

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. <i>(If applicable)</i>
6. ISSUED BY	CODE	7. ADMINISTERED BY <i>(If other than Item 6)</i>		CODE

8. NAME AND ADDRESS OF CONTRACTOR <i>(No., street, county, State and ZIP Code)</i>	(X)	9A. AMENDMENT OF SOLICIATION NO.
		9B. DATED <i>(SEE ITEM 11)</i>
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED <i>(SEE ITEM 11)</i>
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: <i>(Specify authority)</i> 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 <i>(such as changes in paying office, appropriation date, etc.)</i> 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 <i>(Specify type of modification and authority)</i>

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 <i>(Type or print)</i>		16A. NAME AND TITLE OF CONTRACTING OFFICER <i>(Type or print)</i>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
<i>(Signature of person authorized to sign)</i>		<i>(Signature of Contracting Officer)</i>	

Item 14. (cont'd)

A. CHANGES TO BIDDING SCHEDULE

1. Replace the Bidding Schedule, pages 00010-3 through 00010-7, with the accompanying new Bidding Schedule, bearing the notation "ACCOMPANYING AMENDMENT NO. 0007 TO SOLICITATION NO. DACA63-03-B-0002."

B. CHANGES TO THE SPECIFICATIONS

1. New Section added – Add the following new section, bearing the notation "ACCOMPANYING AMENDMENT NO. 0007 TO SOLICITATION NO. DACA63-03-B-0002:"

SECTION 01312A QUALITY CONTROL SYSTEM (QCS)

2. Replacement Sections - Replace the following section with the accompanying new section of the same number and title, bearing the notation "ACCOMPANYING AMENDMENT NO. 0007 TO SOLICITATION NO. DACA63-03-B-0002:"

SECTION 01000 CONSTRUCTION SCHEDULE

C. WRITE IN CHANGES TO SPECIFICATIONS

1. Section 01322 – Project Schedule

a. 2.1.1 Preliminary Network Diagram: In the 1st sentence after the word “Schedule” add the following: “and hand-drawn network diagram”.

b. 2.1.2.1 f. Negative Lags: Delete the 2nd sentence in it’s entirety and add the following new 2nd sentence: “If the Contractor uses PDM scheduling; no leads or lags will be permitted and only “Finish to Start” relationships will be used to show logic of activities.”

c. 2.10.1.5e: Delete this subparagraph in it’s entirety

2. Section 09900 – Paints and Coatings, paragraph 3.14.1, Exterior Paint Tables: Add a new paint table under “Division 5: Exterior Metal, Ferrous and Non-Ferrous Paint Table, Steel/Ferrous Surfaces: As follows:

“B1. Existing painted metal panels and exposed steel on deployment facility.

Primer	Intermediate	Topcoat
MPI 101	MPI 108	MPI 72
System DFT: 7.0 mils		

Surface preparation shall consists of washing with detergent solution and abrating all surfaces to remove chalky and to degloss the surface. Use 3M Scotchbrite plastic abrasive pads on the entire surface for abrating the existing paint. Topcoat shall match the color indicated on the drawings.”

3. Section 16711A – Telephone System, Outside Plant, paragraph 2.10.1 Fiber Optic Connectors: Delete this paragraph in its entirety and replace with the following:

“2.10.1 Fiber Optic Connectors:

All outside plant fiber strands shall be terminated in a ST type fiber optic connector, with a ceramic ferrule material and a maximum insertion loss of 0.5db. ST type connectors shall be bonded directly to outside plant fiber strands utilizing a heat-cured epoxy method. Mechanical/Crimp type ST connectors will not be utilized. Terminations shall meet performance standard of EIA/TIA- 568B and any other pertinent industry standards. All fiber strands shall be buffered and approximately 1 meter in length from the butt of the cable where fan out begins to the termination utilizing appropriate methods.”

4. Section 08700 – Builder’s Hardware
 - a. deleted
 - b. On HW-2, HW-7: add “use hinges, A5112x630 with appropriate labels for fire rating at rated doors.”
 - c. On HW-3, HW-4, HW-5, HW-9, HW-10, HW-12: change “Hinges, A511x630” to “Hinges, A5112x630 with appropriate label for fire rating at rated doors.”
 - d. On HW-9 & HW-16: change “Hinges, A2112x630” to “Hinges, A5112x630 with appropriate label for fire rating at rated doors.”

D. WRITE TO CHANGES TO DRAWINGS

1. Sheet C-102, Haul Route and Borrow Pit Locations – Delete arrows and notes; “Security Gate” and “Alternate Haul Route”.

2. Sheet C-509, Security Fence Details – Change “1.83M” to “2.13M in Note 4”.

3. Sheet C-510, Security Gate Details – Add the following general notes to this sheet:

“Notes:

1. Provide Master-Halco aluminum cantilever sliding gate and operator or approved equal.
2. Gate operator shall be electrically operated and controlled with (open, close, stop) switches located in room 137 of new Operations Bldg.
3. Provide new posts (3 each) for gate supports.
4. Submit shop drawings for government approval before starting work.
5. Master-Halco representative shall supervise installation of gate and demonstrate performance to government representative.
6. Demolition existing gate, motor, and fence by Contractor as necessary to install new gate and operator.

7. Operator shall be Model 222E, hydraulic operator in 10 gage steel enclosure with drive rail and manual disconnect switch.

8. Provide manufacturer's (Master-Halco) standard 5-year warranty.

4. Sheet C-518, Miscellaneous Details – On detail C1 – change “See Arch.” to “See Struct. Sheet SB502”

5. Sheet CA106 – Joint Layout Plan, Deployment Center – Add a new note: All odd-shaped concrete pavement slabs and slabs that have structures (manholes, valves boxes, etc.) in the pavement shall be reinforced with #10M bars at 460 MM O.C.E.W.

6. CE-117 – Striping Plan, Ammo Upload Road – Change detail: “Hold Line” from F5/C-508 to G2/C-508.

7. CE-113 – Joint Layout, Plan, Ammo Upload Road –

1. For Details D1/C-506 – Change the arrows to point at the junction of the asphalt and concrete.

2. Change A2/C502, Transverse Contraction Joints to “B5/C-507”.

3. Change “Longitudinal contraction joints w/tie bars (Plate A-27)” to read: Longitudinal construction joints w/tie bars (#16M deformed bars at 600 MM O.C.).

4. Change “Longitudinal construction/contraction joints w/#16 at 760 MM O.C. (Plate A-2672)” to read as follows: “Longitudinal construction joints w/#16M at 600 MM O.C. - #16 are deformed bars).

5. On new Ammo Upload Pad change the “doweled longitudinal construction joints” symbol for all the inside joints on the exterior slabs to “longitudinal construction joints w/tie bars (#16M deformed bars at 600 MM O.C.).”

7A. C-504 – Pavement Details – Modify Paving key note items 2 to read 230mm Portland Cement Concrete Reinforced with #16M bars spaced at 600mm O.C.E.W. (See spec 02753)

7B. C-506 – Pavement Details – On detail D1 change thickness section 2 to read 230mm and thickened edge to read 300mm.

7C. C-506 – Pavement Details – On detail F5 change thickness section 2 to read 230mm and thickened edge to read 300mm.

8. S-002 – Standard Details – Add the following note “Refer to Detail E3/S501 and Section G5/S501 for reinforcement of 42” diameter pier.”

9. S-003 – Standard Details – Add the following note to the “Steel Lintel Schedule”: All steel lintel angles shall be G90 hot-dip galvanized.”

10. Sheet EU100, Electrical Key Plan – Add a new general note # 8 as follows:

“8. All disturbed turfed areas on the airfield inside the security fence due to Contractor operations (trenching, excavation, etc.) shall receive the following turfing treatment:

a. Spread top soil to minimum of 4 inches deep and remove all exposed rocks greater than ¼ inches in diameter,

b. Fertilize and prepare ground,

c. Seed with Common Bermuda and Buffalo grass seed mixture,

d. Mulch, water, mow, and maintain the turf for 3 months. Turfing shall completely cover 95% of the treated area before acceptance by the Government.

11. EX110 – Electrical Site Plan, Area 10 – Add circuit “AP33B” to note.

12. EX111 – Electrical Site Plan, Area 11 – Add circuit “AP33B” to note.

13. EX114 – Electrical Site Plan, Area 17 – Add circuits “AP15B” and “AP33B” to note.

14. EX115 – Electrical Site Plan, Area 18 – Replace “AP15A” with “AP33B” in note.

15. EX116 – Electrical Site Plan, Area 19 – Replace “AP15A” with “AP33B” in note.

16. EX117 – Electrical Site Plan, Area 20 – Replace “AP15A” with “AP33B” in note.

17. EX118 – Electrical Site Plan, Area 21 – In the note; replace circuit “AP15A” with “AP33B”.

18. EX119 – Electrical Site Plan, Area 22 – In the note; replace circuit “AP15A” with “AP33B”.

19. EX120 – Electrical Site Plan, Area 23 – In the note; replace circuit “AP15A” with “AP33B”.

20. EX401 – Lighting Vault, Equipment Plan –

1. On front view #1 – Change “Existing” to “New” equipment rack typical front view.

2. Darken regulators “AP15B” and “AP33B”.

3. Change note: “Provide and install new regulators under this contract “to read as follows: “ Provide four new regulators (AP15A, AP15B, AP33A and AP33B) with Crouse-Hinds' Digitrac interface units for each regulator with all necessary conduit, busway plug-in circuit breakers, mounting brackets, etc. for operator and Control Approach Lighting by existing Computerized Airfield Lighting system.”

21. EX503 – Pavement Replacement Details

1. Change Key Note 1 to read as follows: 150 MM of 3000 psi concrete

2. Change Key Note 2 to read as follows: 150 MM aggregate base course compacted to at least 100% of max. density (see spec 02722).

22. EX601 – Runway and Approach Lighting, Wiring Diagram 1 – Delete “note: Circuits AP15A and AP15B are Bid Option 3” in its entirety.

23. EX603 – Lighting Vault, Power Riser Diagram – Darken and cloud regulators and circuits for CKT AP15B and CKT AP33B.

24. EX604 – Airfield Lighting Circuit and Duct Run Schedule – Change the note that reads “All circuits are existing except AP15A, AP33A, SCN, SCS, SFS1, SFS2, SFT and SF1” to read as follows:

“All circuits are existing except AP15A, AP15B, AP33A, AP33B, SCN, SCS, SFS1, SFS2, SFT and SF1.”

25. Sheet AA601, Deployment Facility Door Schedule –

1. Door Nos. A28 & A31: delete remarks “Cont. Hinge”.

2. Door Nos. A32, A33, & A37: change “HW-1” to “HW-2”.

3. Door Nos. A13, A47, A49 & A60: add the following to the remarks column: “With Fire Rated Glazing (SuperLite II-XL by Safety and Fire Rated Technology International, SAFTI, Telephone 415-822-4222)”.

4. On Door A49 Change “TYPE” from “A” to “B” and change hardware set from “HW-1” to “HW-2”.

5. Under the descriptions of DOOR TYPES “B” and “D” add the following: “for fire rated doors, vision panels glazing shall be SuperLite II-XL by Safety and Fire Rated Technology International, SAFTI, Telephone 415-822-4222.”

26. Sheet AC601, Base Operations Door and Window Schedules –

1. Door No. C21: delete Type “E”.

2. Door No. C37: add the following to the remarks column: “With Fire Rated Glazing (SuperLite II-XL by Safety and Fire Rated Technology International, SAFTI, Telephone 415-822-4222)”.

3. Under the descriptions of DOOR TYPE “D” add the following: “ for fire rated doors, vision panels glazing shall be SuperLite II-XL by Safety and Fire Rated Technology International, SAFTI, Telephone 415-822-4222.”

Fixed Wing Aircraft Parking Apron, Phase II (Title)
Fort Hood, Texas (Location)

Sollicitation No.DACA63-03-B-0002

BIDDING SCHEDULE
 (To be attached to SF 1442)

BASE BID: All work required by the plans and specifications exclusive of work required by Option Bid Items.

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
0001	Deployment Facility; complete, including utilities to the 1524mm (5-ft) line, and exclusive of all other work listed separately.				
		Job	Sum	***	\$ _____
0002	Pallet Warehouse complete, including utilities to the 1524mm (5-ft) line, and exclusive of all other work listed separately.				
		Job	Sum	***	\$ _____
0003	Base Operations Building complete, including utilities to the 1524mm (5-ft) line, and exclusive of all other work listed separately.				
		Job	Sum	***	\$ _____
0004	Drilled Piers				
0004AA	457mm (18-In) Drilled Piers	384 (Am#2)	M	\$ _____	\$ _____
0004AB	457mm (18-In) Casing	38 (Am#2)	M	\$ _____	\$ _____
0004AC	610mm (24-In) Drilled Piers	332 (Am#2)	M	\$ _____	\$ _____
0004AD	610mm (24-In) Casings	33 (Am#2)	M	\$ _____	\$ _____
(Am#4)	0004AG DELETED				
(Am#4)	0004AH DELETED				
(Am#4)	0004AJ DELETED				
(Am#4)	0004AK DELETED				
(Am#4)	0004AL 1067mm (42-In) Drilled Piers	54	M	\$ _____	\$ _____
(Am#4)	0004AM 1067mm (42-In) Casings	5	M	\$ _____	\$ _____
0005	Aircraft Parking Apron	Job	Sum	***	\$ _____
0006	Ammo Upload Road	Job	Sum	***	\$ _____

Fixed Wing Aircraft Parking Apron, Phase II (Title)
Fort Hood, Texas (Location)

Sollicitation No.DACA63-03-B-0002

BIDDING SCHEDULE

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount	
0007	Rotary Wing Helicopter Apron Job		Sum	***	\$ _____	
0008	Runway Approach Lighting Job		Sum	***	\$ _____	
0009	Taxiway Rehabilitation Job		Sum	***	\$ _____	
0010	HTRW Abatement Job		Sum	***	\$ _____	
0011	Airfield Signage & Lighting Job		Sum	***	\$ _____	
(Am#2) 0012	<u>150mm Reinforced Concrete Pavement</u>	209	M3	\$ _____	\$ _____	
(Am#2) 0013	<u>180mm Reinforced Concrete Pavement</u>	430	M3	\$ _____	\$ _____	
(Am#2) 0014	<u>230mm (Am#7) Concrete Pavement</u>	1,323	M3	\$ _____	\$ _____	
(Am#2) 0015	<u>381mm (Am#7) Concrete Pavement</u>	(Am#7) 7,503	M3	\$ _____	\$ _____	
0016	<u>DELETED (Am#7)</u>					
(Am#2) 0017	<u>High Stability Hot Mix Surface Course</u>	1,020	MT	\$ _____	\$ _____	
0018	Construct all Exterior <u>Work (Am#7)</u> (Including utilities, earthwork, paving, sidewalk, curb and gutter, screen walls, demolition and landscaping and all work not (Am#7) listed separately)		Job	Sum	***	\$ _____
0019	Final As-Built Drawings		Job	Sum	***	\$ <u>100,000.00</u>
0020	Operation and Maintenance Manuals		Job	Sum	***	\$ <u>27,000.00</u>
0021	Mobilization and Demobilization		Job	Sum	***	\$ _____

ACCOMPANYING AMENDMENT NO. 0007 TO SOLICITATION NO. DACA63-03-B-0002

Fixed Wing Aircraft Parking Apron, Phase II (Title)
Fort Hood, Texas (Location)

Sollicitation No.DACA63-03-B-0002

BIDDING SCHEDULE

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
0022	Warranty Work (All Contract Work)				
<p>The monetary value of this bid item shall equal at least 1 per cent of the total of all bid items preceding it. A value less than 1 per cent will result in a determination of non-responsive bid. See Contract Specification Section 01770F CONTRACT CLOSEOUT, paragraph "Contractor's Response to Construction Warranty Service Requirements."</p>					
		Job	Sum	***	\$ _____
TOTAL BASE BID					\$ _____

OPTION NO. 1: Additional cost for all work required by the plans and Specifications for the Airfield Parking Apron M.O.G. 7

<u>(Am#2) 0023</u>	<u>381mm Non-reinforced Concrete Pavement</u>	<u>4,900</u>	<u>M3</u>	<u>\$ _____</u>	<u>\$ _____</u>
<u>(Am#2) 0024</u>	<u>All other work not separately listed</u>	<u>Job</u>	<u>Sum</u>	<u>***</u>	<u>\$ _____</u>
<u>(Am#7) 0025</u>	<u>High Stability Hot Mix Surface Course</u>	<u>20</u>	<u>MT</u>	<u>\$ _____</u>	<u>\$ _____</u>
TOTAL OPTION NO. 1					\$ _____

TOTAL BASE BID PLUS OPTION No. 1 \$ _____

Fixed Wing Aircraft Parking Apron, Phase II (Title)
Fort Hood, Texas (Location)

Sollicitation No.DACA63-03-B-0002

BIDDING SCHEDULE

NOTES:

1. ARITHMETIC DISCREPANCIES (EFARS 14.407-2)

(a) For the purpose of initial evaluation of bids, the following will be utilized in resolving arithmetic discrepancies found on the face of the bidding schedule as submitted by bidders:

- (1) Obviously misplaced decimal points will be corrected;
- (2) In case of discrepancy between unit price and extended price, the unit price will govern;
- (3) Apparent errors in extension of unit prices will be corrected; and
- (4) Apparent errors in addition of lump-sum and extended prices will be corrected.

(b) For the purpose of bid evaluation, the Government will proceed on the assumption that the bidder intends his bid to be evaluated on the basis of the unit prices, the totals arrived at by resolution of arithmetic discrepancies as provided above and the bid will be so reflected on the abstract of bids.

(c) These correction procedures shall not be used to resolve any ambiguity concerning which bid is low.

2. If a modification to a bid based on unit prices is submitted, which provides for a lump sum adjustment to the total estimated cost, the application of the lump sum adjustment to each unit price in the bid schedule must be stated. If it is not stated, the bidder agrees that the lump sum adjustment shall be applied on a pro rata basis to every unit price in the bid schedule.

3. Bidders must bid on all items.

4. Costs attributable to Division 01 - General Requirements are assumed to be prorated among bid items listed.

5. Responders are advised that this requirement may be delayed, cancelled or revised at any time during the solicitation, selection, evaluation, negotiation and/or final award process based on decisions related to DOD changes in force structure and disposition of the Armed Forces.

Fixed Wing Aircraft Parking Apron, Phase II (Title)
Fort Hood, Texas (Location)

Sollicitation No.DACA63-03-B-0002

BIDDING SCHEDULE

NOTES: (cont)

6. For the purpose of this solicitation, the word "item" shall be considered to mean "schedule" as used in Provision 52.214-0019, CONTRACT AWARD--SEALED BIDDING--CONSTRUCTION, in Section 00100 INSTRUCTIONS, CONDITIONS, AND NOTICES TO BIDDERS.

7. EXERCISE OF OPTIONS (SWDR 715-1-1 (16 January 1996))

The Government reserves the right to exercise the option(s) by written notice to the Contractor either singularly or in any combination for up to 90 calendar days after award of the Base Bid without an increase in the Offeror's Bid Price. Completion of added items shall continue at the same schedule as the Base Bid unless otherwise noted in Section 01000 CONSTRUCTION SCHEDULE, paragraph 1 entitled SCHEDULE.

8. ABBREVIATIONS

For the purpose of this solicitation, the units of measure are represented as follows:

- a. EA (each)
- b. GAL (gallons)
- c. CF (cubic feet)
- d. SF (square feet)
- e. LF (linear feet)
- f. LS (lump sum)
- g. MM (millimeters)
- h. LM (length in linear meters)
- (Am#2) i. M3 (Cubic Meters)**
- (Am#2) j. MT (Metric Ton)**

END OF BIDDING SCHEDULE

SECTION 01000

CONSTRUCTION SCHEDULE
AM #0001 and AM #0007

PART 1 GENERAL

1.1 Schedule

Commence, prosecute, and complete the work under this Contract in accordance with the following schedule and Section 00800 SPECIAL CONTRACT REQUIREMENT clauses COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK and LIQUIDATED DAMAGES:

Item of Work	Commencement Of Work (calendar days)	Completion Of work (calendar days)	Liquidated Damages per calendar day ^[1]
(1) Deployment Center & Pallet Warehouse and All Associated Site Utilities & Site Work	Within 10 days After Receipt of Notice to Proceed	540 days	\$1,000.00
(2) Taxiways B and C & Associated Airfield Lighting & Site Work <u>[AM #0001]</u>	Within 10 days After Receipt of Notice to Proceed	<u>[AM #0001]</u> <u>150</u> days	\$1,000.00
(3) Ammo Upload Road & Associated Work <u>[AM #0001]</u>	Within 10 days After Receipt of Notice to Proceed	<u>[AM #0001]</u> <u>300</u> days	\$ 500.00
(4) Aircraft Parking Apron Associated Hydrants, Fuel Lines, Control, etc. West of the Demarcation Line	Within 10 days After Receipt of Notice to Proceed	<u>[AM #0001]</u> <u>450</u> days	\$ 500.00
(5) Base Operations Building and Associated Site Utilities & Site Work to include demolition of Bldg. #90050	60 Days after NTP	450 days	\$1,000.00
(6) All Work Not Separately Listed	Within 10 days after N.T.P.	540 days	\$ 200.00

Item of Work	Commencement Of Work (calendar days)	Completion Of work (calendar days)	Liquidated Damages per calendar day ^[1]
(7) Establishment of Turf	*	*	-----
(8) O&M Manuals	**	**	See Bidding Schedule's Withholding Amount
(9) Final As-Built Drawings	***	***	See Bidding Schedule's Withholding Amount
(10) Building # 90049 (Abatement & Demolition)	60 days after Completion of Base Operations Bldg	60 days	\$ 500.00
(11) Aircraft Parking Apron Work Restricted Area (Area East of Demarcation Line) <u>[AM #0001]</u>	10 days after approval by Contracting Officer	Within 70 days of start & within 375 days of N.T.P.	\$ 200.00
(12) Work Restricted Areas of <u>[AM #0001]</u> <u>Taxiways B & C</u>	10 days after Approval by Contracting Officer	60 days	\$ 300.00
<u>[AM #0001]</u>			
(13) <u>Helicopter Apron Repair & Striping</u> (Sheet# CJ101, CJ102 and CK101)	<u>10 days after Notice to Proceed</u>	<u>120 days</u>	<u>\$ 100.00</u>
<u>[AM #0001][AM #0007]</u>			
(14) <u>South Runway Approach Lighting (Runway 33)</u>	<u>450 days after Notice to Proceed</u>	<u>60 days</u>	<u>\$ 200.00</u>
<u>[AM #0007]</u>			
(15) <u>North Runway Approach Lighting</u>	<u>Within 10 days after Notice to Proceed</u>	<u>150 days</u>	<u>\$ 500.00</u>

¹Liquidated damages are not accumulative.

*Establishment of Turf

Planting and maintenance for turfing shall be in accordance with Section 02925 ESTABLISHMENT OF TURF. No payment will be made for establishment of turf until all requirements of the section are adequately performed and accepted, as determined by the Contracting Officer.

**6 Copies of approved O&M Manuals for each building shall be turned-in to the Government 60 days before completion of the respective Item of Work. See Section 01770 CONTRACT CLOSEOUT, paragraph OPERATION AND MAINTENANCE MANUALS.

***See Section 01770 CONTRACT CLOSEOUT, paragraph titled RECORD DRAWINGS.

1.1.1 Testing of Heating and Air-Conditioning Systems

The times stated for completion of this project includes all required testing specified in appropriate specification sections of heating, air conditioning and ventilation systems including HVAC Commissioning. Exception: boiler combustion efficiency test, boiler full load tests, cooling tower performance tests, and refrigeration equipment full load tests, when specified in the applicable specifications, shall be performed in the appropriate heating/cooling season as determined by the Contracting Officer.

1.2 TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER (OCT 1989)
(ER 415-1-15)(52.0001-4038 1/96)

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

(1) The weather experienced at the project site during the contract period must be found to be unusually severe, that is, more severe than the adverse weather anticipated for the project location during any given month.

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

b. The following schedule of monthly anticipated adverse weather delays due to precipitation and temperature is based on National Oceanic and Atmospheric Administration (NOAA) or similar data for the project location and will constitute the base line for monthly weather time evaluations. The contractor's progress schedule must reflect these anticipated adverse weather delays in all weather dependent activities. Wind is not considered in the Monthly Anticipated Adverse Weather Calendar Day Schedule.

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

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

4 4 4 4 6 4 3 3 4 4 3 4

c. Upon acknowledgment of the Notice to Proceed (NTP) and continuing throughout the contract, the contractor will record on the daily CQC report, the occurrence of adverse weather and resultant impact to normally scheduled work. Actual adverse weather delay days must prevent work on critical activities for 50 percent or more of the contractor's scheduled work day.

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

1.3 CONSTRUCTION PHASING

1.3.1 Phasing Requirements

The Contractor will be working adjacent to and on active aircraft taxiways, runways, and support areas while Robert Gray Army Airfield is in operation of Military and Civilian aircraft. RGAAF is critical to the Army's mission and national security. The contractor shall take care not to interfere or detrimentally affect the operation of the airfield runway or other facilities. Airfield operations must be maintained at all times. Airfield operations cannot tolerate typical construction dust and flying debris. The contractor must include in his Demolition Plan and Environmental Protection Plan procedures with intensive control measures to minimize dust and ensure that flying debris is eliminated. The contractor shall anticipate short periodic delays as well as extended periods as noted below to accommodate airfield operations.

The Contractor shall comply with all airfield safety and operational requirements. While working adjacent to active taxiways and runways, the Contractor's foreman in charge of the workers shall have a radio and be in constant communications with the airfield tower. The Contractor-supplied hand-held radios shall be equal to model #M-RK I, 900 MHz Ericsson EDACS Portable Radio and shall be on Frequency (to be programmed by DOIM). The Contractor shall provide one additional operational radio for communications with the control tower for use by the Government's Quality Assurance Representative. The Contractor shall pay \$32.00 per month per radio for Airtime for the length of the Contract or a total of \$3000 for total airtime to the Fort Hood DOIM. The radios will be turned-in to the Government at the end of the Contract.

All workers shall wear reflectorized bright red/orange high-visibility safety vests when working adjacent to taxiways and runways.

A. Work Restricted Area (WRA):

Work within 150 feet of the centerline of an existing taxiway or within [AM #0001] 150 feet of the edge of existing runway is in a Work Restricted Area (WRA). Construction of new Aircraft Parking, [AM #0001] B & C

Taxiways, Ammo Upload Road and Base Opns site work within 150 feet of a taxiway centerline or **[AM #0001] 150 feet** from closest runway edge is in a Work Restricted Area.

The contractor shall allow a minimum of 30 days prior notice for approval/disapproval of his proposed schedule to work in the various Work Restricted Areas (WRA). All aircraft will be diverted during the contractor's work in the WRA. Therefore, the duration of work in these areas must be minimized. The contractor must ensure the taxiway is safely accessible for the user's traffic throughout work in the WRA and or runway.

In order to allow for deployment of ammunitions, the contractor should anticipate being required to stop work and evacuate the Ammo Upload Road and Aircraft Parking WRA's for up to 3 each 48 hour-periods during scheduled work in these Work Restricted Areas.

(1) Construction in WRA's may be halted for periods of up to 15 minutes when aircraft are using the adjacent taxiway or runway. This should happen no more than 20 times a week on average.

(2) The Contractor shall erect a temporary 1 meter (3 feet) height chain-link fence along the 46 meters (150-foot) work restriction line at the south parking apron and at the taxiway adjacent to the runway. **[AM #0001]** This fence shall restrict personnel and equipment from entering the work restriction area. The fence shall be maintained from Contractor mobilization at the site until final inspection of the site. Additionally, the Contractor shall maintain lighted safety striped drums (18" dia x 3'-0") **[AM #0001] along the work restricted area line at 15' on center.**

(3) The Contractor shall schedule his construction within the work restriction area at **[AM #0001] Taxiways B & C** so that once he starts work in the area, he can complete the work within 60 days. Additionally, this work shall be completed **[AM #0001] 150** days after the Notice to Proceed. Liquidated Damages for this Item of Work **[AM #0001] shall be as shown in paragraph 1.1 Schedule.**

(4) The Contractor shall schedule his construction within the work restriction area at the Aircraft Parking Area so that once he starts work in the Aircraft Parking Area, he can complete the work within 70 days. Additionally, this work shall be completed **[AM #0001] 450** days after the Notice to Proceed. Liquidated Damages for this Item of Work shall be **[AM #0001] as shown in paragraph 1.1 Schedule.**

(5) The Contractor shall schedule his construction within the work restriction area at the Ammo Upload Road Area so that once he starts work in this Area, he can complete the work within 90 days. Additionally, this work shall be completed **[AM #0001] 300** days after the Notice to Proceed. Liquidated Damages for this Item of Work shall be **[AM #0001] \$500.00** per calendar day.

B. Airfield Approach Lighting:

(1) The existing approach lighting shall not be removed or made inoperative until the new approach lighting is operational.

(2) The erection of the metal centerline light bars and flashers shall not commence until all foundations, electrical handholes, conducts, ducts, conductors, etc., are completed and ready for final erection of light

standards. Final erection of FAA type metal light structures shall be completed at one end of the runway and shall be operational and accepted by the Government before work on the other end shall start. The Contractor shall complete the installation and testing of the FAA approved light structures within 10 days after starting at either end. Airfield approach lighting at the north end of the runway shall commence before the south end.

C. Taxiway and Runway Lighting and Signage:

(1) Existing taxiway, runway and airfield signage lighting shall not be removed or made inoperative until the new lighting is operational or a transfer from the old lighting to the new is ready for a 1-hour transfer. Construction of the Taxiway Lights shall not begin until all materials for the work are approved and on-site. The Contractor shall inventory all the equipment and report the results of the inventory to the Q.A. The Contractor shall notify the Government 30 days before his scheduled start of this work.

(2) Contractor's construction and operations near the taxiways and runways will be restricted and limited to times when the airfield is not conducting aircraft landings, take-offs or operations on taxiways. The Contractor shall anticipate construction delays lasting 15 minutes or more several times a day.

D. Fire Alarm and Fire Sprinkler System:

The Contractor shall submit the fire alarm and fire sprinkler transmittals such that they are approved within 180 days after the notice to proceed. The fire alarm and fire sprinkler systems shall be tested per specification and completely operational [AM #0001] 60 days before the Final Inspection. Only 50% payment for all activities related to the fire alarm and fire sprinkler systems will be allowed prior to all contract requirements to include the final acceptance testing is successfully completed and the system is approved and accepted by the Contracting Officer.

1.4 WORK RESTRICTIONS

1.4.1 Working Hours

Normal working hours shall be Monday through Friday, 0700 to 1700 hours.

1.4.2 Security Requirements

For the duration of this Contract, access to Fort Hood will be delayed between 5 minutes to 30 minutes or more due to increased security precautions, including the checking of vehicle occupants' identification, vehicle manifests, and the searching of all vehicles. Any general or specific threat to the safety of those working or living at Fort Hood could result in longer waiting times at the access points to Fort Hood.

The following are requirements for contractor employees entering Fort Hood:

- a. One form of picture ID.
- b. A memo from the construction company on their letterhead stating the reason for entry, contract number, and the location at Fort Hood where the jobsite is located.
- c. All delivery trucks must have a bill of lading and delivery truck

drivers must have a picture ID.

d. Employee Identification Badges: Contractor personnel shall wear visible Contractor-furnished employee identification badges while physically on the Installation. Each badge shall include, as a minimum, the company name, employee name, photograph, Contract Title, Contract Number, and the expiration date of the badge. See Section 01500 TEMPORARY CONSTRUCTION FACILITIES for additional requirements.

1.5 UTILITIES

1.5.1 Payment for Utility Services

Water, gas, and electricity are available from Government-owned and operated systems and will be charged to the Contractor at rates as provided in Contract Clause 52.236.14 AVAILABILITY AND USE OF UTILITY SERVICES.

1.5.1.1 Meters and Temporary Connections

The Contractor, at its expense and in a manner satisfactory to the Contracting Officer, shall provide and maintain necessary temporary connections, distribution lines, and meter bases required to measure the amount of each utility used for the purpose of determining charges. The Contractor shall notify the Contracting Officer, in writing, 5 working days before utility (gas, water, electricity) connections are desired so that a utilities contract can be established.

1.5.1.2 Final Meter Reading

Before completion of the work and final acceptance of the work by the Government, the Contractor shall notify the Contracting Officer, in writing, 5 working days before termination is desired. The Government will take a final meter reading, disconnect service, and remove the meters. The Contractor shall then remove all the temporary distribution lines, meter bases, and associated paraphernalia. The Contractor shall pay all outstanding utility bills before final acceptance of the work by the Government.

1.5.2 Outages

The Contractor shall coordinate all requests for utility outages with the Contracting Officer in writing 14 days prior to date of requested outages:

a. Water and sewer outages shall be held to a maximum duration of 2 hours unless otherwise approved in writing.

b. All utility outages shall be scheduled only on Saturdays, Sundays, or holidays unless specific approval is otherwise received.

c. Gas or electrical outages are prohibited. Connections to gas and electric lines shall be connected hot without an outage. The Contractor shall submit his work plan for electrical connections 14 days before requested connection

1.6 STREET CLOSINGS

The Contractor shall coordinate all requests for street closings with the Contracting Officer in writing 14 days prior to date of requested outage:

a. One lane traffic shall be maintained at all times (except that a total closing may be allowed for specified 8-hour periods).

b. The final street repair shall be completed within 14 days after the start of any street closing. Any part of the street returned to service prior to final repair shall be maintained smooth with hot-mix cold-lay surface course.

c. Open cuts across paved roads and streets for utility crossing will not be allowed. Utility crossing will be accomplished by boring or jacking procedures unless otherwise indicated.

1.7 PAYMENT FOR MOBILIZATION AND DEMOBILIZATION (DFAR 252.236-7004)(DEC 1991)

(a) The Government will pay all costs for the mobilization and demobilization of all of the Contractor's plant and equipment at the contract lump sum price for this Item.

(1) 60 percent of the lump sum price upon completion of the Contractor's mobilization at the work site.

(2) The remaining 40 percent upon completion of demobilization.

(b) The Contracting Officer may require the Contractor to furnish cost data to justify this portion of the bid if the Contracting Officer believes that the percentages in paragraphs (a)(1) and (2) of this clause do not bear a reasonable relation to the cost of the work in this contract.

(1) Failure to justify such price to the satisfaction of the Contracting Officer will result in payment, as determined by the Contracting Officer, of-

(i) Actual mobilization costs at completion of mobilization;

(ii) Actual demobilization costs at completion of demobilization; and

(iii) The remainder of this item in the final payment under this contract.

(2) The Contracting Officer's determination of the actual costs in paragraph (b)(1) of this clause is not subject to appeal.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

-- End of Section --

SECTION 01312A

QUALITY CONTROL SYSTEM (QCS)

08/01

[AM #0007]

PART 1 GENERAL

1.1 GENERAL

The Government will use the Resident Management System for Windows (RMS) to assist in its monitoring and administration of this contract. The Contractor shall use the Government-furnished Construction Contractor Module of RMS, referred to as QCS, to record, maintain, and submit various information throughout the contract period. The Contractor module, user manuals, updates, and training information can be downloaded from the following web site: <http://winrms.usace.army.mil/>. This joint Government-Contractor use of RMS and QCS will facilitate electronic exchange of information and overall management of the contract. QCS provides the means for the Contractor to input, track, and electronically share information with the Government in the following areas:

- Administration
- Finances
- Quality Control
- Submittal Monitoring
- Scheduling
- Import/Export of Data

1.1.1 Correspondence and Electronic Communications

For ease and speed of communications, both Government and Contractor will, to the maximum extent feasible, exchange correspondence and other documents in electronic format. Correspondence, pay requests and other documents comprising the official contract record shall also be provided in paper format, with signatures and dates where necessary. Paper documents will govern, in the event of discrepancy with the electronic version.

1.1.2 Other Factors

Particular attention is directed to Contract Clause, "Schedules for Construction Contracts", Contract Clause, "Payments", Section 01320A, PROJECT SCHEDULE, Section 01330, SUBMITTAL PROCEDURES, and Section 01451A, CONTRACTOR QUALITY CONTROL, which have a direct relationship to the reporting to be accomplished through QCS. Also, there is no separate payment for establishing and maintaining the QCS database; all costs associated therewith shall be included in the contract pricing for the work.

1.2 QCS SOFTWARE

QCS is a Windows-based program that can be run on a stand-alone personal computer or on a network. The Government will make available the QCS software to the Contractor after award of the construction contract. Prior to the Pre-Construction Conference, the Contractor shall be responsible to

download, install and use the latest version of the QCS software from the Government's RMS Internet Website. Upon specific justification and request by the Contractor, the Government can provide QCS on 3-1/2 inch high-density diskettes or CD-ROM. Any program updates of QCS will be made available to the Contractor via the Government RMS Website as they become available.

1.3 SYSTEM REQUIREMENTS

The following listed hardware and software is the minimum system configuration that the Contractor shall have to run QCS:

Hardware

IBM-compatible PC with 200 MHz Pentium or higher processor

32+ MB RAM

4 GB hard drive disk space for sole use by the QCS system

3 1/2 inch high-density floppy drive

Compact disk (CD) Reader

Color monitor

Laser printer compatible with HP LaserJet III or better, with minimum 4 MB installed memory.

Connection to the Internet, minimum 28 BPS

Software

MS Windows 95 or newer version operating system (MS Windows NT 4.0 or newer is recommended)

Word Processing software compatible with MS Word 97 or newer

Internet browser

The Contractor's computer system shall be protected by virus protection software that is regularly upgraded with all issued manufacturer's updates throughout the life of the contract.

Electronic mail (E-mail) compatible with MS Outlook

1.4 RELATED INFORMATION

1.4.1 QCS User Guide

After contract award, the Contractor shall download instructions for the installation and use of QCS from the Government RMS Internet Website; the Contractor can obtain the current address from the Government. In case of justifiable difficulties, the Government will provide the Contractor with a CD-ROM containing these instructions.

1.4.2 Contractor Quality Control(QQC) Training

The use of QCS will be discussed with the Contractor's QC System Manager during the mandatory QQC Training class.

1.5 CONTRACT DATABASE

Prior to the pre-construction conference, the Government shall provide the Contractor with basic contract award data to use for QCS. The Government will provide data updates to the Contractor as needed, generally by files attached to E-mail. These updates will generally consist of submittal reviews, correspondence status, QA comments, and other administrative and QA data.

1.6 DATABASE MAINTENANCE

The Contractor shall establish, maintain, and update data for the contract in the QCS database throughout the duration of the contract. The Contractor shall establish and maintain the QCS database at the Contractor's site office. Data updates to the Government shall be submitted by E-mail with file attachments, e.g., daily reports, schedule updates, payment requests. If permitted by the Contracting Officer, a data diskette or CD-ROM may be used instead of E-mail (see Paragraph DATA SUBMISSION VIA COMPUTER DISKETTE OR CD-ROM). The QCS database typically shall include current data on the following items:

1.6.1 Administration

1.6.1.1 Contractor Information

The database shall contain the Contractor's name, address, telephone numbers, management staff, and other required items. Within 14 calendar days of receipt of QCS software from the Government, the Contractor shall deliver Contractor administrative data in electronic format via E-mail.

1.6.1.2 Subcontractor Information

The database shall contain the name, trade, address, phone numbers, and other required information for all subcontractors. A subcontractor must be listed separately for each trade to be performed. Each subcontractor/trade shall be assigned a unique Responsibility Code, provided in QCS. Within 14 calendar days of receipt of QCS software from the Government, the Contractor shall deliver subcontractor administrative data in electronic format via E-mail.

1.6.1.3 Correspondence

All Contractor correspondence to the Government shall be identified with a serial number. Correspondence initiated by the Contractor's site office shall be prefixed with "S". Letters initiated by the Contractor's home (main) office shall be prefixed with "H". Letters shall be numbered starting from 0001. (e.g., H-0001 or S-0001). The Government's letters to the Contractor will be prefixed with "C".

1.6.1.4 Equipment

The Contractor's QCS database shall contain a current list of equipment planned for use or being used on the jobsite, including the most recent and planned equipment inspection dates.

1.6.1.5 Management Reporting

QCS includes a number of reports that Contractor management can use to track the status of the project. The value of these reports is reflective of the quality of the data input, and is maintained in the various sections of QCS. Among these reports are: Progress Payment Request worksheet, QA/QC comments, Submittal Register Status, Three-Phase Inspection checklists.

1.6.2 Finances

1.6.2.1 Pay Activity Data

The QCS database shall include a list of pay activities that the Contractor shall develop in conjunction with the construction schedule. The sum of all pay activities shall be equal to the total contract amount, including modifications. Pay activities shall be grouped by Contract Line Item Number (CLIN), and the sum of the activities shall equal the amount of each CLIN. The total of all CLINs equals the Contract Amount.

1.6.2.2 Payment Requests

All progress payment requests shall be prepared using QCS. The Contractor shall complete the payment request worksheet and include it with the payment request. The work completed under the contract, measured as percent or as specific quantities, shall be updated at least monthly. After the update, the Contractor shall generate a payment request report using QCS. The Contractor shall submit the payment requests with supporting data by E-mail with file attachment(s). If permitted by the Contracting Officer, a data diskette may be used instead of E-mail. A signed paper copy of the approved payment request is also required, which shall govern in the event of discrepancy with the electronic version.

1.6.3 Quality Control (QC)

QCS provides a means to track implementation of the 3-phase QC Control System, prepare daily reports, identify and track deficiencies, document progress of work, and support other contractor QC requirements. The Contractor shall maintain this data on a daily basis. Entered data will automatically output to the QCS generated daily report. The Contractor shall provide the Government a Contractor Quality Control (CQC) Plan within the time required in Section 01451A, CONTRACTOR QUALITY CONTROL. Within seven calendar days of Government acceptance, the Contractor shall submit a data diskette or CD-ROM reflecting the information contained in the accepted CQC Plan: schedule, pay activities, features of work, submittal register, QC requirements, and equipment list.

1.6.3.1 Daily Contractor Quality Control (CQC) Reports.

QCS includes the means to produce the Daily CQC Report. The Contractor may use other formats to record basic QC data. However, the Daily CQC Report generated by QCS shall be the Contractor's official report. Data from any supplemental reports by the Contractor shall be summarized and consolidated

onto the QCS-generated Daily CQC Report. Daily CQC Reports shall be submitted as required by Section 01451A, CONTRACTOR QUALITY CONTROL. Reports shall be submitted electronically to the Government using E-mail or diskette within 24 hours after the date covered by the report. Use of either mode of submittal shall be coordinated with the Government representative. The Contractor shall also provide the Government a signed, printed copy of the daily CQC report.

1.6.3.2 Deficiency Tracking.

The Contractor shall use QCS to track deficiencies. Deficiencies identified by the Contractor will be numerically tracked using QC punch list items. The Contractor shall maintain a current log of its QC punch list items in the QCS database. The Government will log the deficiencies it has identified using its QA punch list items. The Government's QA punch list items will be included in its export file to the Contractor. The Contractor shall regularly update the correction status of both QC and QA punch list items.

1.6.3.3 Three-Phase Control Meetings

The Contractor shall maintain scheduled and actual dates and times of preparatory and initial control meetings in QCS.

1.6.3.4 Accident/Safety Tracking.

The Government will issue safety comments, directions, or guidance whenever safety deficiencies are observed. The Government's safety comments will be included in its export file to the Contractor. The Contractor shall regularly update the correction status of the safety comments. In addition, the Contractor shall utilize QCS to advise the Government of any accidents occurring on the jobsite. This brief supplemental entry is not to be considered as a substitute for completion of mandatory reports, e.g., ENG Form 3394 and OSHA Form 200 or OSHA Form 300.

1.6.3.5 Features of Work

The Contractor shall include a complete list of the features of work in the QCS database. A feature of work may be associated with multiple pay activities. However, each pay activity (see subparagraph "Pay Activity Data" of paragraph "Finances") will only be linked to a single feature of work.

1.6.3.6 QC Requirements

The Contractor shall develop and maintain a complete list of QC testing, transferred and installed property, and user training requirements in QCS. The Contractor shall update all data on these QC requirements as work progresses, and shall promptly provide this information to the Government via QCS.

1.6.4 Submittal Management

The Government will provide the initial submittal register, ENG Form 4288, SUBMITTAL REGISTER, in electronic format. Thereafter, the Contractor shall maintain a complete list of all submittals, including completion of all data columns. Dates on which submittals are received and returned by the

Government will be included in its export file to the Contractor. The Contractor shall use QCS to track and transmit all submittals. ENG Form 4025, submittal transmittal form, and the submittal register update, ENG Form 4288, shall be produced using QCS. RMS will be used to update, store and exchange submittal registers and transmittals, but will not be used for storage of actual submittals.

1.6.5 Schedule

The Contractor shall develop a construction schedule consisting of pay activities, in accordance with Contract Clause "Schedules for Construction Contracts", or Section 01320A, PROJECT SCHEDULE, as applicable. This schedule shall be input and maintained in the QCS database either manually or by using the Standard Data Exchange Format (SDEF) (see Section 01320A PROJECT SCHEDULE). The updated schedule data shall be included with each pay request submitted by the Contractor.

1.6.6 Import/Export of Data

QCS includes the ability to export Contractor data to the Government and to import submittal register and other Government-provided data, and schedule data using SDEF.

1.7 IMPLEMENTATION

Contractor use of QCS as described in the preceding paragraphs is mandatory. The Contractor shall ensure that sufficient resources are available to maintain its QCS database, and to provide the Government with regular database updates. QCS shall be an integral part of the Contractor's management of quality control.

1.8 DATA SUBMISSION VIA COMPUTER DISKETTE OR CD-ROM

The Government-preferred method for Contractor's submission of updates, payment requests, correspondence and other data is by E-mail with file attachment(s). For locations where this is not feasible, the Contracting Officer may permit use of computer diskettes or CD-ROM for data transfer. Data on the disks or CDs shall be exported using the QCS built-in export function. If used, diskettes and CD-ROMs will be submitted in accordance with the following:

1.8.1 File Medium

The Contractor shall submit required data on 3-1/2 inch double-sided high-density diskettes formatted to hold 1.44 MB of data, capable of running under Microsoft Windows 95 or newer. Alternatively, CD-ROMs may be used. They shall conform to industry standards used in the United States. All data shall be provided in English.

1.8.2 Disk or CD-ROM Labels

The Contractor shall affix a permanent exterior label to each diskette and CD-ROM submitted. The label shall indicate in English, the QCS file name, full contract number, contract name, project location, data date, name and telephone number of person responsible for the data.

1.8.3 File Names

The Government will provide the file names to be used by the Contractor with the QCS software.

1.9 MONTHLY COORDINATION MEETING

The Contractor shall update the QCS database each workday. At least monthly, the Contractor shall generate and submit an export file to the Government with schedule update and progress payment request. As required in Contract Clause "Payments", at least one week prior to submittal, the Contractor shall meet with the Government representative to review the planned progress payment data submission for errors and omissions. The Contractor shall make all required corrections prior to Government acceptance of the export file and progress payment request. Payment requests accompanied by incomplete or incorrect data submittals will be returned. The Government will not process progress payments until an acceptable QCS export file is received.

1.10 NOTIFICATION OF NONCOMPLIANCE

The Contracting Officer will notify the Contractor of any detected noncompliance with the requirements of this specification. The Contractor shall take immediate corrective action after receipt of such notice. Such notice, when delivered to the Contractor at the work site, shall be deemed sufficient for the purpose of notification.

-- End of Section --