

AMENDMENT OF SOLICITATION

1. AMENDMENT/MODIFICATION NO. <b>0003</b>		2. EFFECTIVE DATE <b>DEC. 10, 2002</b>	
3. ISSUED BY  DEPARTMENT OF THE ARMY, BALTIMORE DISTRICT CORPS OF ENGINEERS P.O. BOX 1715 BALTIMORE, MARYLAND 21203-1715			
4. NAME AND ADDRESS OF CONTRACTOR (Name, street, county, State and ZIP Code)		4A. AMENDMENT OF SOLICITATION NO.  <b>DACW31-03-B-0003</b>	
		4B. DATED (SEE ITEM 5)  <b>NOV. 22, 2002</b>	
5. 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 <b>is not extended.</b> <b>BID OPENING DATE - 2:00 PM, Local Time DEC. 23, 2002</b> Others 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 4 and 8, and returning <u>1</u> copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of the 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.			
6. ACCOUNTING AND APPROPRIATION DATA (If required)  <b>VISITOR CENTER WASHINGTON AQUEDUCT DIVISION WASHINGTON, DC</b>			
7. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subjectmatter where feasible.)  <b>SEE THE FOLLOWING PAGES</b>			
Except as provided herein, all terms and conditions of the document referenced in Item 4A, as heretofore changed, remains unchanged and in full force.			
8. NAME AND TITLE OF SIGNER (Type or print)		9. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)	10. DATE SIGNED

SPECIFICATIONS:

- 1) Section 01000, Paragraph 1.2.: Delete this paragraph.
- 2) Section 01000, Paragraph 1.3.2: Change first sentence text "industry recognized RMS-W" to read "industry recognized QCS-W"
- 3) Section 01000, Paragraph 1.3.5: In sentence (3), delete "3 percent of value of the HVAC system," and replace with "10,500."
- 4) Section 01000, Paragraph 1.3.6.a: Change text to read "Electrical Interior: \$12,900.00."
- 5) Section 01000, Paragraph 1.10: Insert the following text:

"The Washington Aqueduct has been designated a Critical Infrastructure Facility under the National Critical Infrastructure Program which was outlined in Presidential Decision Directive 63. All Contractor and sub-contractor personnel must consent to a review of public records and screening of personal background information before access is granted to Washington Aqueduct facilities. Failure to provide requested information may result in denial of access to facilities. No information will be released to outside agencies. The following major types of adverse information may exclude a contractor from gaining access to restricted areas or general unescorted access to Washington Aqueduct property. Each case will be reviewed on its own merit:

- 1) Illegal use or abuse of drugs or alcohol, theft or dishonesty, unreliability, instability, use of force, violence and weapons related incidents that indicate a general disregard for the law.
- 2) Aberrant, deviant sexual behavior or bizarre sexual conduct. Contributing to the delinquency of minors, child molestation, and/or rape. Records or testimony of employment, education or military service where the individual was involved in serious offenses or incidents that would reflect adversely on the honesty, integrity, trustworthiness, or stability of the individual.
- 3) Excessive indebtedness, bad checks, financial difficulties or irresponsibility.
- 4) Failing or refusing to sign the proper authorization documents to conduct the background screenings
- 5) Knowingly providing false information on Official Government Documents
- 6) Section 01000, Paragraph 1.11: In the first sentence, insert "Washington Aqueduct" in between "A" and "hot-work." In the first sentence delete "DA Form 5383R."

- 7) Section 01000, Paragraph 1.12: Delete this paragraph.
- 8) Section 01000, Paragraph ATTACHMENTS: Located before "End of Section" add "WA" in front of "FIRE DEPARTMENT PRE-CONSTRUCTION CONFERENCE REPORT." In the second line of "Attachments" add "Washington Aqueduct" in front of Hot-Work and delete "Form DA 5383-R."
- 9) Section 01050, Paragraph 1.3 SD-07: Replace "boilers" with "equipment."
- 10) Section 01050, Paragraph 1.8.1: Insert second paragraph titled "Protection of Personnel" with the following text body:

"The Contractor shall protect occupants of the building by installing safety rails and/or barricades as applicable to prevent injury from unauthorized entry of personnel into work areas. Warning signs shall be erected as necessary to indicate Construction areas or hazardous zones. Work shall proceed in such manner as to prevent the undue spread of dust and flying particles."
- 11) Section 01050, Paragraph 1.11: Underneath the subtitle "DESCRIPTION" insert in text "See drawings for extent of salvage."
- 12) Section 01050, Paragraph 1.14: Insert text:

"Through site investigations, friable asbestos has not been found, however, if asbestos is encountered, its testing, removal and disposal is covered in "CHANGES" clause of the Contract clauses."
- 13) Section 01050, Paragraph 1.14.1 and 1.14.2: Delete these paragraphs.
- 14) Section 01050, Paragraph 1.15.2: Delete text "Little Falls Pumping Station"
- 15) Section 01050, Paragraph 1.16: Delete this paragraph.
- 16) Section 01050, Paragraph 1.17: Change "8:00 AM" to "6:00AM" and "4:30PM" to "3:30PM"
- 17) Section 01050: Delete Paragraph Nos. 1.19 through 1.24.
- 18) Section 01270: Delete this section in its entirety.
- 19) Section 01312: Delete this section and substitute with the attached 01312A - QUALITY CONTROL SYSTEM (QCS)

- 20) Section 01320, Paragraph 1.2: Underneath the subtitle "Periodic Schedule Updates" change "enables" to "enable."
- 21) Section 01320, Paragraph 3.2: Change text "BASIC" to "BASIS"
- 22) Section 01320, Paragraph 3.3: in the first sentence of the paragraph delete "shall be capable of providing all requirements of this specification.," and replace with "Per Section 01312A "QUALITY CONTROL SYSTEM" (QCS)."
- 23) Section 01320, Paragraph 3.3.2.3: In the last sentence of the paragraph delete "and Notice to Proceed (NTP) for phasing requirements."
- 24) Section 01320, Paragraph 3.4.3: At the end of the first sentence add "via QCS per Section 1312A." between "updates" and the period (.).
- 25) Section 01320, Paragraph 3.5.1: In the second sentence delete "adhere to the SDEF format specified in ER 1 1 11, Appendix A" and replace with "be prepared in accordance with Section 1312A QUALITY CONTROL SYSTEMS (QCS)."
- 26) Section 01330, Paragraph 3.2: Second to last paragraph, insert "via QCS - see Section 1312A" after the word "file" in the sentence "(hard copy plus associated electronic file)." In the last paragraph of paragraph 3.2 delete the last sentence "Section 01312 RESIDENT MANAGEMENT SYSTEM (RMS)" and replace with "Section 01312A QUALITY CONTROL SYSTEM (QCS)."
- 27) Section 01330, Paragraph Nos. 3.11 and 3.12: Delete these paragraphs.
- 28) Section 01330, Eng. Form 4288 Submittal Register: Under item "02220A, SD-03 Product Data" insert a line item to include the submission of a shoring plan. Classification shall be "G AE." Under Remarks column, insert text "Shoring shall be designed, signed and sealed by a professional engineer registered in the project jurisdiction and submitted to the engineer of record for approval. Shop drawings and calculations must show installation details and sequence of operation."
- 29) Section 01451, Paragraph 1.3 SD-05: Replace text "Prepared by the Government and signed..." with text "Prepared by the Contractor and signed"

- 30) Section 01451, Paragraph 3.8.3: In the second sentence delete "Base/Post Civil Facility Engineer user groups" and replace with "Washington Aqueduct."
- 31) Section 03200A, Paragraph 1.1: Delete all references to ASTM Metric standards.
- 32) Section 03200A, Paragraph 1.2: delete the subtitle "SD-03 Product Data" and all of its contents, "Welding; G, A list of qualified welders names."
- 33) Section 03200A, Paragraph 2.2: Last line before 2.3, delete "or ASTM A 775/A 775M."
- 34) Section 03300, 1.5.2.1 Paragraph COMPRESSIVE STRENGTH: Underneath subtitle "3500 psi at 28 days," delete first line, "concrete slabs on-grade shall have a 20 day flexural strength of 3500 psi." Delete last line in this paragraph as well, "Flexural strength shall be determined in accordance with ASTM C-70."
- 35) Section 03300, Paragraph 3.2.1.1: In the first sentence replace "on site in the general area indicated," with "subject to weight restricted areas indicated."
- 36) Section 03300, Paragraph 1.5.2.1.d: Delete the paragraph
- 37) Section 03300, Paragraph 1.6.2: Delete this paragraph
- 38) Section 05120, top of page 1: Delete note indicating that section has been revised per backcheck.
- 39) Section 05120, Paragraph 2: Delete all references to ASTM Metric standards
- 40) Section 05120: Delete the following paragraphs; 3.4.2.3.a; and Paragraph 3.4.2.3.b.
- 41) Section 05120: Delete the following paragraphs; 3.4.4.3.a; 3.4.4.3.b; and 3.4.4.3.c.
- 42) Section 05120, Paragraph 1.1: Delete all references to ASTM Metric standards

- 43) Section 05400a, Paragraph 1.1: Delete all references to ASTM Metric standards
- 44) Section 05400a, Paragraph 1.2, SD-02: Approval Code is "G"
- 45) Section 05400a, Paragraph 1.2, SD-07: Approval Code is "FIO"
- 46) Section 05400a, Paragraph 1.2, SD-07: Approval Code is "FIO"
- 47) Section 05400a, Paragraph 2.1.b.(1): Studs and Tracks are as shown on drawings.
- 48) Section 05400a: Delete the following Paragraph Nos. 2.1.c; 2.1.d; and 2.1.e as shown.
- 49) Section 05400a, Paragraph 2.3: Last sentence should read "Screws, bolts and anchors shall be hot-dipped galvanized in accordance with ASTM A 123.
- 50) Section 05400a, Paragraph 3.2.2: "Screws", First sentence should read "Screws shall be of the self-tapping type."
- 51) Section 05400a, Paragraph 3.3.2.a: First sentence should read "Studs shall be spaced at 16 inches on center"
- 52) Section 05400a, Paragraph 3.3.2.h: Last sentence should read "Construction shall accommodate a vertical movement of ½ inches."
- 53) Section 05400a: Delete the following Paragraph Nos. 3.3.3; 3.3.4; and 3.3.5.
- 54) Section 05400a, Paragraph 3.5: Delete this paragraph
- 55) Section 07511: Delete this section in its entirety.
- 56) Section 08161, Paragraph 1.2, In subtitle "SD-10 Operation and Maintenance Data," delete "Submit Data Pacakage 1 in accordance with Section 01781N, "Operation and Maintenance Data."
- 57) Section 08161, Paragraph 2.1.5.1: in part "a." delete the word(s) "either" and "or bidirectional."

- 58) Section 08510, Paragraph 1.2: SD-04, delete "are" in the second sentence located between "weatherstripping" and "required" and replace with "is."
- 59) Section 08510, Paragraph 2.2: In part "d." add "as" between "or" and "specified."
- 60) Section 08510, Paragraph 2.6.5: delete "stainless steel" between "Stainless Steel" and "or."
- 61) Section 08510, Paragraph 2.2: Change text "corner caps corners" to "corner caps"
- 62) Section 08710, 2.2.3.2: Delete last sentence.
- 63) Section 09900, Paragraph 1.7: In the second paragraph, first sentence, delete "Section 01525, "Safety Requirements" and replace with "Section 01060 "Safety."
- 64) Section 09900, Paragraph 1.7.2: Delete part "e."
- 65) Section 09900, Paragraph 3.4.1: In part "b." third line, replace "cuphousehold" with "cup household."
- 66) Section 09900, Paragraph 3.6.1: In paragraph (8) delete the first sentence.
- 67) Section 11132, Paragraph 1.1.1.a: Delete "Metal Fabrication" in the first sentence.
- 68) Section 13281A, Paragraph 1.2: Delete parts "d. thru f."
- 69) Section 13281A, Paragraph 1.12.3: Delete this paragraph.
- 70) Section 13281A, Paragraph 1.14: Delete the paragraph between the first paragraph and part "d."
- 71) Section 13281A, Paragraph 3.5.6: Delete this paragraph.
- 72) Section 13281A, Paragraph 3.7.3: Delete this paragraph.
- 73) Section 13281A, Paragraph 1.12.3: Delete this paragraph
- 74) Section 13281A, Paragraph 3.5.6: Delete this paragraph
- 75) Section 13281A, Paragraph 3.7.2: Replace the first two sentences with "Clearance shall be visual inspection only."
- 76) Section 13850A, Paragraph 2.4: In sentence (4) replace "54" with "48."

- 77) Section 15050N, Paragraph PART 1 GENERAL: Delete paragraph between title "PART 1 GENERAL" and "1.2 Related Requirements."
- 78) Section 15050N, Paragraph 3.1.1: In the first line of the first paragraph end the sentence with certification. Delete the rest of paragraph one starting with "that" in the first sentence and ending with "mark," in the last line of the first paragraph.
- 79) Section 15070N, Paragraph 1.3.4: Delete this entire paragraph.
- 80) Section 15895A, Paragraph SD-03: Product Data, add "c. Piping Components" underneath "b. Air Systems Equipment."
- 81) Section 15895A, Paragraph SD-03: Product Data, delete the subtitle "Welding Procedures; G" and it's contents, "A copy of qualified welding procedures, at least 2 weeks prior to the start of welding operations."

DRAWINGS:

- 82) Plate 2: "Contractor Notes" Add Note 3 with text "THIS WORK CONSTITUTES AN ADD ALTERNATE ITEM. SEE PRICE SCHEDULE"
- 83) Plate 3: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 84) Plate 4: HC detail - change text "12:1" to read "1:12"
- 85) Plate 5: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 86) Plate 6: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 87) Plate 7: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.  
Plate 8: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 88) Plate 9: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 89) Plate 10: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 90) Plate 11: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 91) Plate 12: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

- 92) Plate 13: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 93) Plate 14: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 94) Plate 15: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 95) Plate 16: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 96) Plate 17: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 97) Plate 18: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 98) Plate 19: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 99) Plate 20: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 100) Plate 21: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 101) Plate 22: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 102) Plate 23: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 103) Plate 24: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 104) Plate 25: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 105) Plate 26: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.
- 106) Plate 27: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

107) Plate 28: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

108) Plate 29: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

109) Plate 30: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

110) Plate 31: General Note 1: Change "Owner" to "Contracting Officer."

111) Plate 32: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

112) Plate 33: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

113) Plate 34: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

114) Plate 35: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

115) Plate 36: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

116) Plate 37: Delete plate in its entirety and substitute the attached Plate of the same name, revised 12/02/02.

**ATTACHMENTS**

SECTION 01312A

- Plate 3, revised December 2, 2002
- Plate 5, revised December 2, 2002
- Plate 6, revised December 2, 2002
- Plate 7, revised December 2, 2002
- Plate 8, revised December 2, 2002
- Plate 9, revised December 2, 2002
- Plate 10, revised December 2, 2002
- Plate 11, revised December 2, 2002
- Plate 12, revised December 2, 2002
- Plate 13, revised December 2, 2002
- Plate 14, revised December 2, 2002
- Plate 15, revised December 2, 2002
- Plate 16, revised December 2, 2002
- Plate 17, revised December 2, 2002
- Plate 18, revised December 2, 2002
- Plate 19, revised December 2, 2002
- Plate 20, revised December 2, 2002
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- Plate 26, revised December 2, 2002
- Plate 27, revised December 2, 2002
- Plate 28, revised December 2, 2002
- Plate 29, revised December 2, 2002
- Plate 30, revised December 2, 2002
- Plate 32, revised December 2, 2002
- Plate 33, revised December 2, 2002
- Plate 34, revised December 2, 2002
- Plate 35, revised December 2, 2002
- Plate 36, revised December 2, 2002
- Plate 37, revised December 2, 2002

## SECTION 01312A

## QUALITY CONTROL SYSTEM (QCS)

08/01

## 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. 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(CQC) Training

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

#### 1.6.1.6 EM 385-1-1, Corps of Engineers Safety Manual and QCS Linkage

Upon request, the Contractor can obtain a copy of the current version of the Safety Manual, EM 385-1-1, on CD or visit ["http://www.usace.army.mil/inet/usace-docs/ent-manuals/em385-1-1/entire.pdf"](http://www.usace.army.mil/inet/usace-docs/ent-manuals/em385-1-1/entire.pdf). Data on the CD will be accessible through QCS, or in stand-alone mode.

### 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 QQC 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.

#### 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 --