of the original CAD drawing files, using the same drawing and layering conventions.
- C. See Division 1 Section 01770 CONTRACT CLOSEOUT for additional requirements.

DEMONSTRATION AND TRAINING

- A. Training: Perform training of Government's personnel in operation and maintenance of equipment, consisting of:
1. Training is required for all software-operated systems, HVAC systems and equipment, plumbing equipment, electrical systems and equipment, conveying systems, and other electrically-operated equipment.
 - a. Provide supplemental training within 6 months for operations that are seasonal in nature.
 2. Instruction in operation, control, adjustment, shut-down, servicing, troubleshooting, and maintenance, for each equipment item for which training is specified.
 3. Instruction in care, cleaning, maintenance, and repair of materials, for:
 - a. Each item for which training is specified.
 - b. Roofing, waterproofing, other weather-exposed or moisture protection products.
 - c. Finishes, including flooring.
 - d. Fixtures and fittings.
 - e. Items as specified in other Chapters.
 4. Major Software-Operated Systems: Training by software manufacturer at their facility for minimum of one Government staff members, with take-home training materials.
 5. Training Location: If not otherwise specified, conduct training in a classroom on site, with videotapes made for future use.
 6. Minimum Qualifications of Trainers: Knowledgeable about the project and the equipment and trained by the manufacturers.
 7. Maintenance Manuals: Ready for use in training.

OPERATION AND MAINTENANCE

- A. Operation and Maintenance: Contractor is responsible for the following:
1. Preparation of maintenance plan for Government's use, including description of maintenance activities, tools, and supplies required.
 2. Periodic maintenance service as required by manufacturer's warranties, starting from the date of Substantial Completion, for the following:
 - a. Roofing.
 - b. Elevators.
 3. Periodic maintenance service as specified in Section 01770 CONTRACT CLOSEOUT, for one year from the date of Substantial Completion.
 4. Services will be included under Contractor's contract with Government.
 5. Maintenance Services: Examination at frequency consistent with reliable operation; cleaning, adjusting, and lubricating; replacement of parts whenever required, using parts produced by the original manufacturer.

END OF CHAPTER 00830

CHAPTER A13 - FLOORS ON GRADE - DELETED (AM#1)

END OF CHAPTER A13

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SECTION 00120 PROPOSAL SUBMISSION REQUIREMENTS 09/01

1 GENERAL

1.1 INTRODUCTION

Through the use of a two-phase procurement process, the Department of the Army desires to obtain the design and construction of the Joint Readiness Training Center (JRTC)/Fort Polk Headquarters, Fort Polk, Louisiana. In this procurement procedure consideration will be given initially to the Project Organization and Personnel; Experience; Past Performance; and Financial Capacity. The offerors that are rated the highest on the Phase I evaluation criteria, minimum of two (2) but no more than five (5), will be selected and given the opportunity to offer their preliminary design and cost proposals in Phase II. Final selection and basis for award of the Design/Build Contract will be on the basis of qualifications, technical quality, price, and other salient factors considered to be in the Government's best interests. If awarded the contract, the offeror shall complete the design and construction documents and construct the facility in compliance with these completed requirements.

1.2 WHERE AND WHEN TO SUBMIT PROPOSAL

Submit Phase I of the Proposal no later than the date and time indicated in Item 13.A of the Solicitation, Offer and Award form (Standard Form 1442) found in Section 00010, SOLICITATION, OFFER, AND AWARD. Offerors invited to participate in Phase II will be notified of the date and time for submission of their Phase II proposal.

1.3 EXPLANATION TO PROSPECTIVE OFFERORS

Any prospective offeror desiring an explanation or interpretation of the solicitation, drawing, specifications, etc. must request in writing and shall be directed to the individuals listed in Section 00100 INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS, soon enough to allow a reply to reach all prospective offerors before the submission of their proposals. Oral explanation/instructions given before award of a contract will not be binding. Any information given a prospective offeror concerning a solicitation will be furnished promptly to all other prospective offerors as an amendment to the solicitation, if that information is necessary for submitting proposals, or if the lack of it would be prejudicial to other prospective offerors.

1.4 REQUIRED TECHNICAL DATA FOR PROPOSAL SUBMISSION

Offerors are advised that the required data will be utilized for review and evaluation and used for determination of a "Quality Rating" by a Technical Evaluation Board and that all data submitted for consideration under this proposal will be reviewed only for the purposes required for evaluation and award. The Government will not make assumptions concerning the offeror's intent, capabilities, facilities, or experiences. Clear identification is the sole responsibility of the offeror.

1.5 PROPOSAL PREPARATION

Instructions for the preparation and organization of each proposal are included herein. The proposal shall be submitted as summarized below and as required by the specifications.

1.5.1 Phase I – Management/Technical Proposal

- A. Project Organization and Personnel**
- B. Experience**
- C. Past Performance**
- D. Financial Capacity**

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1.5.2 Phase II – Design and Cost/Price Proposal

- A. **Design Proposal (Volume I)**
- B. **Preliminary Project Schedule (Volume I)**
- C. **Cost/Price Proposal (Volume II)**

1.5.3 Format

1.5.3.1 Written Material

- a. All written material, including catalog cuts, shall be submitted in standard three ring loose-leaf binders. Proposals shall be tabbed and labeled in a manner to afford easy identification from a Table of Contents. Font size shall be not less than 10 point. Each page shall be identified with the appropriate page number centered at the bottom of the page. Sheet size of the proposal contents shall be 8 ½ by 11 inches. 11 by 17 inch sheets will be allowed for charts and tables but will be counted as 2 single-sided or 4 double-sided pages. Legibility, clarity, coherence, and the contents are important. The Phase I (Management/Technical) proposal length shall be limited to (AM#2) **70** single-sided or (AM#2) **35** double-sided pages, exclusive of the cover sheet, **Table of Contents, and appendices (AM#2)**. The offeror shall not submit verbatim sections or attachments of this solicitation as part of their proposal. Offers that do not meet these requirements may be subject to rejection.
- b. A cover sheet identifying the offeror and the project shall be provided. The second sheet shall be a Table of Contents.
- c. Table of Contents. The proposal shall contain a detailed Table of Contents. The complete Table of Contents shall be included in each binder used.
- d. Materials submitted but not required by this solicitation (such as company brochures and equipment lists) shall be relegated to appendices.
- e. Proposal revisions for written portions of the proposal, including catalog cuts and specifications, shall be submitted as page replacements with revised text readily identifiable, e.g. bold face print or underlined. The source of the revision, e.g. Error, Omission, or Clarification (EOC), amendment or other Contractor-initiated change, shall also be indicated for each revision. Revised pages shall be numbered, dated, submitted in same number of copies as the original proposal submittal, and a different color page than the original.

1.5.3.2 Drawings

- a. Full size drawings shall be submitted in accordance with Section 1016, DESIGN DOCUMENT REQUIREMENTS. Each drawing shall be identified with the appropriate Sequence and Sheet Numbers in the lower right hand corner. The original and one copy of all drawings must be full size drawings. The remaining copies may be full size or reduced size, but no smaller than 11 x 17 inches.
- b. All alternate designs which may or may not be priced as additive or deductive items shall be graphically described on separate drawings from the base proposal design. All alternate designs shall meet the minimum requirements of the solicitation.
- c. Proposal revisions for drawings shall be submitted as sheet replacements with all changes identified on the drawings with clouds and in the title block, including the source of the revision, e.g. Error, Omission, or Clarification (EOC), amendment or other Contractor-initiated change. Revised drawings shall be numbered, dated and submitted in the same number of copies as the original proposal submittal.

1.5.3.3 Electronic Material

The offeror shall submit one copy of the proposal and (AM#2) **all revisions**, if applicable, on CD-ROM. All textual material, catalog cuts, and other non-drawing material shall be in Adobe Acrobat Portable Document

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Format (.pdf) (AM#2) , **arranged in the same order as the hard copy version with each section or part bookmarked.** All drawings shall be formatted in accordance with Section 1016, Paragraph “.CAL Files.” The offeror must ensure that all textual material, if it has been scanned, has been converted to a text searchable document by using the Paper Capture tool in Adobe Acrobat.

1.5.4 Proposal Submission

The proposal submitted shall include an original, copies as indicated below, and one electronic copy on CD-ROM (Both Volumes of Phase II may be on the same CD-ROM.) Each proposal shall be marked to clearly identify the original and the copies. The copies shall be numbered. Volume II of Phase II shall be sealed in a single package separate from Volume I.

Phase I – Management/Technical Proposal	Original and nine (9) copies
Phase II – Design Proposal	
Volume I	Original and nine (9) copies
Volume II	Original and one (1) copy

1.6 REFERENCED PUBLICATIONS

Corps of Engineers' (COE) design criteria and manuals that are referenced in this solicitation, such as Technical Manuals (TM) and Instructions (TI), Military Handbooks, Engineering Regulations (ER), and Engineering Manuals (EM), can be downloaded from the Internet at the following address: <http://www.hnd.usace.army.mil/techinfo> or obtained from the current National Institute of Building Science's (NIB) Construction Criteria Base (CCB) CD-ROM disk. The COE SWD-AEIM, AR 190-51, and EC 1110-1-92 are on the Solicitation CD-ROM Disk. The Installation Information Infrastructure Architecture (I3A) guidelines can be downloaded from the Internet at the following address: <http://arch-odisc4.army.mil/>. Obtaining other referenced publications such as Federal and Military specifications, Military Standards, and industry standards (i.e., ASTM, ANSI, ACI, NFPA, Uniform Building Code) will be the responsibility of each offeror. See Section 00100, paragraph "52.211-2 AVAILABILITY OF SPECIFICATIONS LISTED IN THE DOD INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) AND DESCRIPTIONS LISTED IN THE ACQUISITION MANAGEMENT SYSTEMS AND DATA REQUIREMENTS CONTROL LIST, DOD 5010.12-L (AUG 1998)", for information on obtaining these publications. Offerors are warned that due to the limited time for proposal preparation and submittal, there may not be enough time for ordering and receiving any of the above references. Failure to receive requested references will not be sufficient reason for extension of the proposal submission date.

1.7 UNNECESSARILY ELABORATE PROPOSALS OR QUOTATIONS

Unnecessarily elaborate brochures or other presentations beyond those sufficient to present a complete and effective response to this solicitation are not desired and may be construed as an indication of the offeror's lack of cost consciousness. Elaborate artwork, expensive paper and bindings, and expensive visual and other presentation aids are neither necessary nor wanted.

1.8 REQUIREMENT FOR SPECIAL MARKING OF PROPOSAL DATA

Envelopes or other cover for material submitted in response to this RFP shall be opaque, and must be so presented that they may easily be identified. At a minimum, the outside cover for each phase must show:

- Destination of Proposal
- Name and location of project as described in the RFP documents
- Solicitation number
- Name and address of offeror
- Project phase and volume number

Submit the proposal in the format specified. Oral or telephonic proposals or modifications will not be considered.

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Mail or deliver the proposal to the address listed on the Standard Form 1442, "Solicitation, Offer and Award."

1.9 DESCRIPTION OF EVALUATION CRITERIA

1.9.1 Phase I – Management/Technical Proposal Preparation

The Management/Technical proposal shall include information as described below and shall be presented in the sequence listed.

A. Project Organization and Personnel:

1. Personnel (Prime and Subcontractor):

- a. Provide professional resume data on the individuals who will be key personnel on the project team. Key personnel identified in this section should be senior working-level people who will be involved in design and construction on a day-to-day basis, as opposed to departmental level supervisors or executives. If reassignment of personnel is considered possible, provide the names and resumes of the alternate professionals in each assignment.

See Sections 01015, 01320, 01430, and 01451 for minimum personnel qualifications. The following list shall be provided as a minimum:

Project Manager
Project Architect
Senior Structural Engineer
Senior Mechanical Engineer
Senior Electrical Engineer
Senior Civil Engineer
Fire Protection Engineer
Registered Communication Distribution Designer
Industrial Hygienist
Design Quality Control Manager
Construction Quality Control Manager
Project Scheduler

Information to be provided includes:

Name
Project assignment
Name of firm with which associated
Years experience: with this firm, with other firms
Education: degrees(s)/year/specialization
Active registration: state and year first registered
Experience and qualifications relevant to proposed project: for each project listed, provide project description, project dates, the individual's project assignment to include specific roles and responsibilities, and its relevance to this solicitation.

- b. Identify the Designer(s)-of-Record for each discipline

- c. **(AM#2) In an appendix, provide** letters of commitment for all key personnel on the project team and any proposed alternate personnel. By identifying these personnel, the offeror is making a commitment that, barring unforeseen circumstances, they are the personnel who will be assigned to the project. A letter of commitment from each firm committing specific individuals from the firm may be provided in lieu of separate letters for each individual.

- d. Capacity to Perform

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(1) Provide a list of key professional job titles. Indicate the total number of personnel in each category for the prime, major subcontractors and consultants on the team and the number of personnel in each category who will be assigned to this project.

(2) (AM#2) _____. Discuss capacity to successfully perform the requirements of this contract based on current workload and staffing. Discuss strategy to provide supplemental and/or replacement personnel to support this project during design and/or construction, as necessary. (AM#2) **In the appendix, provide a list of all current contracts for the prime contractor, major subcontractors and consultants on the team.**

2. Team Organization and Management:

- a. Provide an organizational chart and supporting narrative describing how the team will be structured. Include all key design and construction personnel and firms on the organizational chart. Discuss the specific roles and responsibilities of each key individual and firm.
- b. Describe the proposed management structure for the team. Discuss how the design and construction process will be managed, to include a discussion on delegation of authority within the team.
- c. Describe interactions within the team and with the Corps of Engineers during design. Discuss how design changes will be handled and the roles that various team members will play when dealing with design changes. Discuss the role of construction team members during design phase.
- d. Describe interactions within the team and with the Corps of Engineers during construction. Discuss how changes will be handled during construction and the roles that various team members will play when dealing with changes during construction. Discuss the role of design team members during construction. Specifically address design team's role in construction Quality Control program; RFI's; shop drawing/submittal review and approval; attending progress meetings; site visits; inspections; contract completion and closeout.
- e. Describe the time control systems to be utilized. Discuss the use of the project schedule for managing the design and construction. Describe internal procedures for handling delays to minimize time growth.
- f. Identify the items of work to be self-performed by offeror and the percentage of the overall contract value that this work represents.
- g. Describe the team's computer-aided drafting and design (CADD) capabilities. Identify the CADD software to be used in the design of this project; if all disciplines are not using the same CADD software, identify the software that each discipline is using. Discuss compatibility with the Government's target CADD. Explain how compatibility will be achieved if the design, or portion of the design, is prepared using a CADD system other than the Government's target CADD system. (Refer to Section 01016 for information on the Government's target CADD system and compatibility requirements.)

B. Experience

1. Provide a list of projects currently underway or completed within the last 5 years that best demonstrates the design and construction experience of the team (firms and/or individual team members) to successfully complete this facility using a design/build process. Experience beyond 5 years ago for construction contractors will not be given consideration unless the key personnel proposed for this project played a significant role in the earlier project and the project can be shown to be similar to this project. An offeror must make clear the extent of involvement in those projects by current key personnel and clearly describe how the older project is similar to this project, considering

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changes in technology, materials, equipment, codes, etc. Experience beyond 5 years ago for design firms will not be given consideration.

List no more than 10 projects total. The list of projects shall include the following information:

- a. Project name and location
- b. Type of facility
- c. Nature of firm's responsibility (design, construction or both)
- d. Identify type of contract (design, design/build, or construction)
- e. Project owner's name and address and project manager's (point of contact) name, telephone number, fax number, and email address (if known)
- f. If a government contract, include the contracting agency and contracting officer's name, telephone number, fax number, and email address (if known)
- g. Date started
- h. Original scheduled completion date
- i. Actual completion date
- j. Overall size of facility (in square feet or square meters)
- k. Construction cost (excluding design costs)
- l. Duration of construction (excluding design time)
- m. Problems encountered and corrective actions taken
- n. Identify which proposed team members and/or firms were involved in the project; their specific roles and responsibilities on the project; and the extent of time they were involved with the project
- o. Relevance of experience to the solicitation project

2. Joint Ventures: If offeror represents the combining of two or more companies for the purpose of this RFP, the proposal shall indicate whether the firms have experience working together in design/build ventures and for how long and how many projects. In addition, each company of this joint venture shall list their Government contract experiences.

C. Past Performance:

1. Non-Corps References

For each non-Corps project listed under "Phase I: Experience" factor, offerors should send Client Authorization Letters and Contractor Performance Report (See Section 00500) to each reference listed in the proposal to assist in the timely processing of the past performance evaluation. Provide a copy of issued letters with the offeror's proposal. Copies of aforementioned letters will not count towards the page limitation stated in Paragraph 1.5.3.1 of this Section.

2. Offerors are encouraged to submit awards, letters, evaluations, or other forms of recognition that demonstrate their performance capabilities and customer satisfaction. If provided, this additional past performance information shall be relegated to an appendix and will not count towards the aforementioned page limitation.

3. New Companies

For new companies entering the marketplace (without relevant company experience) it will be the quality of the past performance of their key management personnel, major subcontractor and consultants that will indicate the risk of good performance and become the basis of the past performance evaluation. Identifying how long key personnel stayed on the contract and how well they managed their portion of the contract will be of great importance in the evaluation process.

D. Financial Capacity:

Submit a letter of current bonding capacity from a Bonding Company. This letter will not count towards the aforementioned page limitation.

1.9.2 Phase II – Design and Cost/Price Proposal Preparation

VOLUME I – PRELIMINARY DESIGN PROPOSAL

The purpose of the Preliminary Design Proposal is:

To provide sufficient design information for the Government to determine the acceptability of the proposed design in meeting the functional requirements set forth herein for operational use and economical maintenance during the anticipated life of the facility.

To provide data for a determination of the engineering sufficiency and soundness of the basic approach to the design for each technical discipline. Also, it will serve as a documentary check that the designer has been provided or has developed the essential engineering criteria necessary for all facets of final computations and detailed development of a thoroughly engineered, coordinated, economical, and functional design.

A. Design Proposal

1. The design proposal shall include, as a minimum, the following descriptive narratives, manufacturer's catalog data and graphic information:

a. Narratives

(1) General Description

(a) Provide brief description of the facility addressing the overall design, materials components, and engineering. **DO NOT INCLUDE DESIGN CALCULATIONS.** Include the following:

- (i) Basic site layout and the rationale behind the site design. Address existing site features, site demolition requirements, helipad, new utilities, site improvements, force protection requirements, camera (CCTV) layouts, landscaping, and irrigation.
- (ii) Building addition's architectural configuration and the rationale behind the design. Address relationship of the site and site activities to the building. Address exterior and interior building materials.
- (iii) Building's interior configuration, to include general discussion on interior finishes in the Command Section, general administrative areas, common areas (copy rooms, break/vending areas, conference rooms, restrooms). Discuss use of common areas within the facility. **DO NOT PROVIDE COLOR BOARDS.**
- (iv) Configuration and utilization of above ceiling space to maximize the ceiling height within the building.
- (v) Structural system for building addition (front entry) and any modifications to existing structure. Include structural considerations for column removal in the Command Conference Room; floor reinforcement in areas with concentrated loading, i.e., document storage/file rooms; shear wall penetrations, if required, for proposed HVAC system.
- (vi) Heating, Ventilation and Air Conditioning system and rationale behind the selection of the proposed system.
- (vii) Fire protection system and the rationale behind the selection of the proposed system.
- (viii) Exterior power distribution systems (upgrade to existing system) and the rationale behind the selection of the proposed system. Discuss service to the building and location. Identify type of wire. Identify whether aerial or underground.

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- (ix) Interior power distribution systems and the rationale behind the selection of the proposed system. Identify electrical characteristics of power supply (phase, voltage, KVA). Provide description of panels, protection devices and typical loading of circuits. Identify type of wire.
- (x) Exterior lighting system and the rationale behind the proposed system. Address exterior lighting locations, illumination levels for each area, and lighting controls.
- (xi) Interior lighting system and the rationale behind the selection of the proposed system. Address illumination levels for each area, emergency lighting, and lighting controls.
- (xii) Interior communications systems (telephone, data, cable TV, sound transmission) and the rationale behind the selection of each system.
- (xiii) Abatement of hazardous and/or regulated materials, such as lead, asbestos, mold. Address worker protection, methods of removal, material handling, containment, and disposal.

(b) Describe the energy-efficient and/or energy-saving features proposed for this project.

(c) If the design proposal includes any deviations from the RFP requirements, including functional or adjacency requirements, identify the deviation, provide justification for the deviation, and describe the benefit/improvement that the deviation provides to the facility. (See Section 00150, paragraph "DESIGN FREEDOM".)

(d) Identify all proposed betterments. (See Section 00800, clauses entitled "DESIGN-BUILD CONTRACT ORDER OF PRECEDENCE" AND "PROPOSED BETTERMENTS".)

b. Manufacturer Catalog Data

Manufacturer catalog data shall include industry standard quality indicators for the specific material or equipment and will be used to establish the proposed construction quality during proposal evaluation. Data may be in the form of CSI standard product information formats Manu-Spec and Spec-Data, and manufacturer's specifications and details. Furnish data, arranged by CSI Divisions, on:

- (1) Glazing: new windows; replacement glazing for EOC and Command suite
- (2) Doors
- (3) Interior finishes, to include floors, base, walls, ceilings, toilet partitions, lavatory tops
- (4) Exterior finishes for building addition, to include walls, roof, and soffits
- (5) Interior and exterior light fixtures, including identification of where each proposed fixture type will be used
- (6) Any other catalog data deemed pertinent

c. Graphic Information

Furnish preliminary drawings and schematics to illustrate the proposal. If a plan does not fit on one standard size drawing sheet at the scale specified, provide an overall plan to fit on one standard size drawing sheet plus individual sheets at the scale specified.

- (1) Site Layout Plan, minimum scale 1" = 40', showing:
 - (a) Building location
 - (b) Service drives and parking
 - (c) Location of site features (i.e. landscaping, sidewalks, lighting, mechanical and electrical equipment, dumpsters, cannon, flagpole, helipad)
 - (d) Set-backs
- (2) Architectural Floor Plans, minimum scale 1/8" = 1', with all areas identified, showing:
 - (a) Gross area of building; exterior and interior dimensions; size of areas; critical and basic dimensions.

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- (b) Area calculations
 - (c) Preliminary finish schedule
 - (d) Plumbing fixture locations, including drinking fountains
 - (e) Furniture layout
- (3) Interior Sections/Elevations, minimum scale 1/4" = 1', showing:
- (a) Front entrance building addition
 - (b) Command suite, to include the pre-assembly area and conference room
 - (c) Common areas (break/vending areas, copy areas)
 - (d) Conference room (typical)
 - (e) Restrooms
 - (f) Field officer of the day (FOD) area
- (4) Exterior Elevations of building additions and/or modifications, minimum scale 1/8" = 1', showing:
- (a) Fenestrations and material indications.
 - (b) Critical and basic dimensions.
 - (c) Exterior finish materials.

(5) Building Cross-Sections

Provide one cross-section through each wing of the building and one longitudinal cross-section through the building indicating floor and ceiling heights.

d. Sustainable Design. Using the Sustainable Project Rating Tool (SPiRiT), provide a self-assessment of the sustainability features of the facility (see Section 00500 for the Sustainable Project Rating Tool manual and rating sheets). For each required element and for each point-scored element where you have met (or exceeded) the requirement, provide justification of how you have met the stated requirement. Goal is minimum Bronze level certification. If Bronze level certification cannot be attained, discuss the factors that prevent achieving this goal.

B. Preliminary Project Schedule.

A time-scaled logic diagram shall be submitted with the Preliminary Design proposal reflecting the detailed design phase activities and summary level construction activities from Notice to Proceed through final completion, including all option work. Project Schedule shall conform to Section 01320 PROJECT SCHEDULE and may be used for preparation of the Preliminary Schedule required in Section 01320 after award. The following information shall be included as a minimum:

1. Detailed design activities
2. Summary level construction activities
3. Phasing requirements
4. Critical Path
5. Milestones and Constraints
6. Overall Design Duration, in calendar days
7. Overall Construction Duration, in calendar days
8. Overall Proposed Duration, in calendar days

The contractor shall propose the contract durations for Work Item #1, Design and Construction of the new facility. The proposed duration shall not exceed the duration specified in Section 01000, Design and Construction Schedule. The proposed schedule shall support the proposed duration. Upon contract award, the successful offeror's proposed duration shall become the contract duration for Work Item #1. It should be noted that the Government will include provisions in the contract for liquidated damages for each calendar day the Contractor exceeds the contract schedule.

VOLUME II COST/PRICE PROPOSAL

C. Cost/Price Proposal Preparation

Prices shall be firm. The offeror's price, to be considered in the competitive negotiation evaluation, shall be the offeror's Total Base Bid, plus all options, as shown on the price proposal schedule. The cost/price proposal will be evaluated separately, after evaluation of design proposal. The cost/price proposal shall consist of the following:

1. Solicitation, Offer and Award. The Standard Form 1442 shall be completely filled out and signed by a principal of the firm authorized to bind the design-build team. Signature(s) must be in longhand,
2. Price Proposal Schedule
 - a. Offerors shall complete the Price Proposal Schedule by filling out the pricing data blanks.
 - b. Overhead and profit shall be applied proportionally to each category and will not be required to be shown separately.
 - c. Offerors shall include allowance for weather days in the Cost/Price Proposal and shall schedule any contingency for severe weather in accordance with weather requirements included in Section 01000, CONSTRUCTION SCHEDULE.
3. Bid Guarantee. The bid guarantee shall be submitted in accordance with Section 00700, Contract Clauses.
4. Representations and Certifications. Representations are local, state, and federal representative statements and certifications made by the Offeror concerning a variety of issues. Complete each item in Section 00600, REPRESENTATIONS AND CERTIFICATIONS and submit one original with the Phase II proposal.
5. Subcontracting Plan. (Applies to Large Businesses only.) All large businesses shall submit a subcontracting plan with their technical and price/cost proposals. The plan should be prepared in accordance with FAR 52.219-9. Failure to submit an acceptable subcontracting plan may make the offeror ineligible for award of the contract. The submission of the subcontracting plan is in no way advantageous to large businesses over any small business in the evaluation process. A sample subcontracting plan and scoring checklist are included on the solicitation CD-ROM disk. See Section 00100, paragraph SMALL BUSINESS SUBCONTRACTING PLAN for additional information and Fort Worth District subcontracting floors.
6. Small Disadvantaged Business (SDB) Utilization Plan. (Applies to all Offerors.) Offerors shall submit a SDB Utilization Plan, to include the following information:
 - a. Identification of each SDB concern proposed and the work each is to perform.
 - b. Targets expressed in dollars and percentages representing each SDB concern's participation of the total contract value.
 - c. Total target value of all SDB participation, expressed in dollars and percentages, of the total contract value.

The offeror is put on notice that any targets represented in submitted proposal will be incorporated into and become part of any resulting contract. All proposed SDB concerns must be certified by the Small Business Administration and listed in the online database PRO-Net. SDB concerns may register in PRO-Net at <http://pronet.sba.gov>.

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1.10 CLARIFICATIONS AND FINAL PROPOSAL REVISION

1.10.1 General

Any conflicting criteria which cannot be resolved by the Order of Precedence specified in Section 00800 SPECIAL CONTRACT REQUIREMENTS shall be brought to the attention of the Government by the Offeror as part of the written clarification requirement of the proposal. In the absence of such request for clarification, the Offeror shall perform to the most beneficial criteria as determined by the Government.

1.10.2 Clarifications Prior to Proposal Due Date

In the event that clarifications are required prior to submitting either the Phase I or II proposal, contact the individuals listed in Section 00100, INSTRUCTIONS TO OFFERORS. All RFP holders will be advised of significant clarifications affecting the scope of the project.

1.10.3 Clarifications Submitted with Proposals

For clarifications remaining at the time and date that proposals are due, written clarifications may be included in the proposal for consideration by the Government. Clarifications submitted with proposals shall clearly identify the understanding of the RFP documents and how this understanding is reflected in the cost proposal. Extensive qualifications, exclusions and exceptions in the form of clarifications may be considered by the Government to be non-responsive and may be grounds for rejection of the proposal.

1.10.4 Final Proposal Revision

If the Contracting Officer determines that discussions are necessary, all offerors in the competitive range will be given an opportunity to submit a final proposal revision. All proposal revisions must be submitted as required in paragraphs 1.5.3.1 and 1.5.3.2.

1.11 PAYMENT FOR PROPOSALS

Offerors will not be reimbursed for the cost of preparing their proposals.

1.12 NOTICE

Failure to submit all the data indicated in this section may be cause for determining a proposal non-responsive and, therefore, not considered for award.

2 PRODUCTS (NOT USED)

3 EXECUTION (NOT USED)

Attachment F

FORT POLK ASBESTOS INSPECTION REPORT

To view Attachment F, click on the Link (red box) above OR on the file located on the Amendment No. 0002 CD at CD\amends\am_2\AttchF_a2.pdf.

TRANSFER AND ACCEPTANCE OF MILITARY REAL PROPERTY

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PAGE **1** OF 2 PAGES

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, Va 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. FROM (Installation/Activity/Service and Zip code) USAED, Ft. Worth Corps of Eng P.O. Box 17300 Ft. Worth, Texas, 76102-0300	2. OPERATING UNIT	3. DISTRICT CODE	4. OPERATING AGENCY	5. DATE	6. JOE NUMBER	7. SERIAL NUMBER	8. CONTRACT NUMBER 63-XX-C-XXX
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9. TO (Installation/Activity/Service and Zip code)	10. OPERATING UNIT	11. DISTRICT CODE	12. OPERATING AGENCY	13. ACCOUNTING NUMBER	14. ACCOUNTABLE OFFICE NUMBER	15. TYPE OF TRANSACTION A. <input checked="" type="checkbox"/> NEW CONSTR. <input type="checkbox"/> EXISTING FAG. <input type="checkbox"/> CAPITAL IMP. <input type="checkbox"/> OTHER (Specify)	B. <input type="checkbox"/> BENF/O <input type="checkbox"/> PHYSICAL COM. <input type="checkbox"/> FINAN. COM. <input type="checkbox"/> OTHER (Specify)	16. PROJECT NUMBER
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ITEM NO.	CATEGORY CODE	FACILITY (Category description)	NO. OF UNITS	TYPE	UNIT OF MEAS.	TOTAL QUANTITY	COST	DRAWING NUMBERS	REMARKS
17	18	19	20	21	22	23	24	25	26
1	530155	Blood Process Lab	1	P	SF	20,623	\$2,309,500.00		
2	8 1225	Primary Distribution Line U.G.		P	LF	2,058	\$128,237.00		
3	824464	Gas Mains		P	LF	131	\$29,230.00		1 1/2" Line
4	832266	San Sewer Main		P	LF	236	\$24,383.00		4"=95 LF; 6"=140 LF
5	841161	Water Supply Main		P	LF	259	\$36,753.00		16"=40 LF
6	85 1143	Curbs & Gutter		P	LF	640	\$5,860.00		3"=76 LF; 6"=75 LF
7	852261	Vehicle Parking Lot		P	SY	1,248	\$51,486.00		
8	852289	Sidewalk		P	SY	634	\$9,987.00		

27. STATEMENT OF COMPLETION: The facilities listed hereon are in accordance with maps, drawings, and specifications and change orders approved by the authorized representative of the using agency except for the deficiencies listed on the reverse side.	28. ACCEPTED BY (Signature)	DATE
TRANSFERRED BY (Signature)	DATE	TITLE (Post Engr./Base Civ. Engr./Navy Rep.)
TITLE (Area Engr./Base Engr./DPWO)		29. PROPERM VOUCHER NUMBER

TRANSFER AND ACCEPTANCE OF MILITARY REAL PROPERTY

Form Approved
OMB No. 07040188

PAGE 2 OF 2 PAGES

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FROM (Installation/Activity/Service and Zip code) SAED, Ft. Worth Corps of Eng 0. Box 17300 . Worth, Texas, 76102-0300	2. OPERATING UNIT	3. DISTRICT CODE	4. OPERATING AGENCY	5. DATE	6. JOB NUMBER	7. SERIAL NUMBER	6. CONTRACT NUMBER 63-XX-C-XXX
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TO (Installation/Activity/Service and Zip code)	10. OPERATING UNIT	11. DISTRICT CODE	12. OPERATING AGENCY	13. ACCOUNTING NUMBER	14. ACCOUNTABLE OFFICE NUMBER	15. TYPE OF TRANSACTION A. <input checked="" type="checkbox"/> NEW CONSTR. <input type="checkbox"/> EXISTING FAC. <input type="checkbox"/> CAPITAL IMP. <input type="checkbox"/> OTHER (Specify)	B. <input type="checkbox"/> BENF/O <input type="checkbox"/> PHYSICAL COM. <input type="checkbox"/> FINAN. COM. <input type="checkbox"/> OTHER (Specify)	16. PROJECT NUMBER
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TEM NO.	CATEGORY CODE	FACILITY (Category description)	NO. OF UNITS	TYPE	UNIT OF MEAS.	TOTAL QUANTITY	COST	DRAWING NUMBERS	REMARKS
17	18	19	20	21	22	23	24	25	26
9	87 1183	Storm Drain		P	LF	98	\$5,835.00		
10	872245	Fence		P	LF	230	\$28,659.00		
11	93220	Landscaping		P	SY	5,000	\$92,433.00		
12	933 10	Demolition		P	EA	1	\$7,119.00		
							\$2,729,500.00		Sub Total E&D During Construction Contingencies Work by Others S&A Construction Cost P&D Costs Total Cost

7. STATEMENT OF COMPLETION: The facilities listed hereon are in accordance with maps, drawings, and specifications and change orders approved by the authorized representative of the using agency except for the deficiencies listed on the reverse side.	28. ACCEPTED BY (Signature) _____ TITLE (Post Engr./Base Civ. Engr./Navy Rep.)	DATE _____
ANSFERRED BY (Signature) _____ *LE (Area Engr./Base Engr./DPWO)	29. PROPERTY VOUCHER NUMBER _____	

<u>CATEGORY</u> <u>CODE</u>	<u>DESCRIPTION</u>	<u>UOM</u>	<u>METRIC</u> <u>UOM</u>
61050	JRTC & HEADQUARTERS	SF	M2
81113	ELECTRIC POWER, COAL FIRED	KV	
81115	ELECTRIC POWER, OIL FIRED	KV	
81117	ELECTRIC POWER, GAS FIRED	KV	
81121	ELECTRIC POWER, NUCLEAR	KV	
81122	ELECTRIC POWER, PHOTOVOLTAIC	KV	
81150	UNINTERRUPTABLE POWER SUPPLY	KV	
81160	STANDBY GENERATOR	KV	
81171	ELECTRIC POWER, HYDRO	KV	
81230	EXTERIOR LIGHTING	LF	M
81241	OVERHEAD ELECTRIC LINES	LF	M
81242	UNDERGROUND ELECTRIC LINES	LF	M
81320	SUBSTATION	KV	
81350	ELECTRIC SWITCHING STATION	KV	
81360	TRANSFORMERS	KV	
82110	HEATING PLANT, COAL FIRED	MB	
82117	HEATING PLANT, DUAL-FUEL	MB	
82118	HEATING PLANT, WOOD-FIRED	MB	
82120	HEATING PLANT, OIL-FIRED	MB	
82130	HEATING PLANT, GAS-FIRED	MB	
82140	HEATING PLANT, NUCLEAR	MB	
82150	HEATING PLANT, STEAM	MB	
82160	HEATING PLANT, ELECTRIC	MB	
82182	HEATING PLANT, SOLAR	MB	
82187	HEATING PLANT, GEOTHERMAL	MB	
82210	STEAM CONDENSATE LINES	LF	M
82220	HOT WATER LINES	LF	M
82221	HOT/CHILLED WATER LINES	LF	M
82240	STEAM LINES	LF	M
82310	GAS GENERATING PLANT	MB	
82410	GAS PIPELINES	LF	M
82610	A/C REFRIGERATION PLANT	TN	MT
82625	HEAT PUMP	TN	MT
82710	CHILLED WATER DISTRIBUTION SYSTEM	LF	M
83110	PRIMARY WASTE WATER TREATMENT	KG	
83112	SECONDARY WASTE WATER TREATMENT	KG	
83113	ADVANCED WASTE WATER TREATMENT	KG	
83120	SEPTIC TANK AND DRAIN FIELD	KG	
83130	RAW SEWAGE LAGOON/OXIDATION POND	KG	
83140	INDUSTRIAL WASTE TREATMENT PLANT	KG	
83150	SEWAGE LIFT STATION	KG	
83180	GRAVITY OIL/GREASE SEPARATOR	KG	
83181	WATER AND GRIT SEPARATOR	KG	
83210	SANITARY SEWER LINES	LF	M
83220	COMBINED SEWER	LF	M
83240	INDUSTRIAL WASTE SEWER	LF	M
83310	INCINERATOR FACILITY	TN	MT
83312	REFUSE COLLECTION FACILITY	TN	MT

CATEGORY			METRIC
<u>CODE</u>	<u>DESCRIPTION</u>	<u>UOM</u>	<u>UOM</u>
83320	RECYCLING FACILITY	TN	MT
83410	SANITARY LANDFILL	AC	
83420	HAZARDOUS WASTE LANDFILL	AC	
84110	WATER TREATMENT PLANT	KG	
84125	FILTER PLANT FACILITY	KG	
84130	WATER WELL, POTABLE	KG	
84141	PUMP STATION, POTABLE	KG	
84150	CHLORINATOR FACILITY	KG	
84210	WATER DISTRIBUTION LINES, POTABLE	LF	M
84215	SUPPLY MAIN, POTABLE	LF	M
84330	FIRE PROTECTION SYSTEM, NONPOTABLE	LF	M
84450	CHLORINATOR FACILITY, NONPOTABLE	KG	
84470	WATER WELL, NONPOTABLE	KG	
84472	PUMP STATION, NONPOTABLE	KG	
84510	WATER DISTRIBUTION LINES, NONPOTABLE	LF	M
84610	WATER STORAGE TANKS, POTABLE	GA	L
84620	RESERVOIR, POTABLE	GA	L
84710	WATER STORAGE TANKS, NONPOTABLE	GA	L
84720	RESERVOIR, NONPOTABLE	GA	L
84730	FIRE PROTECTION POND	GA	L
84740	WATER RETAINING BASIN	GA	L
85110	CANTONMENT AREA ROADS, SURFACED	SY	M2
85120	VEHICLE BRIDGE	SY	M2
85130	CANTONMENT AREA ROADS, UNSURFACED	SY	M2
85150	CANTONMENT AREA TANK TRAIL	SY	M2
85210	ORG. VEHICLE PARKING, SURFACED	SY	M2
85211	ORG. VEHICLE PARKING, UNSURFACED	SY	M2
85212	STAGING/MARSHALLING AREA	SY	M2
85215	NONORG. VEHICLE PARKING, SURFACED	SY	M2
85216	NONORG. VEHICLE PARKING, UNSURFACED	SY	M2
85218	NONORG. VEHICLE PARKING GARAGE	SY	M2
85220	SIDEWALKS AND WALKWAYS, SURFACED	SY	M2
85221	SIDEWALKS AND WALKWAYS, UNSURFACED	SY	M2
85225	PAD	SY	M2
85230	PEDESTRIAN BRIDGE	SY	M2
85710	TRAINING AREA ROADS, SURFACED	SY	M2
85715	TRAINING AREA ROADS, UNSURFACED	SY	M2
85720	TRAINING ATEA TANK TRAILS, SURFACED	SY	M2
85725	TRAINING AREA TANK TRAILS, UNSURFACED	SY	M2
85730	TRAINING AREA BRIDGE	SY	M2
86010	RAILROAD TRACKS	MI	M2
86110	RAILROAD BRIDGE	LF	M
86120	CRANE TRACKS	LF	M
86130	RAILROAD SCALES	LF	M
86140	COAL TRESTLE	LF	M
87110	STORM SEWER	LF	M
87120	DRAINAGE DITCH	LF	M
87130	IRRIGATION FACILITY	LF	M

CATEGORY			METRIC
<u>CODE</u>	<u>DESCRIPTION</u>	<u>UOM</u>	<u>UOM</u>
87140	DIKES	LF	M
87150	RETAINING STRUCTURE	LF	M
87171	POLLUTANT DRAINAGE SYSTEM	LF	M
87210	FENCING AND WALLS	LF	M
87250	GATE	LF	M
87255	FIRE BREAKS	LF	M
88010	FIREALARM SYSTEM	BX	
88020	WATCH REPORTING SYSTEM	BX	
88030	AIR RAID ALARM SYSTEM	BX	
88040	INTRUSION ALARM SYSTEM	BX	
88045	RADIATION SENSING DEVICE	BX	
88110	AUTOMATIC WATER SPRINKLER SYSTEM	SF	M2
88120	SPECIAL FIRE EXTINGUISHING SYSTEM	SF	M2
88130	STANDPIPE SYSTEM	SF	M2
89111	POWER PLANT BUILDING	SF	M2
89112	ACETYLENE PLANT	SF	M2
89113	POWER SUBSTATION/SWITCHING STATION BLDG	SF	M2
89115	ENVIRONMENTAL TEST LABORATORY	SF	M2
89117	INERT GAS FACILITY	SF	M2
89120	PLANT/UTILITIES BUILDING	SF	M2
89121	HEATING PLANT BUILDING	SF	M2
89123	COMPRESSED AIR PLANT	SF	M2
89126	REFRIGERATION/AIR CONDITIONING BUILDING	SF	M2
89130	HAZARDOUS BUILDING	SF	M2
89131	SEWAGE/WASTE TREATMENT BUILDING	SF	M2
89132	OXYGEN PLANT	SF	M2
89133	REFUSE AND GARBAGE BUILDING	SF	M2
89141	WATER SUPPLY/TREATMENT BUILDING, POTABLE	SF	M2
89144	WATER SUPPLY BUILDING, NONPOTABLE	SF	M2
89148	WATER STORAGE BUILDING	SF	M2
89150	SHREDDER FACILITY	SF	M2
89210	MONITORING WELLS	EA	M2
89215	ENVIRONMENTAL TEST FACILITY	EA	M2
89220	ENERGY MANAGEMENT CONTROL SYSTEM	EA	
89221	SEWAGE HOLDING TANK	EA	
89225	GAS STORAGE TANK	EA	
89226	VAPORIZER STATION	EA	
89230	TRAFFIC SIGNALS	EA	
89235	FREQUENCY CONVERTER	EA	
89240	FIRE HYDRANTS	EA	
89245	FOAM MIX TANK	EA	
89250	RAILROAD CROSSING SIGNALS	EA	
89260	DECORATIVE FOUNTAIN/POND	EA	
89270	DAM	EA	
89280	LIGHTNING PROTECTION SYSTEM	EA	
89285	IMPROVED LAND - USAREUR	AC	
89286	SEMI-IMPROVED LAND - USAREUR	AC	
89287	UNIMPROVED LAND - USAREUR	AC	
89310	INERT GAS LINE	LF	

CATEGORY			METRIC
<u>CODE</u>	<u>DESCRIPTION</u>	<u>UOM</u>	<u>UOM</u>
89320	COMPRESSED AIR LINE	LF	M
89330	VACUUM LINE	LF	M
89340	UTILDORS	LF	M
89410	COOLING TOWER	CM	
89510	IMHOFF TANK	GA	L
89520	POLLUTANT CATCH BASIN	GA	L
89530	SEWAGE HOLDING TANK	GA	L
89540	FOAM MIX TANK	GA	L
89550	WASTE POL STORAGE TANK	GA	L
89560	HAZARDOUS WASTE HOLDING TANK	GA	L
93210	SITE CLEARING AND GRADING	SY	M2
93220	LANDSCAPE PLANTTING	SY	M2
93310	DEMOLITION	EA	
93410	CUT AND FILL	CY	M3

Units of Measure

UNIT OF MEASURE	DESCRIPTION
AC	ACRES
BL	BARRELS (42 Gallons Liquid)
BX	BOXES
CM	CUBIC FEET PER MINUTE
CY	CUBIC YARDS
EA	EACH
GA	GALLONS
KG	THOUSANDS OF GALLONS PER DAY
KV	KILOVOLT - AMPERES
LF	LINEAR FEET
MB	MILLIONS OF BRITISH THERMAL UNITS
MI	MILES
SF	SQUARE FEET
SY	SQUARE YARDS
TN	TONS (2,000 POUNDS OR COOLING CAPACITY)
M2	SQUARE METERS
L	LITERS
M	METERS
M3	CUBIC METER
KL	THOUSAND OF LITERS PER DAY
MT	METRIC TON

**Volume 4
Attachment K
(Electronic Copy Provided)**

Attachment K

**LIFE CYCLE COST ANALYSIS
HVAC SYSTEMS**

GENERAL ECONOMIC STUDY

**FT. POLK, LOUISIANA
JOINT READINESS TRAINING CENTER AND FORT POLK
HEADQUARTERS**

DATE OF STUDY: 23 MAY 2001

By

HALFF ASSOCIATES, INC.

To view Attachment K, click on the Link (red box) above OR on the file located on the Amendment No. 0002 CD at CD\amends\am_2\AttchK_a2.pdf.