

2. AMENDMENT/MODIFICATION NO. <b>0003</b>	3. EFFECTIVE DATE <b>9 JUN 1999</b>	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY  <b>Department of the Army Corps of Engineers Fort Worth District</b>		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO. <b>DACA63-99-R-0008</b>
	(X)	9B. DATED (SEE ITEM 11) <b>14 May 1999</b>
		10A. MODIFICATION OF CONTRACTS/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 tended.  is extended,  is not ex-

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or 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 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.**

(✓)	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.)**

The Solicitation for RFP, DESIGN-BUILD CONTRACT FOR A STANDARD DINING FACILITY, FORT SAM HOUSTON, SAN ANTONIO, TEXAS, is amended as follows:

See Continuation Sheet.

**NOTE: The Proposal Receipt Date and Time remains 14 June 1999, 4:00 p.m. CDT, as previously announced.**

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

Item 14. Continued.

a. Wage Rates.

Void pages 00710-1 through 00710-8, and substitute therefor the attached pages 00710-1 through 00710-8, each page bearing the notation "ACCOMPANYING AMENDMENT NO. 0003 TO SOLICITATION NO. DACA63-99-R-0008".

b. Standard Form 1442, First Page, Item 13.A.

In the first line, change "Sealed offers in original and 4 Copies...." to read "Sealed offers in original and (SEE SEC 00120) Copies...."

c. Specifications.

The following listed section shall be voided and the accompanying new section of the same title and number, bearing the notation "ACCOMPANYING AMENDMENT NO. 0003 TO SOLICITATION NO. DACA63-99-R-0008" shall be substituted therefor:

SECTION 01015      DESIGN REQUIREMENTS AFTER AWARD

APPLICATION OF WAGE DECISIONS

Solicitation No.: DACA63-99-R-0008  
Project: Standard Dining Facility  
Location: Fort Sam Houston, Texas  
Bexar County

1. **Davis-Bacon Act Wage Decision TX990003, Building Construction Projects**, is applicable to construction, alteration, painting, or repair of buildings, installations within buildings, appurtenances to buildings, foundations for buildings, excavation and fill for buildings, and utilities within five feet of buildings.

2. **Davis-Bacon Act Wage Decision TX990043, Heavy and Highway Construction Projects**, is applicable to utilities more than five feet from buildings and any other construction requirements not shown in paragraph 1 above.

NOTE: **PAYROLL RECORDS ARE REQUIRED**, UNDER THE DAVIS-BACON ACT, FOR ALL CONSTRUCTION WORK. THE WAGE DECISION NUMBER APPLICABLE TO THE WORK PERFORMED IS TO BE SHOWN ON ALL CERTIFIED PAYROLL RECORDS.

ACCOMPANYING AMENDMENT NO. 0003 TO SOLICITATION NO. DACA63-99-R-0008  
**GENERAL DECISION TX990003 06/04/99 TX3**  
 General Decision Number TX990003

Superseded General Decision No. TX980003

State: **TEXAS**

Construction Type:  
**BUILDING**

County(ies):  
**BEXAR**

**BUILDING CONSTRUCTION PROJECTS** (does not include single family homes and apartments up to and including 4 stories). (Use current heavy & highway general wage determination for Paving & Utilities Incidental to Building Construction).

Modification Number	Publication Date
0	03/12/1999
1	04/09/1999
2	04/16/1999
3	05/21/1999
<b>4</b>	<b>06/04/1999</b>

COUNTY(ies):  
**BEXAR**

ASBE0087A	07/01/1998		
		Rates	Fringes
ASBESTOS/INSULATORS WORKERS (Includes application of all insulating materials, protective coverings, coatings, and finishings to all types of mechanical systems.)		17.88	5.14
-----			
BRTX0001D	05/01/1999		
		Rates	Fringes
BRICKLAYERS		15.45	3.05
-----			
ELEC0060A	06/01/1998		
		Rates	Fringes
ELECTRICIANS (Including pulling and installing cable through conduit for low voltage)		18.00	2.20+8%
CABLE SPLICERS		18.25	2.20+8%
-----			
ELEV0081A	07/11/1998		
		Rates	Fringes
ELEVATOR CONSTRUCTORS: MECHANIC		19.695	6.675+A

ACCOMPANYING AMENDMENT NO. 0003 TO SOLICITATION NO. DACA63-99-R-0008  
 FOOTNOTE; A = UNDER 5 YEARS EMPLOYMENT, 6% BHR; OVER 5 YEARS  
 EMPLOYMENT, 8% BHR. PAID HOLIDAYS : New Year's Day, Memorial Day,  
 Independence Day, Labor Day, Thanksgiving Day, Friday after  
 Thanksgiving Day and Christmas Day.

ENGI0450A 04/01/1994		
	Rates	Fringes
POWER EQUIPMENT OPERATORS: Cranes	12.95	3.30
* IRON0066A 06/01/1999		
	Rates	Fringes
IRONWORKERS (Excluding metal building erectors)		
Structural	14.80	4.05
MARB0002B 05/01/1995		
	Rates	Fringes
TILE SETTERS	13.79	2.07
PLUM0142A 07/01/1998		
	Rates	Fringes
PLUMBERS & PIPEFITTERS (Including HVAC WORK)	20.85	4.57
SFTX0669A 04/01/1999		
	Rates	Fringes
SPRINKLER FITTERS	20.62	5.90
SHEE0067A 04/01/1999		
	Rates	Fringes
SHEET METAL WORKERS (HVAC Duct Work Only)	20.31	5.65
SUTX1052A 11/01/1988		
	Rates	Fringes
ACOUSTICAL CEILING INSTALLERS	12.26	
CARPENTERS (Excluding Acoustical Ceiling Installer & Drywall Hanger	10.64	
CEMENT MASONS	11.46	
DRYWALL HANGERS	11.88	
GLAZIERS	10.78	1.40
IRONWORKERS (Excluding Metal Building Assemblers):		

ACCOMPANYING AMENDMENT NO. 0003 TO SOLICITATION NO. DACA63-99-R-0008  
REINFORCING 10.19 3.57

LABORERS:

Unskilled 7.06  
Mason Tenders 8.36 1.78  
Mortar Mixers 8.99  
PLASTERER'S TENDERS 8.68

LATHERS 15.25

PAINTERS (Excluding Tapers/Finishers) 8.01

PLASTERERS 15.25

POWER EQUIPMENT OPERATORS

Front End Loader 7.36

ROOFERS:

Roofers 8.14  
Kettlemen 8.85  
Waterproofers 6.88

SHEET METAL WORKERS:

Other Work 11.62

TAPERS/FINISHERS 7.99

TRUCK DRIVERS 7.10

-----  
WELDERS - Receive rate prescribed for craft performing operation  
to which welding is incidental.  
=====

Unlisted classifications needed for work not included within  
the scope of the classifications listed may be added after  
award only as provided in the labor standards contract clauses  
(29 CFR 5.5(a)(1)(v)).  
-----

In the listing above, the "SU" designation means that rates  
listed under that identifier do not reflect collectively  
bargained wage and fringe benefit rates. Other designations  
indicate unions whose rates have been determined to be  
prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can  
be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a  
position on a wage determination matter
  
- \* a conformance (additional classification and rate)  
ruling

On survey related matters, initial contact, including requests

ACCOMPANYING AMENDMENT NO. 0003 TO SOLICITATION NO. DACA63-99-R-0008 for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U. S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U. S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

**END OF GENERAL DECISION**

**GENERAL DECISION TX990043 03/12/99 TX43**  
Superseded General Decision No. TX980043

State: **TEXAS**

Construction Type:

**HEAVY  
HIGHWAY**

County(ies):

BELL	CORYELL	TRAVIS
<b>BEXAR</b>	GUADALUPE	WILLIAMSON
BRAZOS	HAYS	
COMAL	MCLENNAN	

**Heavy (excluding tunnels and dams) and Highway Construction Projects** (does not include building structures in rest area projects). \*NOT TO BE USED FOR WORK ON SEWAGE OR WATER TREATMENT PLANTS OR LIFT/PUMP STATIONS IN BELL, CORYELL, McLENNAN AND WILLIAMSON COUNTIES.

<b>Modification Number</b>	<b>Publication Date</b>
0	03/12/1999

COUNTY(ies):

BELL	CORYELL	TRAVIS
<b>BEXAR</b>	GUADALUPE	WILLIAMSON
BRAZOS	HAYS	
COMAL	MCLENNAN	

SUTX2042A 03/26/1998

	Rates	Fringes
AIR TOOL OPERATOR	8.08	
ASPHALT HEATER OPERATOR	11.00	
ASPHALT RAKER	8.00	
ASPHALT SHOVELER	7.97	
BATCHING PLANT WEIGHER	11.00	
CARPENTER	10.80	
CONCRETE FINISHER-PAVING	9.57	
CONCRETE FINISHER-STRUCTURES	8.83	
CONCRETE RUBBER	8.52	
ELECTRICIAN	16.25	
FLAGGER	6.86	
FORM BUILDER-STRUCTURES	8.77	
FORM LINER-PAVING & CURB	8.00	
FORM SETTER-PAVING & CURB	8.68	
FORM SETTER-STRUCTURES	8.73	
LABORER-COMMON	7.12	
LABORER-UTILITY	7.99	
MECHANIC	12.15	
OILER	11.40	
SERVICER	8.44	
PAINTER-STRUCTURES	10.00	
PIPE LAYER	8.27	
ASPHALT DISTRIBUTOR OPERATOR	9.70	
ASPHALT PAVING MACHINE	9.26	
BROOM OR SWEEPER OPERATOR	7.12	

ACCOMPANYING AMENDMENT NO. 0003 TO SOLICITATION NO. DACA63-99-R-0008	
BULLDOZER	9.28
CONCRETE CURING MACHINE	7.79
CONCRETE FINISHING MACHINE	11.00
CONCRETE PAVING SAW	9.79
SLIPFORM MACHINE OPERATOR	11.15
CRANE, CLAMSHELL, BACKHOE, DERRICK, DRAGLINE, SHOVEL	10.12
FOUNDATION DRILL OPERATOR	
TRUCK MOUNTED	15.00
FRONT END LOADER	8.86
HOIST - DOUBLE DRUM & LESS	10.81
MIXER	7.12
MIXER - CONCRETE PAVING	11.00
MOTOR GRADER FINE GRADE	12.37
MOTOR GRADER	11.14
PAVEMENT MARKING MACHINE	8.31
PLANER OPERATOR	15.75
ROLLER, STEEL WHEEL PLANT-MIX PAVEMENTS	7.73
ROLLER, STEEL WHEEL OTHER FLATWHEEL OR TAMPING	7.33
ROLLER, PNEUMATIC, SELF PROPELLED	7.17
SCRAPERS	8.38
TRACTOR-CRAWLER TYPE	9.40
TRAVELING MIXER	7.92
TRENCHING MACHINE, HEAVY	9.92
WAGON-DRILL/BORING MACHINE	8.00
REINFORCING STEEL SETTER PAVING	14.50
REINFORCING STEEL SETTER STRUCTURES	10.61
STEEL WORKER-STRUCTURAL	11.73
SPREADER BOX OPERATOR	8.55
WORK ZONE BARRICADE	8.29
SIGN INSTALLER	7.97
TRUCK DRIVER-SINGLE AXLE LIGHT	8.32
TRUCK DRIVER-SINGLE AXLE HEAVY	7.954
TRUCK DRIVER-TANDEM AXLE SEMI- TRAILER	8.02
TRUCK DRIVER-LOWBOY/FLOAT	10.12
WELDER	11.02

-----

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted

because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U. S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U. S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

**END OF GENERAL DECISION**

SECTION 01015

DESIGN REQUIREMENTS AFTER AWARD  
**AMENDMENT NO. 0003**

PART 1 GENERAL

1.1 SUMMARY

1.1.1 Section Includes

This section includes requirements for developing and submitting a design including preparation of drawings, specifications and design analyses conforming to the requirements contained in this section.

1.1.2 Section Excludes

This section does not include requirements for construction submittals which are specified in Section 01330 SUBMITTAL PROCEDURES.

1.2 DESIGN COMPLETION SCHEDULE

See paragraph COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK in Section 01000 DESIGN AND CONSTRUCTION SCHEDULE for the Completion Schedule of the entire work.

1.3 METRIC REQUIREMENTS

1.3.1 Definitions

Definitions of hard and soft metric are specified in Section 01415 METRIC MEASUREMENTS.

1.3.2 Project Documents

Wherever possible, the project documents shall be accomplished using "hard" metric measurements; drawings, narratives, calculations, dimensions, capacities, and similar expressions of measurement shall be expressed in "hard" metric units.

1.3.3 SI Units of Measure

Products and building components furnished in "hard" metric units are those manufactured using SI units of measure. SI units of measure shall be stated in metric only; do not repeat their English equivalency in parentheses following the metric unit.

1.3.4 Modular Construction Products

Soft metric conversions from their English units are permitted for modular construction products, unless the application of the product requires it to dimensionally coordinate into the 100 millimeter building module. Modular construction products are brick, concrete block, wallboard, plywood, suspended ceiling systems, recessed lighting, raised access flooring and other manufactured components with dimensions based upon a four (4) inch building module. Coordinate finishes available in metric with those available in non-metric.

1.3.5 Metric Design Guide

The designer shall obtain a copy of and follow the requirements in the "Metric Design Guide" (PBS-PQ260), May 1994, U.S. General Services Administration Public Buildings Service. A copy will be furnished after award of the contract.

#### 1.4 DEFINITIONS

##### 1.4.1 Acceptance

This is the Government's review of the design submittals, construction submittals, and record drawings for conformance to the Contract requirements. Acceptance shall not be construed to be an endorsement of the accuracy or completeness of the design. The Contractor is ultimately responsible for the contract design and construction. Design deficiencies or omissions in the accepted design shall be the responsibility of the Contractor and the Designer of Record.

##### 1.4.2 Approve, Approved and Approval

As these words are used throughout the documents, they shall mean "as approved by the Designer of Record unless otherwise expressly stated." See Section 01330 CONSTRUCTION SUBMITTAL PROCEDURES.

##### 1.4.3 Complete Specification Section

A Complete Specification Section is one that follows the CEGS Section format as shown in CEGS-01020 CEGS TEMPLATE, including the required submittal and testing requirements.

##### 1.4.4 Contractor

Firm or company to whom award was made to design and construct the project.

##### 1.4.5 Contract Documents

Contract Documents include the Request for Proposal, all amendments, the Contractor's proposal as accepted, and the Contractor approved, Government accepted 100% final design documents.

##### 1.4.6 Construction Documents

Documents provided by the Contractor and accepted by the Government for use in constructing the project, including but not limited to final design drawings and specifications, schedules, submittal registers, and color boards.

##### 1.4.7 Corps of Engineers Guide Specifications (CEGS)

Includes the Corps of Engineers Guide Specifications (CEGS) for Military Construction, the narrow-scope sections developed by the Fort Worth District (FWGS), and the Fort Worth District Supplements to the CEGS.

##### 1.4.8 Design Documents

Documents which include design drawings, project specifications, and design analyses (basis of design and calculations) prepared by or under the direct supervision of registered professional architects and engineers and proposed by the Contractor to meet the requirements of this Contract.

#### 1.4.9 Design Drawings

Documentation showing in graphic and quantitative form the extent, design, location, relationships, and dimensions of the construction to be provided by the Contractor. (Note: Shop Drawings, as defined in Section 01330, "Submittals During Construction," are not to be provided until after design drawings are approved for construction.)

#### 1.4.10 Designer

Architects and Engineers (A/E) associated with the Contractor who are responsible for the design and have the qualifications and experience specified.

#### 1.4.11 Designer of Record

The Contractor's Architect/Engineer (A/E) is the "Designer of Record" and officially approves the design submittals, construction submittals, and record drawings. The designer of record is solely liable for design errors and/or omissions and shall have professional liability insurance to insure the designer against design errors and omissions. The Contractor's Quality Control Staff will check and certify all submittals.

#### 1.4.12 Mandatory Guides

Mandatory Guides are those guides included in Division 3 ATTACHMENTS which shall be included in the Contractor's technical specifications. Some of the guides may be partially edited; others may not be edited at all. The Contractor shall edit or finish editing these guides.

#### 1.4.13 Mandatory Sections

Mandatory Sections are those sections included in Division 3 ATTACHMENTS which have been completed edited and shall be included in the Contractor's technical specifications verbatim.

#### 1.4.14 Solicitation or Request for Proposal (RFP)

Documents furnished to prospective offerors containing proposal information and specifying criteria and project requirements for design and construction of the project. The documents include this specification, attachments, and the information drawings.

#### 1.4.15 Technical Specifications

Technical specifications are the Contractor's developed construction specifications consisting of the Government-furnished Division 1 (General Requirements) sections and the Contractor-written sections in Divisions 2 through 16. Divisions 2 through 16 shall include the RFP mandatory specifications, the Contractor-edited RFP mandatory CEGS and FWGS guide specifications, Contractor-developed CEGS sections for those items of work covered by the CEGS guides, and the Contractor-developed sections for those items of work not covered by the CEGS and FWGS guides.

#### 1.4.16 50 Percent Design/Submittal

Shall mean 50 percent building and 100 percent site work, utilities, and foundation design submittal. See paragraph DESIGN SUBMITTALS for further

clarification.

## 1.5 SUBMISSION OF CONSTRUCTION DRAWINGS, SPECIFICATIONS AND DESIGN ANALYSES

### 1.5.1 Certification

With each submittal the Contractor shall certify that all items submitted in the design documents (after contract award) comply with the Solicitation's Divisions 1, 2, and 3 specifications and requirements. The criteria specified in this Contract are binding contract criteria and in case of any conflict, after award, between the Contract criteria and Contractor's submittals, the criteria stated in the Document Order of Precedence in Section 00800 SPECIAL CONTRACT REQUIREMENTS will govern. The Contractor shall present with the letter of transmittal for each design submittal (including the 100 percent corrected design (compliance check) submittal) a certification that the submittal (drawings, specifications, design analysis, etc.) complies with the requirements stated above. Prepare the design certification and transmittal letter in the format shown on Attachment A attached at the end of this Section.

#### 1.5.1.1 Signatures

The certification shall be signed by an officer of the Contractor's company and the licensed architect/engineer designer of record attesting that the drawings, specifications and design analyses prepared for the construction of the facility meet the requirements of the Contract.

### 1.5.2 Deviations

Deviations from the Contract requirements shall be identified in each design submittal's letter of transmittal. Deviations from the Contract requirements will be considered for approval by the Contracting Officer. The Contracting Officer may reject any deviation proposed by the Contractor without explanation.

### 1.5.3 Field Verification

The Contractor shall verify field conditions which are significant to design by field inspection, researching and reviewing the existing documents pertaining to the site and existing building(s), and evaluating observable existing conditions. . The information shall be reflected in the design documents. It is the responsibility of the Contractor to evaluate existing conditions in the immediate proximity of the project to determine if such conditions may affect, or be affected by the proposed construction. If there are site conditions which appear to affect the proposed construction the Contractor shall inform the Contracting Officer, in writing, before proceeding with the project.

### 1.5.4 Number of Copies

For each design submittal, submit for review and acceptance the number of copies specified in paragraph "Review Document Distribution" of the construction drawings and specifications, design analyses, equipment schedules, and all other submittal data, which shall be in accordance with the requirements of the Contract Documents. Upon final acceptance, the Contractor shall within 7 calendar days furnish the same number of copies as above (and one reproducible) of the accepted technical documents (drawings, design analysis, and specifications). Proposed modifications shall be submitted in 8 copies. Final modifications, after negotiations,

shall be submitted in 8 copies (including one reproducible).

#### 1.5.5 Final Construction Documents

Provide documents complete, accurate, and explicit enough to show compliance with the Contract requirements and to permit construction. Drawings and specifications illustrating systems proposed to meet the requirements of the Contract shall reflect proper detailing for each such system to assure appropriate use, proper fit, compatibility of components and coordination with the specifications and design analysis required by this section. Coordinate drawings to ensure there are no conflicts between design disciplines and between drawings and specifications. See Section 01016 DESIGN DOCUMENTS REQUIREMENTS for additional requirements.

##### 1.5.5.1 Final Project Drawings

Final design (100 percent) drawings, and record (i.e. as-built) drawings after the completion of the project, shall be submitted on CD-ROM disk in the CADD format required by the Area Office and Fort Sam Houston (i.e. the User), along with hard copies of the drawings, specifications and design analysis. Furnish two CD-ROM disks, one for the Area Office and one for the User. On the CD-ROM disk include the .dgn or .dwg CADD drawing files, the CADD drawing files in .CAL format (CADD files converted to .CAL) for viewing on SourceView Reader, and an Excel spreadsheet containing the drawing number, sequence number, level/layer assignments, line colors, line weights, and line types. See Section 01016 DESIGN DOCUMENT REQUIREMENTS for additional requirements.

##### 1.5.5.2 Computer Aided Design and Drafting (CADD) Systems

Within 10 days of Contract [AM#2] Notice to Proceed, furnish for approval samples of CADD electronic files created on the equipment and software to be used for this work. CADD work will not proceed until the Contractor's proposed CADD system and resulting CADD files have been acceptably demonstrated to work on the Corps of Engineers' Fort Worth District Office and the User's CADD systems.

#### 1.5.6 Specifications and Design Analysis

Specifications and design analysis shall be provided in hard copy and on the same CD-ROM disk as the drawings, Microsoft Word for Windows (Version 6 minimum, Wordspec Macro version, but shall be compatible with the version used at Fort Sam Houston) format. The Division 1 sections included in the RFP shall be reprinted in the final 100 percent construction specifications. Hard copies of the specifications and design analyses shall be bound separately in 3-ring binders. Each set of documents shall have its own Table of Contents. See Section 01016 DESIGN DOCUMENTS REQUIREMENTS for editing and format requirements.

#### 1.6 DESIGN DOCUMENTS

Design documents shall include construction drawings, specifications, design analysis, and drafts of DD Form 1354. Detailing and installation of all equipment and materials shall comply with the manufacturers' recommendations. Construction drawings and specifications shall not make reference to RFP requirements. The Contractor, including designers, shall visit the site and make other trips as necessary during the design to accomplish the work. See Section 01016 DESIGN DOCUMENT REQUIREMENTS for additional descriptions.

### 1.6.1 Drawings

See paragraph SUBMISSION OF CONSTRUCTION DRAWINGS, SPECIFICATIONS AND DESIGN ANALYSES, subparagraph "Final Construction Documents."

### 1.6.2 Specifications

Specifications shall be in sufficient detail to fully describe and demonstrate the quality of materials, the installation and performance of equipment, and the quality of workmanship. Specifications shall conform to the Construction Specifications Institute (CSI) 16-Division 3-Part format, follow the CSI's section numbering system defined in CSI Masterformat, and utilize the Corps of Engineers CEGS, Fort Worth District FW guide specifications, and Fort Worth District Supplements to the CEGS. Specifications shall include any mandatory specifications specified in Division 3 ATTACHMENTS. Division 1 specifications shall consist of the Division 1 sections included in this RFP. The specifications shall clearly identify the specific products chosen to meet the requirements of the RFP (manufacturers' brand names and model numbers or similar product information). Turfing sections shall indicate planting dates.

### 1.6.3 Design Analysis

Describe the design of each discipline of work, including all features and the necessary calculations, tables, methods, and sources used in determining equipment and material sizes and capacities. Provide sufficient information to support the design of the various categories such as, but not limited to, architectural, interior design, structural, mechanical, electrical, civil including grading, drainage, paving, environmental, and outside utility services, and RFP included items

### 1.6.4 DD Form 1354

The 1354 process consists of a preliminary (draft) DD Form 1354 and a Final DD Form 1354. Prepare a preliminary (draft) of DD Form 1354, TRANSFER AND ACCEPTANCE OF MILITARY REAL PROPERTY, so that Fort Sam Houston can update their real property maintenance records. This draft shall contain as many of the resource code items with cost and quantity data as can be developed from the Contractor's final 100% design documents. Submit it to the Contracting Officer within 30 days of the Government's acceptance of the 100% design documents. The Government will use this Final DD Form 1354 to develop the interim 1354. The form, a sample of a completed form, and a general list of resource codes with cost and quantity data are included in Division 3 ATTACHMENTS. An electronic file of the form, DD1354.frl, for use with Delrina Perform Pro Form Filler, version 16 Jul 1992, is located on the Solicitation CD-ROM disk.

## 1.7 DESIGN AND CONSTRUCTION PERSONNEL QUALIFICATIONS

### 1.7.1 Project Manager

The project manager shall have a recognized four-year or higher college degree in architecture, engineering (or related technical fields), or construction management and have at least 5 years experience in managing design and construction projects or 10 years experience in managing construction projects only.

### 1.7.2 Project Architect

The project architect shall have a recognized four-year or higher college degree in architecture, be professionally licensed, 3 years experience as a lead architect, and have at least 5 years design experience, including experience in the design of dining facilities and cafeterias.

### 1.7.3 Designers

Provide at least one professional licensed architect or engineer for each of the design disciplines (architectural, landscape architectural, civil, electrical, mechanical, and structural design) with at least 5 years experience in their discipline. Each lead designer shall have a recognized four-year (or higher) college degree in architecture or engineering. The fire protection system shall be designed by a registered engineer with a minimum of five years experience in designing fire protection systems. The field work, analysis, and design of the cathodic protection system shall be accomplished by or under direct supervision of an engineer licensed in corrosion engineering or a corrosion specialist certified by the National Association of Corrosion Engineers (NACE).

### 1.7.4 Design Quality Control Manager

Design quality control manager and the alternate manager qualifications are specified in Section 01430 DESIGN QUALITY CONTROL. Design quality control manager shall not be the same person as the construction quality control manager.

### 1.7.5 Construction Quality Control Manager

Construction quality control manager and assistants qualifications are specified in Section 01451 CONSTRUCTION QUALITY CONTROL. Construction quality control manager shall not be the same person as the design quality control manager.

### 1.7.6 CADD Personnel

CADD personnel shall be proficient in the preparation of architectural and engineering drawings and the CADD equipment that will be used to create the required drawings and record drawings. The lead CADD person shall have at least 5 years experience on the proposed equipment.

### 1.7.7 Project Schedule Scheduler

Qualifications for the Scheduler are specified in Section 01320 PROJECT SCHEDULE.

### 1.8 DESIGNER(S) OF RECORD

The Contractor shall identify, for approval, the Designer of Record for each area of work. One Designer of Record may be responsible for more than one area. All areas of design disciplines shall be accounted for by a listed, registered Designer of Record. The Designer(s) of Record shall stamp, sign, and date all design drawings under their responsible discipline at each design submittal stage (see Section 00800 clause "Registration of Designers.")

### 1.9 CONSTRUCTION MANAGEMENT KEY PERSONNEL

The Contractor's construction management key personnel shall be actively involved during the design process to effectively integrate the design and construction requirements of this contract. In addition to the typical required construction activities, the Contractor's involvement shall include, but is not limited to, actions such as integrating the design schedule into the Master Schedule to maximize the effectiveness of fast-tracking design and construction (within the limits allowed in the contract), ensuring constructability and economy of the design, integrating the material and equipment acquisition programs to meet critical schedules, effectively interfacing the construction QC program with the design QC program, and maintaining and providing the design team with accurate, up-to-date redline and as-built documentation. The Contractor shall require and manage the active involvement of key trade subcontractors in the above activities. The Contractor's Quality Control Staff will check and certify all submittals.

#### 1.10 DESIGN SUBMITTALS

##### 1.10.1 General

The Contractor shall schedule the number and date of the design submittal phases and conferences. Design submittals are required at the preliminary (50 percent), final (100 percent) design stages and at the corrected final design stage. The number, date, and contents of the design submittal phases shall be reflected in the project schedules. An authorization letter to start work will be provided separately by the Contracting Officer for each phase of the design. See paragraph "Government Design Review and Acceptance" and Section 01016 DESIGN DOCUMENTS REQUIREMENTS for additional requirements.

##### 1.10.2 50 Percent Design Submittal

The 50 percent design submittal includes the 50 percent in-progress building design plus the 100 percent complete site work, exterior utilities, and foundation design. These documents shall be packaged and stamped "For Review Only - 50% Design"; and each sheet of the drawings shall also be stamped except sitework, exterior utilities, and foundation drawings, which will be stamped 100% design submittal. See Section 01016 DESIGN DOCUMENTS REQUIREMENTS for additional requirements.

##### 1.10.3 100 Percent Design Submittal

The 100 percent design submittal includes complete site and utility design and building design and shall be stamped "For Review Only -100% Design", and each sheet of the drawings shall also be stamped. Contractor shall make final proposal of all materials and finishes at this stage.

##### 1.10.4 Compliance Check Design Submittal

The compliance check design submittal(s) after the Government review of the 100 percent complete building design shall be stamped "100% Corrected Design"; and each sheet of the drawings shall also be stamped and signed by the Designer of Record.

##### 1.10.5 Insufficient Design Submittals and Delays

No additional time for completion of the contract will be granted to the Contractor due to insufficient design submittals. Delays caused by the

Contractor in completion of the 50 percent design, 100 percent design, or the 100 percent corrected design will not be considered as valid reason to delay the entire project within the specified project duration.

#### 1.10.6 Deviations or Betterments

The Contractor shall bring to the Government's attention any deviations or betterments made to the RFP and Contractor's proposal documents. These shall be summarized in letter form with reasons and highlighted or clouded details on the applicable drawings and documents submitted. See Section 00800 SPECIAL CONTRACT REQUIREMENTS for additional requirements concerning betterments.

#### 1.10.7 Review Design Documents

The Contractor shall submit all drawing design documents on blue-line media with "FOR REVIEW" stamped in 12.5 mm high letters in the lower right corner in red ink. Specifications and Design Analyses shall be hard copy with "FOR REVIEW" stamped in 12.5 mm high letters in the lower right corner in red ink. The Contractor shall submit Contractor-approved documents on black-line media with "APPROVED FOR CONSTRUCTION" similarly stamped.

### 1.11 DESIGN REVIEWS

Design reviews will be held in the offices of the Fort Worth District's San Antonio Area Office at the preliminary (50 percent), final (100 percent), and corrected final stages of the final design in accordance with the Contractor's Project Schedule. The Government shall have thirty (30) calendar days review period for each submittal (50 percent design and 100 percent Design) and seven (7) calendar days review period for resubmittal of the 100 percent Design ([AM#3] including the 100% final site work, utilities, and foundation portion of the 50% Submittal and the Compliance Check Design) incorporating final review comments. Design review conference(s) between the Contractor and the Government may be held after submittal of the 50 percent and 100 percent design(s) if the Government determines them necessary. The time for Government review will be calculated from the date of receipt of the design submittals at the Government address to the date annotated conformance review comments are mailed to the Contractor.

#### 1.11.1 Review Intent

Reviews will be for conformance with the technical requirements of the Contract. If the Contractor disagrees technically with any comment and does not intend to comply with the comment, the Contractor shall clearly outline, with ample justification, the reasons for noncompliance within 5 days after receipt of these comments in order that the comment(s) can be resolved. The Contractor shall furnish disposition of all comments, in writing, with the next scheduled submittal. If the Contractor believes the action required by any comment exceeds the requirements of this contract, the Contractor shall immediately notify the Contracting Officer in writing and take no action regarding this matter until the matter is resolved.

#### 1.11.2 Late Submittals

If a design submittal is over one (1) day late in accordance with the latest design schedule, the Government review period will be extended 7 days. The review conference will be held the week after the review period. Submittal date revisions shall be in writing at least one week prior to

the affected submittal.

### 1.11.3 Review Document Distribution

For each review, review documents shall be sent, in the quantity indicated, to the addresses listed below. The documents will be in their then present "on-board" design status. All documents must contain an index of contents.

Work shall, however, continue up to the time of the review conference date(s) when 2 copies of then-current design documents will be brought to the issuing office for the conference review. Originals of transmittal letters shall be sent to the Area Engineer, address as shown below, and copies should accompany each mail package. Transmittal letters shall indicate distribution by use of the "ATTN" code shown in the address.

- (5 copies) District Engineer  
US Army Engineer District, Fort Worth  
ATTN: CESWF-EC-D (Jimmy Rawlings)  
P.O. Box 17300  
Fort Worth, TX 76102-0300
- (1 copy) District Engineer  
US Army Engineer District, Fort Worth  
ATTN: CESWF-EC-AM (Ms. Patty Murphy)  
P.O. Box 17300  
Fort Worth, TX 76102-0300
- (1 Copy) Goldie M. Bailey  
Proponent  
Facilities and Equipment Division  
U.S. Army Quartermaster Center and School  
Army Center of Excellence, Subsistence  
Fort Lee, VA 23801-5041
- (1 Copy) District Engineer  
US Army Corps of Engineers, Norfolk District  
Attn: CENAO-EN-D (Patrick J. Sullivan)  
803 Front Street  
Norfolk, VA 23510-1096
- (8 Copies) Directorate of Public Works  
ATTN: MCGA-PW-IP (Mr. Eisele)  
2202 15th Street, Building 4196  
Fort Sam Houston, TX 78234-5007
- (5 Copies) Area Engineer  
ATTN: CESWF-AO-S (Stuart Shillington)  
4204 Woodcock, Suite 245  
San Antonio, TX 78228-1319

### 1.11.4 Additional Review Time

If for any reason the Government requires more time than that stated for review, then the Contractor will be granted an extension of time equal to the number of calendar days of delay.

### 1.11.5 Government Design Review and Acceptance

Government personnel will present review comments for discussion and resolution. Copies of comments, annotated by the Designer of Record with

comment action agreed on, will be made available to all parties at least 10 calendar days prior to the conference. Review conferences will be scheduled by the Contractor. Unresolved problems will be resolved by immediate follow-on action at the end of conferences. Valid comments will be incorporated into the Documents. On receipt of final corrected design documents (with all backcheck comments incorporated) that are acceptable, the Contracting Officer shall notify the Contractor in writing that the documents are accepted and construction may begin.. The Government, however, reserves the right to not accept design document submittals if outstanding unincorporated comments are of too great a significance. In this case, every effort shall be made during follow-up action between the Contractor and the Fort Worth District to resolve conflicts and problems such that documents can be accepted. However, if final submittal(s) are incomplete or deficient, requiring correction by the Contractor and resubmittal for review, the cost of rehandling and reviewing will be deducted from payment due the Contractor at the rate of \$500.00 per submittal.

#### 1.11.5.1 Fort Sam Houston Cultural Office and State Historic Preservation Officer (SHPO)

These two offices will receive their copies (one each) from the Directorate of Public Works and present their review comments for discussion and resolution. Copies of comments, annotated by the Designer of Record with comment action agreed on, will be made available to all parties at least 10 calendar days prior to the conference.

#### 1.12 Final Construction Documents

Following the last submittal, the Contractor shall forward the completed original set of reproducibles for acceptance. Upon Government acceptance of corrected final (100%) design documents, the original will be returned to the Contractor for reproduction purposes. The Contractor shall be responsible for reproduction. Within 7 calendar days after acceptance, the Contractor shall mail 1 complete set of the accepted design documents to the Fort Worth District (CESWF-EC-AM (Contract Administration Branch) and 10 complete sets to the Corps of Engineers' San Antonio Area Office. Each set shall consist of full size paper drawings, specifications, and design analysis and CD-ROM disk(s) containing all drawing, specifications, submittal register, and design analysis files). During and upon completion of the project, the accepted design documents shall be corrected to reflect as-built conditions in accordance with Section 01700 CONTRACT CLOSEOUT.

#### 1.12 COORDINATION

##### 1.12.1 Written Records

The Contractor shall prepare a written record of each design site visit, meeting, or conference, either telephonic or personal, and furnish copies to the Contracting Officer and all parties involved within 5 working days. Include subject, names of participants, outline of discussion, and recommendation or conclusions. Number each written record for the particular project under design in consecutive order.

##### 1.12.2 Design Needs List

Throughout the life of the Contract the Contractor shall furnish the Contracting Officer a biweekly "needs" list for design related items. This list shall itemize in an orderly fashion design data required by the

Contractor to advance the design in a timely manner. Each list shall include a sequence number, description of action item, and the name of the individual or agency responsible for satisfying the action item and remarks. Maintain the list on a continuous basis with satisfied action items checked off and new action items added as required. Once a request for information is initiated, that item shall remain on the list until the requested information has been furnished or otherwise resolved. Mail copies of the lists\ to both the Contracting Officer and the agencies tasked with supplying the information.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION

3.1 ATTACHMENTS

ATTACHMENT A

[Prime Contractor's Letterhead]

Date: \_\_\_\_\_

Contract No.: \_\_\_\_\_

[Reviewing Component Address]

Subject: DESIGN CERTIFICATION AND TRANSMITTAL FOR

Project Title: \_\_\_\_\_

Project Location: \_\_\_\_\_

Contract No.: \_\_\_\_\_

Gentlemen,

Enclosed are the following documents which I hereby certify are in compliance with the Contract requirements of the subject construction contract and can be used to commence construction subject to Government acceptance:

- 1. Design Drawings
- 2. Project Specifications
- 3. Design Analysis
  - a. Civil
  - b. Water Supply and Wastewater Collection
  - c. Architectural
  - d. Interior Design
  - e. Structural
  - f. Mechanical
  - g. Fire Protection
  - h. Electrical
  - i. Environmental
- j. Landscape Architectural
- 4. Submittal Register

\_\_\_\_\_  
[Typed Name and Signature of the  
Officer of the Prime Contractor's company]

5. Deviations

Copy to: [As standard with the Contractor]

\_\_\_\_\_  
[Typed Name and Signature of the  
Licensed Architect/Engineer of Record]

-- End of Section --