

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS</b> OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30				1. REQUISITION NUMBER 96311M-2318-1939A		PAGE 1 OF 29				
2. CONTRACT NO. DACW31-03-P-0096		3. AWARD/EFFECTIVE DATE 15-Jan-2003		4. ORDER NUMBER		5. SOLICITATION NUMBER		6. SOLICITATION ISSUE DATE		
7. FOR SOLICITATION INFORMATION CALL:			a. NAME			b. TELEPHONE NUMBER (No Collect Calls)		8. OFFER DUE DATE/LOCAL TIME		
9. ISSUED BY CONTRACTING DIVISION PO BOX 1715 BALTIMORE MD 21203-1715  TEL: 410-962-5638 FAX: 410-962-0933			CODE CW31		10. THIS ACQUISITION IS <input type="checkbox"/> UNRESTRICTED <input checked="" type="checkbox"/> SET ASIDE: 100% FOR <input checked="" type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> SMALL DISADV. BUSINESS <input type="checkbox"/> 8(A)  SIC: 1542 SIZE STANDARD:\$28.5 MIL			11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS NET 30 DAYS
15. DELIVER TO WASHINGTON AQUEDUCT DIVISION PATTY GAMBY DALECARLIA WATER TREATMENT PLANT, 5900 M WASHINGTON DC 20016-2514			CODE		16. ADMINISTERED BY CONTR DIV OPERATIONS BR PO BOX 1715 BALTIMORE MD 21203-1715			CODE E1P0500		
17a. CONTRACTOR/OFFEROR NORAIR ENGINEERING COPR RICHARD .H. NORAIR 337 BRIGHTSEAT RD HYATTSVILLE MD 20785  TEL. (301) 499-2202			CODE 7R077		18a. PAYMENT WILL BE MADE BY USACE FINANCE CENTER ATTN: DISBURSING 5722 INTEGRITY DRIVE MILLINGTON TN 38054-5005			CODE TOB0200		
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER			<input type="checkbox"/> 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM							
19. ITEM NO.		20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY		22. UNIT	23. UNIT PRICE	24. AMOUNT	
<b>SEE SCHEDULE</b>										
25. ACCOUNTING AND APPROPRIATION DATA <b>See Schedule</b>								26. TOTAL AWARD AMOUNT <b>\$43,600.00</b>		
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED										
<input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED										
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN COPIES <input type="checkbox"/> TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.					29. AWARD OF CONTRACT: REFERENCE <input type="checkbox"/> OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:					
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) <i>Mary C. Robertson</i>			31c. DATE SIGNED 15-Jan-2003			
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)			30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) MARY C ROBERTSON / ADDED BY SUMI TEL: 410-962-3788 EMAIL:					
32a. QUANTITY IN COLUMN 21 HAS BEEN <input type="checkbox"/> RECEIVED <input type="checkbox"/> INSPECTED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED					33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR		
32b. SIGNATURE OF AUTHORIZED GOVT. REPRESENTATIVE			32c. DATE		36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL			37. CHECK NUMBER		
41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT					38. S/R ACCOUNT NUMBER		39. S/R VOUCHER NUMBER		40. PAID BY	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER			41c. DATE		42a. RECEIVED BY (Print)					
				42b. RECEIVED AT (Location)						
			42c. DATE REC'D (YY/MM/DD)		42d. TOTAL CONTAINERS					

Section SF 1449 - CONTINUATION SHEET

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	TRANSMISSION MAIN IMPROVEMENTS PROJECT FFP (FALLS CHURCH VALVE REPLACEMENT) in accordance with the attached "Statement of Work". Dave MacGregor @ (202) 764-2799 Office) Sandy Wicks @ (410) 962-3987 @ (301) 499-2202 PURCHASE REQUEST NUMBER: 96311M-2318-1939A	1	Lump Sum	\$43,600.00	\$43,600.00
					NET AMT
					\$43,600.00
ACRN AA Funded Amount					\$43,600.00

FOB: Destination

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
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0001 15-JAN-2003 1 WASHINGTON AQUEDUCT DIVISION  
 PATTY GAMBY  
 DALECARLIA WATER TREATMENT  
 PLANT, 5900 M  
 WASHINGTON DC 20016-2514  
 (202)764-2639  
 FOB: Destination

## ACCOUNTING AND APPROPRIATION DATA

AA: 99 NA X 9883.0000 E2 X 08 2471 008273 96499 2520 001T15  
 AMOUNT: \$43,600.00

## CLAUSES INCORPORATED BY REFERENCE

52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	JUL 1995
52.212-4	Contract Terms and Conditions--Commercial Items	FEB 2002
52.219-3	Notice of Total HUBZone Set-Aide	JAN 1999
52.219-6	Notice Of Total Small Business Set-Aside	JUL 1996
52.219-6 Alt I	Notice of Total Small Business Set-Aside (Jul 1996) - Alternate I	OCT 1995
52.222-3	Convict Labor	AUG 1996
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	APR 2002
52.222-35	Equal Opportunity For Special Disabled Veterans, Veterans of the Vietnam Era and Other Eligible Veterans	DEC 2001
52.222-36	Affirmative Action For Workers With Disabilities	JUN 1998
52.222-37	Employment Reports On Special Disabled Veterans, Veterans Of The Vietnam Era and Other Eligible Veterans	DEC 2001
52.222-41	Service Contract Act Of 1965, As Amended	MAY 1989
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	MAY 1999
52.233-3	Protest After Award	AUG 1996
52.237-3	Continuity Of Services	JAN 1991
52.242-15	Stop-Work Order	AUG 1989
52.243-5	Changes and Changed Conditions	APR 1984
52.246-1	Contractor Inspection Requirements	APR 1984
52.247-34	F.O.B. Destination	NOV 1991
52.253-1	Computer Generated Forms	JAN 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004	Required Central Contractor Registration	NOV 2001
252.219-7011	Notification to Delay Performance	JUN 1998
252.225-7016	Restriction On Acquisition Of Ball and Roller Bearings	DEC 2000
252.246-7000	Material Inspection And Receiving Report	DEC 1991

## CLAUSES INCORPORATED BY FULL TEXT

## 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (APR 2001) (DEVIATION)

(a) Comptroller General Examination of Record. The Contractor agrees to comply with the provisions of this paragraph (a) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-5, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to the right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times, the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of form. This does not require the Contractor to create or maintain any record that the contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(b) The Contractor is not required to include any FAR clause, other than those listed below (and as may be required by an addenda to this paragraph to establish the reasonableness of prices under Part 15), in a subcontract for commercial items or commercial components –

(1) 52.222-26, Equal Opportunity (E.O. 11246);

(2) 52.222-35, Affirmative Action for Disabled Veterans and Veterans of the Vietnam Era (38 U.S.C. 4212);

(3) 52.222-36, Affirmative Action for Workers with Disabilities (29 U.S.C. 793); and

(4) 52.247-64, Preference for Privately-Owned U.S.- Flag Commercial Vessels (46 U.S.C. 1241)(flow down not required for subcontracts awarded beginning May 1, 1996).

(5) 52.222-41, the Service Contract Act as Amended (41 U.S.C. 351, et seq.) Subcontracts for certain commercial services may be exempt from coverage if they meet the criteria in FAR 22.1103-4(c) or (d) (see DoD class deviation number 2000-O0006).

(End of clause)

## 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and

states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

THIS STATEMENT IS FOR INFORMATION ONLY: IT IS NOT A WAGE DETERMINATION  
Employee Class Monetary Wage-Fringe Benefits

(End of clause)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://farsite.hill.af.mil>

(End of clause)

52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any \_\_\_\_\_ (48 CFR \_\_\_\_\_) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

252.212-7001 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS (APR 2001) (DEVIATION)

(a) In addition to the clauses listed in paragraph (b) of the Contract Terms and Conditions Required to Implement Statutes or Executive Orders--Commercial Items (DEVIATION) clause of this contract, the Contractor shall include the terms of the following clause, if applicable, in subcontracts for commercial items or commercial components, awarded at any tier under this contract:

252.225-7014	Preference for Domestic Specialty Metals, Alternate I (MAR 1998) (10 U.S.C. 2533a).
252.247-7023	Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631)
252.247-7024	Notification of Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631)

(End of clause)

STATEMENT OF WORK**Statement of Work****1. Description of Work:**

**1.1 Project title:** Strengthening Transmission Mains Phase III, Replacement of Falls Church Valves.

**1.1 Work to be Completed:** The Contractor shall furnish all labor, equipment, and materials other than materials provided by the Government, to replace two 30" butterfly valves and actuators, install ancillary electrical controls in the Falls Church Valve Vault and execute site work. The Government will provide valves, fittings, electric actuators, valve control boxes etc. according to the list of materials attached (Attachment A.)

**1.2 Work Site:** The location of work to be completed is the Dalecarlia Water Treatment Plant at 5900 MacArthur Boulevard, NW, Washington, DC 20016.

**1.3 Contract Period:** The Contract Period shall be 70 calendar days. However, all work should be completed three weeks after the pipes are placed back in service.

**1.4 Contact:** Any questions on the technical specifications, site visits or physical layout prior to delivery should be addressed to:

Mr. Albert Tang  
(alt. Ms. Patty Gamby)  
5900 MacArthur Boulevard, NW  
Washington, DC 20016  
Ph. (202)764-2640 or -2639

**2 Submittals:** The Contractor shall submit to the Government for approval four sets of descriptive material to describe the following:

- Method to be used for valve replacement
- Employee safety programs

### **3 Technical Specifications :**

#### **3.1 Preparation**

**3.1.1** The Contractor shall take the Government provided materials from Washington Aqueduct warehouse, and verify that they are in good working order. The Contractor shall inform the Contracting Officer immediately of any item which appears on the list but is missing or has deteriorated and rendered unusable.

#### **3.2 Payment**

**3.2.1** Payment shall be lump sum in accordance with the PRICE SCHEDULE, to include all costs necessary for completion of the contract.

#### **3.3 Shutdown period**

**3.3.1** Shutdown of the existing pipeline to execute valve replacement will occur anytime within the Contract Period. The Contracting Officer will give the Contractor a minimum of two weeks notice for the shutdown. However, the Contracting Officer reserves the right to cancel a scheduled shutdown if conditions warrant. No compensation for the cancellation shall be considered except for a possible time extension.

**3.3.2** The shutdown period shall be measured from the time when the Contracting Officer signals that the Contractor can start removing the first piece of pipe to the time when both pipes in the Vault are placed back into service. This shutdown period is limited to a maximum of 16 hours. The Contractor shall work continuously during the shutdown period to complete the work.

#### **3.4 Execution**

**3.4.1** The Contractor shall execute the work in accordance with the Contract Drawings and Specification section attached.

**3.4.2** The Contractor shall install the following electrical equipment in the vault:

- a) Run one ¾" PVC conduit with #14 wires to each of the 2 valve control boxes from the existing valves 8-300 and 8-301A control panels located on the east wall in the Falls

Church vault. Length of conduit shall be approximately 20' each. (Note: These conduits and wires are not on the list of Government provided materials.)

- b) The new valve control boxes for valve 8-300 and 8-301A shall be mounted at the top of the west and east walls respectively.
- c) Each new valve control box shall contain a key operated switch instead of the existing valve control panel push button switch. The key operated switches and indicator lights shall be mounted on the weatherproof enclosures. Wiring shall be copper with moisture resistant insulation suitable for wet locations. The Contractor shall make all necessary connections.
- d) The valve control boxes shall be clearly labeled as shown.
- e) All conduit penetrations shall be sealed.
- f) The Contractor shall coordinate with Mr. Rick Boyer, Electric Unit Foreman, at 202-764-0847 for power outages needed for installing the valve control boxes.
- g) The power supply to the electric actuators will be 3 Phase 230 volt. 60 Hz.

**3.4.3** Pressure test, leakage test and disinfection of water piping:

Pressure test and leakage test shall be performed in accordance with American Waterworks Standards AWWA C 600 and C 651, except that these tests shall be performed at working pressure. If, according to the Contracting Officer, water blown off from the open pipes may backflow into the pipe, the vault shall be disinfected per AWWA C 651 Section 10.1 therein. When the valves have been removed, the Contractor shall plug the open pipe ends until the new valves are ready to be installed, to prevent foreign matter from entering the pipelines. The interior of the new and existing pipes and fittings in the vault shall be thoroughly cleaned and disinfected by swabbing or spraying with a 1 percent hypochlorite solution.

**3.4.4** The Contractor shall operate the valves and electrical components to demonstrate satisfactory operation.

**3.4.5** Contractor shall restore the vault and site as indicated.

**3.5** **Warranty:**

**3.5.1** The Contractor shall warrant all work performed under this contract against defects in contractor supplied material and workmanship for a period of one (1) year from final acceptance of the work, except for defects of the Government provided materials.

**3.5.2** The Contractor shall promptly remedy, at his own expense, the defects under warranty.

## Attachment A

### Government Furnished Equipment

300lb Green Ring Gasket 30"	4	EA
30" 150lb Black Ribbed Ring Gasket (flg. Type)	4	EA
30" 250lb Flg X 150lb Flg Adaptor Spool 1'-6" Long	2	EA
30" 150lb Flg X PE DIP Pipe X 3'6" Long	2	EA
30" 150lb Butterfly Valve	2	EA
Mega Flex Restraining Plates	12	EA
Dresser Coupling w/S,S, Bolts and Gaskets	2	EA
1-3/4" X 8-1/2" S.S. Bolts	30	EA
1-3/4" S.S. Nuts	30	EA
1-1/2" S.S. A1 Thread Rod 6' Long	12	EA
1-1/2" S.S. Nuts	48	EA
1-1/4" X 7-1/2" S.S. Bolts	24	EA
1-1/4" X 6-1/2" S.S. Bolts	56	EA
1-1/4" X 6" S.S. A1 Thread Studs	32	EA
1-1/4 S.S. Nuts	112	EA
Limitorque L 120-20/7.5/1800-NCU-DR1 3/60/230 Actuator	2	EA
FA14 Mounting Flanges	2	EA
Mounting Flange to Valve Allen Head Bolts (4 ea/set) w/Key Stop	2	Sets
Actuator Mounting Hex Head Bolts (4 ea/set)	2	Sets

## SECTION 02300

## EARTHWORK

## PART 1 GENERAL

## 1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

## AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASMT C 136	(1996) Sieve Analysis of Fine and Coarse Aggregate
ASTM D 422	(1963; R 1990) Particle-Size Analysis of Soils
ASTM D 1140	(1992) Amount of Material in Soils Finer than the No. 200 (75-micrometer) Sieve
ASTM D 1556	(1990; R 1996) Density and Unit Weight of Soil in Place by the Sand-Cone Method
ASTM D 1557	(1991) Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/cu. ft. (2,700 kN-m/cu. m.))
ASTM D 2167	(1994) Density and Unit Weight of Soil in Place by the Rubber Balloon Method
ASTM D 2487	(1993) Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D 2922	(1996) Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
ASTM D 2937	(1994) Density of Soil in Place by the Drive-Cylinder Method
ASTM D 3017	(1988; R 1993) Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)
ASTM D 4318	(1995a) Liquid Limit, Plastic Limit, and Plasticity Index of Soils

## 1.2 DEFINITIONS

## 1.2.1 Safety Materials

Satisfactory materials shall comprise any materials classified by ASTM D 2487 as GW, GP, GM, GP-GM, GW-GM, GC, GP-GC, GM-GC, SW, SP, SM, SW-SM, SC, SW-SC, SP-SM, CL, ML, CL-ML, CH, MH. Satisfactory materials for

grading shall be comprised of stones less than 8 inches; except for fill material for pavements and railroads which shall be comprised of stones less than 3 inches in any dimension.

#### 1.2.2 Unsatisfactory Materials

Materials which do not comply with the requirements for satisfactory materials are unsatisfactory. Unsatisfactory materials also include man-made fills; trash; refuse; backfills from previous construction; and material classified as satisfactory which contains root and other organic matter or frozen material. The Contracting Officer shall be notified of any contaminated materials.

#### 1.2.3 Cohesionless and Cohesive Materials

Cohesionless materials include materials classified in ASTM D 2487 as GW, GP, SW, and SP. Cohesive materials include materials classified as GC, SC, ML, CL, MH, and CH. Materials classified as GM and SM will be identified as cohesionless only when the fines are nonplastic. Testing required for classifying materials shall be in accordance with ASTM D 4318, ASTM C 136, ASTM D 422, and ASTM D 1140.

#### 1.2.4 Degree of Compaction

Degree of compaction required is expressed as a percentage of the maximum density obtained by the test procedure presented in ASTM D 1557 abbreviated as a percent of laboratory maximum density.

### 1.3 SUBMITTALS

Government approval is required for submittals with a "GA" designation; submittals not having a "G" designation are for information only or as otherwise designated. When used, a designation following the "G" designation identified the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES.

#### SD-08 Statements

Earthwork; G WA

Procedure and location for disposal of unused satisfactory material. Proposed source of borrow material.

#### SD-09 Reports

Testing; G WA

Within 24 hours of conclusion of physical tests, 2 copies of test results, including calibration curves and results of calibration tests.

### 1.4 CLASSIFICATION OF EXCAVATION

No consideration will be given to the nature of the materials, and all excavation will be designated as unclassified excavation.

#### 1.4.1 Common Excavation

Common excavation shall include the satisfactory removal and disposal of all materials.

### 1.5 BLASTING

Blasting shall not be performed.

## 1.6 UTILIZATION OF EXCAVATED MATERIALS

Unsatisfactory materials removed from excavations shall be disposed of in designated waste disposal or spoil areas. Satisfactory material removed from excavations shall be used, insofar as practicable, in the construction of fills, embankments, subgrades, shoulders, bedding (as backfill), and for similar purposes. No satisfactory excavated material shall be wasted without specific written authorization. Satisfactory material authorized to be wasted shall be disposed of in designated areas approved for surplus material storage or designated waste areas as directed. Newly designated waste area on Government-controlled land shall be cleared and grubbed before disposal of waste material thereon. Coarse rock from excavations shall be stockpiled and used for constructing slopes or embankments adjacent to streams, or sides and bottoms of channels and for protecting against erosion. No excavated material shall be disposed of to obstruct the flow of any stream, endanger a partly finished structure, impair the efficiency or appearance of any structure, or be detrimental to the completed work in any way.

## PART 2 PRODUCTS (Not Applicable)

## PART 3 EXECUTION

### 3.1 STRIPPING OF TOPSOIL

Where indicated or directed, topsoil shall be stripped to a depth of 6 inches. Topsoil shall be spread on areas already graded and prepared for topsoil, or transported and deposited in stockpiles convenient to area that are to receive application of the topsoil later, or at locations indicated or specified. Topsoil shall be kept separate from other excavated materials, brush, litter, objectionable weeds, roots, stones larger than 2 inches in diameter, and other materials that would interfere with planting and maintenance operations. Any surplus of topsoil from excavation and grading shall be stockpiled in locations indicated.

### 3.2 GENERAL EXCAVATION

The Contractor shall perform excavation of every type of material encountered within the limits of the project to the lines, grades, and elevations indicated and as specified. Grading shall be in conformity with the typical sections shown and the tolerances specified in paragraph FINISHING. Satisfactory excavated materials shall be transported to and placed in fill or embankment within the limits of the work. Unsatisfactory materials encountered within the limits of the work shall be excavated below grade and replaced with satisfactory materials as directed. Such excavated material and the satisfactory material ordered as replacement shall be included in excavation. Surplus satisfactory excavated material not required for fill or embankment shall be disposed of in areas approved for surplus material storage or designated waste areas. Unsatisfactory excavated material shall be disposed of in designated waste or spoil areas. During construction, excavation and fill shall be performed in a manner and sequence that will provide proper drainage at all times. Material required for fill embankment in excess of that produced by excavation within the grading limits shall be excavated from the borrow areas indicated or from other approved areas selected by the Contractor as specified.

### 3.3 SELECTION OF BORROW MATERIAL

Borrow material shall be selected to meet the requirements and conditions of the particular fill or embankment for which it is to be used. Borrow material shall be obtained from the borrow areas shown or from other approved

sources, either private or within the limits of the project site, selected by the Contactor. Unless otherwise provided in the contract, the Contractor shall obtain from the owners the right to procure material, pay royalties and other charges involved, and bear the expense of developing the sources, including rights-of-way for hauling. Borrow material from approved sources on Government-controlled land may be obtained without payment of royalties. Unless specifically provided, no borrow shall be obtained within the limits of the project site without prior written approval. Necessary clearing, grubbing, and satisfactory drainage of borrow pits and the disposal of debris thereon shall be considered related operations to the borrow excavation.

### 3.4 OPENING AND DRAINAGE OF EXCAVATION AND BORROW PITS

The Contractor shall notify the Contracting Officer sufficiently in advance of the opening of any excavation or borrow pit to permit elevations and measurements of the undisturbed ground surface to be taken. Except as otherwise permitted, borrow pits and other excavation areas shall be excavated providing adequate drainage. Overburden and other spoil material shall be transported to designated spoil areas or otherwise disposed of as directed. Borrow pits shall be neatly trimmed and drained after the excavation is completed. The Contractor shall ensure that excavation of any area, operation of borrow pits, or dumping of spoil material results in minimum detrimental effects on natural environmental conditions.

### 3.5 BACKFILL

Backfill adjacent to any and all types of structures shall be placed and compacted to at least 90 percent laboratory maximum density for cohesive materials or 95 percent laboratory maximum density for cohesionless materials. Compaction requirements for backfill materials shall also conform to the applicable portions of paragraphs EMBANKMENTS and SUBGRADE PREPARATION. Compaction shall be accomplished by sheepfoot rollers, pneumatic-tired wheeled rollers, vibratory compactors, or other approved equipment.

### 3.6 SUBGRADE PREPARATION

#### 3.6.1 Construction

Subgrade shall be shaped to line, grade, and cross section, and compacted as specified. This operation shall include plowing, disking, and any moistening or aerating required to obtain specified compaction. Soft or otherwise unsatisfactory material shall be removed and replaced with satisfactory excavated material or other approved material as directed. Low areas resulting from removal of unsatisfactory material or excavation of concrete fill shall be brought up to required grade with satisfactory materials, and the entire subgrade shall be shaped to line, grade, and cross section and compacted as specified. The elevation of the finish subgrade shall not vary more than 0.05 feet from the established grade and cross section.

#### 3.6.2 Compaction

Compaction shall be accomplished by vibratory compactors, or other approved equipment. Except for paved areas and railroads, each layer of the embankment shall be compacted to at least 95 percent of laboratory maximum density.

### 3.7 FINISHING

The surface of excavations, embankments, and subgrades shall be finished to a smooth and compact surface in accordance with the lines, grades, and cross sections or elevations shown. The degree of finish for graded areas shall be within 0.1 foot of the grades and elevations indicated except that the degree of finish for subgrades shall be specified in paragraph SUBGRADE PREPARATION. Gutters and ditches shall be finished in a manner that will result in effective drainage. The surface of areas to be turfed shall be finished to a smoothness suitable for the application of turfing materials.

### 3.8 PLACING TOPSOIL

On areas to receive topsoil, the compacted subgrade soil shall be scarified to a 2-inch depth for bonding of topsoil with subsoil. Topsoil then shall be spread evenly to a thickness of 6 inches and graded to the elevations and slopes shown. Topsoil shall not be spread when frozen or excessively wet or dry. Material required for topsoil in excess of that produced by excavation within the grading limits shall be obtained from offsite areas.

### 3.9 TESTING

Testing shall be performed by an approved commercial testing laboratory or by the Contractor subject to approval. If the Contractor elects to establish testing facilities, no work requiring testing will be permitted until the Contractor's facilities have been inspected and approved by the Contracting Officer. The first inspection will be at the expense of the Government. Cost incurred for any subsequent inspections required because of failure of the first inspection will be charged to the Contractor. Field in-place density shall be determined in accordance with ASTM D 1556. When test results indicate, as determined by the Contracting Officer, that compaction is not as specified, the material shall be removed, replaced and recompacted to meet specification requirements. Tests on recommended areas shall be performed to determine conformance with specification requirement. Inspections and test results shall be certified by a registered professional civil engineer. These certifications shall state that the tests and observations were performed by or under the direct supervision of the engineer and that the results are representative of the materials or conditions being certified by the tests. The following number of tests, if performed at the appropriate time, will be the minimum acceptable for each type operation.

#### 3.9.1 Fill and Backfill Material Gradation

One test per 10 cubic yards stockpiled or in-place source material. Gradation of fill and backfill material shall be determined in accordance with ASTM C 136.

#### 3.9.2 In-Place Densities

- a. One test per 200 square feet, or fraction thereof, of each lift of fill or backfill areas compacted by other than hand-operated machines.
- b. One test per 200 square feet, or fraction thereof, of each lift of fill or backfill areas compacted by hand-operated machines.

#### 3.9.3 Check Tests on In-Place Densities

If ASTM D 2922 is used, in-place densities shall be checked by ASTM D 1556 as follows:

- a. One check per lift for each 400 square feet, or fraction thereof, of each lift or backfill compacted by other than hand-operated machines.
- b. One check test per lift for each 400 square feet, of fill or backfill areas compacted by hand-operated machines.

#### 3.9.4 Moisture Contents

In the stockpile, excavation, or borrow areas, a minimum of two tests per day per type of material or source of material being placed during stable weather conditions shall be performed. During unstable weather, tests shall be made as dictated by local conditions and approved by the Contracting Officer.

#### 3.9.5 Optimum Moisture and Laboratory Maximum Density

Tests shall be made for each type material or source of material including borrow material to determine the optimum and laboratory maximum density values. One representative test per 100 cubic yards of fill and backfill, or when any change in material occurs which may affect the optimum moisture content or laboratory maximum density.

### 3.10 SUBGRADE AND EMBANKMENT PROTECTION

During construction, embankments and excavations shall be kept shaped and drained. Ditches and drains along subgrade shall be maintained to drain effectively at all times. The finished subgrade shall not be disturbed by traffic or other operation and shall be protected and maintained by the Contractor in a satisfactory condition until ballast, subbase, base, or pavement is placed. The storage or stockpiling of materials on the finished subgrade will not be permitted.

-- End of Section --

## SECTION 09900

## PAINTING, GENERAL

## PART 1 GENERAL

## 1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

## AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH)

ACGH-02	(1996) Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
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## AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 3274	(1995) Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation
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ASTM D 4214	(1989) Evaluating the Degree of Chalking of Exterior Paint Films
-------------	------------------------------------------------------------------

## COMMERICAL ITEM DESCRIPTION (CID)

CID A-A-1500	(Rev A) Sealer, Surface (Latex Block Filler)
CID A-A-2834	(Rev A) Urethane, Waterborne (Low VOC, Clear)
CID A-A-2867	(Basic) Coating, Polyurethane, Single Component Moisture Cure, Aliphatic
CID A-A-2962	(Basic) Enamel, Alkyd

## FEDERAL SPECIFICATIONS (FS)

FS TT-C-542	(Rev E) Coating, Polyurethane, Oil-Free, Moisture Curing
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## STEEL STRUCTURES PAINTING COUNCIL (SSPC)

SSPC Paint 5	(1995) Zinc Dust, Zinc Oxide and Phenolic Varnish Paint
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SSPC Paint 18	(1991) Chlorinated Rubber Intermediate Coat Paint
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SSPC Paint 20	(1991) Zinc-Rich Primers (Type I – Inorganic and Type II – Organic)
SSPC Paint 23	(1982) Latex Primer for Steel Surfaces
SSPC Paint 25	(1991) Red Iron Oxide, Zinc Oxide, Raw Linseed Oil and Alkyd Primer (Without Lead and Chromate Pigments)
SSPC SP 1	(1982) Solvent Cleaning
SSPC SP 2	(1995) Hand Tool Cleaning
SSPC SP 3	(1995) Power Tool Cleaning
SSPC SP 6	(1994) Commercial Blast Cleaning
SSPC SP 7	(1994) Brush-Off Blast Cleaning

## 1.2 SUBMITTALS

Government approval is required for submittals with a “G” designation; submittals not having a “G” designation are for information only or as otherwise designated. When used, a designation following the “G” designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-01 Data

Paint; G WA

The names, quantity represented, and intended use for the proprietary brands of materials proposed to be substituted for the specified materials when the required quantity of a particular batch is 50 gallons or less regardless of quantities in states where VOC content limitations apply.

SD-06 Instructions

Mixing and Thinning; G WA. Application; G WA

Manufacturer’s current printed product description, material safety data sheets (MSDS) and technical data sheets for each coating system. Detailed mixing, thinning and application instructions, minimum and maximum application temperature, and curing and drying times between coats for epoxy, moisture-curing polyurethane, and liquid glaze coatings. Detailed application instructions for textured coatings shall be provided.

SD-13 Certificates

Lead; G WA. Mildewcide and Insecticide; G WA. Volatile Organic Compound (VOC) Content; G WA.

Certificate stating that paints for interior use contain no mercurial mildewcide or insecticide. Certificates stated that paints proposed for use contain not more than 0.06 percent lead by weight of the total nonvolatile. Certificate stating that paints proposed for use meet Federal VOC regulations and those of the local Air Pollution Control Districts having jurisdiction over the geographical area in which the project is located.

## 1.3 PACKAGING, LABELING, AND STORING

Paints shall be in sealed containers that legibly show the designated name, formula or specification number, batch number, color, quantity, date of manufacture, manufacturer's formulation number, manufacturer's directions including any warnings and special precautions, and name of manufacturer. Pigmented paints shall be furnished in containers not larger than 5 gallons. Paints and thinner shall be stored in accordance with the manufacturer's written directions and as a minimum stored off the ground, under cover, with sufficient ventilation to prevent the buildup of flammable vapors and at temperatures between 40 and 95 degrees F. Paints shall be stored on the project site or segregated at the source of supply sufficiently in advance of need to allow 30 days for testing.

#### 1.4 APPROVAL OF MATERIALS

When samples are tested, approval of materials will be based on tests of the samples; otherwise, materials will be approved based on test reports furnished with them. If materials are approved based on test reports furnished, samples will be retained by the Government for testing should the materials appear defective during or after application. In addition to any other remedies under the contract the cost of retesting defective materials will be at the Contractor's expense.

#### 1.5 ENVIRONMENTAL CONDITIONS

Unless otherwise recommended by the paint manufacturer, the ambient temperature shall be between 45 and 95 degrees F when applying coatings other than water-thinned, epoxy, and moisture-curing polyurethane coatings. Water-thinned coatings shall be applied only when ambient temperature is between 50 and 90 degrees F. Epoxy, and moisture-curing polyurethane coating shall be applied only within the minimum and maximum temperatures recommended by the coating manufacturer. Moisture-curing polyurethane shall not be applied when the relative humidity is below 30 percent.

#### 1.6 SAFETY AND HEALTH

Work shall comply with applicable Federal, State, and local laws and regulations.

##### 1.6.1 Worker Exposures

Exposure of workers to hazardous chemical substances shall not exceed limits established by ACGIH-02, or as required by a more stringent applicable regulation.

##### 1.6.2 Toxic Compounds

Toxic procedures having ineffective physiological warning properties, such as no or low odor or irritation levels, shall not be used unless approved by the Contracting Officer.

##### 1.6.3 Training

Workers having access to a affected work area shall be informed of the contents of the applicable material data safety sheets (MDSS) and shall be informed of potential health and safety hazard and protective controls associated with materials used on the project. An affected work area is one, which may receive mists and odors from the painting operations. Workers involved in preparation, painting and clean up shall be trained in the safe handling and application, and the exposure limit, for each material, which the worker will use in the project. Personnel having a need to use respirators and masks shall be instructed in the use and the maintenance of such equipment.

## PART 2 PRODUCTS

### 2.1 PAINT

The term "paint" as used herein includes emulsion, enamels, paints, stains, varnishes, sealers, cement-emulsion filler, and other coatings, whether used as prime, intermediate, or finish coat. Paint shall conform to the requirements listed in the painting schedules at the end of this section, except when the required amount of a material of a particular batch is 50 gallons or less, an approved first-line proprietary paint material with similar intended formulation, usage and color to that specified may be used. Additional requirements are as follows:

#### 2.1.1 Colors and Tints

Colors shall be as selected from manufacturer's standard colors, as indicated. Manufacturer's standard color is for identification of color only. Tinting of epoxy and urethane paints shall be done by the manufacturer. Stains shall conform in shade to manufacturer's standard color. The color of the undercoats shall vary slightly from the color of the next coat.

#### 2.1.2 Mildewcide and Insecticide

Paint specified for all coats applied to fabrics and vapor barrier jackets over insulation shall contain a mildewcide that will not adversely affect the color, texture, or durability of the coating. The mildewcide shall be incorporated into the paint by the manufacturer and shall attain a surface disfigurement rating of 8 or greater when tested in accordance with ASTM D 3273 and evaluated in accordance with ASTM D 3274. Mercurial mildewcide shall not be used in interior paint. Insecticides shall not be used in paint.

#### 2.1.3 Lead

Paints containing lead in excess of 0.06 percent by weight of the total nonvolatile content (calculated as lead metal) shall not be used.

#### 2.1.4 Chromium

Paints containing zinc chromate or strontium chromate pigments shall not be used.

#### 2.1.5 Volatile Organic Compound (VOC) Content

Paints shall comply with applicable federal, state and local laws enacted to insure compliance with Federal Clean Air Standards and shall conform to the restrictions of the local air pollution control authority.

### PART 3 EXECUTION

#### 3.1 PROTECTION OF AREAS NOT TO BE PAINTED

Items not to be painted which are in contact with or adjacent to painted surfaces shall be removed or protected prior to surface preparation and painting operations. Items removed prior to painting shall be replaced when painting is completed. Following completion of painting, workmen skilled in the trades involved shall reinstall removed items. Surfaces contaminated by coating materials shall be restored to original condition.

#### 3.2 SURFACE PREPARATION

Surfaces to be painted shall be clean and free of foreign matter before application of paint or surface treatments. Oil and grease shall be removed prior to mechanical cleaning. Cleaning shall be programmed so that dust and other contaminants will not fall on wet, newly painted surfaces. Exposed ferrous metals such as nail heads on or in contact with surfaces to be painted with water-thinned paints shall be spot-primed with a suitable corrosion-inhibitive primer capable of preventing flash rusting and compatible with the coating specified for the adjacent areas.

### 3.2.1 Ferrous Surfaces

Ferrous surfaces including those that have been shop-coated shall be solvent-cleaned or detergent-washed in accordance with SSPC SP 1. Surfaces that contain loose rust, loose mill scale, and other foreign substances shall be cleaned mechanically with hand tools according to SSPC SP 2, power tools according to SSPC SP 3 or by sandblasting according to SSPC SP 7. Shop-coated ferrous surfaces will be protected from corrosion by treating and touching up corroded areas immediately upon detection.

### 3.2.2 Nonferrous Metallic Surfaces

Galvanized, aluminum and aluminum-alloy, lead, copper, and other nonferrous metal surfaces shall be solvent-cleaned or detergent-washed in accordance with SSPC SP 1.

### 3.2.3 Mastic-Type Surfaces

Mastic-type surfaces shall be prepared by removing foreign material.

### 3.2.4 Previously Painted Surfaces

Previously painted surfaces specified to be repainted damaged during construction shall be thoroughly cleaned of all grease, dirt, dust or other foreign matter. Blistering, cracking, flaking and peeling or other deteriorated coatings shall be removed. Slick surfaces shall be roughened. Damaged areas such as, but not limited to, nail holes, cracks, chips, and spalls shall be repaired with suitable material to match adjacent undamaged areas. Edges of chipped paint shall be feather edged and sanded smooth. Rusty metal surfaces shall be cleaned as per SSPC requirements. Solvent, mechanical, or chemical cleaning methods shall be used to provide surfaces suitable for painting. Chalk shall be removed so that when tested in accordance with ASTM D 4214, the chalk resistance is less than 8. New, proposed coatings shall be compatible with existing coatings. If existing surfaces are glossy, the gloss shall be reduced. Contractor shall evaluate existing painting for hazardous conditions such as lead content.

## 3.3 MIXING AND THINNING

When thinning is approved as necessary to suit surface, temperature, weather conditions, or application methods, paints may be thinned in accordance with the manufacturer's directions. When thinning is allowed, paints shall be thinned immediately prior to application with not more than 1 pint of suitable thinner per gallon. The use of thinner shall not relieve the Contractor from obtaining complete hiding, full film thickness, or required gloss. Thinning shall not cause the paint to exceed limits on volatile organic compounds. Paints of different manufacturers shall not be mixed.

## 3.4 APPLICATION

Painting practices shall comply with applicable federal, state and local laws enacted to insure compliance with Federal Clean Air Standards. Unless otherwise specified or recommended by the paint manufacturer, paint may be applied by brush, roller, or spray. At the time of application, paint shall show no signs of deterioration. Uniform suspension of pigments shall be maintained during application. Each coat of paint shall be applied so dry film shall be uniform thickness and free from runs, drops, ridges waves, pinholes or other voids, laps, brush marks, and variations in color, texture, and finish. Hiding shall be complete. Rollers for applying paints and enamels shall be of a type designed for the coating to be applied and the surface to be coated. Special attention shall be given to insure that all edges, corners, crevices, welds, and rivets receive a film thickness equal to that of adjacent painted surfaces. Paints, except water-thinned types, shall be applied only to surfaces that are completely free of moisture as determined by sight or touch.

### 3.4.1 Ventilation

Affected areas shall be ventilated during paint application so that workers exposure to chemical substances shall not exceed limits as established by ACGIH-02, or as required by a more stringent applicable regulation. Interior work zones having a volume of 10,000 cubic feet or less shall be ventilated at a minimum of 2 air exchanges per hour. Ventilation in larger work zones shall be maintained by means of mechanical exhaust. Solvent vapors shall be exhausted outdoors, away from air intakes and workers. Return air inlets in the work zone shall be temporarily sealed before start of work until the coatings have dried.

#### 3.4.2 Respirators

Operators and personnel in the vicinity of operating paint sprayers shall wear respirators.

#### 3.4.3 First Coat

The first coat on plaster, gypsum wallboard, and other surfaces shall include repeated touching up of suction spots or overall application of primer or sealer to produce uniform color and gloss. Excess sealer shall be wiped off after each application. The first coat on both faces of wood doors shall be applied at essentially the same time. Glazed doors and sashes shall be given the specified coating system within 3 weeks of the time they are glazed, but not before the glazing material has set; paint shall overlay glass about 70 mils all around. Each varnish coat shall be sanded lightly prior to application of subsequent coats.

#### 3.4.4 Timing

Surfaces that have been cleaned, pretreated, and otherwise prepared for painting shall be given a coat of the specified first coat as soon as practical after such pretreatment has been completed, but prior to any deterioration of the prepared surface. Sufficient time shall elapse between successive coats to permit proper drying. This period shall be modified as necessary to suit weather conditions. Oil-based or oleoresinous solvent-type paints shall be considered dry for recoating when the paint feels firm, does not deform or feel sticky under moderate pressure of the thumb, and the application of another coat of paint does not cause the undercoat to lift or lose adhesion. Manufacturer's instructions for application, curing and drying time between coats of two-component systems shall be followed.

#### 3.4.5 Ferrous-Metal Primer

Primer for ferrous-metal shall be applied to ferrous surfaces to receive paint other than asphalt varnish prior to deterioration of the prepared surface. The semitransparent film applied to some pipes and tubing at the mill is not to be considered a shop coat, but shall be overcoated with the specified ferrous-metal primer to application of finish coats.

### 3.6 SURFACES TO BE PAINTED

Surfaces listed in the painting schedules at the end of this section, other than those listed in paragraph SURFACES NOT TO BE PAINTED, shall be painted as scheduled.

### 3.7 SURFACES NOT TO BE PAINTED

Stainless steel shall not be painted. In addition, surfaces of hardware, fittings, and other factory-finished items shall not be painted.

### 3.8 CLEANING

Cloths, cotton waste and other debris that might constitute a fire hazard shall be placed in closed metal containers and removed at the end of each day. Upon completion of the work, staging, scaffolding, and containers shall be

removed from the site or destroyed in an approved manner. Paint and other deposits on adjacent surfaces shall be removed and the entire job left clean and acceptable.

3.9 PAINTING SCHEDULES

The following painting schedules identify the surfaces to be painted and prescribe the paint to be used and the number of coats of paint to be applied. All surfaces in this contract shall be deemed to be exterior.

EXTERIOR PAINTING SCHEDULE

<u>Surface</u>	<u>First Coat</u>	<u>Second Coat</u>	<u>Third Coat</u>
New and Existing ferrous metals, galvanized metals and non-ferrous metals and exterior surfaces of piping.	High-Build, two-component, polyamide-catalyzed epoxy containing 3.08 pounds per gallon VOC maximum 1 coat, 3-5 mils Dry Film Thickness (DFT). Coating shall be ANSI/NSF 61 potable water approved.	High-build, two-component, polyamide-catalyzed epoxy containing 3.08 pounds per gallon VOC maximum 1 coat, 4-6 mils DFT. Coating shall be ANSI/NSF 61 potable water approved.	None
Galvanized metal, and non-ferrous metal; non-submerged, Aluminum in contact with dissimilar metals.	High-build, two-component, polyamide catalyzed epoxy; containing 3.08 pounds per gallon VOC maximum. One coat, 2-3 mils DFT, 240-360 square feet per gallon.	Eight-two Percent volume solids, high-build, two-component, cycloaliphatic amine-catalyzed epoxy coating, containing 1.36 pounds per gallon VOC maximum. One coat, 4-6 mils DFT, 175-260 square feet per gallon.	None

-- End of Section --

WAGE DETERMINATION DECISION



General Decision Number DC020003

General Decision Number DC020003

Superseded General Decision No. DC010003

State: WASHINGTON,D.C.

Construction Type:

BUILDING

County(ies):

WASHINGTON, D.C.

BUILDING CONSTRUCTION PROJECTS (Does not include single family homes and apartments up to and including 4 stories)

Modification Number            Publication Date

0	03/01/2002
1	03/08/2002
2	04/12/2002
3	05/03/2002
4	05/24/2002
5	06/07/2002
6	07/05/2002
7	07/12/2002
8	07/26/2002
9	08/23/2002
10	09/27/2002
11	10/04/2002
12	10/18/2002
13	11/29/2002

COUNTY(ies):

WASHINGTON, D.C.

ASBE0024A 03/01/2002

	Rates	Fringes
ASBESTOS WORKERS/HEAT AND FROST INSULATORS		
Includes application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems. Also the application of firestopping material for wall openings and penetrations in walls, floors, ceilings and curtain walls.	24.02	8.13

ASBE0024B 03/01/2002

	Rates	Fringes
HAZARDOUS MATERIAL HANDLER		
Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems.	13.00	3.08

BRDC0001A 04/28/2002

	Rates	Fringes
BRICKLAYERS	23.75	5.37

CARP0132L 05/01/2002

	Rates	Fringes
CARPENTERS (Including Drywall Hanging)	21.57	3.76
PILEDRIVERS	19.95	4.50

\* ELEC0026C 09/02/2002

	Rates	Fringes
COMMUNICATION TECHNICIANS	20.60	5.09

SCOPE OF WORK:

Includes low voltage construction, installation, maintenance and removal of teledata facilities (voice, data and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, railroad communications, micro waves, V SAT, bypass, CATV, WAN (Wide area networks), LAN (Local area networks) and ISDN (Integrated systems digital network).

WORK EXCLUDED:

The installation of computer systems in industrial applications such as assembly lines, robotics and computer controller manufacturing systems.

The installation of conduit and/or raceways shall be installed by Inside Wiremen. On sites where there is no Inside Wireman employed, the Teledata Technician may install raceway or conduit

not greater than 10 feet.  
 Fire alarm work is excluded on all new construction sites or  
 wherever the fire alarm system is installed in conduit.  
 All HVAC control work.

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\* ELEC0026T 11/04/2002

	Rates	Fringes
ELECTRICIANS (Excluding Communication Low Voltage Wiring)	28.35	7.77 + 3%

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ENGI00770 05/01/2002

	Rates	Fringes
POWER EQUIPMENT OPERATORS		
Cranes (35 tons and over)	23.29	5.12+a
Cranes (under 35 tons)	22.83	5.12+a
Piledrivers	22.83	5.12+a
Boom Trucks	22.12	5.12+a
Forklifts	16.00	5.12+a

a. PAID HOLIDAYS: New Year's Day, Inaugural Day, Decoration Day,  
 Independence Day, Labor Day, Martin Luther  
 King's Birthday, Veterans' Day, Thanksgiving  
 Day, Friday after Thanksgiving, and Christmas  
 Day.

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IRON0005A 06/01/2002

	Rates	Fringes
IRONWORKERS: Structural, Ornamental and Chain Link Fence	23.23	8.605

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IRON0201C 05/01/2002

	Rates	Fringes
IRONWORKERS, REINFORCING	22.15	9.05

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LABO0074A 06/01/2002

	Rates	Fringes
LABORERS: Skilled Laborers	16.66	2.95

SKILLED LABORERS:  
 Potmen, power tool operator, small machine operator,  
 concrete labor including concrete preparation, signalmen,  
 laser beam operator, waterproofer, open caisson, test pit,  
 underpinning, pier hole and ditches, ladders and all work  
 associated with lagging that is not expressly stated,  
 strippers, operator of hand derricks, vibrator operators,  
 pipelayers, or tile layers, operators of jackhammers,  
 paving breakers, spaders or any machine that does the same  
 general type of work, scaffold builders, operators of  
 towmasters, scootcretes, buggymobiles and other machines of  
 similar character, operators of tampers and rammers, and  
 other machines that do the same general type of work,  
 whether powered by air, electric or gasoline builders of  
 trestle scaffolds over one tier high and sand blasters,

power and chain saw operators used in clearing, installers of well points, wagon drill operators, acetylene burners and licensed powdermen.

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LABO0456S	06/01/2002	
	Rates	Fringes
LABORERS:		
Mason Tenders, Brick	13.28	2.95
Mortarmen, Scaffold Builders	13.93	2.95
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MARB0002C	05/01/2002	
	Rates	Fringes
MARBLE & STONE MASONS (INCLUDES pointing, caulking and cleaning of All types of masonry, brick, stone and cement structures; EXCEPT pointing, caulking and cleaning of existing masonry, brick, stone and cement (restoration work)).		
	25.92	8.55
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MARB0003I	05/01/2002	
	Rates	Fringes
MOSAIC and TERRAZZO WORKERS, TILE LAYERS		
	19.98	7.48
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MARB0003O	05/01/2002	
	Rates	Fringes
MARBLE, TILE and TERRAZZO FINISHERS		
	16.42	6.52
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PAIN0051D	06/16/2002	
	Rates	Fringes
GLAZIERS		
Contracts over \$2,000,000	22.26	6.09
Contracts \$2,000,000 and under	21.06	6.09
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PAIN0051M	06/16/2002	
	Rates	Fringes
PAINTERS:		
Brush, Roller, Spray and Drywall Finishers	21.14	5.92
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PLAS0891C	05/01/2002	
	Rates	Fringes
CEMENT MASONS		
	21.87	3.895
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PLUM0005I	08/01/2002	
	Rates	Fringes
PLUMBERS:		
Apartment Buildings over 4 stories (except hotels)	18.03	6.09
ALL Other Work	27.67	9.24

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PLUM0602F 08/01/2002		
	Rates	Fringes
STEAMFITTERS, REFRIGERATION AND AIR CONDITIONING MECHANICS (Including HVAC Pipe Work)	27.52	9.37+a
a.PAID HOLIDAYS: New Year's Day, Independence Day, Thanksgiving Day and the day after Thanksgiving Day, Labor Day and Christmas Day.		

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SFDC0669A 04/01/2002		
	Rates	Fringes
SPRINKLER FITTERS	26.30	7.05

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SHEE0100B 07/01/2002		
	Rates	Fringes
SHEET METAL WORKERS (Including HVAC Duct Work)	26.88	8.06

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SUDC1003A 04/12/2000		
	Rates	Fringes
LABORERS: Unskilled	11.83	2.23
POINTERS, CAULKERS, CLEANERS (INCLUDES pointing, caulking and cleaning of existing masonry, brick, stone and cement structures (restoration work); EXCLUDES pointing, caulking and cleaning of new or replacement masonry, brick, stone and cement)	20.00	

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

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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)(ii)).

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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 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

#### "COVERED AREAS" and MINORITY GOALS

DC District of Columbia; MD Charles; MD Montgomery, MD Prince Georges; VA Arlington; VA Fairfax; VA Loudoun; VA Prince William; VA Alexandria; VA Fairfax City; VA Falls Church

Minority Goals - 28.0%

Female Goals - 6.9%

020 SMSA 8840.doc