

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30</i>				1. REQUISITION NUMBER W81W3G-4139-8036		PAGE 1 OF 33		
2. CONTRACT NO.		3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER		5. SOLICITATION NUMBER W912DR-04-T-0083		6. SOLICITATION ISSUE DATE 07-Jun-2004	
7. FOR SOLICITATION INFORMATION CALL:		a. NAME SANDRA L WICKS			b. TELEPHONE NUMBER <i>(No Collect Calls)</i> 410-962-3987	8. OFFER DUE DATE/LOCAL TIME 04:00 PM 23 Jun 2004		
9. ISSUED BY USAED - BALTIMORE 10 SOUTH HOWARD STREET BALTIMORE MD 21201 TEL: FAX:		CODE	W912DR		10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED SET ASIDE: % FOR <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> 8(A) NAICS: 339950 SIZE STANDARD:500		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE	12. DISCOUNT TERMS
				13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)				
				13b. RATING				
				14. METHOD OF SOLICITATION <input checked="" type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP				
15. DELIVER TO		CODE			16. ADMINISTERED BY		CODE	
SEE SCHEDULE								
17a. CONTRACTOR/OFFEROR		CODE			18a. PAYMENT WILL BE MADE BY		CODE	
TEL.		FACILITY CODE						
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER				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	
	SEE SCHEDULE							
25. ACCOUNTING AND APPROPRIATION DATA					26. TOTAL AWARD AMOUNT (For Govt. Use Only)			
<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 <u>2</u> COPIES <input checked="" 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)		31c. DATE SIGNED			
30b. NAME AND TITLE OF SIGNER <i>(TYPE OR PRINT)</i>		30c. DATE SIGNED	31b. NAME OF CONTRACTING OFFICER <i>(TYPE OR PRINT)</i>					
			TEL:		EMAIL:			

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
(CONTINUED)**

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
<p>SEE SCHEDULE</p>					

32a. QUANTITY IN COLUMN 21 HAS BEEN
 RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
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32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
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38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
------------------------	------------------------	-------------

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (<i>Print</i>)
	41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER

42c. DATE REC'D (YY/MM/DD)	42d. TOTAL CONTAINERS
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Section SF 1449 - CONTINUATION SHEET

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	SIGN PURCHASES FOR TIOGA-HAMMOND FFP Contractor must provide all materials, labor SIGN PURCHASES FOR TIOGA-HAMMOND PROJECT/CONGRESSIONAL ADD FUNDS in accordance with the attached specifications. Contractor must be registered with the Central Contracting Registration (CCR). Please contact the website for additional information: www.ccr.gov or telephone unregistered vendor. Vendor must submit the following information with bid response. Tax identificaiton (TIN), Dun & Bradstreet number and cage code number. Requestor: Cori Brown @ (410) 962-6019 POC (Contracting Office) Sandy Wicks @ (410) 962-3987 Technical POC: Lynne Whipple @ (570) 835-5181 PURCHASE REQUEST NUMBER: W81W3G-4139-8036	1	Lump Sum		

NET AMT

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	SIGN PURCHASES FOR COWANESQUE FFP SIGN PURCHASES FOR COWANESQUE PROJECT/CONGRESSIONAL ADD FUNDS PURCHASE REQUEST NUMBER: W81W3G-4139-8036	1	Lump Sum		

NET AMT

FOB: Destination

INSPECTION AND ACCEPTANCE TERMS

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Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	N/A
0002	N/A	N/A	N/A	N/A

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	18-MAY-2004	1	N/A FOB: Destination	
0002	18-MAY-2004	1	N/A FOB: Destination	

CLAUSES INCORPORATED BY FULL TEXT

52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

“Common parent,” as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

“Taxpayer Identification Number (TIN),” as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

____ TIN:_____

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TIN has been applied for.

TIN is not required because:

Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

Offeror is an agency or instrumentality of a foreign government;

Offeror is an agency or instrumentality of the Federal Government.

(e) Type of organization.

Sole proprietorship;

Partnership;

Corporate entity (not tax-exempt);

Corporate entity (tax-exempt);

Government entity (Federal, State, or local);

Foreign government;

International organization per 26 CFR 1.6049-4;

Other _____

(f) Common parent.

Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.

Name and TIN of common parent:

Name _____

TIN _____

(End of provision)

52.213-4 TERMS AND CONDITIONS--SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS)
(MAY 2004)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-3, Convict Labor (June 2003) (E.O. 11755).

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(ii) 52.222-21, Prohibition of Segregated Facilities (Feb 1999) (E.O. 11246).

(iii) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).

(iv) 52.225-13, Restrictions on Certain Foreign Purchases (Dec 2003) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(v) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(2) Listed below are additional clauses that apply:

(i) 52.232-1, Payments (Apr 1984).

(ii) 52.232-8, Discounts for Prompt Payment (Feb 2002).

(iii) 52.232-11, Extras (Apr 1984).

(iv) 52.232-25, Prompt Payment (Oct 2003).

(v) 52.233-1, Disputes (Jul 2002).

(vi) 52.244-6, Subcontracts for Commercial Items (May 2004).

(vii) 52.253-1, Computer Generated Forms (Jan 1991).

(b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (Jan 2004) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold.)

(ii) 52.222-20, Walsh-Healey Public Contracts Act (DEC 1996) (41 U.S.C. 35-45) (Applies to supply contracts over \$10,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (DEC 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793) (Applies to contracts over \$10,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, United States includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(v) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (DEC 2001) (38 U.S.C. 4212) (Applies to contracts over \$25,000).

(vi) 52.222-41, Service Contract Act, As Amended (May 1989) (41 U.S.C. 351, et seq.) (Applies to service contracts over \$2,500 that are subject to the Service Contract Act and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer continental shelf lands.)

(vii) 52.223-5, Pollution Prevention and Right-to-Know Information (Aug 2003) (E.O. 13148) (Applies to services performed on Federal facilities).

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(viii) 52.225-1, Buy American Act--Supplies (June 2003) (41 U.S.C. 10a-10d) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold and the **acquisition--**

(A) Is set aside for small business concerns; or

(B) Cannot be set aside for small business concerns (see 19.502-2), and does not exceed \$25,000.)

(ix) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (May 1999). (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the Central Contractor Registration (CCR) database as its source of EFT information.)

(x) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (Oct 2003). (Applies when the payment will be made by EFT and the payment office does not use the CCR database as its source of EFT information.)

(xi) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (APR 2003) (46 U.S.C. Appx 1241). (Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at 47.504(d).)

(2) Listed below are additional clauses that may apply:

(i) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (JULY 1995) (Applies to contracts over \$25,000).

(ii) 52.211-17, Delivery of Excess Quantities (SEPT 1989) (Applies to fixed-price supplies).

(iii) 52.247-29, F.o.b. Origin (JUN 1988) (Applies to supplies if delivery is f.o.b. origin).

(iv) 52.247-34, F.o.b. Destination (NOV 1991) (Applies to supplies if delivery is f.o.b. destination).

(c) FAR 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>

(d) Inspection/Acceptance. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights--

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public

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enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of clause)

52.214-34 SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)

Offers submitted in response to this solicitation shall be in the English language. Offers received in other than English shall be rejected.

(End of provision)

52.214-35 SUBMISSION OF OFFERS IN U.S. CURRENCY (APR 1991)

Offers submitted in response to this solicitation shall be in terms of U.S. dollars. Offers received in other than U.S. dollars shall be rejected.

(End of provision)

52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS (MAY 2004) - ALTERNATE I (APR 2002)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 339950.

(2) The small business size standard is 500 employees.

(3) The small business size standard for a concern which submits an offer in its own name, other

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than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations. (1) The offeror represents as part of its offer that it () is, () is not a small business concern.

(2) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, for general statistical purposes, that it () is, () is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a women-owned small business concern.

(4) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a veteran-owned small business concern.

(5) (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.) The offeror represents as part of its offer that it () is, () is not a service-disabled veteran-owned small business concern.

(6) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, as part of its offer, that--

(i) It () is, () is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It () is, () is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. (The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:_____.) Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(7) (Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.) The offeror shall check the category in which its ownership falls:

___ Black American.

___ Hispanic American.

___ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

___ Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

___ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

___ Individual/concern, other than one of the preceding.

(c) Definitions. As used in this provision--

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Service-disabled veteran-owned small business concern--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern," means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

Veteran-owned small business concern means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern," means a small business concern --

(1) That is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; or

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall--

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

(End of provision)

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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

The Federal equivalent hires are carpenter, maintenance @ \$14.42 per hour
laborer @ \$11.11 per hour.

(End of clause)

52.226-1 UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC ENTERPRISES (JUN 2000)

(a) Definitions. As used in this clause:

"Indian" means any person who is a member of any Indian tribe, band, group, pueblo or community that is recognized by the Federal Government as eligible for services from the Bureau of Indian Affairs (BIA) in accordance with 25 U.S.C. 1452(c) and any "Native" as defined in the Alaska Native Claims Settlement Act (43 U.S.C. 1601).

"Indian organization" means the governing body of any Indian tribe or entity established or recognized by the governing body of an Indian tribe for the purposes of 25 U.S.C., chapter 17.

"Indian-owned economic enterprise" means any Indian-owned (as determined by the Secretary of the Interior) commercial, industrial, or business activity established or organized for the purpose of profit, provided that Indian ownership constitute not less than 51 percent of the enterprise.

"Indian tribe" means any Indian tribe, band, group, pueblo or community, including native villages and native groups (including corporations organized by Kenai, Juneau, Sitka, and Kodiak) as defined in the Alaska Native Claims Settlement Act, that is recognized by the Federal Government as eligible for services from BIA in accordance with 25 U.S.C. 1542(c).

"Interested party" means a prime contractor or an actual or prospective offeror whose direct economic interest would be affected by the award of a subcontract or by the failure to award a subcontract.

(b) The Contractor shall use its best efforts to give Indian organizations and Indian-owned economic enterprises (25 U.S.C. 1544) the maximum practicable opportunity to participate in the subcontracts it awards to the fullest extent consistent with efficient performance of its contract.

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(1) The Contracting Officer and the Contractor, acting in good faith, may rely on the representation of an Indian organization or Indian-owned economic enterprise as to its eligibility, unless an interested party challenges its status or the Contracting Officer has independent reason to question that status. In the event of a challenge to the representation of a subcontractor, the Contracting Officer will refer the matter to the U.S. Department of the Interior, Bureau of Indian Affairs (BIA), Attn: Chief, Division of Contracting and Grants Administration, 1849 C Street, NW., MS 2626-MIB, Washington, DC 20240-4000.

The BIA will determine the eligibility and notify the Contracting Officer. No incentive payment will be made within 50 working days of subcontract award or while a challenge is pending. If a subcontractor is determined to be an ineligible participant, no incentive payment will be made under the Indian Incentive Program.

(2) The Contractor may request an adjustment under the Indian Incentive Program to the following:

(i) The estimated cost of a cost-type contract.

(ii) The target cost of a cost-plus-incentive-fee prime contract.

(iii) The target cost and ceiling price of a fixed-price incentive prime contract.

(iv) The price of a firm-fixed-price prime contract.

(3) The amount of the adjustment to the prime contract is 5 percent of the estimated cost, target cost, or firm-fixed-price included in the subcontract initially awarded to the Indian organization or Indian-owned economic enterprise.

(4) The Contractor has the burden of proving the amount claimed and must assert its request for an adjustment prior to completion of contract performance.

(c) The Contracting Officer, subject to the terms and conditions of the contract and the availability of funds, will authorize an incentive payment of 5 percent of the amount paid to the subcontractor. The Contracting Officer will seek funding in accordance with agency procedures.

(End of clause)

52.232-23 ASSIGNMENT OF CLAIMS (JAN 1986) - ALTERNATE I (APR 1984)

(a) The Contractor, under the Assignment of Claims Act, as amended, 31 U.S.C. 3727, 41 U.S.C. 15 (hereafter referred to as "the Act"), may assign its rights to be paid amounts due or to become due as a result of the performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency. The assignee under such an assignment may thereafter further assign or reassign its right under the original assignment to any type of financing institution described in the preceding sentence. Unless otherwise stated in this contract, payments to an assignee of any amounts due or to become due under this contract shall not, to the extent specified in the Act, be subject to reduction or setoff.

(b) Any assignment or reassignment authorized under the Act and this clause shall cover all unpaid amounts payable under this contract, and shall not be made to more than one party, except that an assignment or reassignment may be made to one party as agent or trustee for two or more parties participating in the financing of this contract.

(c) The Contractor shall not furnish or disclose to any assignee under this contract any classified document (including this contract) or information related to work under this contract until the Contracting Officer authorizes such action in writing.

(End of clause)

52.232-28 INVITATION TO PROPOSE PERFORMANCE-BASED PAYMENTS (MAR 2000)

(a) The Government invites the offeror to propose terms under which the Government will make performance-based contract financing payments during contract performance. The Government will consider performance-based payment financing terms proposed by the offeror in the evaluation of the offeror's proposal. The Contracting Officer will incorporate the financing terms of the successful offeror and the FAR clause, Performance-Based Payments, at FAR 52.232-32, in any resulting contract.

(b) In the event of any conflict between the terms proposed by the offeror and the terms in the clause at FAR 52.232-32, Performance-Based Payments, the terms of the clause at FAR 52.232-32 shall govern.

(c) The Contracting Officer will not accept the offeror's proposed performance-based payment financing if the financing does not conform to the following limitations:

(1) The Government will make delivery payments only for supplies delivered and accepted, or services rendered and accepted in accordance with the payment terms of this contract.

(2) The terms and conditions of the performance-based payments must--

(i) Comply with FAR 32.1004;

(ii) Be reasonable and consistent with all other technical and cost information included in the offeror's proposal; and

(iii) Their total shall not exceed 90 percent of the contract price if on a whole contract basis, or 90 percent of the delivery item price if on a delivery item basis.

(3) The terms and conditions of the performance-based financing must be in the best interests of the Government.

(d) The offeror's proposal of performance-based payment financing shall include the following:

(1) The proposed contractual language describing the performance-based payments (see FAR 32.1004 for appropriate criteria for establishing performance bases and performance-based finance payment amounts).

(2) A listing of--

(i) The projected performance-based payment dates and the projected payment amounts; and

(ii) The projected delivery date and the projected payment amount.

(3) Information addressing the Contractor's investment in the contract.

(e) Evaluation of the offeror's proposed prices and financing terms will include whether the offeror's proposed performance-based payment events and payment amounts are reasonable and consistent with all other terms and conditions of the offeror's proposal.

(End of provision)

52.242-15 STOP-WORK ORDER (AUG 1989)

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(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either--

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if--

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

(End of clause)

52.243-1 CHANGES--FIXED-PRICE (AUG 1987) - ALTERNATE I (APR 1984)

(a) The Contracting Officer may at any time, by written order, and without notice to the sureties, if any, make changes within the general scope of this contract in any one or more of the following:

(1) Description of services to be performed.

(2) Time of performance (i.e., hours of the day, days of the week, etc.).

(3) Place of performance of the services.

(b) If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part of the work under this contract, whether or not changed by the order, the Contracting Officer shall make an equitable adjustment in the contract price, the delivery schedule, or both, and shall modify the contract.

(c) The Contractor must assert its right to an adjustment under this clause within 30 days from the date of receipt of the written order. However, if the Contracting Officer decides that the facts justify it, the Contracting Officer may

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receive and act upon a proposal submitted before final payment of the contract.

(d) If the Contractor's proposal includes the cost of property made obsolete or excess by the change, the Contracting Officer shall have the right to prescribe the manner of the disposition of the property.

(e) Failure to agree to any adjustment shall be a dispute under the Disputes clause. However, nothing in this clause shall excuse the Contractor from proceeding with the contract as changed.

(End of clause)

52.243-5 CHANGES AND CHANGED CONDITIONS (APR 1984)

(a) The Contracting Officer may, in writing, order changes in the drawings and specifications within the general scope of the contract.

(b) The Contractor shall promptly notify the Contracting Officer, in writing, of subsurface or latent physical conditions differing materially from those indicated in this contract or unknown unusual physical conditions at the site before proceeding with the work.

(c) If changes under paragraph (a) or conditions under paragraph (b) increase or decrease the cost of, or time required for performing the work, the Contracting Officer shall make an equitable adjustment (see paragraph (d)) upon submittal of a "proposal for adjustment" (hereafter referred to as proposal) by the Contractor before final payment under the contract.

(d) The Contracting Officer shall not make an equitable adjustment under paragraph (b) unless--

(1) The Contractor has submitted and the Contracting Officer has received the required written notice; or

(2) The Contracting Officer waives the requirement for the written notice.

(e) Failure to agree to any adjustment shall be a dispute under the Disputes clause.

(End of clause)

52.246-1 CONTRACTOR INSPECTION REQUIREMENTS (APR 1984)

The Contractor is responsible for performing or having performed all inspections and tests necessary to substantiate that the supplies or services furnished under this contract conform to contract requirements, including any applicable technical requirements for specified manufacturers' parts. This clause takes precedence over any Government inspection and testing required in the contract's specifications, except for specialized inspections or tests specified to be performed solely by the Government.

(End of clause)

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions 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. The offeror is

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cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

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

(End of provision)

252.204-7003 CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT (APR 1992)

The Contractor's procedures for protecting against unauthorized disclosure of information shall not require Department of Defense employees or members of the Armed Forces to relinquish control of their work products, whether classified or not, to the contractor.

(End of clause)

252.204-7004 REQUIRED CENTRAL CONTRACTOR REGISTRATION ALTERNATE A (NOV 2003)

(a) Definitions. As used in this clause--

“Central Contractor Registration (CCR) database” means the primary Government repository for contractor information required for the conduct of business with the Government.

“Commercial and Government Entity (CAGE) code” means--

(1) A code assigned by the Defense Logistics Information Service (DLIS) to identify a commercial or Government entity; or

(2) A code assigned by a member of the North Atlantic Treaty Organization that DLIS records and maintains in the CAGE master file. This type of code is known as an “NCAGE code.”

“Data Universal Numbering System (DUNS) number” means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

“Data Universal Numbering System +4 (DUNS+4) number” means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11 of the Federal Acquisition Regulation) for the same parent concern.

“Registered in the CCR database” means that--

(1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database;

(2) The Contractor's CAGE code is in the CCR database; and

(3) The Government has validated all mandatory data fields and has marked the records “Active.”

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(b)(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.

(2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation “DUNS” or “DUNS +4” followed by the DUNS or DUNS +4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

(c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An offeror may obtain a DUNS number--

(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at <http://www.dnb.com>; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The offeror should be prepared to provide the following information:

(i) Company legal business.

(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.

(iii) Company Physical Street Address, City, State, and Zip Code.

(iv) Company Mailing Address, City, State and Zip Code (if separate from physical).

(v) Company Telephone Number.

(vi) Date the company was started.

(vii) Number of employees at your location.

(viii) Chief executive officer/key manager.

(ix) Line of business (industry).

(x) Company Headquarters name and address (reporting relationship within your entity).

(d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.

(e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

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(g)(1)(i) If a Contractor has legally changed its business name, “doing business as” name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of Subpart 42.12 of the FAR; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the “Suspension of Payment” paragraph of the electronic funds transfer (EFT) clause of this contract.

(2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the “Suspension of payment” paragraph of the EFT clause of this contract.

(h) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423, or 269-961-5757.

(End of clause)

252.219-7011 NOTIFICATION TO DELAY PERFORMANCE (JUN 1998)

The Contractor shall not begin performance under this purchase order until 2 working days have passed from the date of its receipt. Unless the Contractor receives notification from the Small Business Administration that it is ineligible for this 8(a) award, or otherwise receives instructions from the Contracting Officer, performance under this purchase order may begin on the third working day following receipt of the purchase order. If a determination of ineligibility is issued within the 2-day period, the purchase order shall be considered canceled.

(End of clause)

252.225-7001 BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM (APR 2003)

(a) Definitions. As used in this clause--

(1) Component means an article, material, or supply incorporated directly into an end product.

(2) Domestic end product means--

(i) An unmanufactured end product that has been mined or produced in the United States; or

(ii) An end product manufactured in the United States if the cost of its qualifying country components and its components that are mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. The cost of components includes transportation costs to the place of incorporation into the end

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product and U.S. duty (whether or not a duty-free entry certificate is issued). Scrap generated, collected, and prepared for processing in the United States is considered domestic. A component is considered to have been mined, produced, or manufactured in the United States (regardless of its source in fact) if the end product in which it is incorporated is manufactured in the United States and the component is of a class or kind for which the Government has determined that--

(A) Sufficient and reasonably available commercial quantities of a satisfactory quality are not mined, produced, or manufactured in the United States; or

(B) It is inconsistent with the public interest to apply the restrictions of the Buy American Act.

(3) End product means those articles, materials, and supplies to be acquired under this contract for public use.

(4) Foreign end product means an end product other than a domestic end product.

(5) Qualifying country means any country set forth in subsection 225.872-1 of the Defense Federal Acquisition Regulation Supplement.

(6) Qualifying country component means a component mined, produced, or manufactured in a qualifying country.

(7) Qualifying country end product means--

(i) An unmanufactured end product mined or produced in a qualifying country; or

(ii) An end product manufactured in a qualifying country if the cost of the following types of components exceeds 50 percent of the cost of all its components:

(A) Components mined, produced, or manufactured in a qualifying country.

(B) Components mined, produced, or manufactured in the United States.

(C) Components of foreign origin of a class or kind for which the Government has determined that sufficient and reasonably available commercial quantities of a satisfactory quality are not mined, produced, or manufactured in the United States.

(b) This clause implements the Buy American Act (41 U.S.C. Section 10a-d). Unless otherwise specified, this clause applies to all line items in the contract.

(c) The Contractor shall deliver only domestic end products unless, in its offer, it specified delivery of other end products in the Buy American Act--Balance of Payments Program Certificate provision of the solicitation. If the Contractor certified in its offer that it will deliver a qualifying country end product, the Contractor shall deliver a qualifying country end product or, at the Contractor's option, a domestic end product.

(d) The contract price does not include duty for end products or components for which the Contractor will claim duty-free entry.

(End of clause)

252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS (JAN 2004)

(a) Definitions. As used in this clause--

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(1) Contract financing payment and invoice payment have the meanings given in section 32.001 of the Federal Acquisition Regulation.

(2) Electronic form means any automated system that transmits information electronically from the initiating system to all affected systems. Facsimile, e-mail, and scanned documents are not acceptable electronic forms for submission of payment requests. However, scanned documents are acceptable when they are part of a submission of a payment request made using one of the electronic forms provided for in paragraph (b) of this clause.

(3) Payment request means any request for contract financing payment or invoice payment submitted by the Contractor under this contract.

(b) Except as provided in paragraph (c) of this clause, the Contractor shall submit payment requests using one of the following electronic forms:

(1) Wide Area WorkFlow-Receipt and Acceptance (WAWF-RA). Information regarding WAWF-RA is available on the Internet at <https://wawf.eb.mil>.

(2) Web Invoicing System (WInS). Information regarding WInS is available on the Internet at <https://ecweb.dfas.mil>.

(3) American National Standards Institute (ANSI) X.12 electronic data interchange (EDI) formats.

(i) Information regarding EDI formats is available on the Internet at <http://www.X12.org>.

(ii) EDI implementation guides are available on the Internet at <http://www.dfas.mil/ecedi>.

(4) Another electronic form authorized by the Contracting Officer.

(c) If the Contractor is unable to submit a payment request in electronic form, or DoD is unable to receive a payment request in electronic form, the Contractor shall submit the payment request using a method mutually agreed to by the Contractor, the Contracting Officer, the contract administration office, and the payment office.

(d) In addition to the requirements of this clause, the Contractor shall meet the requirements of the appropriate payment clauses in this contract when submitting payments requests.

(End of clause)

252.243-7001 PRICING OF CONTRACT MODIFICATIONS (DEC 1991)

When costs are a factor in any price adjustment under this contract, the contract cost principles and procedures in FAR part 31 and DFARS part 231, in effect on the date of this contract, apply.

252.246-7000 MATERIAL INSPECTION AND RECEIVING REPORT (MAR 2003)

(a) At the time of each delivery of supplies or services under this contract, the Contractor shall prepare and furnish to the Government a material inspection and receiving report in the manner and to the extent required by Appendix F, Material Inspection and Receiving Report, of the Defense FAR Supplement.

(b) Contractor submission of the material inspection and receiving information required by Appendix F of the Defense FAR Supplement by using the Wide Area WorkFlow-Receipt and Acceptance (WAWF-RA) electronic form

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(see paragraph (b)(1) of the clause at 252.232-7003) fulfills the requirement for a material inspection and receiving report (DD Form 250).

(End of clause)

WAGE DETERMINATION DECISION

WAGE DETERMINATION DECISION
OF THE SECRETARY OF LABOR

The following wage determination will be used to conform with the requirements of the Service Contract Act of 1965 (29 CFR 4) of the General Provisions:

Decision No. 94-2453 (Rev. 18) dated 30 June 2003

State(s): Pennsylvania

Areas: Pennsylvania COUNTIES OF Bradford, Carbon,
Columbia,
Lackawanna, Luzerne, Lycoming, Monroe, Pike,
Schuylkill, Sullivan, Susquehanna, Tioga, Wayne,
Wyoming

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WAGE DETERMINATION NO: 94-2453 REV (18) AREA: PA,SCRANTON

WAGE DETERMINATION NO: 94-2453 REV (18) AREA: PA,SCRANTON

REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR
FOR OFFICIAL USE ONLY BY FEDERAL AGENCIES PARTICIPATING IN MOU WITH DOL
WASHINGTON D.C. 20210

William W.Gross | Division of | Wage Determination No.: 1994-2453
Director | Wage Determinations | Revision No.: 18
Date Of Last Revision: 06/30/2003

State: Pennsylvania

Area: Pennsylvania Counties of Bradford, Carbon, Columbia, Lackawanna, Luzerne, Lycoming, Monroe, Pike, Schuylkill, Sullivan, Susquehanna, Tioga, Wayne, Wyoming

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	MINIMUM WAGE RATE
01000 - Administrative Support and Clerical Occupations	
01011 - Accounting Clerk I	8.93
01012 - Accounting Clerk II	11.11
01013 - Accounting Clerk III	12.76
01014 - Accounting Clerk IV	14.33
01030 - Court Reporter	11.24
01050 - Dispatcher, Motor Vehicle	10.02
01060 - Document Preparation Clerk	10.10
01070 - Messenger (Courier)	8.41
01090 - Duplicating Machine Operator	10.10
01110 - Film/Tape Librarian	9.87
01115 - General Clerk I	8.29
01116 - General Clerk II	10.66
01117 - General Clerk III	11.63
01118 - General Clerk IV	14.73
01120 - Housing Referral Assistant	13.63
01131 - Key Entry Operator I	8.76
01132 - Key Entry Operator II	10.29
01191 - Order Clerk I	11.07
01192 - Order Clerk II	14.16
01261 - Personnel Assistant (Employment) I	9.27
01262 - Personnel Assistant (Employment) II	11.74
01263 - Personnel Assistant (Employment) III	12.97
01264 - Personnel Assistant (Employment) IV	14.66

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01270 - Production Control Clerk	14.05
01290 - Rental Clerk	8.97
01300 - Scheduler, Maintenance	9.93
01311 - Secretary I	9.93
01312 - Secretary II	11.31
01313 - Secretary III	13.63
01314 - Secretary IV	14.86
01315 - Secretary V	16.49
01320 - Service Order Dispatcher	10.01
01341 - Stenographer I	9.44
01342 - Stenographer II	11.01
01400 - Supply Technician	13.25
01420 - Survey Worker (Interviewer)	10.22
01460 - Switchboard Operator-Receptionist	8.62
01510 - Test Examiner	11.31
01520 - Test Proctor	11.31
01531 - Travel Clerk I	9.77
01532 - Travel Clerk II	10.24
01533 - Travel Clerk III	10.93
01611 - Word Processor I	8.77
01612 - Word Processor II	10.95
01613 - Word Processor III	12.25
03000 - Automatic Data Processing Occupations	
03010 - Computer Data Librarian	10.81
03041 - Computer Operator I	11.25
03042 - Computer Operator II	12.65
03043 - Computer Operator III	15.27
03044 - Computer Operator IV	15.92
03045 - Computer Operator V	17.66
03071 - Computer Programmer I (1)	12.85
03072 - Computer Programmer II (1)	15.60
03073 - Computer Programmer III (1)	19.36
03074 - Computer Programmer IV (1)	23.19
03101 - Computer Systems Analyst I (1)	21.91
03102 - Computer Systems Analyst II (1)	25.63
03103 - Computer Systems Analyst III (1)	27.62
03160 - Peripheral Equipment Operator	12.43
05000 - Automotive Service Occupations	
05005 - Automotive Body Repairer, Fiberglass	14.23
05010 - Automotive Glass Installer	13.29
05040 - Automotive Worker	13.29
05070 - Electrician, Automotive	13.81
05100 - Mobile Equipment Servicer	12.41
05130 - Motor Equipment Metal Mechanic	14.23
05160 - Motor Equipment Metal Worker	13.29
05190 - Motor Vehicle Mechanic	14.23
05220 - Motor Vehicle Mechanic Helper	11.95
05250 - Motor Vehicle Upholstery Worker	12.85
05280 - Motor Vehicle Wrecker	13.29
05310 - Painter, Automotive	13.81
05340 - Radiator Repair Specialist	13.30
05370 - Tire Repairer	11.99
05400 - Transmission Repair Specialist	14.23
07000 - Food Preparation and Service Occupations	
(not set) - Food Service Worker	8.09
07010 - Baker	10.12
07041 - Cook I	9.47
07042 - Cook II	10.12
07070 - Dishwasher	8.09
07130 - Meat Cutter	10.12
07250 - Waiter/Waitress	8.41

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09000 - Furniture Maintenance and Repair Occupations	
09010 - Electrostatic Spray Painter	13.81
09040 - Furniture Handler	12.58
09070 - Furniture Refinisher	15.19
09100 - Furniture Refinisher Helper	13.15
09110 - Furniture Repairer, Minor	14.09
09130 - Upholsterer	13.81
11030 - General Services and Support Occupations	
11030 - Cleaner, Vehicles	8.28
11060 - Elevator Operator	8.83
11090 - Gardener	9.88
11121 - House Keeping Aid I	7.77
11122 - House Keeping Aid II	8.83
11150 - Janitor	8.83
11210 - Laborer, Grounds Maintenance	8.95
11240 - Maid or Houseman	7.77
11270 - Pest Controller	10.28
11300 - Refuse Collector	9.28
11330 - Tractor Operator	9.65
11360 - Window Cleaner	9.64
12000 - Health Occupations	
12020 - Dental Assistant	11.48
12040 - Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	11.48
12071 - Licensed Practical Nurse I	11.56
12072 - Licensed Practical Nurse II	12.98
12073 - Licensed Practical Nurse III	12.98
12100 - Medical Assistant	10.27
12130 - Medical Laboratory Technician	12.98
12160 - Medical Record Clerk	10.26
12190 - Medical Record Technician	14.22
12221 - Nursing Assistant I	8.12
12222 - Nursing Assistant II	9.13
12223 - Nursing Assistant III	9.96
12224 - Nursing Assistant IV	11.18
12250 - Pharmacy Technician	12.97
12280 - Phlebotomist	12.98
12311 - Registered Nurse I	15.47
12312 - Registered Nurse II	18.91
12313 - Registered Nurse II, Specialist	18.91
12314 - Registered Nurse III	22.88
12315 - Registered Nurse III, Anesthetist	22.88
12316 - Registered Nurse IV	27.43
13000 - Information and Arts Occupations	
13002 - Audiovisual Librarian	13.42
13011 - Exhibits Specialist I	13.38
13012 - Exhibits Specialist II	18.21
13013 - Exhibits Specialist III	20.48
13041 - Illustrator I	13.38
13042 - Illustrator II	18.08
13043 - Illustrator III	20.48
13047 - Librarian	18.40
13050 - Library Technician	11.24
13071 - Photographer I	12.03
13072 - Photographer II	13.89
13073 - Photographer III	18.91
13074 - Photographer IV	23.39
13075 - Photographer V	28.31
15000 - Laundry, Dry Cleaning, Pressing and Related Occupations	
15010 - Assembler	7.87
15030 - Counter Attendant	7.87
15040 - Dry Cleaner	9.86

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15070 - Finisher, Flatwork, Machine	7.87
15090 - Presser, Hand	7.87
15100 - Presser, Machine, Drycleaning	7.87
15130 - Presser, Machine, Shirts	7.87
15160 - Presser, Machine, Wearing Apparel, Laundry	7.87
15190 - Sewing Machine Operator	10.63
15220 - Tailor	11.41
15250 - Washer, Machine	8.24
19000 - Machine Tool Operation and Repair Occupations	
19010 - Machine-Tool Operator (Toolroom)	14.57
19040 - Tool and Die Maker	16.38
21000 - Material Handling and Packing Occupations	
21010 - Fuel Distribution System Operator	14.00
21020 - Material Coordinator	14.75
21030 - Material Expediter	14.75
21040 - Material Handling Laborer	12.20
21050 - Order Filler	10.45
21071 - Forklift Operator	13.42
21080 - Production Line Worker (Food Processing)	13.08
21100 - Shipping/Receiving Clerk	10.49
21130 - Shipping Packer	11.54
21140 - Store Worker I	11.30
21150 - Stock Clerk (Shelf Stocker; Store Worker II)	12.94
21210 - Tools and Parts Attendant	14.63
21400 - Warehouse Specialist	14.63
23000 - Mechanics and Maintenance and Repair Occupations	
23010 - Aircraft Mechanic	15.65
23040 - Aircraft Mechanic Helper	13.15
23050 - Aircraft Quality Control Inspector	16.13
23060 - Aircraft Servicer	14.09
23070 - Aircraft Worker	14.56
23100 - Appliance Mechanic	15.19
23120 - Bicycle Repairer	12.38
23125 - Cable Splicer	18.00
23130 - Carpenter, Maintenance	15.88
23140 - Carpet Layer	14.56
23160 - Electrician, Maintenance	18.94
23181 - Electronics Technician, Maintenance I	17.73
23182 - Electronics Technician, Maintenance II	18.66
23183 - Electronics Technician, Maintenance III	20.61
23260 - Fabric Worker	12.81
23290 - Fire Alarm System Mechanic	15.65
23310 - Fire Extinguisher Repairer	13.62
23340 - Fuel Distribution System Mechanic	15.65
23370 - General Maintenance Worker	13.52
23400 - Heating, Refrigeration and Air Conditioning Mechanic	15.17
23430 - Heavy Equipment Mechanic	14.97
23440 - Heavy Equipment Operator	16.38
23460 - Instrument Mechanic	16.38
23470 - Laborer	10.23
23500 - Locksmith	15.19
23530 - Machinery Maintenance Mechanic	15.35
23550 - Machinist, Maintenance	14.89
23580 - Maintenance Trades Helper	13.15
23640 - Millwright	18.00
23700 - Office Appliance Repairer	16.71
23740 - Painter, Aircraft	15.53
23760 - Painter, Maintenance	16.44
23790 - Pipefitter, Maintenance	17.37
23800 - Plumber, Maintenance	16.97
23820 - Pneudraulic Systems Mechanic	15.65

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Signs – Tioga-Hammond Lakes

23850 - Rigger	15.65
23870 - Scale Mechanic	14.56
23890 - Sheet-Metal Worker, Maintenance	16.64
23910 - Small Engine Mechanic	15.23
23930 - Telecommunication Mechanic I	16.90
23931 - Telecommunication Mechanic II	17.40
23950 - Telephone Lineman	16.90
23960 - Welder, Combination, Maintenance	14.23
23965 - Well Driller	15.65
23970 - Woodcraft Worker	15.65
23980 - Woodworker	12.73
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	8.22
24580 - Child Care Center Clerk	10.24
24600 - Chore Aid	8.22
24630 - Homemaker	12.03
25000 - Plant and System Operation Occupations	
25010 - Boiler Tender	18.00
25040 - Sewage Plant Operator	16.25
25070 - Stationary Engineer	18.00
25190 - Ventilation Equipment Tender	13.15
25210 - Water Treatment Plant Operator	15.38
27000 - Protective Service Occupations	
(not set) - Police Officer	20.49
27004 - Alarm Monitor	11.06
27006 - Corrections Officer	17.69
27010 - Court Security Officer	18.18
27040 - Detention Officer	17.69
27070 - Firefighter	16.75
27101 - Guard I	7.76
27102 - Guard II	12.17
28000 - Stevedoring/Longshoremen Occupations	
28010 - Blocker and Bracer	14.52
28020 - Hatch Tender	14.52
28030 - Line Handler	14.52
28040 - Stevedore I	12.84
28050 - Stevedore II	13.80
29000 - Technical Occupations	
21150 - Graphic Artist	18.05
29010 - Air Traffic Control Specialist, Center (2)	29.93
29011 - Air Traffic Control Specialist, Station (2)	20.64
29012 - Air Traffic Control Specialist, Terminal (2)	22.73
29023 - Archeological Technician I	14.10
29024 - Archeological Technician II	15.87
29025 - Archeological Technician III	19.59
29030 - Cartographic Technician	19.69
29035 - Computer Based Training (CBT) Specialist/ Instructor	21.91
29040 - Civil Engineering Technician	17.81
29061 - Drafter I	10.23
29062 - Drafter II	11.64
29063 - Drafter III	15.93
29064 - Drafter IV	19.59
29081 - Engineering Technician I	11.77
29082 - Engineering Technician II	13.39
29083 - Engineering Technician III	18.06
29084 - Engineering Technician IV	22.37
29085 - Engineering Technician V	26.44
29086 - Engineering Technician VI	33.34
29090 - Environmental Technician	16.92
29100 - Flight Simulator/Instructor (Pilot)	25.63
29160 - Instructor	18.95

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Signs – Tioga-Hammond Lakes

29210 - Laboratory Technician	13.72
29240 - Mathematical Technician	19.46
29361 - Paralegal/Legal Assistant I	14.08
29362 - Paralegal/Legal Assistant II	16.56
29363 - Paralegal/Legal Assistant III	20.20
29364 - Paralegal/Legal Assistant IV	24.52
29390 - Photooptics Technician	20.21
29480 - Technical Writer	19.54
29491 - Unexploded Ordnance (UXO) Technician I	19.02
29492 - Unexploded Ordnance (UXO) Technician II	23.01
29493 - Unexploded Ordnance (UXO) Technician III	27.58
29494 - Unexploded (UXO) Safety Escort	19.02
29495 - Unexploded (UXO) Sweep Personnel	19.02
29620 - Weather Observer, Senior (3)	15.17
29621 - Weather Observer, Combined Upper Air and Surface Programs (3)	13.56
29622 - Weather Observer, Upper Air (3)	13.56
31000 - Transportation/ Mobile Equipment Operation Occupations	
31030 - Bus Driver	13.38
31260 - Parking and Lot Attendant	9.59
31290 - Shuttle Bus Driver	12.28
31300 - Taxi Driver	9.59
31361 - Truckdriver, Light Truck	11.16
31362 - Truckdriver, Medium Truck	12.02
31363 - Truckdriver, Heavy Truck	16.63
31364 - Truckdriver, Tractor-Trailer	16.63
99000 - Miscellaneous Occupations	
99020 - Animal Caretaker	8.75
99030 - Cashier	6.70
99041 - Carnival Equipment Operator	9.07
99042 - Carnival Equipment Repairer	9.47
99043 - Carnival Worker	8.09
99050 - Desk Clerk	8.22
99095 - Embalmer	19.02
99300 - Lifeguard	9.26
99310 - Mortician	17.39
99350 - Park Attendant (Aide)	11.63
99400 - Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	8.67
99500 - Recreation Specialist	11.36
99510 - Recycling Worker	11.47
99610 - Sales Clerk	8.32
99620 - School Crossing Guard (Crosswalk Attendant)	8.09
99630 - Sport Official	8.05
99658 - Survey Party Chief (Chief of Party)	12.69
99659 - Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	11.54
99660 - Surveying Aide	8.48
99690 - Swimming Pool Operator	11.13
99720 - Vending Machine Attendant	9.98
99730 - Vending Machine Repairer	11.13
99740 - Vending Machine Repairer Helper	9.98

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$2.59* an hour or \$103.60* a week or \$448.93* a month
 VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; and 3 weeks after 10 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. A contractor may substitute for any of the named holidays another

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Signs – Tioga-Hammond Lakes

day off with pay in accordance with a plan communicated to the employees involved.)
(See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)
2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dyeing, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the

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Signs – Tioga-Hammond Lakes

"Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper. When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

*Effective June 1, 2004.

SPECIFICATIONS

Purchase Request

1. Work Statement and Delivery:

The work will consist of sign fabrication, provide mounting hardware and delivery to the U.S. Army Corps of Engineers.

U.S. Army Corps of Engineers
Tioga-Hammond & Cowanesque Lakes Project
RR # 1 Box 65
Tioga, Pa. 16946
(570) 835-5281

2. Justification:

The current entrance signs at Tioga-Hammond Lakes are twenty-five years old and do not meet Corps sign standards.

3. Specifications:

Signs will be manufactured according to the specifications that are described in pages 3 through 23.

4. Completion Date:

01 September 2004

All questions will be addressed to:

Danielle Huffman, Park Ranger
L. Paxton Whipple, Maintenance Foreman

Tioga-Hammond/Cowanesque Lakes
RR #1 Box 65, Tioga, Pa. 16946
570-835-5281

Specifications

Qty	Sign Type	Legend	Legend A/M	Panel Size	Material
1	STANID	Lambs Creek / Recreation Area / Tioga Lake	6"	108" x 33"	WRC
1	STANID	Ives Run / Recreation Area / Hammond Lake (2 sided)	9"	126" x 40.5	WRC

Purchase Request

1. Work Statement and Delivery:

The work will consist of sign fabrication, provide mounting hardware and delivery to the U.S. Army Corps of Engineers.

U.S. Army Corps of Engineers
Tioga-Hammond & Cowanesque Lakes Project
RR # 1 Box 65
Tioga, Pa. 16946
(570) 835-5281

2. Justification:

The current entrance signs at Cowanesque Lake are twenty-five years old and do not meet Corps sign standards.

3. Specifications:

Signs will be manufactured according to the specifications that are described in pages 3 through 23.

4. Completion Date:

01 September 2004

All questions will be addressed to:

Danielle Huffman, Park Ranger
L. Paxton Whipple, Maintenance Foreman

Tioga-Hammond/Cowanesque Lakes
RR #1 Box 65, Tioga, Pa. 16946
570-835-5281

Specifications

Qty	Sign Type	Legend	Legend A/M	Panel Size	Material
1	STANID	Tompkins / Campground / Cowanesque Lake (2-sided)	9"	144" X 48"	WRC
1	STANID	Lawrence/ Recreation Area / Cowanesque Lake (2-sided)	9"	162" X 48"	WRC
1	STANID	North Overlook / Cowanesque Lake (2 sided)	9"	162" X 40.5"	WRC
1	STANID	South Overlook / Cowanesque Lake (2-sided)	9"	162" X 40.5"	WRC

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Signs – Tioga-Hammond Lakes

PURCHASE REQUEST
Signs

1. **Supply/deliver:** Goods and services to the U.S. Army Corps of Engineers

U.S. Army Corps of Engineers
Tioga-Hammond & Cowanesque Lakes Project
RR # 1 Box 65
Tioga, Pa. 16946
(570) 835-5281

2. **Justification:**

The current entrance signs at Tompkins Campground, Ives Run Recreation Area and Lambs Creek Recreation Area are twenty-five years old and do not meet Corps sign standards. The Lambs Creek entrance sign also needs replacement due to recent relocation of the recreation area entrance on Route 15. In addition, various signs throughout all recreation areas are scheduled for replacement. Funding has been provided and approved through a Congressional Add for the specified work to be completed in FY 04.

3. **Specifications:** Signs will be manufactured according to the specifications that are described in pages 3 through 23.

4. **Completion Date:**

01 September 2004

5. **Government Estimate:**

Cost for replacement of 6 Standard Identification Routed Signs	\$35,000.00
	(T-H: \$17,000)
	(COW:\$18,000)



6. Bidders List:

- 1.) SouthWood Corporation
P.O. box 240457
Charlotte, NC 28224
800-438-6302
Amy Ricarte [amyricarte@southwoodcorp.com]

2. Columbus Graphics, Inc.
146 South Yale Avenue
Columbus, Ohio 43222
614-351-1771
CGI1980@aol.com

Specifications

Qty	Sign Type	Legend	Legend A/M	Panel Size	Material
1	STANID	Lambs Creek / Recreation Area / Tioga Lake	6"	108" x 33"	WRC
1	STANID	Ives Run / Recreation Area / Hammond Lake (2 sided)			
1	STANID	Tompkins / Campground / Cowanesque Lake (2-sided)			
1	STANID	Lawrence/ Recreation Area / Cowanesque Lake (2-sided)			
1	STANID	North Overlook / Cowanesque Lake (2 sided)			
1	STANID	South Overlook / Cowanesque Lake (2-sided)			



US Army Corps of Engineers

Corps SignPro Sign Data Management

Baltimore District (CENAB)

Cowanesque

Lawrence Recreation Area (CLW)

1

overview

message

history

notes

map

photo

sign 1 of 2

last >>

next

standard identification

sign 0001 overview

id 519

preview

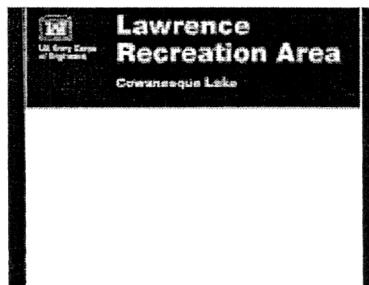
sign type **STANID**

spec code

sign status

road speed

viewing distance feet



legend

typestyle

size (A/M)

legend length

material

layout grid

color

post

quantity

size (w/d) x

material

color

breakaway yes no

panel

quantity

size (w/h) x

material

mounting method

mounting height

color

footing

quantity

size (w/d/h) x x

material



US Army Corps of Engineers

Corps SignPro Sign Data Management

Baltimore District (CENAB) go

Cowanesque

North Overlook (CNO)

logout

inventory

reports

1 go

overview

message

history

notes

map

photo

sign 1 of 1

standard identification

sign 0001 overview

id 483

preview

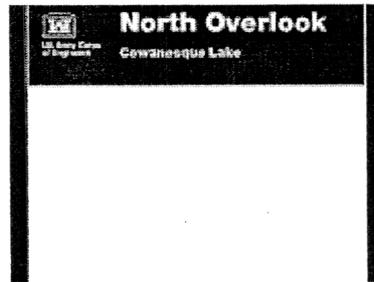
sign type **STANID**

spec code **RRW-01**

sign status **proposed**

road speed **55 mph**

viewing distance **250** feet



submit sign update

legend

typestyle **helvetica bold**

size (A/M) **9"**

legend length **11A (99")**

material **reflective paint**

layout grid **1-1**

color **WH white**

submit sign update

post

quantity **2**

size (w/d) **9" x 8"**

material **RW redwood**

color **CB corps brown stain**

breakaway yes no

submit sign update

panel

quantity **double sided (2)**

size (w/h) **162" x 40.5"**

material **RRW routed redwood**

mounting method **double post**

mounting height **40"**

color **CB corps brown**

submit sign update

footing

quantity **0**

size (w/d/h) **0" x 0" x 0"**

material **select material**

submit sign update



US Army Corps of Engineers

Corps SignPro Sign Data Management

Baltimore District (CENAB) go

Cowanesque go

South Overlook (CSS) go

1 go

logout inventory reports

overview message history notes map photo sign 1 of 1

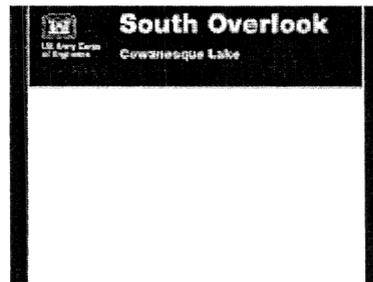
standard identification

sign 0001 overview

id 484

preview

sign type STANID
spec code RRW-01
sign status proposed
road speed 55 mph
viewing distance 250 feet



submit sign update

legend

typestyle helvetica bold
size (A/M) 9"
legend length 11.25A (101.25")
material reflective paint
layout grid 1-1
color WH white

submit sign update

post

quantity 2
size (w/d) 9" x 8"
material RW redwood
color CB corps brown stain

breakaway yes no

submit sign update

panel

quantity single sided (1)
size (w/h) 162" x 40.5"
material RRW routed redwood
mounting method double post
mounting height 40"
color CB corps brown

submit sign update

footing

quantity 0
size (w/d/h) 0" x 0" x 0"
material select material

submit sign update



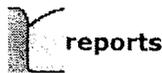
US Army Corps of Engineers

Corps SignPro Sign Data Management

Baltimore District (CENAB) go

Cowanesque go

Tompkins Campground (CTC) go



5 go

overview message history notes map photo sign 5 of 5

previous << first

standard identification

sign 0005 overview

id 555

preview

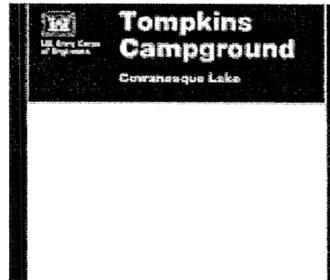
sign type **STANID**

spec code **RRW-01**

sign status **proposed**

road speed **55 mph**

viewing distance **100** feet



submit sign update

legend

typestyle **helvetica bold**

size (A/M) **9"**

legend length **9.25A (83.25")**

material **reflective paint**

layout grid **2-1**

WH white

submit sign update

post

quantity **2**

size (w/d) **9"** x **8"**

material **RW redwood**

CB corps brown stain

breakaway yes no

submit sign update

panel

quantity **double sided (2)**

size (w/h) **144"** x **49.5"**

material **RRW routed redwood**

mounting method **double post**

mounting height **40"**

color **CB corps brown**

submit sign update

footing

quantity **0**

size (w/d/h) **0"** x **0"** x **0"**

material **select material**

submit sign update



US Army Corps of Engineers

Corps SignPro Sign Data Management

Baltimore District (CENAB) go

Tioga-Hammond go

Ives Run Administration (IRA) go

logout

inventory

reports

1 go

overview message history notes map photo sign 1 of 9

last next

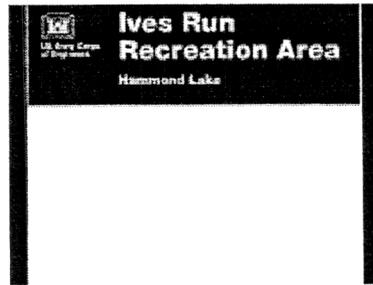
standard identification

sign 0001 overview

id 411

preview

sign type STANID
spec code RRW-01
sign status replace
road speed 55 mph
viewing distance 250 feet



submit sign update

legend

typestyle helvetica bold
size (A/M) 9"
legend length 11.75A (105.75")
material reflective paint
layout grid 2-2
WH white

submit sign update

quantity 2
size (w/d) 9" x 8"
material RW redwood
NA not applicable

breakaway yes no

submit sign update

panel

quantity double sided (2)
size (w/h) 162" x 56.25"
material RRW routed redwood
mounting method double post
mounting height 40"
color CB corps brown

submit sign update

footing

quantity 0
size (w/d/h) 0" x 0" x 0"
material select material

submit sign update



US Army Corps of Engineers

Corps SignPro Sign Data Management

Baltimore District (CENAB)

Tioga-Hammond

Lambs Creek

2

-
-
-

- overview
- message
- history
- notes
- map
- photo
- sign 2 of 3

- ← previous
- ⇐ first
- last ⇨
- next

standard identification

sign 0002 overview

id 522

preview

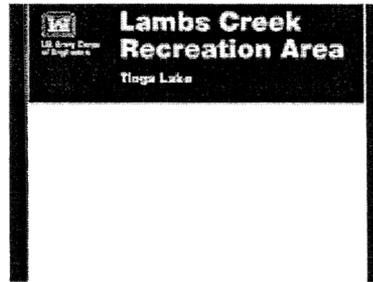
sign type

spec code

sign status

road speed

viewing distance feet



legend

typestyle

size (A/M)

legend length

material

layout grid

color

post

quantity

size (w/d) x

material

color

breakaway yes no

panel

quantity

size (w/h) x

material

mounting method

mounting height

color

footing

quantity

size (w/d/h) x x

material

Submittals

All contractors and products shall be approved in accordance with these specifications. Prior to the production of any work, the sign manufacturer shall submit a signed copy of fabrication shop drawings to the designated representative of the Corps of Engineers. These shall include finishes, graphic reproduction and hardware. All shop drawings signed "approved" shall supersede originating drawings. Manufacturers shall assume responsibility for errors in their drawings.

The following samples must be submitted which, once approved, shall become the standards against which the product shall be judged: joining detail, laminating detail, graphic application detail, hardware application, detail of each type of finish material and exact scaled pattern, showing typeface, letter-, word- and line-spacing, and placement of legend on sign panel.

2. Quality Assurance

The manufacturer, upon acceptance and approval of the submittal, assumes full responsibility for the construction, materials and workmanship of the work described in these specifications and drawings, and will be expected to comply with the spirit as well as the letter in which they were written.

omissions from drawings and specifications before commencing work and request clarification. A written addendum will be sent; the Corps of Engineers will not be responsible for oral instructions.

The manufacturer shall replace or repair as directed by the designated representative of the Corps of Engineers all such damaged or defective materials which shall appear within a period of one (1) year from the date of final acceptance.

The manufacturer shall note that any cost caused by defective or ill-timed work, as a result of, but not limited to inferior workmanship or materials, improper scheduling or delinquent ordering shall be borne by the party responsible therefor.

The manufacturer shall notify the designated representative of the Corps of Engineers of any discrepancies in, or

3. Packaging

Each package shall include complete instructions to unpack, assemble and install the sign. Approved instructions shall be furnished by the manufacturer as well as a telephone number for information on sign assembly and installation.

case of aluminum panels with frames) in one unit. Packaging shall be adequate to provide maximum protection from damage during storage and shipping. Panel shall be protected on both sides with a face sheet, and post to be completely wrapped in cardboard and bound. Cautionary labels for correct shipping and handling shall be placed on each package.

Complete sign assemblies shall be shipped disassembled in two (2) units, unless otherwise specified by the Corps. One (1) unit shall contain sign panel(s), frame assembly(s), and assembly hardware, and one (1) unit shall contain sign post(s).

All deliveries and shipping schedules shall be coordinated with the designated representative of the Corps of Engineers

Where panels are ordered separately, individual or groups of sign panels shall be shipped with all necessary hardware (in

4. Materials

All sign fabrication shall comply to the standards as described in the Graphic Standards Manual. No modification of any kind shall be permitted without the express written confirmation by the Corps. All materials shall be new and of first quality. Factory seconds shall not be accepted.

it shall be understood that reference is made to the ruling and judgement of the designated representative of the Corps of Engineers.

Shop tolerances shall not exceed $\pm .0625"$, field tolerances shall not exceed $\pm .125"$.

A list of approved and qualified products and materials is included in the back of this Section or can be obtained from the Corps of Engineers. No use of material other than those specified in this manual or "approved equal" shall be permitted.

Where the terms "approved equal", "other approved", "equal to", "acceptable", or other general qualifying terms are used,

5. Graphics

All typesetting shall comply to standards for the use of Helvetica Regular, Helvetica Medium, and Helvetica Bold, as described in Appendix D of this manual.

Color, typographic and Corps identification graphics shall conform to the standards as outlined in Section 4 and as shown on the layout drawing for each specific sign panel. No modification shall be permitted. Horizontal and vertical alignment of legends shall not deviate $\pm 0.0625"$. Camera-ready full-size artwork of the Corps signature shall be provided by the Corps of Engineers (see page 4.4-9). No modifications shall be permitted.

All artwork shall be reproduced using first generation images, as provided in this manual. Reproduction shall be performed using a distortion-free photo-mechanical process or a digitizing system with a pointing accuracy of 1/100" (1/25mm) or better. Plotter systems shall have a resolution and positioning accuracy of 1/50mm or better.

All retro-reflective graphics shall be produced in complete one-piece make up, not in individual sections. Lettering up to 45" high shall be produced pre-spaced in one piece. Larger lettering and graphics must be prepared pre-spaced in exact registration to abutting sections.

6. Engineering Criteria

The following criteria have been used as the standards governing material specification, assembly and footings for all recreation project signs, unless otherwise specified.

Wind Pressure	35 PSF
Soil	2-KSF-Minimum
Frost Depth	48" Maximum

If these criteria are not adequate for a specific sign location, necessary modification shall be made to conform to the basic assembly specifications of specified sign type. Modifications may include, but are not limited to thicker panels, larger dimension sign posts or larger footing configuration.

The design of the structural requirements of special one-of-a-kind signs shall conform to the basic assembly specifications for similar sign types. The modified assembly shall fulfill the requirements of local criteria for wind pressure, soil and frost depth.

Assembly configurations and material specifications are referenced under "specification code" with sign descriptions in Sections 5-18. Detailed material, assembly, and mounting specifications are provided on the next pages.

The following materials shall be used for the construction of signs unless special panels and/or modifications require more stringent standards of performance:

Sign posts for routed redwood signs shall use construction heart redwood per grading rules of the California Redwood Association, or better.

Posts for signs with the HDO or ALU specification codes may use construction heart redwood per grading rules of the California Redwood Association or better, treated Douglas fir No.1 or better, or treated southern yellow pine No.1 or better, unless otherwise specified.

Do not use treated posts on signs with routed redwood panels.

Material shall be well seasoned and free of any defects. All post sizes may be no more than 0.5" less than nominal dimensions, and will be sanded smooth prior to finishing.

Break-away or frangible post

A large dimension wooden post on approach roadways or project roadways may require break-away or frangible posts. These are used only for signs placed within the highway right-of-way. Break-away capacity is created by drilling holes parallel to the face of the sign near the base of the upright. The number, size, and location of holes will be determined based upon size of upright, type of wood, size and height of sign panel, and location of the sign. Because of the wide variation in structural capacity of different types of wood, standard specifications are not provided. Local engineering requirements vary greatly from one jurisdiction to another. It is recommended that state or local highway engineering design criteria prevail when placing a sign requiring this feature.

Sign panels shall use HDO plywood, (0.75" thick unless otherwise instructed), or redwood (clear heart, 2" thick). Alternate material includes sheet aluminum (0.080-0.125"), with appropriate reinforcements as specified on page B.2c.

Footing shall consist of concrete 2500 PSI (28 days). Dimensions shall be as indicated on page B.2b.

6. Engineering Criteria (cont'd)

The recommended footing size and depth for all signs except directional signs (see page B.2c) as specified in the two right columns of the diagram below, will depend upon the criteria listed in the six columns on the left. The decision to provide concrete footings for signs should be based upon site conditions and post size.

Use the diagram to select the appropriate footing configuration. Any conditions that go beyond the criteria shown shall be engineered on a site-by-site basis.

Footing Diagram

Post Size	Frost Depth	Post Number	HAGL	Panel Size (sq. ft.)	Panel Height	Footing Cross Section	Footing Depth
4" x 4", 4" x 6", 6" x 6"	0" - 30"	1	42"	≤9	≤4' - 6"	1' - 6"	2' - 6"
					>4' - 6"	1' - 6"	4' - 0"
				>9	na	1' - 6"	4' - 0"
			60"	≤7	≤3' - 6"	1' - 6"	2' - 6"
				>3' - 6"	1' - 6"	4' - 0"	
		>7		na	1' - 6"	4' - 0"	
		2	42"	≤20	≤5' - 0"	1' - 6"	2' - 6"
				>5' - 0"	1' - 6"	4' - 0"	
	>20			na	1' - 6"	4' - 0"	
		60"		≤16	≤4' - 0"	1' - 6"	2' - 6"
				>4' - 0"	1' - 6"	4' - 0"	
	>16			na	1' - 6"	4' - 0"	
4" x 4", 4" x 6", 6" x 6"	30" - 36"	1	42"	≤10	≤5' - 0"	1' - 6"	3' - 0"
					>5' - 0"	1' - 6"	4' - 0"
				>10	na	1' - 6"	4' - 0"
			60"	≤9	≤4' - 6"	1' - 6"	3' - 0"
				>4' - 6"	1' - 6"	4' - 0"	
		>9		na	1' - 6"	4' - 0"	
		2	42"	≤24	≤6' - 0"	1' - 6"	3' - 0"
				>6' - 0"	1' - 6"	4' - 0"	
	>24			na	1' - 6"	4' - 0"	
		60"		≤20	≤5' - 0"	1' - 6"	3' - 0"
				>5' - 0"	1' - 6"	4' - 0"	
	>20			na	1' - 6"	4' - 0"	
4" x 4", 4" x 6", 6" x 6"	36" - 48"	1,2	na	na	na	1' - 6"	4' - 0"
6" x 8", 9" x 9"	0" - 48"	1,2,3	na	na	na	2' - 0"	4' - 0"

0. Introduction

0.1 Intent

0.1.1 The following pages in this document (B.2d-i) identify the general contract performance requirements for sign fabricators, sign installers, and material suppliers. It is provided as a guideline for attachment to, or to be made part of all requests to Contractors for signs, in compliance with the *U.S. Army Corps of Engineers Sign Standards Manual*.

0.1.2 The function is to provide a common standard by which to select contractors and evaluate work in-progress and work supplied to Corps projects.

0.1.3 This document has been reviewed by the Office of Contracting Policy for use when contracting for signs, sign installation and sign maintenance services in compliance with the *U. S. Army Corps of Engineers Sign Standards Manual*.

0.2 Contents

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**1.4 Quality Assurance
Continued**

1.4.4 The Contractor shall replace at his/her own expense all signs or sign parts that are damaged or defective, before final acceptance.

1.4.5 The Contractor shall replace or repair as directed by the Corps all damaged or defective materials, or signs which fail to meet specifications at the point of delivery, upon completion of installation, or within a period of one (1) year exposure to the natural elements from the date of final acceptance.

1.4.6 The Contractor is advised that any cost caused by defective or ill-timed work, as a result of, but not limited to inferior workmanship, materials, improper scheduling, or delinquent shipment shall be born by the Contractor.

1.5 Delivery, Storage

1.5.1 All signs shall be completed and delivered within six (6) weeks of date of authorization to proceed along with receipt of the Purchase Order or Contract, unless otherwise specified.

1.5.2 The Contractor shall submit an itemized written confirmation of each order within three (3) working days with a delivery and/or installation schedule, less any item in question. The Contractor shall attach in writing any questions concerning the order and return these with the confirmation. The Corps will submit in writing, a clarification for any item in question. Upon receipt, the Contractor will confirm these additional items as noted above.

1.5.3 Orders of special, non-catalog signs shall be confirmed by the Contractor with a half-scale or full-scale plotted drawing or weeded rubylith film of the custom sign-face, showing legend in specified typeface, with letter-, word-, and line-spacing as it will appear on the actual sign. Plotted drawings shall be approved by the Sign Coordinator.

1.5.4 The Contractor shall store, ship and handle all signs so as to protect them from any kind of damage.

1.5.5 Each package shall be clearly labeled and include complete instructions on how to unpack, assemble and install the sign.

1.5.6 Each shipping container shall be closed and sealed on all sides. Signs and sign parts must be properly packed and braced to prevent them from shifting or abrading or otherwise being damaged while in transit. Any container weighing over sixty (60) pounds must have a raised base to allow lift truck forks to be placed under the package without causing damage to the container.

1.5.7 Complete sign assemblies shall be shipped disassembled in two (2) units, unless otherwise specified by the Corps. One (1) unit shall contain sign panel(s), frame assembly(s), and assembly hardware, and one (1) unit shall contain sign post(s).

1.5.8 Separately ordered sign panels shall be shipped with all necessary attachment hardware in one unit.

1.6 Installation (Optional)

1.6.1 When installation is included in the project sign order, installation charges relating to a specific project may be necessary to meet a minimum dollar requirement. This amount will vary depending on the location of the Contractor. In the event the minimum charge cannot be met, the Contractor shall ship the item(s) ordered and an approved local sign Contractor shall be contracted to provide requested installation services.

1.6.2 With installation the Contractor is to furnish at his own cost all labor, materials, tools, equipment, loading/unloading and transportation services required to perform and complete the work according to the specifications and contract documents. All work shall be done in accordance with the highest standards of the industry.

1.6.3 The Contractor shall follow all regulations and instructions for installation

as provided in the Contract Documents or by the Sign Standards Manual, and shall notify the Corps if such installation will not provide permanent, rigid installation within existing site conditions.

1.6.4 The Contractor shall contact the Corps Project Manager at least fourteen (14) days prior to delivery/installation to be instructed when and how delivery and/or installation are to be made. The Corps cannot delay or detain contractors unnecessarily or prevent them from meeting the schedule without providing written notification, at least fourteen (14) days prior to delivery and/or installation.

1.6.5 Designated temporary or permanent signage at the location of any new sign shall be removed completely by the Contractor prior to installation of the new signs unless otherwise specified.

1. Technical Provisions

1.1 Authority

1.1.1 In the event of any conflict between these provisions and the attached document entitled *Sign Standards Manual, EP 310-1-6a & 6b*, the requirements of the latter document shall take precedence and apply.

1.2 Definitions

1.2.1 For the purpose of this document the following definitions shall apply.

1.2.2 *Contractor* shall mean the individual, firm or corporation executing the contract and performing the work under the terms of the contract documents.

1.2.3 *Contract documents* shall mean all drawings, specifications and other items comprising the contract.

1.2.4 *The Corps* shall mean the designated representative of the U.S. Army Corps of Engineers.

1.2.5 *Standards, Sign Standards and Sign Program Standards* shall mean all sign format designs, typography stan-

dards, material and fabrication specifications, and related planning and management guidelines as contained in the *Corps of Engineers Sign Standards Manual (EP 310-1-6a and 6b)*, all Sign Program Management Advisories, and associated documents including ER 1130-2-431.

1.2.6 Where *Approved Equal, Other Approved, Equal To, Acceptable*, or other general qualifying terms are used, it shall be understood that reference is made to the ruling and judgement of the designated representative of the Corps of Engineers.

1.3 Submissions

1.3.1 *Shop Drawings*: Prior to the production of any work, the Contractor shall submit a signed copy of shop drawings to the Corps. These drawings shall include: details of construction and hardware, finishes, and graphic reproduction drawings of sign face (graphic format, legend, typography, and symbols). All shop drawings signed "approved" shall supersede originating drawings. The Contractor shall assume responsibility for errors in their drawings.

1.3.2 The Contractor shall notify the Corps of Engineers of any discrepancies in, or omissions from drawings and specifications that are part of these contract documents before commencing work and request clarification. The Corps will provide a written addendum and will not be responsible for oral instructions.

1.3.3 *Samples*: Submit following samples which, once approved, shall become the standard against which the product

shall be judged: joining detail, laminating detail, graphic application detail, hardware application, detail of each type of finish material and an exact full-size pattern, showing typeface, letter-, word-, and line-spacing, and placement of legend on sign panel for each of the specific type(s) of sign(s) (for example: STANID, APRDIR, Recreation Grids 1-3, RS, etc.) to be produced.

1.3.4 *Graphics*: Prior to production, the Contractor shall submit exact (full or half-scale) fine-line pen plotting, or weeded rubylith film patterns of all standard signs faces to be produced as shown in the Sign Standards Manual. These submissions shall include all typography, symbols, rules, border (crop marks) and other graphic elements that are part of the sign face. These patterns will become the standard by which all fabricated signs are judged.

1.4 Quality Assurance

1.4.1 The Contractor upon acceptance and approval of the submittals shall assume full responsibility for the construction, materials and workmanship of the work described in these notes and drawings, and will be expected to provide signs that meet or exceed those standards.

1.4.2 The Corps reserves the right to inspect the Contractor's manufacturing and storage facilities, sign materials, supplies and products at any time the Contractor is manufacturing sign products for the Corps.

1.4.3 The Corps reserves the right to disassemble any finished product and to subject it to any test necessary to determine its strength or integrity. In the event of product failure, the Contractor shall be required to rectify all deficiencies noted by the Corps. If any product is damaged by the test result but meets the standards, the Contractor shall be reimbursed for replacement.

Continued

1.6.6 All existing signage and related structures shall be removed from the project and disposed of properly in accordance with state and local regulations unless otherwise indicated.

1.6.7 The Corps shall be responsible for identifying the exact placement location of each sign panel. The Contractor shall not be responsible for any damage to underground utilities due to digging in the specified location.

1.6.8 The Contractor shall check and verify all dimensions and conditions at the job site prior to installation.

1.6.9 The Contractor shall install all signs level and plumb at the specified heights and alignments.

1.6.10 The Contractor shall protect all adjacent structures, surfaces, vegetation and plant materials from damage during installation. Any damage to the items described above must be restored to original condition and appearance, or replaced within thirty (30) days. The Contractor shall provide all necessary protection for his work until turned over to the Corps.

1.6.11 The Contractor shall remove all packing, sign boxes, and construction materials from the project upon completion of installation.

1.6.12 The Contractor shall submit two (2) copies of the invoice, showing the order or contract number, and certifying that installation is complete and correct.

2. Sign Specification

2.1 General

2.1.1 All sign fabrication shall comply to the standards as described in the Sign Standards Manual. No modification of

any kind shall be permitted without the express written confirmation of the Corps.

2.2 Materials

2.2.1 All materials shall be new and of first quality. Materials shall meet or exceed the standards and specifications. Factory seconds shall not be accepted.

2.2.2 Shop tolerances shall not exceed ± 0.0625 " (1/16"). Tolerances include, but are not limited to, overall dimensions, alignment of mounting hardware and adherence to graphic formats. Field tolerances shall not exceed ± 0.125 " (1/8"). Tolerances include but are not limited to, leveling and alignment of mounting, height above grade level (HAGL) and interfit of sections of large signs with frames.

2.2.3 All materials shall comply with the items provided in the Sign Materials and Manufacturers List (Appendix E), or

approved equal. These products and materials have demonstrated capability to comply with standards and specifications as specified in the Sign Standards Manual.

2.2.4 To determine what is an equal or better product when a material is specified by name with note "or approved equal", the burden is on the manufacturer to provide proof to the District Sign Program Manager that the alternate product can and does meet or exceed Corps standards by comparisons using all available performance criteria, product warranties, convenience of maintenance, and overall appearance. "Equal or better" is not based on the cost of the material, but rather on product specifications.

2.3 Graphic Capabilities

2.3.1 All typesetting shall comply with standards for the use of Haas Helvetica Regular, Helvetica Medium, and Helvetica Bold, as described in Appendix D of the Sign Standards Manual. No modifications shall be permitted.

2.3.2 All computer-generated graphics shall comply with the specifications as described in Appendix B and D, including the Type Generation Standards, of the Sign Standards Manual. No modification shall be permitted without the express written approval of the Corps.

2.3.3 Computer-generated symbols digitized from artwork provided in the Sign Standards Manual must match one-to-one the original artwork when placed on samples cut from rubylith film. Digitized symbols should be kept on file by the Contractor for reproduction in any size required.

2.3.4 Formats and graphics for non-catalog, custom made signs shall be kept on file for a period of one year by the Contractor for future reproduction without any additional make-up cost.

The following conditions of this contract performance specification are applicable to all national supply contracts and agreements.

3. National Sign Supply Agreements

3.1 Description

3.1.0 The following contract services and performance requirements apply to all suppliers who are providing signs to the Corps under a National Sign Supply Agreement. This includes designated contractors under a National Requirements Contract, UNICOR: Federal Prison Industries, and contractors on the

General Service Administration contract schedule who have a demonstrated capability to comply with applicable Corps Sign Standards and/or specific sign products.

4. Contractor Qualifications

4.1 Requirements

4.1.1 No subcontracting for sign manufacturing shall be allowed, in part or in whole, unless otherwise agreed upon by both parties in writing. The Contractor shall have all resources to produce the signs in-house.

4.1.2 On a quarterly basis beginning with January 1, the Contractor shall provide the National Sign Program Manager a computer print-out of all signs ordered. The listing, alphabetically ordered by District, and Project, and shall include, but is not limited to; sign type code, specification code, legend size (A), quantity, date of purchase and exact description of all non-catalog signs.

4.1.3 The Contractor shall provide a price list for all standard catalog Corps sign products. Requests for quotations for non-catalog signs shall be submitted to the Contractor in writing by the ordering Corps office. The Contractor will submit a written quotation for work unless the price can be determined directly off a approved price schedule.

4.1.4 All finished sign panels shall be provided with a weather resistant identification placed on the back of the sign indicating sign plan ID number, manufacturer, and date of fabrication. Format of identification to be specified by the National Sign Program Manager.

4.1.5 The Contractor shall inform the Corps National Sign Program Manager of any order that does not comply with the Sign Standards Manual prior to fabrication.

4.1.6 The Contractor shall have the following methods of communication; incoming WATS line; telefax; and electronic mail (as supplied by tie-in with Corps network).

4.1.7 The Contractor shall furnish a toll-free telephone number, staffed during normal business hours for information on sign assembly, installation and ordering.

4.1.8 Prior to the awarding of the contract, the Corps may inspect the facilities of the Contractor to verify capability to perform contract requirements.

4.1.9 The Contractor shall have sufficient financial stability to carry both the anticipated level of raw materials and product inventory, while simultaneously carrying outstanding receivables.

4.1.10 The Contractor must maintain and support a formal quality assurance program, to be evidenced by the employment of a full-time Quality Assurance Manager and supporting written documentation.

4.1.11 All deliveries and shipping schedules shall be coordinated with the designated representatives of the Corps of Engineers. All schedules for the above listed contracted suppliers shall be maintained within a 5% error margin (3% of total production/delivery time) during any six (6) month period.

4.1.12 Any failure of the Contractor to live up to the regulations and requirements as described in these contract documents and items included in the General Contract Provisions shall be just cause for the Corps to terminate this agreement.

5. Government Provisions

5.1 Additions and Modifications

5.1.1 The Corps shall notify the Contractor of any specification changes, prior to implementation, to allow the Contractor forty-five (45) days to modify its manufacturing procedures.

5.1.2 The Corps agrees to notify the Contractor of any new Corps sign products. The Contractor will be required to incorporate these items into the existing sign product schedule within 6 weeks of notification.

5.1.3 The Corps shall notify the Contractor at least forty five (45) days in advance of any proposed modification(s) to the manufacturing procedure.

5.2 Ordering and Receiving

5.2.1 All order forms shall be provided by the Corps and contain all necessary information to produce the sign.

5.2.2 The Corps shall provide a list of Corps personnel related to project sign orders, to be contacted in the event the Contractor requires clarification.

6. Contract Instructions

6.1 General

6.1.1 The government shall write the contract for one (1) year with four (4) one (1) year renewable options as set forth in FAR 17.204(e). Extension of contract term will be allowed only upon review of performance, and re-negotiated cost for all items included in the agreement.

6.1.2 Bid award will be based on an evaluation of proposals, against a criteria that includes; price (per itemized schedule), Contractor capabilities, experience, and financial stability. Criteria for each specific contract will be made part of the actual bid document or request for quotation.

6.1.3 Renewal of contracts shall be determined by HQUSACE (CECW-ON) (National Sign Program Manager) and the Designated District Procurement Officer upon review of performance and re-negotiated cost for all items included in the agreement.

6.1.4 Both parties shall be notified at least one-hundred and twenty (120) days in advance of any proposed modification of this agreement.

1.1 Signs

1. Materials

Panels shall be constructed of clear heart, kiln-dried vertical grain redwood throughout, one board thick (2" gross) using 2" dimensional lumber (2" x 6", 2" x 8", and 2" x 10"). Surfaces shall be edge-glued and planed smooth to finish out 1.75" thick. The end grain of laminated panel ends shall be face-glued with a 2" x 1.25" end strip, reinforced with 2" zinc plated No.14 Phillips pan-head screws counter sunk and filled with glued-in redwood plugs.

Frames shall be fabricated of construction heart redwood lumber. Dimension length of frame 2" longer than finished panel, to create a 1" reveal at both ends of panel. Lumber sizes vary depending on post dimensions.

Post Size	Lumber
4" x 6"	2" x 4"
6" x 8"	4" x 4"
9" x 8"	4" x 4"

Intermediate support members shall be installed for large size panels.

Panel Size	Support Member(s)
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Sign posts shall be fabricated of one piece construction heart redwood. Material shall be well seasoned, free of any defects. All post sizes may finished no more than 0.5" under nominal dimensions, and will be sanded smooth prior to finishing.

Panels, frames and posts to be selected per grading rules of the California Redwood Association or better.

Glue laminated post can be used as an alternate and shall be constructed of clear heart, kiln-dried redwood only.

All complete sign panel and post assemblies must be pre-drilled and assembled in the shop prior to shipment to check alignment and ensure proper fit once installed. Panels manufactured as separate units shall be pre-drilled with hardware inserted in place.

1.2 Hardware

Panel attachment hardware shall be – 2" x 2" aluminum keyhole receiving plate, to be attached to panel with four (4) No.12 flat head wood screws. A slot of 0.5" deep shall be routed to receive hex bolt.
– 0.375" bolt with 0.5625" hex head and 0.5625" hex nut. Bolt shall be threaded through frame leaving 0.125" of shaft exposed on either side after attaching hex nut. Panel with keyholes is hung on hex head or nut. Four (4) keyholes shall

be used per panel for dimensions up to 8' - 0". Larger panels must use six (6) plates per panel.

Frame assembly hardware shall be 2" x 2" or 3" x 3" aluminum angle bracket, to be attached to frame with six (6) 0.375" lag bolts.

Frame attachment hardware shall be 0.5" x 6" lag bolts to attach frame to sign posts.

1.3 Laminates

Adhesive shall be phenolic resornicol moisture resistant, or approved equal. Application must be performed within 15 minutes between the first glue application and the final setting of the clamps. The surface of each joint face shall be completely covered with adhesive. Glued panels to cure for a minimum of 24 hours with clamps in place.

Air temperature shall be between 70-90 degrees Fahrenheit during drying of boards, glue application and curing process. Boards to be stacked on drying racks and dried not less than 24 hours prior to gluing.

1.4 Finishes

Primer shall be ready-mixed exterior alkyd (oilbase), Sherwin Williams, Benjamin Moore, Pittsburgh Paint, or approved equal. Routed areas and raised surfaces of the Corps Castle Logo shall be brushed with one (1) coat of primer. To prevent bleeding on the face of the panel, DO NOT use thinner to remove residual paint, but wipe clean with dry cloth. Remaining surface paint shall be removed with the final sanding of the sign face.

Paint shall be ready-mixed exterior alkyd gloss enamel, Sherwin Williams, Benjamin Moore, Pittsburgh Paint, or approved equal. Raised surfaces of the Corps Castle Logo shall be brushed with two (2) coats of Corps Communication Red. To prevent bleeding on the face of the panel, DO NOT use thinner to remove residual paint, but wipe with dry cloth.

1.4 Finishes (Cont'd)

Reflective liquid shall be 3M White No. 7216, or approved equal. Brush apply a minimum of two (2) coats in routed areas to ensure a uniform finish. Follow manufacturer's specification for application and drying time. To prevent bleeding on the face of the panel, Do Not use thinner to remove residual liquid, but wipe clean with dry cloth. Remaining surface liquid shall be removed with the final sanding of the sign face.

Stain shall be semi-transparent waterproof, anti-bacterial redwood stain to match Corps Brown, Olympic brand redwood stain No. 715, or approved equal. Apply with brush or roller to all exposed surfaces of sign panel and posts. Do not stain areas to receive paint or areas already painted. Remove excess paint by wiping with dry cloth. Stain shall be thoroughly mixed prior to and during application to ensure even pigmentation. Panels will be rack dried a minimum of 24 hours and completely dry to the touch prior to shipping.

Clear water repellant finish shall be Woodlife, CWF brand, or approved equal. Apply to all non-exterior surfaces not treated with stain. Follow manufacturer's specification for application and drying time.

Paint room facilities shall be well-ventilated, dust-free and enclosed. Air temperature shall not be less than 65 degrees Fahrenheit during application of paint.

Finished sanding shall be performed after finish coats of letter-fill enamel have been applied and thoroughly dried. Panel to be machine drum sanded, removing up to 0.0625" of the sign surface. No planing, use of hand-held belt, orbital or vibrating sander shall be permitted, all sawdust and sanding residue shall be removed from the sign.

2. Graphics

2.1 Routing

All artwork shall be machine routed unless otherwise specified (see Castle Logo) using a vertical-sided flat-bottom bit. Routed graphics must conform exactly to the same size artwork, including the Corps Castle Logo. Routing depth to be a uniform .375", except where such depth would distort very small forms. Corners of the castle logo and typography less than 3" cap height shall have a radius no greater than .0625". Typography of 3" and larger shall have radii no greater than .125". All burrs on edges will be removed by sanding with the grain of the wood.

Castle Logo may be machine routed or fabricated of cast acrylic for increased durability. Acrylic insert shall have the same placement, color and dimensions as a routed Castle Logo, and shall be mounted flush to the face of the sign panel. Acrylic insert shall be glued in to the routed slot with clear silicone adhesive.

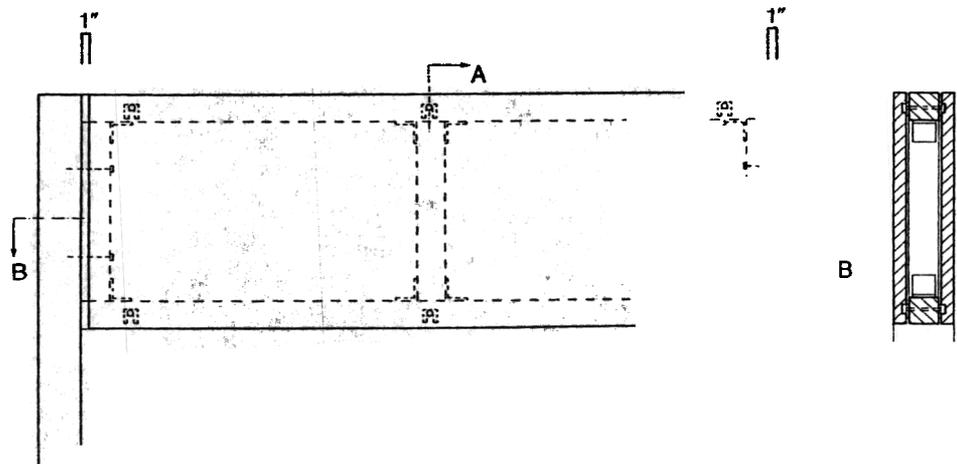
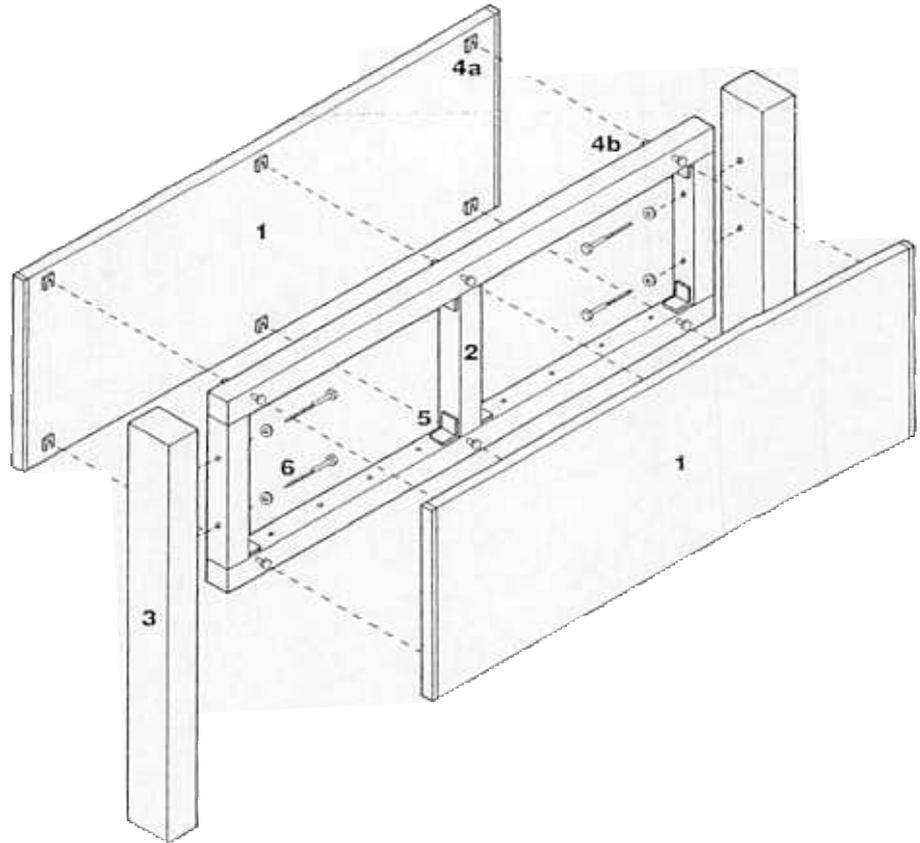
Both routed and acrylic communication marks that are repeatedly defaced can be replaced. Routed Castle Logos shall be cut around the perimeter of the outside routed concentric circle and sent to original manufacturer for replacement insert. Insert shall be replaced with a cast acrylic resin molded replica backed with a redwood panel to screw logo to the back of the original sign panel. Seal outline with clear silicone sealers after Logo is replaced. Acrylic Castle Logos can be replaced by removing the old plug and after thoroughly cleaning the routed slot inserting a new Castle Logo with clear silicone adhesive.

All items listed below shall conform to material specifications as described on page B.3 through B.3a for routed redwood signs, unless otherwise instructed on this page.

- 1** Panel, 2" thick with 2" x 1.25" endstrip. Dimensions of sign face indicate the panel including the endstrip.
- 2** Frame, 2" x 4" or 4" x 4" redwood. Length of frame to be sized 2" longer than panel to create a 1" reveal between panel and post on each end.
- 3** Solid or glue laminated post, 4" x 6", 6" x 8", 9" x 8" or 12" x 12". The dimension parallel to the sign face shall be equal to the Capital Letter Height (A). Post size shown here reflects the HAGL and does not include the section under ground. For footing see page B.2a-b.
- 4a-b** Panel attachment hardware. For attachment see detail 1 page B.7-1.
- 5** Frame assembly hardware. For attachment see detail 2, page B.7-1.
- 6** Frame attachment hardware.

NOTE: Intermediate support member(s) as shown are not representative for this particular sign type. Use depends on the length of each individual sign panel, see frame specification page B.3.

NOTE: Signs with a 12" legend shall be engineered on a one-of-a-kind basis to follow the design intent as shown in these specifications.



Front View

Cross Section A-A



Cross Section B-B

All items listed below shall conform to material specifications as described on page B.3 through B.3a for routed redwood signs, unless otherwise instructed on this page.

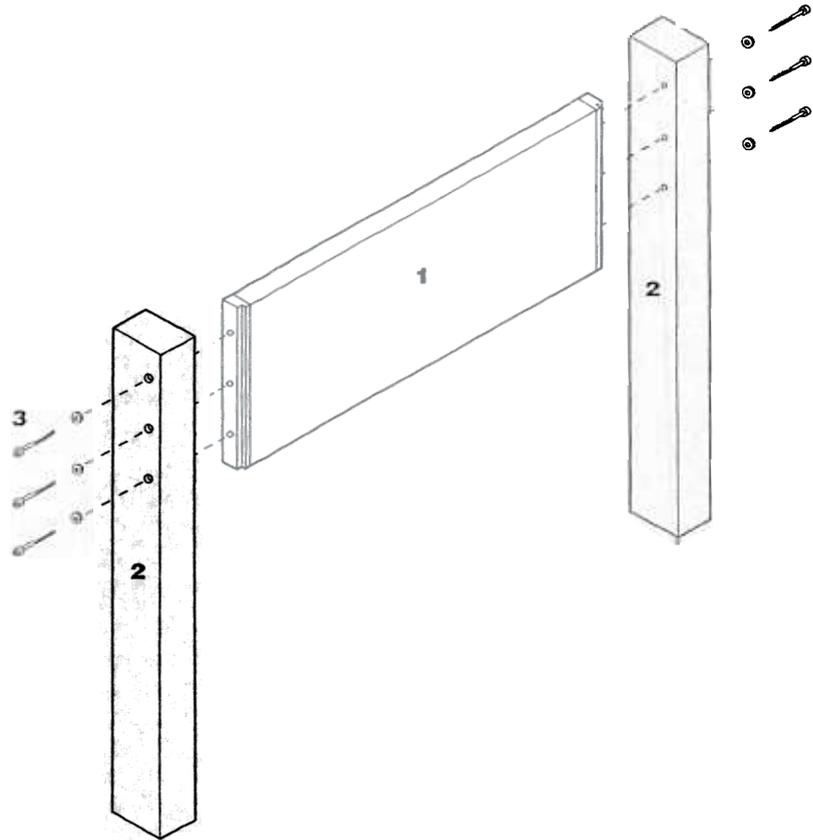
1 Panel, 2" thick redwood with 2" x 1.25" routed endstrip to create a 0.5" reveal, see detail 3, page B.7-2. Width dimension of sign face is measured from the inside reveal on each endstrip.

2 Solid or glue laminated redwood post, 4" x 4", 4" x 6", 6" x 6". The dimension parallel to the sign face shall be equal to the Capital Letter Height (A). Post size shown here reflects the HAGL and does not include the section under ground. For footing see page B.2a-b.

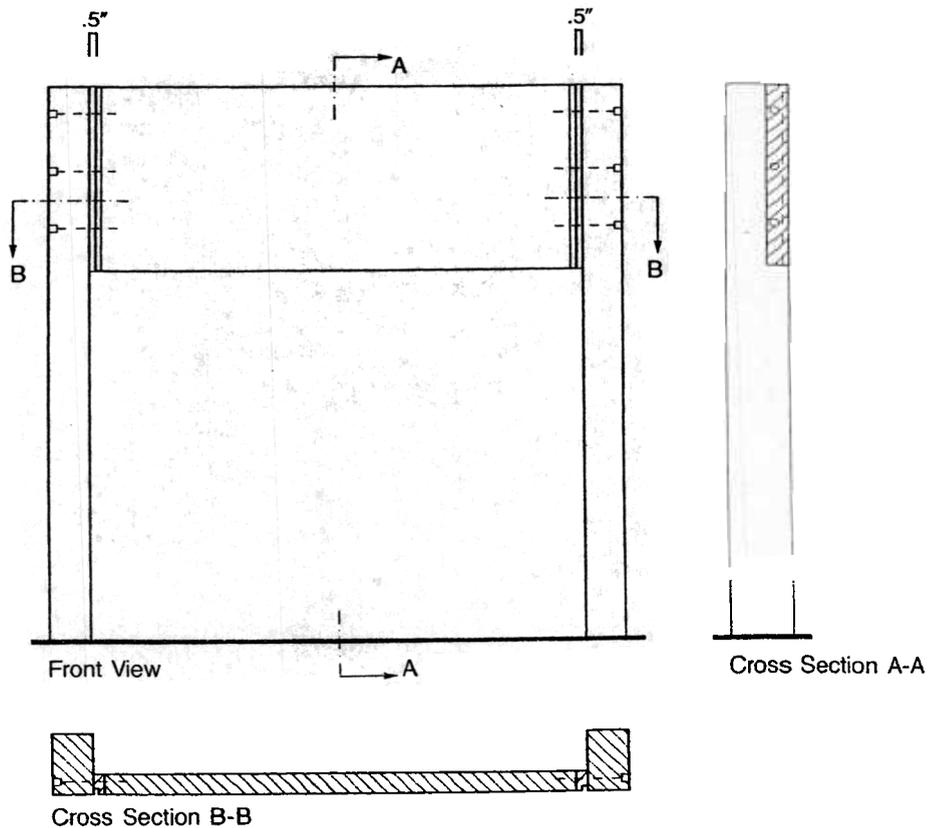
3 Panel attachment hardware shall be 0.3125" socket head cap screws and 0.5" washers, countersunk at least 0.25" from the surface of the sign post. For attachment see detail 3, page B.7-2.

NOTE: Double-faced signs shall be installed identical to single-faced signs, with a second sign panel mounted flush to the backside of the sign post. For attachment see detail 4, page B.7-2.

NOTE: Signs with panel heights less than 27" shall require only 2 bolts per side.



Exploded View



Front View

Cross Section A-A

Cross Section B-B

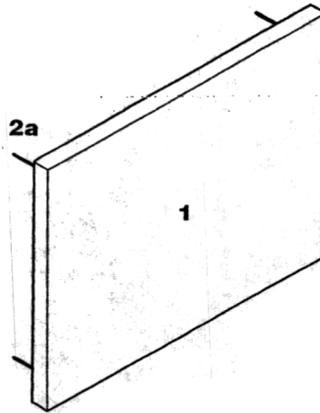
All items listed below shall conform to material specifications as described on page B.3-3a for routed Redwood signs, unless otherwise instructed on this page.

1 Panel, 2" thick with 2" x 1.25" endstrip. Dimensions of sign face indicate the panel including the endstrip.

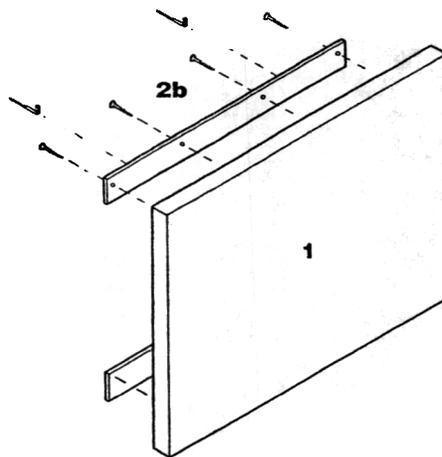
2a Panels no greater than 24" x 36" shall be attached to wall surfaces using threaded studs protruding from back of sign. Studs shall be permanently affixed square to the face of the panel.

Silicone adhesive shall be used in wall holes receiving the threaded studs, and in generous amount on the remainder of the sign back. Wall surface shall be clean and free of loose particles to promote good adhesion of silicone. Use foam tape or other temporary bracing until permanent adhesives are set.

2b Panels greater than 24" x 36" shall be attached to wall surfaces using a metal cleat, receiving hardware in a routed slot. Metal cleat shall be .125" aluminum, 2" wide with length 8" less than width of sign. It shall be screwed securely to the back of the sign face with No.12 flat head Phillips zinc plated wood screws. Cleat is to overlap routed groove with sufficient clearance to receive wall hardware. Appropriate hardware for wall material shall be used to securely fasten the panel (i.e. lead anchors, hollow-wall anchors, lag bolts, etc.). Silicone adhesive may be used in addition to mechanical fasteners to permanently secure sign panel to wall surface.



Exploded View (2a)



Exploded View (2b)

