

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. <i>(If applicable)</i>
6. ISSUED BY	CODE	7. ADMINISTERED BY <i>(If other than Item 6)</i>	CODE

8. NAME AND ADDRESS OF CONTRACTOR <i>(No., street, county, State and ZIP Code)</i>	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED <i>(SEE ITEM 11)</i>
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED <i>(SEE ITEM 11)</i>
CODE		FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: <i>(Specify authority)</i> THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES <i>(such as changes in paying office, appropriation date, etc.)</i> SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER <i>(Specify type of modification and authority)</i>

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

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

Item 14. Continued.

1. Standard Form 1442, First Page, Item 13.A.- Change the Receipt of Proposal date and time from "01 FEBRUARY 2002, AT 4 P.M. LOCAL TIME," to "**07 FEBRUARY 2002**, AT 4 P.M. LOCAL TIME."

2. Replacement Sections - Replace the following sections with the accompanying new sections of the same number and title, bearing the notation "ACCOMPANYING AMENDMENT NO. 0004 TO RFP DACA63-01-R-0014".

SECTION B SUPPLIES OR SERVICES & PRICE/COSTS
SECTION C DESCRIPTION/SPECIFICATION/WORK STATEMENT
SECTION H SPECIAL CONTRACT REQUIREMENTS

3. Attachment J-6 Wage Determinations - The following listed wage rates have been updated and shall be replaced with the attached wage rates of the same General Decision Number, bearing the notation "ACCOMPANYING AMENDMENT NO. 0004 TO SOLICITATION NO. DACA63-01-R-0014."

General Decision Number WA010002

END OF AMENDMENT

**SECTION B
SUPPLIES OR SERVICES & PRICE/COSTS**

B.1 PRICING SCHEDULE

FORT LEWIS, WASHINGTON		
ITEM NO.	DESCRIPTION	COEFFICIENT FACTORS
	WORK PLAN	
0001	PREPRICED ITEMS: Offerors shall perform all functions called out in any task order for the unit price sum specified in the unit price book, for any work required to be performed, multiplied times the coefficient factor	
0002	NON-PREPRICED ITEMS: Overhead and profit rate for all non-prepriced items on task order. Overhead and profit is defined as all items associated with performing the tasks, other than direct labor, equipment, and material costs (see Section H, "Non-prepriced Work").	
	CONSTRUCTION	
0003	PREPRICED ITEMS: Offerors shall perform all functions called out in any task order for the unit price sum specified in the unit price book, for any work required to be performed, multiplied times the coefficient factor	
0004	NON-PREPRICED ITEMS: Overhead and profit rate for all non-prepriced items on task order. Overhead and profit is defined as all items associated with performing the tasks, other than direct labor, equipment, and material costs (see Section H, "Non-prepriced Work").	
0005	ASBESTOS AND LEAD-BASED PAINT ABATEMENT - PREPRICED ITEMS: Offerors shall perform all functions called out in any task order for the unit price sum specified in the unit price book, for any work required to be performed for the removal and disposal of asbestos and lead-based paint, multiplied times the coefficient factor.	

B.2 OFFERS

a. Each offeror must submit an offer for all line items as described in Section B, for the base period and each option period in order to be considered acceptable. Award will be based on the factors outlined in Section M, "EVALUATION FACTORS FOR AWARD." Coefficient factors are to be carried no further than two (2) decimal points and shall be submitted on the Pricing Schedule in Section B.

b. The offer shall be "net," (e.g., 1.0) or a percentage "decrease from" (e.g., .95) or "increase to" (e.g., 1.2) to the unit prices listed in Volume III, UNIT PRICE BOOK (UPB). Offerors who submit separate coefficient factors for separate line items will be considered unacceptable and the offer will be rejected.

c. The offeror's Work Plan price coefficient factor must not include costs associated with Construction items, but must include all prime and sub contractor **profit and overhead costs** associated with but not be limited to the following:

AM #0004 1. Corporate, Regional, and Site offices (i.e. Office buildings, office spaces, office trailers, office management, office equipment and supplies, etc) **NOTE: For site office – office space and utilities at Fort Lewis, WA will be provided by the Government.**

2. Insurance
3. Compliance with environmental laws, protection and safety
4. Tax Laws
5. Price quotations
6. Contractor adjustments to Government Unit Prices
7. Permits, licenses and fees
8. Mobilization and close-out for total contract and each task order

AM#0004 9. Principles, project management and supervision
 10. Technical support staff (i.e. estimator, draftsman/CADD operator, etc.) and associated work
 11. Administrative support staff (i.e. clerks, secretaries, assistants, etc.) and associated work
 12. Quality Control

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13. Travel (includes all associated costs for all personnel except for A-E Service labor (only) to conduct site visits)

14. Training

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and **telephonic collaboration with the** MEDCOM Client at Madigan Army Medical Center (MAMC) and MEDCOM Support Team-Ft. Worth (i.e. progress reviews, negotiations, etc.)

16. Medical Facility interface with on going medical service

17. Interest associated with funding of equipment and payroll

18. Employee payroll taxes, insurance and fringe benefits

19. Risk of lower than expected contract dollar volume

20. Risk of high inflation costs for option periods

21. Risk of poor subcontractor performance and re-performance

22. Other risks of doing business

23. Business taxes, contributions, memberships, corporate headquarters support (legal, financial, etc.)

d. The offeror's Construction price coefficient factor must not include costs associated with Work Plan items, but must include all prime and sub contractor **profit and overhead costs** associated with but not be limited to the following:

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1. Corporate, Regional, and Site offices (i.e. Office buildings, office spaces, office trailers, office management, office equipment and supplies, etc) **NOTE: For site office – office space and utilities at Fort Lewis, WA will be provided by the Government.**

2. Performance and Payment Bonds (per Army Federal Regulation Supplement (AFARS) 17.9004-2(h))

3. Insurance

4. Compliance with environmental laws, protection and safety

5. Tax Laws

6. Protection for moving of Government property

7. Submittals (i.e. Preparation and distribution of as-builts, CQC Plans, Safety Plans, Accident Prevention Plans, Hazard Analyses, Test Procedures, Tests, Test Reports, Status Reports, Catalog Cut Sheets, Technical Data Sheets, Shop Drawings, etc.)

8. Price quotations

9. Contractor adjustments to Government Unit Prices

10. Clean-up

11. All waste and excess materials

12. Permits, licenses and fees

13. Mobilization and close-out for total contract and each task order

14. Signs and barriers

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15. Principles, project management and supervision

16. Technical support staff (i.e. estimator, draftsman/CADD operator, etc.)

17. Administrative support staff (i.e. clerks, secretaries, assistants, etc.)

18. Quality Control

19. Travel (includes all associated costs for all personnel)

20. Training

AM#0004

and **telephonic collaboration with the** MEDCOM Client at Madigan Army Medical Center (MAMC) and MEDCOM Support Team-Ft. Worth (i.e. progress reviews, negotiations, etc.)

22. Medical Facility interface with on going medical service

23. Interest associated with funding of equipment and payroll

24. Employee payroll taxes, insurance and fringe benefits

25. Risk of lower than expected contract dollar volume

26. Risk of high inflation costs for option periods

27. Risk of poor subcontractor performance and re-performance

28. Other risks of doing business

29. Business taxes, contributions, memberships, corporate headquarters support (legal, financial, etc.)

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30. The offeror should consider the cost of final clean-up and removal and hauling of trash, debris and rubbish in their coefficient. The Government will not pay nor accept line items for the final clean-up or rubbish hauling, etc., on task orders, unless it is explicitly excluded by the line items in the UPB.

e. The unit prices stated in the UPB include labor, materials and equipment. The contractor shall assume all risk for labor rate increases after award of a contract.

B.3 OPTIONS

- a. The Government reserves the right to exercise options to extend the term of this contract as follows:
 1. From the original twelve (12) months (Base) Period, followed by a period of twelve (12) months (OPTION 1).
 2. From the conclusion of the first twelve (12) months option period (OPTION 1) by a second option period of twelve (2) months (OPTION 2), followed by a third option period of twelve (12) months (OPTION 3), and a fourth and final option period of twelve (12) months (OPTION 4).
 3. This will result in a base period with four (4) option periods not to exceed sixty (60) months.
 4. The base period will be from date of contract award until sometime between 1 September and 31 October of the following year.
 5. The government intends to award option periods sometime between 1 September and 31 October of each year.
 6. At the exercising of each option, an economic price adjustment factor will be applied to the schedule of prices originally awarded, per Section B, ADJUSTMENT TO UNIT PRICE FOR OPTION YEARS.
- b. It should be noted that if the estimated period or option period contract amount is reached before the completion of the base period, the Government reserves the right to exceed the estimated base period and/or option period amount. However, the Government will not exceed the total estimated contract not-to-exceed amount.

B.4 AREA COST FACTOR (ACF) INDEX

All indices have been adjusted based on Fort Lewis, WA as the base Index (1.00).

B.5 WORK HOURS

- a. Normal work hours are defined as: 12:01 a.m. through 11:59 p.m.
- b. It is anticipated that 95% of the work will be performed during the hours of 7:00 a.m. and 9:00 p.m.
- c. Due to the nature of the facilities, the work may be "interrupted" or "extremely restrictive", an adjustment will be made for this type occurrence.

B.6 TASK ORDER LIMITATIONS (Regulatory Changes)

If regulations change during the course of the contract, the task order limitations may be adjusted accordingly by exercise of a unilateral modification.

B.7 PERFORMANCE AND PAYMENT BONDS

Per Army Federal Regulation Supplement (AFARS) 17.9004-2(h), "All cost associated with bonding shall be included in the coefficient."

B.8 ADJUSTMENT TO UNIT PRICE FOR OPTION YEARS

This economic adjustment will be applied to the labor, equipment and material costs in the UPB and added to the contractor's coefficient. This allows for economic increase/decrease of the prices in the UPB. This adjusts the line item prices by the percentage increase/decrease of the economic trend of the construction market. This adjustment will be based on the Building Cost Index found in the Market Trend pages of the Engineering News Record. This economic adjustment is not applied to the items contained in the coefficient. The adjustment will be made in accordance with the following equation. Such resulting prices shall be applied throughout the option year.

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$$N = C + I$$

Where: N = New Coefficient

C = Base Year Coefficient

I = Increase Factor (% increase from base to option year)

The Index Factor, I, shall be computed according to the following equation:

$$I = \frac{BCI-N}{BCI-C} - 1$$

Where: BCI-N is the Building Cost Index at the time the option is exercised (building cost index for the date of the start of the option period), as published in the ENR.

BCI-C is the Building Cost Index for the date of the award of the contract, as published in the ENR for CONUS or an equivalent for OCONUS. The BCI-C is _____, based on the award date of _____.

If the BCI or the ENR ceases to be published, the parties shall agree on substitute indices.

EXAMPLE: For the base year of a contract the coefficient is 1.10. The cost to the Government for a line item whose cost is \$100.00 is $1.10 \times \$100.00 = \110.00 .

For the first option year the coefficient will be adjusted as follows:

$$I = \frac{BCI - N - 1}{BCI - C} = \frac{.3111.86 - 1}{3071.10} = 1.0133 - 1 = .0133$$

For example proposes, BCI-N was taken from the January 29, 1995 issue, and BCI-C was taken from the January 3, 1994 issue.

The new coefficient would be calculated as follows:

$$N = C + I = 1.10 + 0.0133 = 1.1133$$

The above line item under the option period would be $1.1133 \times \$100.00 = \111.33 .

END OF SECTION B

SECTION C
DESCRIPTION/SPECIFICATION/WORK STATEMENT

C.1 MEDICAL TREATMENT FACILITIES

This contract shall apply to the Madigan Army Medical Center, WA and Medical Related Facilities at the US Army Garrison, Fort Lewis, WA.

C.2 SCOPE OF WORK

C.2.1 Description

C.2.1.1 The contractor shall provide work plans, major repair, minor construction, and operations and maintenance (O&M) relating, but not limited to the civil, architectural, structural, mechanical, electrical, instrumentation, communication, security and safety systems of Government medical and other facilities in a timely, high quality and cost effective manner.

C.2.1.2 Codes and Standards. All work performed under this contract shall conform to the requirements herein, all applicable Federal, State, and local laws, regulations, codes, or directives. In addition, all work on facilities under this contract shall conform to the codes and requirements governing the operation of a medical facilities such as MEDCOM regulations, National Fire Protection Association, Joint Commission on Accreditation of Health care Organizations Center for Health Promotion and Preventive Medicine (CHPPM), the Joint Commission of Accreditation on Health Care Organization (JCAHO), and Management of the Environment of Care Standards Life Safety Management Standards. The contractor shall remain abreast of any changes in codes that impact these facilities. All codes and standard requirements shall be based on the latest edition of codes applicable at the time the task order is issued. All work shall comply with local, state, federal, national, or military codes, whichever is the most stringent. The contractor shall notify the Contracting Officer when major modifications are required to maintain code compliance. The contractor shall implement minor changes into his program. The contractor shall insure that all work provided meets or exceeds the scope of work for each task order, and any special specifications included with the individual task order or included in any applicable documents.

C.2.1.3 Work plan activities shall include but not be limited to consultations, reports, studies, analyses, calculations, surveying, detailed written scopes, specifications, architectural layout plans (i.e. functional analyses, bubble diagrams, comprehensive interior designs and renderings), sketches, drawings, budget estimates, cost proposals, and construction schedules.

C.2.1.4 Civil work shall include but not be limited to excavation, trenching, shoring, fill, compaction, erosion control, and fences.

C.2.1.5 Architectural work shall include but not be limited to windows, doors, hardware, cabinetry, and interior/exterior finishes.

C.2.1.6 Structural work shall include but not be limited to drains, culverts, bridges, walkways, roadways, parking lots, pilings, foundations and buildings.

C.2.1.7 Mechanical work shall include but not be limited to heating, ventilation, and air conditioning (HVAC) systems and components, refrigeration systems, material transport systems, automatic box conveyor systems, transient tubes, incinerators, fuel lines, elevators, escalators, dumb waiters, casecart lifts, pneumatic tube systems and sterilization systems, as well as plumbing systems including water, solid, and hazardous waste control, and medical gas and vacuum systems.

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C.2.1.8 Electrical work shall include but not be limited to power and service supplies, distribution, and utilization systems (including lighting), power generators and uninterrupted power supplies (UPS).

C.2.1.9 Instrumentation work shall include but not be limited to plant management systems, using direct digital technology and fire alarm systems.

C.2.1.10 Communication work shall include but not be limited to medical nurse call, paging, telephonic, and computer networks.

C.2.1.11 Security work shall include but not be limited to perimeter barricades, and intrusion detection and surveillance systems.

C.2.1.12 Safety work shall include but not be limited to life safety, medical safety/hygiene, and fire suppression systems.

C.2.1.13 Asbestos and/or lead based paint (LBP) abatement may be required separately or in conjunction with work on the above-described facility systems.

C.2.1.14 Ancillary work necessary to support the repair/alteration/construction or to restore the work area to the condition prior to the repair/alteration/construction is required.

C.2.1.15 It is anticipated that approximately 20 percent of this contract may be for non-medical facility work.

C.2.1.16 This objective will be achieved through the implementation of task orders issued under the terms of this contract for all of the herein described tasks and/or additional tasks described in specific task orders.

C.2.2 Execution

C.2.2.1 The Contractor shall execute the work under the direction of a Contractor Program Manager approved by the Contracting Officer. All work shall be accomplished with adequate internal controls and review procedures which will eliminate conflicts, errors, and omissions and ensure the technical accuracy of all output.

C.2.2.2 The Contractor shall furnish, upon receipt of a Request for Proposal (RFP) or task order, all plant, labor, tools, equipment, and materials (except as indicated otherwise in the specifications) and perform all work in strict accordance with terms, conditions, special contract requirements, the specifications, drawings, attachments, and exhibits contained in the contract or incorporated by reference. The contractor may be required to meet compressed schedules to assist the facility staff with preparation for agency, command and JCAHO surveys. Facilities will be identified in each Task Order. Work will vary from site to site and will require extensive knowledge of the functional operation relating to the efficient use of the facility equipment, and facility support systems, and building structures. Since the facilities may be in full operation, the contractor shall minimize interference with the daily operation of the MTF.

C.2.2.3 The Contractor shall provide all planning, programming, administration, and management necessary to execute all work as specified. The contractor shall provide related services such as preparing and submitting required reports, performing administrative work and submitting necessary information as specified under this contract and within each task order.

C.2.2.4 The Government will provide the basic requirement to the Contractor detailing the work to be accomplished. The Contractor shall provide all labor, material and equipment in sufficient quantities to meet approved requirements. Upon receipt of a task order, the contractor shall coordinate the start of work with the Contracting Officer's Representative (COR) and the Medical

facility point of contact identified in the task order. The Contractor shall complete all work under this contract in accordance with schedules established in each task order. Submittal dates will be included in the task order. These dates identify when submittals are due in the issuing office and other addresses identified in the task order. Types and numbers of submittals and dates and places for review meetings shall be established by each task order.

C.2.2.5 Task Orders: The activities to be performed by the Contractor under this contract and subsequent task orders are described in general terms below (this list is not all inclusive). The specific tasks to be performed will be identified in each task order. The Contracting Officer reserves the right to modify scopes and time periods in the task order. At the completion of each approved task order, the results, documented and conceptual, becomes the property of the Government. It remains the Contracting Officer's decision as to if there will be another task order awarded.

C.2.2.5.1 Work Plan: Work plan activities under this contract shall be conducted by and/or under the supervision of Registered Professional Engineers (PEs) according to the technical discipline(s) required for the work involved in conformance with the U.S. Army Corps of Engineers, Ft. Worth District Architectural and Engineering Instruction Manual (AEIM) (See Section J for AEIM). Throughout this contract, the term Engineers includes Architects. Work Plan activities may be ordered in several stages. Each stage is severable and distinct from the other stages:

- a. Stage 1: Schematic Design Submittal (5% Design) (Army)
- b. Stage 2: Pre-Concept Control Data Submittal (10% Design) (Army)
- c. Stage 3: Project Engineering Brochure Submittal (15% Design) (Army)
- d. Stage 4: Concept Design Submittal (35% Design) (Army)
- e. Stage 5: Preliminary Design Submittal (65% Design)
- f. Stage 6: Final Design Submittal (100% Design)

C.2.2.5.1.1 Work plan activities may be ordered in several stages. Each stage shall be executed unilaterally or bilaterally by task order depending on clarity of requirement as defined in the UPB. Each stage is severable and distinct from the other stages. Each Stage stands alone as a complete deliverable from 0% Design, however, adjustments to prices shall be made accordingly if previous stages/tasks have already been performed by deducting the applicable line item(s). If a bilateral task order is desired, the COR will issue to the contractor a Request for Proposal (RFP). The contractor shall be responsible for describing the work involved and estimating the level of effort required to perform the requested work. Within the timeframe prescribed in the RFP (i.e. typically within seven (7) and not less than three (3) calendar days, however, there may be occasions when proposals may be required within twenty-four (24) hours), the contractor shall return to the COR a detailed description and cost proposal for items required to perform the work requested. Upon approval of the contracting officer and receipt of a task order, the contractor shall coordinate the start of work with COR and the Medical facility point of contact identified in the task order. The work shall be completed within the performance times provided on the task order. Work shall be in compliance with applicable codes. See Section H for Ordering Procedures.

C.2.2.5.1.2 Upon approval of the contracting officer and receipt of a task order, the contractor shall coordinate the start of work with the COR and the Medical facility point of contact identified in the task order. The work shall be completed within the performance times provided on the task order. Work shall be in compliance with applicable codes and references. All work plan documents shall be provided in a bound document or document set(s) which is/are clearly tabbed, indexed, and/or marked for easy use. As the Government expands its collaborative capability via the internet, the Contractor shall be required to interface work plan documents in part or whole with government computer systems for informational, collaborative and historical purposes. See Section H for Ordering Procedures.

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C.2.2.5.1.3 The contractor shall provide work plan documents as specified in each task order. The contractor shall provide functionally complete and technically credible work plan documents regardless of how much information is initially provided by the Government. The contractor shall submit a draft of the work plan documents for government review within the time frame specified. Upon receipt of government comments, unless otherwise specified, the Contractor shall re-submit the document with all changes incorporated in the time frame specified. Each revision shall include a discrete revision number, date revised, summary of revisions referencing location in document(s), and revision number at point of revision. The final document shall be endorsed by the Facility Manager's signature. The approved final document shall bear the signature of the COR and be marked "approved final," signifying that the document is complete. See Section H for Ordering Procedures; See specifications for Design Quality Control (DQC) requirements.

a. When professional services are ordered, the document requires endorsement by PE Stamp(s) obtained or provided by the contractor according to the technical discipline associated with the work involved.

b. The document cover page (including cover pages of subsequent revisions) shall bear the signatures of the contractor's quality control, project and program managers, indicating their full review of and concurrence with the entire document submitted, attesting to its technical merit, quality and completeness.

C.2.2.5.1.4 Work Plans at any stage may be regarded as execution documents and used as a basis to negotiate and awarded for construction, if deemed, by the Contracting Officer, that it is sufficient for use to negotiate and construct. Unless otherwise specified in each task order, to the extent required by the AEIM for that stage or provided in the contractor's coefficient, the execution documents shall include, but not be limited to, the following basic components, at no additional cost to the government, each separately endorsed by the Facility Manager's signature:

- a. Site Visit Memorandum
- b. Project Phasing Data Sheets
- c. Photographs of Existing Conditions
- d. Engineering Analysis and Calculations
- e. Detailed written Scope of Work
- f. Drawings
- g. Detailed Cost Proposal
- h. Specifications (from contract for pre-priced items, from other government determined sources (i.e. Corps of Engineers Guide Specifications, Medical Guide Specifications, etc.) for non-pre-priced items, and for pre-priced items where contract specifications need clarification and/or are not included in the contract)
- i. Catalog Cuts
- j. Detailed Construction Schedule (submittals, NTP, long lead items, phases, trades, etc.)
- k. Phasing Plan
- l. ENG FORM 4288 (RMS) Submittal Register
- m. DA Form 1354 (RMS) Transfer and Acceptance of Military Real Property

When professional services are ordered, documents d., e., f., and h. (above) require endorsement by PE Stamp(s) obtained or provided by the contractor according to the technical discipline associated with the work involved.

The Execution Document Package (EDP) cover page (including cover pages of subsequent revisions) shall bear the signatures of the contractor's quality control, project and program managers, indicating their full review of and concurrence with the entire execution document package submitted, attesting to its technical merit, quality and completeness.

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The contractor shall submit a draft of the EDP for government review in the time frame specified. Upon receipt of government comments, unless otherwise specified, the Contractor shall re-submit the document with all changes incorporated within the time frame specified.

Upon receipt of the fully endorsed EDP, the COR will schedule and conduct negotiations with the Contractor to establish final construction scope and cost, and definitize the EDP. Upon completion of negotiations, unless otherwise specified, the Contractor shall re-submit the EDP with all negotiated changes incorporated within seven (7) calendar days from the date of negotiations.

Each revision shall include a discrete revision number, date revised, summary of revisions referencing location in document(s), and revision number at point of revision. The approved EDP shall bear the signature of the COR and be marked "approved final," signifying that the EDP is complete.

C.2.2.5.1.5 Errors, Omissions and Clarifications: Any engineering and technical services required to correct errors and omissions, and provide clarifications due to ambiguities in work plans shall be at no additional cost to the government.

C.2.2.5.2 Construction: The Contractor shall perform major repair and minor construction defined in each task order. The Contractor shall provide all labor, material and equipment in sufficient quantities to meet approved requirements. Upon receipt of a task order, the contractor shall coordinate the start of work with Contracting Officer's Representative (COR) and the Medical facility point of contact identified in the task order. The Contractor shall be capable of mobilizing the required work force within ten (10) calendar days of Notice to Proceed (NTP) which may be issued at the time of task order award. The work shall be completed within the performance times provided on the task order. Work shall be in compliance with applicable codes as described in this contract (See Section H for Ordering Procedures; See Specifications for Contractor Quality Control (CQC) requirements)

a. **Submittals:** Prepare and submit project specific documents in accordance with the submittal requirements under the task order and this contract.

b. **Pre-Construction Conference:** Schedule a pre-construction conference with the Contracting Officer's Authorized Representative for review and coordination of the items of work as described in the final negotiated scope of work.

c. **Work Progress:** Begin work in accordance with the approved work plan following the approved work schedule. As work progresses, the contractor shall meet, but not be limited to, the following basic requirements:

1. **Safety:** Adhere to the approved plan for site safety and health, prepared and submitted for the individual task order.

2. **CQC:** Adhere to the approved quality control program, prepared and submitted for the individual task order.

3. **Weekly Progress Reports:** Submit weekly progress reports starting second week after issuance of the task order and post to Contractor's Internet Web Site.

4. **Monthly Progress Photographs:** Submit monthly progress photographs starting with first invoice for progress payment. These photographs shall be furnished in the form of high resolution digital *.jpg images on 3-1/2" floppy computer disks, provided with each progress invoice and posted to Contractor's Internet Web Site.

5. **As-Built Drawings:** As the project progresses, the contractor shall maintain redline as-built drawings at the site, which reflects the status of the project. At the completion of the project the contractor shall submit final as-built drawings in hard copy and on AUTO-CADD 2000 (and more advanced versions as AUTO-CADD 2000 is updated) files in accordance with the Fort Worth District AEIM standards. Even though the standard As-Built Drawings shall be produced using AUTO-CADD 2000, there may be instances when the government may request As-Built Drawings of a lesser quality. This exception will be only at the Facility Managers request and be detailed in each individual task order.

6. **Tests:**

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(a) Conduct tests of new and modified system/equipment and obtain Government inspection/approval.

(b) At an agreed time stated in the task order, prior to the completion of the installation/modification, the Contractor shall submit to the Contracting Officer and Authorized Installation Representative a copy of a proposed testing plan necessary to prove the system/equipment meets the operating standards promulgated by the design. This testing shall meet JCAHO standards. As a minimum, this testing plan shall contain:

- 1) Project number
- 2) System/Equipment description
- 3) Specific requirements for system/equipment test
- 4) Results of test

(C) After approval by the Contracting Officer, the Contractor shall schedule the implementation of this testing plan at a time convenient for the Contracting Officer to have Authorized Installation Representative observe.

7. O&M Manuals: Prepare operation and maintenance manuals, for the new and/or modified system/equipment.

(a) Operating manuals will be used by Government personnel at the installation to operate the modified system/equipment, and maintenance manuals will be used to identify and perform required preventive and corrective maintenance on the installed/modified system after completion of all work. (See Section H: operation and Maintenance 52.9020-4001 MED)

(b) Operation and maintenance procedures and documentation utilized in the operating and maintenance manuals shall meet JCAHO, AHA, and NFPA standards.

(c) Operating manuals shall be in accordance with ER 25-345-1, comprehensive, and cover the total operation. The operating manuals shall contain step-by-step methods for operating each separate component and for operating the systems in a systematic manner. These manuals shall show the location of the item being described and provide a clear and concise narrative description of the item, its operating function, characteristics, and its interrelationship with other system components. The maintenance manual shall provide comprehensive details of complex components and parts with illustrations of how the components and parts are systematically arranged and located. The maintenance instructions shall prescribe the manufacturer's recommended schedule for preventive maintenance plans. The instructions shall clearly identify seasonal maintenance requirements and state the frequencies for all maintenance and/or operations.

(d) The manuals shall include the manufacturer's name, model number, service manual, and parts list for each major system component and subcomponent.

(e) Framed instructions, encased in environmentally protective covering, shall be prepared in a manner consistent with the final configuration of the system/equipment at the end of the task order. They shall include system/equipment diagrams and condensed operating and maintenance instructions. A complete set shall be placed at strategic operating locations on the system/equipment. The operating and maintenance manuals shall be provided in a bound document which is clearly tabbed, indexed, and marked for easy use.

8. O&M Training:

(a) Prepare training program and train Government personnel in operation and maintenance of new and modified system/equipment

(b) The training program shall be based on ER 25-345-1 and in accordance with JCAHO standards as specified below.

(c) The program shall provide instruction on operation, troubleshooting, maintenance and repair of equipment and systems modified or installed under each task order. Instructions shall include both a classroom phase and a practical application phase. The course material shall include the operation and maintenance plans and manuals as instructional materials. The program shall be conducted in facilities directed by the Government.

(d) At an agreed time stated in the task order, prior to the completion of the installation/modification, the Contractor shall prepare a training outline and submit to the Government for review. The training course outline shall identify for each block of instructions: the teaching objectives, the time and length of instruction, the location of instruction, the training aids

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required, the recommended audience, and a brief description of the contents. The training course outline shall be assembled in a notebook, tabbed for each block of instructions.

(e) The Contractor shall provide training for Government personnel to operate, maintain, and repair equipment and systems after the completion of system testing in accordance with each task order.

9. **Warranties:** Provide equipment and construction warranties.

10. Submit certified list of standard equipment and MFRP service organizations.

11. Certify computer media.

12. **Final Payment:** All task order and contract requirements must be met prior to request for final payment.

13. **Problem Identification:** The Contractor shall identify and document utility problems, failures, and user errors that are or may be a threat to the patient care environment, user mission, safety, security and any other code requirement. When problems are identified, the Contractor shall notify the Contracting Officer for decision on corrective action.

14. **Warranty Service Calls:**

(a) The Contractor shall furnish to the Contracting Officer the names of local service representatives and/or Contractors that are available for warranty service calls and who will respond to a call within the time periods stated in Section H, WARRANTY.

(b) The names, addresses, and telephone numbers for day, night, weekend, and holiday service responses shall be furnished to the Contracting Officer and also posted at a conspicuous location in each mechanical and electrical room or close to the unit.

C.2.2.5.3 Negotiations:

C.2.2.5.3.1 The negotiations, between the Contracting Officer, or Contracting Officer's Authorized Representative and the Contractor, shall begin at a time prescribed by the Government, and convenient to the Contractor. Details covered shall include, but not necessarily be limited to any Work Plan element.

C.2.2.5.3.2 Implementation of the action shall not begin until agreement has been reached between the Contractor and the Government on all Work Plan element(s) and a task order is issued accordingly.

C.2.2.6 **Public Affairs:** The Contractor shall not publicly disclose any data generated or reviewed under this contract. The Contractor shall refer all requests for information concerning site conditions to the Contracting Officer for comment.

C.2.3 Medical Facility Staff Interface:

C.2.3.1 The Contractor shall work in conjunction with the Medical Treatment Facilities staff and other contractor personnel providing services in the facility.

C.2.3.2 The Contractor's Project Manager shall provide a briefing to the staff prior to starting work. The briefing will provide the scope of work of the task order and a schedule for completion of the work. While the contractor is on site, weekly coordination meetings shall be conducted with the facility points of contact. The purpose of these meetings is to anticipate and schedule all operations where mutual effort by both groups is required.

C.2.4 Safety:

C.2.4.1 The Contractor shall comply with Corps of Engineers Manual EM-385-1-1 and safety requirements as specified herein.

C.2.4.2 The Contractor shall establish a comprehensive safety program that shall consist of engineering, education, training, and enforcement of safety standards. All equipment and facilities

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shall be maintained in accordance with safe engineering practices. In general, safety engineering involves controlling the work situation to minimize safety hazards.

C.2.4.3 The Contractor shall be responsible for planning, organizing, implementing and managing an effective Safety Program that complies with regulatory directives; accident prevention and control, safety education and promotion accident investigation, analysis, and reporting; and coordination in support of occupational health and sanitation.

C.2.4.4 The Contractor shall conduct a monthly safety meeting for all employees. These meetings shall be documented and maintained on file by the contractor.

C.2.4.5 **Accident Reports.** The Contractor shall comply with accident reporting requirements as outlined in the U.S. Army Regulation No. 385-40, that will be furnished by the Contracting Officer. All accident reports shall be submitted to the Contracting Officer or Contracting Officer Representative designated in each task order and Mr. R. B. Maynor, Director of Quality Assurance, U. S. Army Health Facility Planning Agency. In the case of any accident (minor or serious) and/or lost-time injury, the contractor shall, within an hour of its occurrence, contact Mr. R. B. Maynor by VOICE PAGE and the Contracting Officer or Contracting Officer Representative designated in each task order by phone. The address and phone numbers for Mr. Maynor is as follows:

Mr. R. B. Maynor
U. S. Army Health Facility Planning Agency
c/o Bynes-Jones Army Community Hospital
1585 3rd Street
Ft. Polk, LA 71459-5110
VOICE PAGER: 877-379-9659
FAX: 337-531-3981

C.2.5 Building Security:

C.2.5.1 The Contractor will be provided with keys to allow access to all rooms when required to perform the work. Keys provided to the contractor shall not be removed from the premises of the medical facilities buildings, duplicated, or issued to any individual to be retained in his possession while not physically performing duties included in this specification. All lost keys shall be replaced at the contractor's expense. In the event that a master key is lost by contractor personnel, the contractor shall, at the discretion of the contracting officer, replace all keys and locks in that system. A keying scheme compatible with the remaining building lock system and an equal number of keys existing in the old system shall be furnished at the contractor's expense.

C.2.5.2 Whenever rooms or areas are locked, Contractor employees shall not permit the use of keys in their possession by other persons for the purpose of gaining access to such locked rooms or areas, and, likewise, contractor employees shall not open locked rooms or areas to permit entrance by persons other than the contractor's employees in the fulfillment of their duties. All rooms found locked shall not be left unattended during the assessment process and shall be locked by contractor personnel after completion of their assigned duties.

C.2.5.3 Upon the completion of their duties, Contractor personnel shall turn off all lights in unoccupied areas, unless other wise coordinated with the Facility Manager/MEDCOM Quality Assurance(QA) Personnel/designated point of Contact (POC/COR). It shall be the responsibility of contractor personnel observing open and/or unlocked windows in their respective work areas to close and secure such windows. Where difficulty is encountered in keeping areas locked or windows closed and locked, the Facility Manager/MEDCOM QA Personnel/designated Point of Contract (POC)/COR shall be notified.

C.2.5.4 There are areas in the facility that require all personnel entering that area to sign a sign-in/ sign-out sheet. The Contractor shall comply with local MEDCOM policies in these areas and security requirements may change from time to time and effect access to installations and facilities.

C.2.6 Site Security: The Contractor shall provide site security (fencing, lighting, or guard services) as may be required by each task order. However, at a minimum, the contractor shall maintain the site and all other contractor controlled areas in such a manner as to minimize the risk of theft, vandalism, injury, or accident. The contractor shall comply with site security regulations.

C.2.7 Documentation: The Contractor shall implement, maintain, and control a system for identification, preparation, reproduction, distribution, and maintenance of all documentation, dates and information necessary for its internal management as well as for Government management of the individual projects and the total program.

C.2.8 Presentations and Meetings: During the life of this contract and individual task orders numerous meetings (i.e. project line item reviews, and site problem resolutions) will be held between representatives of the Government and the Contractor at no additional cost to the government. Time and locations of these meetings shall be identified as required. The Prime Contractor shall be responsible for preparing the minutes of all such meetings. A written draft of the minutes shall be submitted, within 2 working days after the meeting, to the Contracting Officer for review. Upon agreement of the text, the Contractor will transmit the minutes to the Contracting Officer by a serial letter. This document will become the official record of the meeting. Include in the minutes, as a minimum, names of attendees, firms represented, date and place of meeting, subjects discussed, commitments made, conclusions and decisions reached. (See Section 01043 Correspondence)

C.2.9 Permits: The Contractor is responsible for identifying and obtaining all permits from Federal, State, local, or installation agencies (See Section B). This includes Madigan Army Medical Center (MAMC) construction permits, hot permits and other required MAMC forms based on the nature of work.

C.2.10 Contractor Quality Control (CQC) Program: The Contractor shall develop, implement, and document an effective quality control program. This requirement shall be performed in accordance with Contract Clause "Inspection of Construction," Section E "INSPECTION AND ACCEPTANCE," Specification Section 01430 "DESIGN QUALITY CONTROL (DQC)" and Section 01454 "CONSTRUCTION QUALITY CONTROL (QC)," and other QC provisions in the contract as they apply. The CQC Program shall include provisions for separate generic detailed quality control plans, one each for design and construction, that will apply throughout the life of the contract and used in conjunction with contractor developed supplements to the generic QC plans tailored to each task order to address any special requirements and provide for specific details not included in the generic QC plans. A detailed description of the CQC Program shall be submitted with the Contractor's Technical Proposal. After contract award, the CQC Program shall be submitted to the Contracting Officer for approval within 30 days, or an agreed to shorter period, of award.

C.2.11 Contractor Performance: The above outline of the principle features of work does not in any way limit the responsibility of the contractor to perform all work and furnish all plant, labor and equipment required by the specifications, plans, and drawings referred to herein.

C.2.12 Environmental Compliance

C.2.12.1 Responsibility: The Contractor is responsible for knowledge of and compliance with all environmental laws, regulations, and programs of the installation, and County, State and Federal agencies whose programs, policies, or laws may relate to the performance of this contract.

Compliance with the Environmental Protection Program is included by complying with applicable standards for the prevention, control and abatement of environmental pollution in full cooperation with the Installation, Federal, State, and local Governments, but compliance is not limited to this program alone.

C.2.12.2 Penalty: Penalty charges resulting from citations against Department of Defense, Department of the Army, or its agents, officers, or employees due to the contractor's failure to comply with environmental laws, regulations, and programs that relate to or may arise under the performance of this contract may be deducted or set-off by the Government from any monies due the contractor, and with respect to such citations, the contractor shall further take any remedial actions as directed by such agencies.

C.2.12.3 Asbestos and Lead-Based Paint: When work is in areas suspected of containing asbestos or lead-based paint, the contractor shall notify the Contracting Officer's Authorized Representative immediately. If asbestos and/or lead-based paint are encountered during the course of a project, work shall cease immediately and the Contracting Officer's Authorized Representative notified.

C.2.12.4 Environmental Protection: The Contractor shall perform all work in such a manner as to minimize the pollution of air, water, or land and to control noise and dust within reasonable limits and in accordance with federal, state, and local environmental laws.

C.3 MANAGEMENT

C.3.1 Management Plan: The manpower and staffing requirements for work will vary. Work requirements are set forth herein. The Contractor shall employ adequate manpower capabilities to perform Medical Treatment Facility maintenance, repair and minor construction as specified in each individual task order. The Contractor shall prepare and maintain a management plan to perform tasks orders as they are assigned by the Contracting Officer. The plan shall indicate all categories of personnel employed by the contractor and any subcontractors that will be utilized by the contractor. The plan shall delineate how the contractor will perform work (i.e. Standard Operating Procedures) and maintain adequate staffing and span of control in all of the areas and on multiple task orders, which shall include a comprehensive staff phasing rationale at the corporate, regional and site-specific levels, based on workload volume, dollar value and distribution. This plan shall also provide the lines of communication for both the contractor's organization and how the contractor will manage subcontract work. This plan shall delineate procedures for solving non-performance/non-compliance issues in a timely manner including verification of solution progress within the contractor's organization and feedback to MEDCOM components (i.e. MTF, RMCs, HFPA, MEDCOM HQ, etc) and COR. The plan shall include details about the Contractor's Comprehensive Training Program to ensure Contractor's personnel gain and maintain fullest understanding of program requirements. The plan shall include details about the Contractor's Project Documentation and Reporting System to ensure Contractor has adequate mechanism to maintain management oversight and ability to disseminate up-to-date project information. The plan shall delineate how the Contractor will provide for and maintain face-to-face collaboration capability with the MEDCOM Client at Madigan Army Medical Center (MAMC) and **telephonic collaboration with** the MEDCOM Support Team, Ft. Worth. The contractor shall clearly quantify all elements that make up the resulting coefficients in the bid schedule. This plan shall be submitted with the Contractor's Technical Proposal.

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C.3.1.1 Contractor's Comprehensive Training Program: The Contractor's Comprehensive Training (CCT) Program shall be used to broadcast to and readily be available to Contractor's employees and subcontractors, the contractor's and government's corporate philosophies and visions as it relates to the MEDJOC Program. The CCT Program shall be used to quickly acclimate the contractor's employees and subcontractors to requirements and processes of the MEDJOC Program. The plan shall include but not be limited to segments describing the MEDJOC Program's mission, process, projects, deliverables, coordination requirements (i.e. within the

contractor's organization, with its sub-contractor's, with the government, etc.), lines of authority and communication within the government's and contractor's organizations, geographic boundaries and locations of government and contractor sites, contractor's expectations of its own personnel and sub-contractors (i.e. quality, cost, responsiveness, and customer care, etc.) based on the awarded contract which includes the contractor's technical proposal. This plan shall be submitted with the Contractor's Technical Proposal.

C.3.1.4 Contractor Project Documentation and Reporting System. The Contractor's Project Documentation and Reporting System shall be used to broadcast project information and be readily available to Contractor's employees and subcontractors, and the government (i.e. MEDCOM/USACE Facility Support Team). If the Contractor intends to use the Internet to disseminate this information, the following Information shall be made available through the internet but not be limited to:

- a. Design Schedule
- b. Construction Schedule
- c. Project Status
- d. Project Photos
- e. Points of Contact

The Format for Status Update Pictorial Presentation is as follows:

- a. Image information
 - (1) File format - Jpeg
 - (2) Image size – 800x600 pixels
 - (3) Image colors – 16Million
- b. Each image should have a “thumbnail” image to allow for previewing the image. This allows an individual to have an idea of what the image looks like prior to selecting it.
- c. Each image “thumbnail” should link to the 800x600 image and open into a new browser window. This will allow the user to quickly close the image and select the next one without having to hit the “Back” button on the browser.
- d. If you have many months worth of status information you could break up the pages into monthly status updates. Each monthly view could contain the following:
 - (1) Project status information as of that month.
 - (2) “Thumbnail” images documenting the status for that month.
 - (3) Etc.

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C.3.1.5 **Face-To-Face Collaboration:** The Contractor shall delineate how they will provide for and maintain flexible, reliable, clear and uninterrupted face-to-face collaboration capability with the MEDCOM Client at Madigan Army Medical Center (MAMC). The purpose of this collaboration shall include but not be limited to weekly project progress reviews, negotiations, over the shoulder work plan reviews, and other program meeting as needed. **The Contractor shall participate in a weekly telephonic project progress review meetings and other telephonic program meetings (as necessary) with the MEDCOM Support Team, Fort Worth.**

C.3.2 **Management Staff Stability:** The Contractor's Management Plan shall delineate management practices to maintain a stable management staff with ability and experience as required under this contract.

C.3.3 **Staff Changes:** The Contractor's Management Plan shall delineate management practices to effectively manage staff changes. Any changes from the proposed and accepted management staff must be approved by the Contracting Officer. A request for change to the approved staff, as set forth in his technical proposal, must be submitted in writing to the Contracting Officer 30 days in advance of proposed changes, and shall include current resume(s) as they apply.

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C.3.4 Temporary Assignments: The Contractor's Management Plan shall delineate management practices to effectively manage temporary assignments (not to exceed 90 days). Other equally credentialed individuals may be designated to temporarily act for approved staff members; however, forty-eight (48) hours advance notice in writing of such change shall be provided to the Contracting Officer and shall include current resume(s) as they apply.

C.3.5 Restrictions: The contractor shall establish and maintain clear lines of authority with its own personnel and subcontractors.

C.3.5.1 Contractor Staff: The contractor shall establish and maintain a policy restricting personnel relationships (i.e. "personal" or perception of nepotism) that may cloud objectivity within the contractor's chain of command.

C.3.5.2 Subcontractors: The contractor shall not engage in layering of subcontractors. The contractor shall manage all subcontractors directly, rather than through another subcontractor. Program Manager, Project Managers, Project Superintendents, CQC System Manager, and Safety Engineer may not oversee a sub-contractor that they worked for within a 1-year period of being assigned to oversee work under this contract.

C.3.6 Resumes: Resumes of all management and engineering personnel shall be submitted as part of the technical proposal. Resumes that have been previously submitted to the Government need not be a part of the individual task order proposal. Military and civilian employees of the U.S. Government shall not be employed by the contractor in performance of any work under the contract, e.g., during off-duty hours, regular hours, or while on annual leave.

C.3.7 Identification Badges: The Contractor shall provide Identification Badges to each employee. The badge shall have the company name, employee's photograph, name, and position title displayed. All Contractor employees must wear the badge in a visible location at all times while working in any Medical Treatment or other Facility under this contract.

C.3.8 Management Staff:

The Contractor must possess a variety of skills in order to perform this effort. There is no limitation on the use of employees with qualifications exceeding those listed minimum qualification standards as set forth below. Unless otherwise specified under this contract, the management staff shall be full-time employees of the prime contractor.

AM#0004 Note: For positions below the Program Manager may also serve as the Project Manager, Superintendent, Site CQC Officer, and/or Site Safety Officer for a combined role position. However, if this combined role position is chosen, then all qualifications and responsibilities of each requirement under this contract must be met.

AM#0004 Contractor Staff for this contract shall be immediately accessible to the client at Madigan Army Medical Center (MAMC) and the MEDCOM Support Team Fort Worth as required.

C.3.8.1 Program Manager

C.3.8.1.1 Qualifications: The Program Manager shall have a four-year degree in engineering or construction management; minimum experience of ten years managing and supervising general commercial construction (two years of which included managing and supervising multiple general commercial construction projects in several different locations over several states, five years of which included managing and supervising engineering and medical facilities construction, repair, and alteration, one year of which included Job Order Contracting experience; must be familiar and conversant with the various codes and standards applicable to Medical Treatment Facility and other work covered by this contract; possess strong ability to recruit and manage qualified subcontractors and personnel in all associated trades and disciplines; must be able to respond in

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a timely manner to all contractual agreements, instructions, and inquiries from authorized government personnel; must understand and have knowledge of government service and construction requirements, and this contract in total; must be capable of preparing project proposals, be authorized to negotiate, and accept individual task orders issued under this contract.

C.3.8.1.2 Responsibilities: The Program Manager shall have the direct responsibility for the entire Medical Program executed under this contract and shall report directly to the Head of the Company. The Program Manager shall oversee task accomplishment, administration of all instructions in the task orders during the life of the contract. The Program Manager shall be responsible for the complete coordination of all work under the individual task orders. The contractor Program Manager shall be responsible for ensuring that adequate internal controls and review procedures are followed in order to eliminate conflicts, errors and omissions and for ensuring that all technical requirements are met. This individual shall serve as the single point of contact and liaison between the Contracting Officer and the Contractor. The Program Manager shall conduct weekly progress reviews on all projects with the Contracting Officer and/or Representative.

The Program Manager may provide, at no additional cost to the government, professional engineering and technical services. If the Program Manager elects to provide professional engineering and technical services, then all qualifications and responsibilities of the Project Engineer and Technical Support and Engineering Services requirements under this contract must be met.

The Program Manager may not oversee a sub-contractor that they worked for within a 1-year period of being assigned to oversee work under this contract.

AM#0004 The Program Manager shall be a full-time employee of the prime contractor that meets all the qualifications listed in para. C.3.8.1.1 above. The Program Manager may work part-time on this contract.

AM#0004 Program Manager shall be immediately accessible to the client at Madigan Army Medical Center (MAMC) and the MEDCOM Support Team Fort Worth as required.

AM#0004 C.3.8.2 Project Managers:

AM#0004 C.3.8.2.1 Qualifications: The Project Managers shall have a four-year degree in engineering or construction management; minimum experience of five years (or minimum experience of ten years in lieu of a four year degree) managing and supervising general commercial construction (one year of which included managing and supervising multiple general commercial construction projects in several different locations over several states, one year of which included managing and supervising medical facilities construction, repair, and alteration, one year of which included Job Order Contracting experience); must be familiar and conversant with the various codes and standards applicable to Medical Treatment Facility and other work covered by this contract; possess strong ability to recruit and manage qualified subcontractors and personnel in all associated trades and disciplines; must be able to respond in a timely manner to all contractual agreements, instructions, and inquiries from authorized government personnel; must understand and have knowledge of government service and construction requirements, and this contract in total; must be capable of preparing project proposals, be authorized to negotiate, and accept individual task orders issued under this contract.

AM#0004 C.3.8.2.2 Responsibilities: The Project Managers shall execute the work under the direction of the Program Manager. The Project Managers shall be responsible for the overall management and coordination of individual task orders and shall be the central points of contact with the Government for performance of all work under their assigned oversight.

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AM#0004 The Project Managers may provide, at no additional cost to the government, professional engineering and technical services. If the Project Managers elects to provide professional engineering and technical services, then all qualifications and responsibilities of the Project Engineer and Technical Support and Engineering Services requirements under this contract must be met.

AM#0004 Project Managers may also serve as a Superintendent, Site CQC Officer, and/or Site Safety Officer for a combined role position. However, if this combined role position is chosen, then all qualifications and responsibilities of each requirement under this contract must be met. **Project Manager shall be a full-time employee of the prime contractor and may work part-time on this contract. If Superintendent is one of the Project Manager's duties then the Project Manager must be full-time on site while work is being accomplished.**

AM#0004 **Project Manager shall be immediately accessible to the client at Madigan Army Medical Center (MAMC) and the MEDCOM Support Team Fort Worth as required.**

AM#0004 Project Managers may not oversee a sub-contractor that they worked for within a 1-year period of being assigned to oversee work under this contract.

C.3.8.3 Project Superintendents:

C.3.8.3.1 Qualifications: Project Superintendents shall have five-years experience as superintendents in general commercial construction (one year of which included medical facilities construction, repair, and alteration) as it applies under this contract; must be familiar and conversant with the various codes and standards applicable to Medical Treatment Facility and other work covered by this contract.

C.3.8.3.2 Responsibilities: These individuals shall provide full-time supervision for the execution of the work on site as stated in the individual task order(s) as they apply. The Project Superintendents shall report directly to a designated Project Manager. The Project Superintendents shall conduct weekly progress reviews on all projects under their assigned oversight with the Facility Managers and/or Representatives.

AM#0004 This requirement may be combined with the requirement for a Site Project Manager, Site CQC Officer, and/or Site Safety Officer for a combined role position. However, if this combined role position is chosen, then all qualifications and responsibilities of each requirement must be met. **The Superintendent shall be a full-time employee of the prime contractor and shall be full-time on site while work is being accomplished.**

Project Superintendents may not oversee a sub-contractor that they worked for within a 1-year period of being assigned to oversee work under this contract.

The Contractor shall ensure a Project Superintendent presence at the site at all times during progress of the work and with complete authority to take any action necessary to ensure compliance with the contract.

AM#0004 **Superintendent shall be immediately accessible to the client at Madigan Army Medical Center (MAMC) and the MEDCOM Support Team Fort Worth as required.**

C.3.8.4 Project Engineers:

C.3.8.4.1 Qualifications: Project Engineers must have a degree in engineering in their unique technical disciplines from a recognized four-year college; shall be registered professional engineers with ten-years experience in engineering, design and design review of medical facilities construction, repair, and alteration projects as they apply to the task order or shall at a minimum have three-years experience in engineering, design and design review of medical facilities

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construction, repair, and alteration projects as they apply to the task order under the supervision of a registered professional engineer with ten-years experience in engineering, design and design review of medical facilities construction, repair, and alteration projects as they apply to the task order. These Professionals must be familiar and conversant with the various codes and standards applicable to Medical Treatment Facility and other work covered by this contract.

C.3.8.4.2 Responsibilities: These individuals shall provide professional engineering and technical services in their unique technical disciplines as stated in the individual task orders as they apply.

This requirement may be subcontracted. However, if this requirement is subcontracted, then all qualifications and responsibilities of this requirement under this contract must be met.

AM#0004 Project Engineers may work part-time on this contract.

C.3.8.5 Technical Support Staff, Non-Engineer:

C.3.8.5.1 Qualifications: Individuals shall have three-years experience in the related technical field in service or construction work as it applies; must be familiar and conversant with the various codes and standards applicable to Medical Treatment Facility and other work covered by this contract.

C.3.8.5.2 Responsibilities: The Technical Support Staff shall include but not be limited to technicians (i.e. estimators, draftsmen, and CADD operators) and instrumentation specialists (i.e. DDC, fire, security/intrusion detection).

This requirement may be subcontracted. However, if this requirement is subcontracted, then all qualifications and responsibilities of this requirement under this contract must be met.

AM#0004 Technical Support Staff, Non-Engineer may work part-time on this contract.

C.3.8.6 Contractor Quality Control (CQC) System Manager:

C.3.8.6.1 Qualifications: The CQC System Manager must have a degree in engineering from a recognized four-year college; shall be a registered professional engineer; shall have formal QC education and/or training (see Specification, Construction Quality Control) in building construction inspection; must have a minimum of five years (or ten years in lieu of a four year degree and professional registration) experience as a CQC manager and/or senior CQC inspector in construction work as it applies under this contract; must be familiar and conversant with the various codes and standards applicable to Medical Treatment Facility and other work covered by this contract. CQC System Manager must be capable of establishing and maintaining an effective quality control system that is in compliance with Contract Section C, Contractor Quality Control (CQC) Program; Section E, INSPECTION AND ACCEPTANCE; Specification Section 01430 DESIGN QUALITY CONTROL (DQC) and Section 01454 CONSTRUCTION QUALITY CONTROL (QC), and other QC provisions in the contract as they apply.

C.3.8.6.2 Responsibilities: This individual shall have direct responsibility for the CQC Program and shall report directly to the Head of the Company or to a CQC Executive who is assigned no other duties but Quality Control and who reports directly to the head of the company. The CQC System Manager shall participate in the weekly program level progress review and report on CQC compliance regarding all projects with the Contractor's Program manager, the Contracting Officer and/or Representative.

This requirement may be combined with the requirement for a Safety Engineer for a dual role position. However, if this dual role position is chosen, then all qualifications and responsibilities of each requirement under this contract must be met.

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The CQC System Manager may not oversee a sub-contractor that they worked for within a 1-year period of being assigned to oversee work under this contract.

AM#0004 Contractor Quality Control (CQC) System Manager shall be a full-time employee of the prime contractor and may work part-time on this contract.

AM#0004 CQC System Manager shall be immediately to the client at Madigan Army Medical Center (MAMC) and the MEDCOM Support Team Fort Worth as required.

C.3.8.7 CQC Officers:

AM#0004 C.3.8.7.1 Qualifications: Full-time **employee of the prime contractor (that may work part-time on this contract)** and Program level CQC Officers shall have formal QC education and/or training (see Specification, Contractor Quality Control) in building construction inspection. These CQC Officers shall have five-years experience as CQC Officers in construction work as it applies under this contract. The contractor shall furnish written proof of adequate CQC experience and training for government consideration of this dual role; must be familiar and conversant with the various codes and standards applicable to Medical Treatment Facility and other work covered by this contract. CQC Officers must be able to execute all CQC Program requirements.

C.3.8.7.2 Responsibilities: These individuals shall report directly to the CQC System Manager and have direct responsibility for the site quality control.

This requirement may be combined with the requirement for a Safety Officer for a dual role position. However, if this dual role position is chosen, then all qualifications and responsibilities of each requirement under this contract must be met.

CQC Officers may not oversee a sub-contractor that they worked for within a 1-year period of being assigned to oversee work under this contract.

AM#0004 The Contractor shall ensure a CQC Officer presence at the site during progress of the work and with complete authority to take any action necessary to ensure compliance with the contract.

AM#0004 CQC Officers shall be immediately to the client at Madigan Army Medical Center (MAMC) and the MEDCOM Support Team Fort Worth as required.

C.3.8.8 Safety Engineer:

C.3.8.8.1 Qualifications: The Safety Engineer must have a degree in engineering from a recognized four-year college; shall be a registered professional engineer with five-years (or ten years in lieu of a four year degree and professional registration) safety engineering experience in commercial construction. The Safety Engineer must be familiar and conversant with the various codes and standards applicable to Medical Treatment Facility and other work covered by this contract. The Safety Engineer must be capable of establishing and maintaining an effective safety program that is in compliance with this contract.

C.3.8.8.2 Responsibilities: This individual shall have direct responsibility for the Safety Program and shall report directly to the Head of the Company or to an Executive who is assigned no other duties but Safety and who reports directly to the head of the company.. The Safety Engineer shall participate in the weekly program level progress review and report on Safety Program compliance regarding all projects with the Contractor's Program manager, the Contracting Officer and/or Representative.

This requirement may be combined with the requirement for a CQC Manager for a dual role position. However, if this dual role position is chosen, then all qualifications and responsibilities of each requirement under this contract must be met.

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Safety Engineer may not oversee a sub-contractor that they worked for within a 1-year period of being assigned to oversee work under this contract.

AM#0004 Safety Engineer shall be a full-time employee of the prime contractor and may work part-time on this contract.

AM#0004 Safety Engineer shall be immediately to the client at Madigan Army Medical Center (MAMC) and the MEDCOM Support Team Fort Worth as required.

C.3.8.9 Safety Officers:

AM#0004 C.3.8.9.1 Qualifications: Full-time **employee of the prime contractor (that may work part-time on this contract)** and Program level Safety Officers shall have formal Safety education and/or training in building construction inspection. These Safety Officers shall have five-years experience as Safety Officers in commercial construction work as it applies under this contract. The contractor shall furnish written proof of adequate safety experience and training for government consideration; must be familiar and conversant with the various codes and standards applicable to Medical Treatment Facility and other work covered by this contract. Safety Officers must be able to execute all Safety Program requirements.

C.3.8.9.2 Responsibilities: These individuals shall report directly to the Safety Engineer and have direct responsibility for the site safety.

This requirement may be combined with the requirement for a CQC Officer for a dual role position. However, if this dual role position is chosen, then all qualifications and responsibilities of each requirement under this contract must be met.

Safety Officers may not oversee a sub-contractor that they worked for within a 1-year period of being assigned to oversee work under this contract.

AM#0004 The Contractor shall ensure a Safety Officer presence at the site during progress of the work and with complete authority to take any action necessary to ensure compliance with the contract.

AM#0004 Safety Officers shall be immediately to the client at Madigan Army Medical Center (MAMC) and the MEDCOM Support Team Fort Worth as required.

C.3.8.10 Contract Administrator (CA):

C.3.8.10.1 Qualifications: As a minimum, the CA should have extensive background in accounting and bookkeeping, should have computer experience and be a proficient typist. Must be capable of dealing with all levels of management, with Government officials, as well as with subcontractor personnel. Must be capable of establishing, managing, and maintaining file systems. Must be familiar with proposal preparation; must know and understand the Job Order Contract and concept. Must have knowledge and understanding of Government Labor laws and regulations as well as subcontractor payrolls. The CA should also have the capability of acting as a purchasing agent.

C.3.8.10.2 Responsibilities: This individual shall have direct responsibility for contract administration.

AM#0004 Contract Administrator shall be a full-time employee of the prime contractor and may work part-time on this contract.

C.4 REFERENCES

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The publications listed below form the basis for the work under this contract. Additional references may be identified as required in task orders. Work done under individual task orders shall utilize the latest issue of the publication dated at the time of award of the task order. When a required publication is not referenced in this list or the task order, the Contractor shall utilize one that has national applications. Where conflicts arise between publications, the most stringent shall apply.

C.4.1 American Hospital Association (AHA):

AHA Maintenance Management for Health Care Facilities

C.4.2 American National Standards Institute (ANSI):

ANSI C2 National Electric Safety Code
ANSI Z88.2 Practices for Respiratory Protection

C.4.3 American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE):

Handbooks Refrigeration Fundamentals
HVAC System and Equipment
HVAC Applications

Standard 15 Safety Code for Mechanical Refrigeration

Standards Ventilation for Acceptable Indoor Air Quality

C.4.4 American Society of Mechanical Engineers (ASME)

ASME-13 Boiler and pressure Vessel Code; Section IV, Heating Boilers
ASME-16 Boiler and Pressure Vessel Code; Section VIII, Pressure Vessels Division 1
Basic Coverage
ASME-17 Boiler and Pressure Vessel Code; Section IX, Welding and Brazing
Qualifications

C.4.5 Americans with Disability Act (ADA):

Handbook

C.4.6 Code of Federal Regulations (CFR):

29 CFR 1910 Occupational Safety and Health Standards - General Construction
29 CFR 1926 Occupational Safety and Health Standards - Construction Industry

C.4.7 Department of the Air Force Regulations (AFR):

AFR 88-50 Air Force Facilities

C.4.8 Department of the Army, Corps of Engineers Manual (EM):

EM 385-1-1 Safety and Health Requirements Manual

C.4.9 Department of the Army, Corps of Engineers Regulation (ER):

ER 25-345-1 Military Publications System Operation and Maintenance Documentation

C.4.10 Department of the Army Regulation (AR):

AR 385-40 Accident Reporting Standards

C.4.11 Department of the Army Technical Manuals (TM):

TM 5-810-1 Mechanical Design, Heating, Ventilating, and Air Conditioning
TM 5-810-4 Compressed Air
TM 5-810-5 Plumbing
TM 5-811-1 Electric Power Supply and Distribution
TM 5-811-2 Electric Design, Interior Electrical System
TM 5-811-14 Coordinated Power Systems Protection
TM 5-815-3 Heating, Ventilation, and Air Conditioning (HVAC)

C.4.12 Department of the Army, Corps of Engineers, Architectural and Engineering Instructions (AEI):

AEI Design Criteria
AEI Medical Design Standards

C.4.13 Department of the Army, Corps of Engineers, Ft. Worth District Manual:

Engineering Guidance Design Manual for Architect Engineers

C.4.14 Joint Commission for the Accreditation of Health Care Organizations (JCAHO):

JCAHO Joint Commission for the Accreditation of Health Care Organizations

C.4.15 Military Handbooks (MIL-HDBK):

MIL-HDBK-1008C Fire Protection
MIL-HDBK-1191 Medical and Dental Treatment Facilities, Design and Construction Criteria

C.4.16 National Institute of Technology and Standards:

Handbook 135 Life Cycle Cost Analysis

C.4.17 National Fire Protection Association, Inc. (NFPA):

NFPA 31 Installation of Oil Burning Equipment
NFPA 54 National Fuel Gas Code
NFPA 70 National Electric Code
NFPA 99 Health Care Facilities
NFPA 101 Safety to Life from Fire in Building and Structures

C.4.18 National Association of Plumbing - Heating - Cooling Contractors (NAPHCC):

NAPHCC National Standard Plumbing Code (NSPC)

C.4.19 Air Conditioning and Refrigeration Institute (ARI):

ARI 210/240 Unitary Air-Conditioning and Air-Source Heat Pump Equipment
ARI 310 Packaged Terminal Air Conditioners
ARI 320 Water-Source Heat Pumps
ARI 325 Ground Water-Source Heat Pumps
ARI 360 Commercial and Industrial Unitary Air-Conditioning Equipment

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ARI 380	Packaged Terminal Heat Pumps
ARI 410	Forced-Circulation Air-Cooling and Air-Heating Coils
ARI 460	Remote Mechanical-Draft Air-Cooled Refrigerant Condensers
ARI 490	Remote Mechanical-Draft Evaporative Refrigerant Condensers
ARI 550	Centrifugal or Rotary Screw Water Chilling Packages
ARI 560	Absorption Water-Chilling Packages
ARI 590	Reciprocating Water-Chilling Packages

C.4.20 Underwriters Laboratories (UL):

UL 06	Gas and Oil Equipment Directory
UL 296	Oil Burners
UL 484	Room Air Conditioners
UL 726	Oil-Fired Boiler Assemblies
UL 795	Commercial-Industrial Gas-Heating Equipment
UL 1995	Heating and Cooling Equipment

C.4.21 Building Codes

All work shall be performed in compliance with the following National Standards and Codes, applicable:

American Institute of Steel Construction (AISC)
American Concrete Institute (ACI)
Uniform Building Code (UBC)
Uniform Plumbing code (UPC)
Uniform Mechanical Code (UMC)
National Electrical Code (NEC)
Life Safety Codes
Joint Commission for the Accreditation of Hospital Organizations (JCAHO)

C.4.22 Federal Specifications (FS):

FS BB-F-1421 (Rev B) Fluorocarbon Refrigerants

C.4.23 Code of Federal Regulations, (CFR):

OSHA General Industry Safety and Health Standards (29 CFR 1910), Publication V2206; and OSHA Construction Industry Standards (29 CFR 1926). One source of these regulations is OSHA Publication 2207, which includes a combination of both Parts 1910 and 1926 as they relate to construction safety and health. Contact the Superintendent of Documents. U.S. Government Printing Office Washington, D.C. 20402

National Emission Standards for Hazardous Air Pollutants (40CFR, Part 61)

Federal Standard (Fed. Std. 313A, Material Safety Data Sheets, Preparation and the Submissions)

C.4.24 MEDCOM:

Plant Management, Fire Detection & Alarm System, and Integrated Security System Specification 1000

Architectural criteria required for building modification, addition, or new building shall be extracted from Corps of Engineers Guide Specifications (CEGS) 13120: STANDARD METAL BUILDING SYSTEMS

AC.4.25 ARMY MEDICAL DESIGN GUIDES

C.4.26 MIL Std 1691 - version F Construction And Material Schedule For Military Medical And Dental Facilities

C.4.27 Sheet metal and Air Conditioning Contractor's National Association (SMACNA) Guides

C.4.28 Energy/Telecommunications Industry Associations' (EIA/TIA) TSB-627

C.4.29 DOD Space Planning Criteria

C.4.30 AIA 2001 Guidelines for Design and Construction of Healthcare Facilities

C.4.31 Joint Commission Environment of Care/Infection Control Standards

C.4.32 Center for Disease Control's New Guidelines for Environmental Infection Control in Healthcare Settings

C.5 GENERAL INFORMATION

This section consists of the following documents to be used in the execution of the work under this contract:

C.5.1 Job Order Contract Technical Specifications, Volume II.

C.5.1.1 The Technical specifications, Volume II, are numbered and organized by the 1983 Edition of the Construction Specification Institute's (CSI) Master Format. All specifications are filed in Division 1 through 16 as per CSI guidelines. A division 19 was created specifically for this contract to cover demolition.

C.5.1.2 The index to the Technical Specifications, Volume II, provides cross references to the Unit price Book (UPB), Volume III. Some specifications are broad scope in nature and contain a variety of items; therefore, they will have several UPB designators. Other specifications will not have UPB pricing information; these items are those that are special ordered from the manufacturer or the items involved would be proprietary to each manufacturer's own equipment.

C.5.1.3 The intent of these specifications is to furnish concise industrial and/or commercial standards for maintenance and repair of Government facilities.

C.5.1.4 All work shall meet or exceed applicable Building Codes.

C.5.2 Unit Price Book (UPB), Volume III.

C.5.2.1 The UPB, Volume III, contains pricing information for the description of work to be accomplished and for the unit of measure specified.

C.5.2.2 The UPB, Volume III, consists of Division 1 through 16 that are applicable to Division 2 through 16 and 19 of the Job Order Contract Technical Specifications, Volume II.

C.5.4 Job Order Contracting Guide, dated August 1997

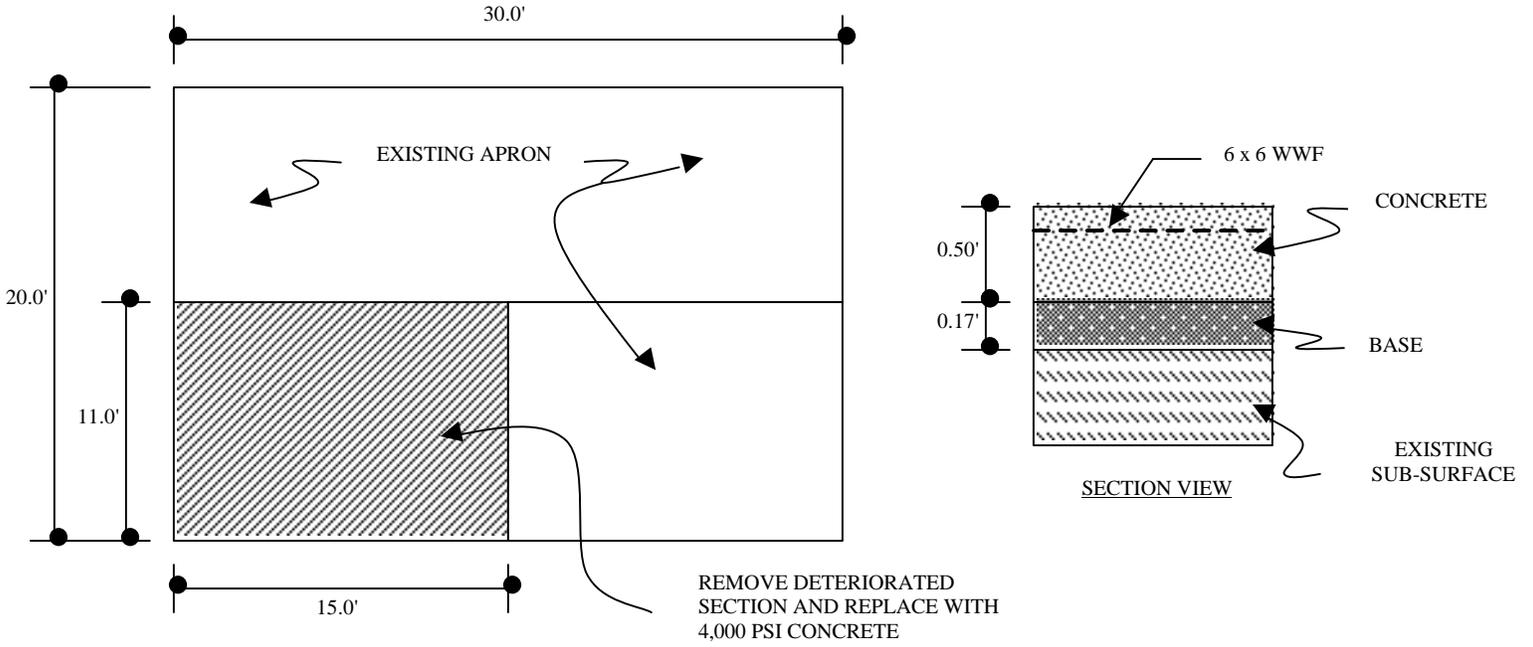
C.5.3 Abbreviations

A list of abbreviations to be used in the UPB, Volume III.

C.6 SAMPLE CALCULATION

The sample calculation that follows illustrates the use of the UPB. All dollar figures are fictitious.

PARKING APRON DEMOLITION AND REPAIR



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**PARKING APRON DEMOLITION AND REPAIR
SAMPLE CALCULATIONS**

1. DEMOLITION - $\frac{11 \times 15}{9} = 18 \text{ SY}$

$\frac{11 \times 15 \times .5}{27} = 3 \text{ CY}$

2. REPAIR -

A. BASE - $\frac{11 \times 15 \times .17}{27} = 1 \text{ CY}$

B. CONCRETE - $\frac{11 \times 15 \times .5}{27} = 3 \text{ CY}$

C. MESH - $11 \times 15 = 165 \text{ SF}$

D. FORMWORK - 26 LF

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PARKING APRON DEMOLITION AND REPAIR
SAMPLE COST PROPOSAL

<u>LINE ITEM</u>	<u>UPB #</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
DEMOLITION					
0001	02112-6005	SAW-CUT PAVEMENT	26 LF	\$ 0.67	\$ 17.42
0002	02112-1201	CONCRETE PAVEMENT W/MESH	18 SY	\$ 3.60	\$ 64.80
REPAIR					
0003	02619-1001	BASE COURSE	1 CY	\$20.27	\$ 20.27
0004	02222-4202	COMPACTION	1 CY	\$ 3.57	\$ 3.57
0005	03110-1611	FORMWORK	26 LF	\$ 1.48	\$ 38.48
0006	03220-1164	WELDED WIRE	165 SF	\$ 0.32	\$ 52.80
0007	03220-1164	CONCRETE (3,000 PSI)	3 CY	\$48.01	\$144.03
0008	03311-3005	MOD FOR (4,000 PSI)	3 CY	\$ 5.67	\$ 17.01
0009	03311-4101	SCREED CONCRETE	165 SF	\$ 0.22	\$ 36.30
0010	03305-1004	CURING COMPOUND	<u>1.65 CSF</u>	<u>\$ 6.23</u>	<u>\$ 10.28</u>
TOTAL DIRECT COST					\$404.96
<u>*COEFFICIENT</u>					x 1.05
SUBTOTAL PRICE					\$425.21
<u>*AREA COST FACTOR</u>					x 1.09
TOTAL PRICE					\$453.48

*Assumptions:

1. Contractor coefficient of 1.05 for Normal Working Hours
2. Area Cost Factor (ACF) of 1.09 for the jobsite location

END OF SECTION C

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SECTION H
SPECIAL CONTRACT REQUIREMENTS

H.1 LANGUAGE (JAN 1990)

For each work group that has employees that do not speak English the contractor will provide a bilingual foreman that is fluent in the English language and in the language of the workers. The Contractor will implement the requirements of EM 385-1-1, paragraph 01.B01, 01.B02, and 01.C.02 through these foremen.

H.2 52.231-5000 EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE
(MAR 1995) - EFARS

a. This clause does not apply to terminations. See 52.249-5000, Basis for settlement of proposals and FAR Part 49.

b. Allowable cost for construction and marine plant and equipment in sound workable condition owned or controlled and furnished by a contractor or subcontractor at any tier shall be based on actual cost data for each piece of equipment or groups of similar serial and series for which the Government can determine both ownership and operating costs from the contractor's accounting records. When both ownership and operating costs cannot be determined for any piece of equipment or groups of similar serial or series equipment from the contractor's accounting records, costs for that equipment shall be based upon the applicable provisions of EP 1110-1- 8, Construction Equipment Ownership and Operating Expense Schedule, Region VI. Working conditions shall be considered to be average for determining equipment rates using the schedule unless specified otherwise by the contracting officer. For equipment not included in the schedule, rates for comparable pieces of equipment may be used or a rate may be developed using the formula provided in the schedule. For forward pricing, the schedule in effect at the time of negotiations shall apply. For retroactive pricing, the schedule in effect at the time the work was performed shall apply.

c. Equipment rental costs are allowable, subject to the provisions of FAR 31.105(d)(ii) and FAR 31.205-36. Rates for equipment rented from an organization under common control, lease-purchase arrangements, and sale-leaseback arrangements, will be determined using the schedule, except that actual rates will be used for equipment leased from an organization under common control that has an established practice of leasing the same or similar equipment to unaffiliated lessees.

d. When actual equipment costs are proposed and the total amount of the pricing action exceeds the small purchase threshold, the contracting officer shall request the contractor to submit either certified cost or pricing data, or partial/limited data, as appropriate. The data shall be submitted on Standard Form 1411, Contract Pricing Proposal Cover Sheet.

(End of clause)

H.3 52.232-5000 PAYMENT FOR MATERIALS DELIVERED OFFSITE (MAR 1995) –
EFARS

a. Pursuant to FAR clause 52.232-5, Payments Under Fixed Priced Construction Contracts, materials delivered to the contractor at locations other than the site of the work may be taken into consideration in making payments if included in payment estimates and if all the conditions of the General Provisions are fulfilled. Payment for items delivered to locations other than the work site will be limited to: (1) materials required by the technical provisions; or (3) materials that have been fabricated to the point where they are identifiable to an item of work required under this contract.

b. Such payment will be made only after receipt of paid or receipted invoices or invoices with canceled check showing title to the items in the prime contractor and including the value of

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material and labor incorporated into the item. In addition to petroleum products, payment for materials delivered off-site is limited to the following items: [List items for which payments will be made for off-site delivery]

(End of clause)

H.4 CLASSIFICATION OF WORK PERFORMED BY CONTRACTOR

Unless he has submitted such description with his offer, the successful offeror must furnish the Contracting Officer, within twenty (20) days after award, a description of the work which he intends to perform with his own organization (e.g., earthwork, paving, brickwork, or roofing), the percentage of the total work this represents, and the estimated cost thereof. (See Section I, PERFORMANCE OF WORK BY THE CONTRACTOR.)

H.5 MINIMUM CONTRACT VALUE

a. The guaranteed minimum quantity of work which will be required under this contract, and which will be initiated by one or more task orders, will not be less than \$14,000 for the base period (per each contract) and \$7,000 for each of the 4 option period extensions (per each contract). The estimated maximum dollar value of the contract(s) is \$700,000 each for the initial contract period and the remaining four option periods.

b. Should the estimated maximum base contract amount or option contract amount be reached prior to completion of the base period and/or option periods, the Government reserves the right to exceed the estimated maximum contract amount and/or option period contract amount. However, the Government will not exceed the total estimated contract amount of \$3,500,000.

c. If the Government's requirements for the services set forth in the request for proposal do not result in orders in the amount described as "estimated maximum," the event shall not constitute the basis for an equitable price adjustment under this contract.

H.6 WORK BY THE GOVERNMENT

The Government reserves the right to undertake performance by Government forces or other Contractors, the same type or similar work as contracted for herein, as the Government deems necessary or desirable, and to do so will not breach or otherwise violate this contract.

H.7 NON-PREPRICED WORK

a. Non-prepriced work (i.e., tasks not in the Unit Price Book [UPB]) shall be supported by a minimum of two vendor quotes and must be submitted by the contractor for each item. Non-prepriced items shall be proposed in bare costs only (material, equipment, labor) and multiplied by the overhead and profit rates proposed for non-prepriced items (for each region) in the bid schedule (see Section B, SUPPLIES OR SERVICES & PRICES/COSTS, line items for non-prepriced items). Non-prepriced items will not be accepted without the minimum two vendor quotes with cost breakdown for each item. The government cannot exceed 10% of any individual task order for non-prepriced work.

b. Items of work not covered by the UPB but within its scope and general intent may be negotiated by the Contracting Officer with the Contractor, and then incorporated into the UPB by modification to the contract. These items of work would be considered and treated as prepriced work as of the effective date of the contract modification. The coefficient will be applied on all items of work, negotiated, and made a part of the UPB by contract modification.

H.8 HOURS OF WORK

With reference to Section F, COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK the following applies: Any work necessary on Saturdays, Sundays, or legal holidays to maintain schedules herein, shall be performed without additional cost to the Government. The Contractor shall notify the Contracting Officer or the Contracting Officer's Authorized Representative in writing a minimum of 2 working days in advance when the Contractor is planning on working prior to and after normal working hours as stated in the individual task order.

H.9 ORDERING PROCEDURES

As the need exists for performance under the terms of this contract, the Contracting Officer will notify the Contractor, in writing via a task order (DD Form 1155), of an existing requirement.

a. Per Section I, DELIVERY ORDER LIMITATIONS, if the Contractor does not wish to provide the services identified at the site visit he must submit an explanation of non-intent, in writing, within 72 hours after the site visit. Explanation of non-intent must be acceptable to the Government. INABILITY OF THE CONTRACTOR TO MAKE A PROFIT ON CERTAIN LINE ITEMS OR DUE TO DISTANCES INVOLVED ARE EXAMPLES WHICH ARE "NOT" ACCEPTABLE REASONS FOR NON-INTENT. The Contractor should recognize that some line items may produce high profits while others may produce a loss. However, the overall contract should produce, with APPROPRIATE COEFFICIENTS, reasonable profit to the Contractor in general. The Government may issue unilateral task orders to the Contractor if it deems the reasons for non-intent are unacceptable; the Contractor may, at his discretion, submit a claim to the Contracting Officer for final decision, but will be required to proceed diligently and expeditiously with the requirements of the task order.

b. Work plan activities may be ordered in several stages. Each stage may be executed unilaterally or bilaterally by task order depending on clarity of requirement as defined in the UPB. Each stage is severable and distinct from the other stages. Each stage stands alone as a complete deliverable from 0% Design, however, adjustments to prices shall be made accordingly if previous stages/tasks have already been performed by deducting the applicable line item(s). If a bilateral task order is desired, the COR will issue to the contractor a Request for Proposal (RFP). The contractor shall be responsible for describing the work involved and estimating the level of effort required to perform the requested work. Within the timeframe prescribed in the RFP (i.e. typically within seven (7) and not less than three (3) calendar days, however, there may be occasions when proposals may be required within twenty-four (24) hours), the contractor shall return to the COR a detailed description and cost proposal for items required to perform the work requested. Upon approval of the contracting officer and receipt of a task order, the contractor shall coordinate the start of work with COR and the Medical facility point of contact identified in the task order. The work shall be completed within the performance times provided on the task order. Work shall be in compliance with applicable codes. (See Section C for Work Plan details)

c. Contractor's proposals shall be provided on two (2) floppy disks and in hard copy (four (4) copies each). Disks shall be furnished by the contractor.

d. Upon receipt of the Contractor's proposal, the Government will review the proposal for completeness. The Government will negotiate with the Contractor on all non-prepriced items, performance times, method of accomplishing work, materials chosen, and quantities.

e. Task orders will then be issued using a DD Form 1155. Each task order will include the following information:

1. Date of the task order.
2. Contract number, task order number, and delivery period in calendar days.
3. Item number and description, quantity and unit prices for prepriced and non-prepriced items and total.
4. Task order price, delivery or performance data.
5. Accounting and appropriation data.
6. Any other pertinent data. (Scope of Work, drawings, etc.)

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f. It should be realized by the Contractor that unforeseen circumstances may prohibit the Government from issuing an individual task order even after the receipt of the Contractor's task order proposal or after the task order has been negotiated.

g. Upon approval of the Contracting Officer and receipt of a task order, the contractor shall coordinate the start of work with the COR and the Medical facility point of contact identified in the task order. The work shall be completed within the performance times provided on the task order. Work shall be in compliance with applicable codes. (See Section C for Work Plan details)

1. The Unit Price Book shall serve as the basis for establishing the value of the work to be performed on a unit price basis.

2. Non-prepriced work to be included in an individual requirement must be proposed by the Contractor using an acceptable proposal format to be agreed upon by the Government and the Contractor.

3. The Contractor shall provide a work plan to accomplish the scope of work. The work actions shall conform on all aspects to the JCAHO standards. As determined by the COR, the work plan shall include the appropriate level of documentation, in proportion to the complexity of the project, to adequately establish the technical basis of the work, and define the effort proposed for the work. This effort must be supported by necessary documentation to indicate that adequate engineering and planning to accomplish the requirement has been done. Example of documentation that might reasonably be expected would include drawings (reflecting project scope), calculations, catalog cuts, specifications, architectural renderings, etc. Submittals on equipment and material are required unless waived by the Government. The offeror's coefficient factor must contain as a minimum the items listed in Section B, "OFFERS", as no allowances will be made later for any other than prepriced or non-prepriced item unit prices. As-built drawings, renderings, etc., will be provided by personnel skilled in the craft (i.e., draftsmen required to perform as-builts and provide CADD files in version AUTO-CADD 2000 (and more advanced versions as AUTO-CADD 2000 is updated) unless a lesser quality of product is requested by the government). (See Section C for Work Plan details and Staff Qualifications)

4. Delivery schedule shall be as follows, unless otherwise prescribed by Task Order (T.O.). All days shown represent calendar days allowed to complete listed tasks; all days shown do not represent work effort, and therefore, shall not be used to establish price. The contractor shall be prepared to mobilize to site within 3 calendar days and not more than 10 calendar days of task order award, at no additional cost to the government. If the COR requires a Crashed Delivery Schedule (Shortened Schedule Durations), the percent of the total stage duration (i.e. from stage schedules listed below as they apply) shortened, divided by 2, shall be applied to UPB stage/task quantity(s) affected as a fair and equitable adjustment to the Contractor (See Example 3 below).

(a) Stage 1: Schematic Design Submittal (5% Design from 0% Design) (Army)		
i	Prepare Draft Stage 1 Document	5 days from end of site visit
ii	Distribute Draft Stage 1 Document for Review	2 days
iii	Conduct Onboard Review	1 day
iv	Incorporate Comments (cmts.)	2 days from receipt of cmts.
v	Distribute Final Stage 1 Documents	<u>2 days</u>
	TOTAL	12 days

(b) Stage 2: Pre-Concept Control Data Submittal (10% Design from 0% Design)		
(Army)		
i	Prepare Draft Stage 2 Document	10 days from end of site visit
ii	Distribute Draft Stage 2 Document for Review	2 days
iii	Conduct Onboard Review	1 day
iv	Incorporate Comments (cmts.)	3 days from receipt of cmts.
v	Distribute Final Stage 2 Documents	<u>2 days</u>
	TOTAL	18 days

(c) Stage 3: Project Engineering Brochure Submittal (15% Design from 0% Design)		
(Army)		
i	Prepare Draft Stage 3 Document	15 days from end of site visit
ii	Distribute Draft Stage 3 Document for Review	2 days
iii	Conduct Onboard Review	1 day

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- iv Incorporate Comments (cmts.) 5 days from receipt of cmts.
 - v Distribute Final Stage 3 Documents 2 days
- TOTAL 25 days

(d) Stage 4: Concept Design Submittal (35% Design from 0% Design) (Army)

- i Prepare Draft Stage 4 Document 20 days from end of site visit
 - vi Distribute Draft Stage 4 Document for Review 2 days
 - ii Conduct Onboard Review 1 day
 - iii Incorporate Comments (cmts.) 6 days from receipt of cmts.
 - iv Distribute Final Stage 4 Documents 2 days
- TOTAL 30 days

(e) Stage 5: Preliminary Design Submittal (65% Design from 0% Design)

- i Prepare Draft Stage 5 Document 25 days from end of site visit
 - ii Distribute Draft Stage 5 Document for Review 2 days
 - iii Conduct Onboard Review 1 day
 - iv Incorporate Comments (cmts.) 8 days from receipt of cmts.
 - v Distribute Final Stage 5 Documents 2 days
- TOTAL 38 days

(f) Stage 6: Final Design Submittal (100% Design from 0% Design)

- i. Prepare Draft Stage 6 Document 33 days from end of site visit
 - ii. Distribute Draft Stage 6 Document for Review 2 days
 - iii Conduct Onboard Review 1 day
 - iv Incorporate Comments (cmts.) 10 days from receipt of cmts.
 - v Distribute Final Stage 6 Documents 2 days
- TOTAL 48 days

5. Each Stage stands alone as a complete deliverable from 0% Design, however, adjustments to durations shall be made accordingly if previous stages have already been performed or tasks are not needed, at no additional cost to the government (i.e. these adjustments are not regarded as "Crashed Schedules" as described above). Duration for "Prepare Draft Document of Desired Stage" shall be calculated as Duration for "Prepare Draft Document of Desired Stage" minus Duration for "Prepare Draft Document of Previous Stage" with highest level of design performed; Duration for Incorporating Comments shall be calculated as 0.30 x calculated Duration for "Prepare Draft Document for Review," rounded up to the next duration day if the resultant calculation is a mixed number (i.e. calculated duration of 1.1 day is rounded up to duration of 2 days); all other items listed are either fixed days (as represented by the schedules above), or if not needed, 0 days:

CRITERIA FOR ESTABLISHING ADJUSTED DURATIONS:

- i Prepare Draft Stage Document Calc. days (desired stage days – previous stage days)
 - ii Distribute Draft Stage Document for Review 2 days or 0 days if not needed
 - iii Conduct Onboard Review 1 day or 0 days if not needed
 - iv Incorporate Comments (cmts.) Calc. days ("Item i" days x 0.3)
 - v Distribute Final Stage Documents 2 days or 0 days if not needed
- TOTAL Adjusted days

EXAMPLE 1: If Stages 1 and 2 have not been ordered, Stage 3 has been performed, and Stage 4 has not been ordered, but Stage 5 has been ordered with an over-the-shoulder review, then the durations shall be adjusted to reflect a 65% Design from 15% Design with no distribution for review, and no onboard review.

- i Prepare Draft Stage 5 Document 10 days (25 minus 15 days)
 - ii Distribute Draft Stage 5 Document for Review 0 days Not Required
 - iii Conduct Onboard Review 0 days Not Required
 - iv Incorporate Comments (cmts.) 3 days (10 x 0.3)
 - v Distribute Final Stage 5 Documents 2 days
- TOTAL 15 days

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EXAMPLE 2: If Stages 1, 2, 3 and 4 have not been ordered, but Stages 5 and 6 have been ordered with a site visit and with an on board review at Stage 5, and with no site visit and with an over-the shoulder review at Stage 6, then the durations shall be adjusted to reflect a 65% Design from 0% Design with a site visit and an on-board review and a 100% Design with an over-the-shoulder review.

i	Prepare Draft Stage 5 Document	25 days
ii	Distribute Draft Stage 5 Document for Review	2 days
iii	Conduct Onboard Review	3 days
iv	Incorporate Comments (cmts.)	8 days (25 x 0.3)
v	Distribute Final Stage 5 Documents	<u>0 days</u> Not Required
	TOTAL	38 days
vi	Prepare Draft Stage 6 Document	8 days (33 minus 25 days)
vii	Distribute Draft Stage 6 Document for Review	0 days Not Required
viii	Conduct Onboard Review	0 days Not Required
ix	Incorporate Comments (cmts.)	3 days (8 x 0.3)
x	Distribute Final Stage 6 Documents	<u>2 days</u>
	TOTAL	13 days

EXAMPLE 2 GRAND TOTAL 51 days

EXAMPLE 3: Same as Example 2, but with crashed schedule at "Prepare Draft Stage 5 Document" from 25 days to 15 days.

i	Prepare Draft Stage 5 Document	15 days Crashed by 10 days
ii	Distribute Draft Stage 5 Document for Review	2 days
iii	Conduct Onboard Review	1 day
iv	Incorporate Comments (cmts.)	5 days (15 x 0.3) Crashed by 3 days
v	Distribute Final Stage 5 Documents	<u>0 days</u> Not Required
	TOTAL	23 days

EXAMPLE 3 CALCULATION OF EQUITABLE ADJUSTMENT FOR STAGE 5 CRASHED SCHEDULE

PERCENT OF STAGE 5 DURATION CRASHED: 13 days crashed divided by 38 days = 34.21%

EQUITABLE ADJUSTMENT FACTOR TO STAGE 5 PRICE FOR CRASHED SCHEDULE:

34.21% divided by 2 = 17.10% or 1.1710 factor applied to applicable Stage 5 line item quantities

vi	Prepare Draft Stage 6 Document	8 days (33 minus 25 days)
vii	Distribute Draft Stage 6 Document for Review	0 days Not Required
viii	Conduct Onboard Review	0 days Not Required
ix	Incorporate Comments (cmts.)	3 days (8 x 0.3)
x	Distribute Final Stage 6 Documents	<u>2 days</u>
	TOTAL	13 days

EXAMPLE 3 GRAND TOTAL 36 days (23 days plus 13 days)

h. Legal Consideration (Work Plans): If the Contractor fails to complete the work within the time specified in the task order, or any extension thereof, the Contractor shall pay to the Government as legal consideration, the minimum amount of \$500.00 for each modification issued to extend the delivery schedule due contractor delay.

i. Liquidated Damages (Construction): The Government will determine the appropriate liquidated damages per task order. (See Section F, LIQUIDATED DAMAGES-CONSTRUCTION.) The minimum liquidated damages shall be \$286.00 per day.

H.10 COMMENCEMENT OF MOBILIZATION/WORK

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The Contractor shall commence any mobilization and familiarization activities prior to actual work on individual task orders as soon after contract award as practicable. However, within 45 calendar days after contract award, the Contractor shall be fully operational and capable of immediately starting work on any required task order.

WITHIN 10 CALENDAR DAYS UPON NOTIFICATION OF AWARD THE CONTRACTOR SHALL: Submit Performance and Payment Bonds to the Contracting Officer (See Section L, PERFORMANCE AND PAYMENT BONDS).

WITHIN 5 WORKING DAYS OF ACCEPTANCE OF BONDS THE CONTRACTOR SHALL:

- a. Meet with the Contracting Officer to establish the agenda for the pre-construction conference (See Section H, PRE-CONSTRUCTION CONFERENCE).
- b. Provide the Contracting Officer the required Resumes of the Contractor's staff.

WITHIN 30 CALENDAR DAYS OF AWARD THE CONTRACTOR SHALL:

Attend the pre-construction conference. In attendance at the conference will be the Contractor's approved staff.

WITHIN 45 CALENDAR DAYS OF AWARD THE CONTRACTOR SHALL:

- a. Have all critical staff members on site.
- b. Be fully operational and capable of immediately starting work on any required task orders.

H.11 PRE-CONSTRUCTION CONFERENCE (52.9015-4000 MED)

a. Initial Conference. When determined appropriate by the Contracting Officer, before the issuance of the first task order under the contract, a conference shall be conducted by the Contracting Officer or the Contracting Officer's Authorized Representative to acquaint the Contractor with Government policies and procedures that are to be observed during the prosecution of the work and to develop a mutual understanding relative to the administration of the contract. The Contractor's Management staff must be in attendance, i.e., Program Manager, Project Managers, Quality Control System Manager, Safety Engineer, and Contract Administrator etc.

b. Individual Task Order Conferences. Conferences will be held on all task orders except those deemed not necessary by the Contracting Officer or the Contracting Officer's Authorized Representative. As a minimum the Project Manager, Superintendent, Quality Control Officer, Safety Officer and Subcontractors will be in attendance.

(1) This conference will be held at the location specified by the Contracting Officer. The conference will allow the Contractor an opportunity to ask questions about the Government's supervision and inspection of work, security requirements, regulations, etc. The Contracting Officer may invite installation, using service, engineering and/or security personnel as well as other involved Government personnel to attend.

(2) Regardless of whether the work site is on a military reservation or in a civilian installation associated with the military, the Contractor shall observe all rules and regulations issued by the Commanding Officer/Director. The rules and regulations may address the following: general safety, security, sanitary requirements, pollution control, work hours, storage areas, utility availability and use, utility interruptions, site conditions, environmental compliance, clean up, conduct and dress, work in areas with others, excavation permits, access to work areas, traffic regulations, as well as any other rules and regulations that may be pertinent.

H.12 DEVIATION FROM PROPOSED LIST OF SUBCONTRACTORS

The Contractor shall update the list of his subcontractors monthly and submit the updated list to the Contracting Officer by the 10th day of each month. This list should contain all subcontractor

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deviations (increases/ decreases), which vary from the original list of contemplated subcontractors provided for each task order.

H.13 GOVERNMENT-FURNISHED EQUIPMENT/MATERIALS

a. The Contractor, with his own forces, shall transport all Government-furnished equipment/materials, if any, described on the task order. The equipment/materials shall be transported from the Government storage area to the work site indicated on the task order. Installation of GFE/GFM will be negotiated using the prepriced items under the column of labor only, or the non-prepriced items clause when prepriced line items are not available.

b. The Contractor assumes the risk and responsibility for the loss or damage to Government-furnished property.

c. The Contractor shall follow the instructions of the Contracting Officer's Authorized Representative regarding the disposition of all Government-furnished property not consumed in performance of a task order.

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H.14 SECURITY REQUIREMENTS

The Contractor shall comply with security regulations imposed by the Medical Treatment Facility Commander and/or agency occupying the space where work is to be performed. Security requirements may change from time to time and effect access to facilities and installations.

H.15 SCHEDULING WORK

a. Before commencement of work under an individual task order, the Contractor shall confer with the Contracting Officer or the Contracting Officer's Representative and agree on a sequence of procedures; means of access to premises and building; space for storage of materials and equipment; delivery of materials and use of approaches; use of corridors, stairways, elevators, and similar means of communications and the location of partitions, eating spaces, and restrooms for Contractor's employees and the like.

b. Furniture and portable office equipment in the immediate area will be moved or protected by the Contractor and replaced to original position. Sensitive equipment and personal computers shall be moved by Government forces as arranged by the Contracting Officer's Representative. If the work required by the work order will not allow furniture and portable office equipment to be replaced to its original location, new locations will be designated by the Contracting Officer's Representative for replacement by the Contractor.

c. Delivery of materials and equipment shall be made with a minimum of interference to the Medical Treatment Facility operations. The work shall, so far as practicable, be done in definite sections or divisions and confined to limited areas which shall be completed before work in other sections or divisions are begun.

d. The Contractor shall provide the site Contracting Officer's Representative and the Medical Treatment Facility Manager a daily work schedule, by 3:00 p.m. the work day before, listing the task orders to be worked that day and the trades involved.

H.16 AS-BUILT DRAWINGS

During the progress of the job, the Contractor shall keep a careful record at jobsite of all changes and corrections from the layouts shown on the drawings, if applicable. The Contractor shall enter such changes and corrections on contract or record drawings promptly. Only personnel proficient in the preparation of engineering drawings shall be employed to modify the original drawing or prepare new drawings. The term drawings shall include any work plans, drawings, diagrams,

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layouts, schematics, or schedules furnished to the Contractor. The record drawings shall indicate, in addition to all changes and corrections, the actual location of all sub-surface utility lines. In order that the location of these lines and appurtenances may be determined in the event the surface openings or indicators become covered or obscured, the record drawings shall show, by offset dimensions to two permanently fixed surface features, the end of each run including each change in direction. Valve, splice boxes, and similar appurtenances shall be located by dimensioning along the utility run from a reference point. The average depth below the surface of each run shall also be recorded. At the time of beneficial occupancy of each structure or facility involved under the individual task order, the Contractor shall submit to the site Contracting Officer's Representative marked-up or "red line" drawings showing the aforementioned data for approval and acceptance. If the Contractor fails to maintain the record drawings as required herein, the Contracting Officer will consider that satisfactory progress has not been achieved for the period in question, thereby requiring the retainage of 10% of any task order. Provide CADD files in version AUTO-CADD 2000 (and more advanced versions as AUTO-CADD 2000 is updated) unless a lesser quality of product is requested by the government.

H.17 OPERATION AND MAINTENANCE

Prior to final acceptance and payment of each Task Order, the Contractor shall submit three (3) copies of all operation and maintenance manuals to the site Contracting Officer's Representative for HVAC system, electrical controls, etc. The Contractor shall conduct a training session to brief Government personnel on the operation and maintenance procedures of such systems. The Contractor is required to provide three (3) complete tear down/overhaul/repair manuals for the equipment provided. The Contractor is required to provide two (2) complete service literature catalogs for the equipment manufacturer's engineered machinery products.

H.18 ENVIRONMENTAL PROTECTION

a. Solid, Liquid, and Gaseous Contaminants. Contractors shall be responsible for the proper disposal of all solid, liquid, and gaseous contaminants including asbestos in accordance with all Federal, State and local codes and regulations, together with the following requirements: (1) Discharge gaseous contaminants so that they will be sufficiently diluted with fresh air to reduce the toxicity to an acceptable level. (2) Liquid contaminants may, subject to local utility standards, be diluted with water to a level of quality acceptable in the local sewer system, or shall be disposed of in approved vessel at approved sites.

b. Disposal of Scrap and Debris. All scrap and debris caused by the operations under this contract shall be removed at the end of each working day and hauled off the installation.

c. Burning of Materials and Debris. No materials or debris will be burned on any installation.

d. Covered Chutes. All chutes for refuse, and the like, shall be covered or of such a design to fully confine the material to prevent the dissemination of dust and debris.

e. The Contractor shall coordinate all activities which may require environmental documentation or state environmental permits with the Environmental and Natural Resources Office (ENRO) at least 30 calendar days prior to start of work. Contractor will adhere to requirements of lead base paint removal.

H.19 CONSTRUCTION SITE MAINTENANCE

The Contractor shall store all supplies and equipment at the location designated for the Contractor's Management Office or at a location designated by/coordinated with the site Contracting Officer's Representative/Medical Facility Manager so as to preclude mechanical and climatic damage. The site shall be maintained in a neat and orderly manner. Vehicles will not be parked on grassy areas.

H.20 NOISE CONTROL

The Contractor shall comply with all applicable state and local laws, ordinances, regulations, and Medical Facility requirements relative to noise control.

H.21 GOVERNMENT EQUIPMENT ON THE SITE

The Contractor shall cover equipment that is to remain in place within the area of contract operations and protect it against damage or loss; store equipment that is removed in performance of work where directed or reuse in work as required by drawings and specifications. Equipment temporarily removed shall be protected, cleaned and replaced equal to its condition prior to starting work. Security for equipment or materials that is to be reused and is removed for temporary storage shall be the sole responsibility of the Contractor.

H.22 TRUCKING

The Contractor shall load all trucks leaving the site with loose debris in a manner that will prevent dropping of materials on streets. All vehicles transporting hot-mix mixtures, sand, base course material, surfacing aggregates or dirt for work performance under this contract and traveling in excess of 35 mph on Installation area streets or main access roads shall have the materials covered with a tarpaulin canvas or shall be loaded a minimum of 6 inches below the top of the sideboards to avoid spillage of materials. The Contractor shall be responsible for cleaning up any materials that fall from trucks.

H.23 TOILET FACILITIES

Contractor's personnel will be permitted to use toilet facilities where available and or allowed by the Medical Facility User on the premises subject to regulation and control of the Contracting Officer or his designated representative. On those sites where no toilet facilities are available, the Contractor shall provide adequate facilities, at no additional cost to the Government. These facilities shall be maintained in accordance with the Medical Facility Safety Office.

H.24 ELEVATORS

a. Approval of the COR shall be obtained prior to any temporary use of an existing elevator and shall be by arrangement with the custodian and subject to his controls. Such use will be of an intermittent nature. The Contractor shall provide and maintain suitable and adequate protection covering for the elevator machinery, the hatchway entrance, and the elevator interior, which meets the COR's approval, during the period of temporary use. Loads in excess of the rated capacity of the elevator will not be permitted.

b. Existence of an elevator does not guarantee the Contractor that the elevator may be used during the construction period. c. The Government will bear the cost of electrical current for the operation of the elevator. Upon completion of work, the Contractor shall remove the protection coverings together with any resultant dirt and debris, and leave the equipment in a condition equal to that in which he found it.

H.25 SAFETY AND HEALTH

a. General

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(1) Applicable Publications: The publications listed below and Section C (REFERENCES) form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

(2) Code of Federal Regulations (CFR): OSHA General Industry Safety and Health Standards (29 CFR 1910), OSHA Construction Industry Standards (29 CFR 1926). U.S. Army Corps of Engineers, Safety and Health Requirements Manual, EM 385-1-1. National Emission Standards for Hazardous Air Pollutants (40 CFR, Part 61).

(3) Federal Standard (Fed. Std.): 313A, Material Safety Data Sheets, Preparation and Submission of. Use of Asbestos Containing Material, ETL 1110-1-118. Policy & Guidelines for Asbestos Management, DA Circular 40-834.

b. Work covered by this section: This section is applicable to all work covered by this contract. Before issuance of task orders to the contractor, necessary clearances/surveys (asbestos, lead-based paint, etc.) will have been done and the results provided to the contractor. Project-specific issues (such as asbestos, lead-based paint, PCB ballast, etc.) will be addressed on individual task orders at the time of negotiation with the contractor).

c. Definition of Hazardous Materials: Refer to hazardous and toxic materials/substances included in Subparts H and Z of 29 CFR 1919; and to others as additionally defined in Fed. Std. 313. Those most commonly encountered include asbestos, polychlorinated biphenyls (PCBS), explosives, radioactive material, lead, and lead based paint, but may include others.

d. Asbestos

(1) THE CONTRACTOR IS WARNED THAT EXPOSURE TO AIRBORNE ASBESTOS HAS BEEN ASSOCIATED WITH FOUR DISEASES: LUNG CANCER, CERTAIN GASTROINTESTINAL CANCERS, PLEURAL OR PERITONEAL MESOTHELIOMA AND ASBESTOSIS. Studies indicate there are significantly increased health dangers to persons exposed to asbestos who smoke, and further, to family members and other persons who become indirectly exposed as a result of the exposed worker bringing asbestos-laden work clothing home to be laundered.

(2) The Contractor is advised that friable and/or nonfriable asbestos-containing material may be encountered in area(s) where contract work is to be performed. Friable asbestos-containing material means any material that contains more than one percent asbestos by weight that hand pressure can crumble, pulverize or reduce to powder when dry. Nonfriable asbestos-containing materials are materials in which asbestos fibers are bound by a matrix material, saturant, impregnant or coating. However, excessive fiber concentrations may be produced during uncontrolled abrading, sanding, drilling, cutting, machining, removal, demolition or other similar activities.

(3) Care must be taken to avoid releasing, or causing to be released, asbestos fibers into the atmosphere where they may be inhaled or ingested. The Occupational Safety and Health Administration (OSHA) has set standards at 29 CFR 1910.1001 and 29 CFR 1926.58 for exposure to airborne concentrations of asbestos fibers, methods of compliance, medical surveillance, housekeeping procedures and other measures that must be taken when working with or around asbestos-containing materials. The Environmental Protection Agency (EPA) has established standards at 49 CFR 61.140-156 for the control of asbestos emissions to the environment and the handling and disposal of asbestos wastes.

(4) Friable asbestos-containing materials are not permitted by current criteria and shall not be used in new construction or modification projects (ETL 1110-1-118, 27 May 1983). Plans and specifications for all new construction and modification projects will be reviewed to insure that the use of friable asbestos-containing materials is not specified.

(5) Maintenance, modification, or demolition activities where exposure to asbestos dust may occur from previously installed friable or nonfriable asbestos-containing material will be identified. All precautions, to include proper work practices, medical surveillance, respiratory protection, industrial hygiene, and environmental protection requirements of OSHA, EPA (40 CFR 61.140-156) and DA Circular 40-83-4, as applicable, shall be strictly adhered to.

(6) The Government will identify the existence of asbestos in areas where work is to be performed under individual task orders prior to the issuance of the order. The Contractor shall report any findings or suspicion of asbestos to the Contracting Officer's Representative prior to

initiating work or during the performance of work under a task order. (See Section H, "ASBESTOS ABATEMENT.")

e. Lead-Base Paint: The Government will identify the existence of lead-base paint in areas where work is to be performed under individual task orders prior to the issuance of the order. The Contractor shall report any findings or suspicion of lead or lead-based paint to the Contracting Officer's Representative prior to initiating work or during the performance of work under a task order. (See Section H, "LEAD-BASED PAINT ABATEMENT.")

f. PCB Dielectrics: The Government will identify the existence of PCB-containing dielectrics in areas where work is to be performed under individual task orders prior to the issuance of the order. The Contractor will have material which he identifies or suspects as being contaminated with PCB dielectrics tested by an approved independent laboratory for verification at no additional cost to the Government. However, the Contractor shall report any findings of PCB-contaminated dielectrics to the Contracting Officer's Representative prior to initiating work or during the performance of work under a task order. (See Section H, "PCB-Contaminated Dielectrics".)

H.26 SAFETY ASSURANCE

Preconstruction Safety Meeting: Representatives of the Contractor shall meet with the Contracting Officer Representative(s)/Medical Facility Manager prior to the start of repair, alteration or construction activities for the purpose of reviewing the Contractor's safety and health programs and discussing implementation of all safety and health provisions pertinent to the work to be performed under the contract. The Contractor shall be prepared to discuss, in detail, the measures he/she intends to take in order to control any unsafe or unhealthy conditions associated with the work to be performed under the contract. This meeting may be held in conjunction with the pre-construction conference, if so directed by the Contracting Officer or his designated representative. The conduct of this meeting is not contingent upon a general preconstruction meeting. The level of detail for the safety meeting is dependent upon the nature of the work and the potential inherent hazards. The Contractor's principal on-site representative(s), the general superintendent and his/her safety representative(s) shall attend this meeting. **Compliance with Regulations:** All work, including the handling of hazardous materials or the disturbance or dismantling of structures containing hazardous materials shall comply with the applicable requirements of 29 CFR 1926/1910, USACE EM 385-1-1 and local installation safety and health requirements. All work shall comply with latest revisions of Federal, State and local regulations in force at time of contract award. Work involving the disturbance or dismantling of asbestos, asbestos-containing materials or lead based paint; the demolition of structures containing asbestos or lead based paint; and/or the disposal and removal of asbestos or lead based paint, shall also comply with the requirements of 40 CFR, Part 61, Subparts A and B, ETL 1110-1-118 and DA Circular 49-83-4. Where there is a conflict between applicable regulations, the most stringent shall apply.

Contractor Responsibility:

a. The Contractor shall assume full responsibility and liability for compliance with all applicable regulations pertaining to the health and safety of personnel during the execution of work, and shall hold the Government harmless for any action on his part or that of his employees or subcontractors, which results in illness, injury or death.

b. The Contractor shall furnish to the Contracting Officer's Representative a complete accident prevention plan, including a hazard analysis of all operations to be performed by construction trade. The hazard analysis shall be updated/submitted to the Contracting Officer's Representative on an ongoing basis as required prior to start of new work. The accident prevention plan/hazard analysis documentation shall be forwarded to the Contracting Officer's Representative, Installation Occupational Safety and Health Office for approval prior to start of contractual operations.

c. All temporary construction electrical systems shall be equipped with ground fault circuit interrupter (GFCI) protection.

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d. Contractor shall have a hearing conservation program in force when the noise level is 85dBA or greater for Contractor/Government personnel.

e. Contractor shall have a hazardous communication (HAZCOM) program in force and have his personnel trained in the HAZCOM program. Contractor shall maintain up-to-date material safety data sheet (MSDS) files on site in addition to having on site a written copy of the firm's HAZCOM program. Inspections, Tests, and Reports: The required inspections, tests, and reports made by the Contractor, subcontractors, specially trained technicians, equipment manufacturers, and others as required by a task order, shall be furnished in accordance with the terms of the task order.

Materials and Equipment:

Special facilities, devices, equipment, clothing, and similar items (such as hard hats, breathing apparatus, traffic barriers, etc.) used by the Contractor in the execution of work shall comply with the applicable regulations. Materials and equipment will be provided at no additional cost to the Government.

H.27 HAZARDOUS MATERIALS

The Contractor shall provide the Environmental Office a list of all hazardous materials, storage, and disposal methods for the wastes generated to the Environmental Office for review and approval prior to use of the materials. The Contractor shall submit spill prevention and contingency plans to the Environmental Office for review and approval prior to start of work. Any costs associated with spill clean up shall be borne by the Contractor.

H.28 ASBESTOS ABATEMENT

The Contractor shall coordinate all asbestos removal projects with the Environmental Office and execute all projects in compliance with the latest installation, Federal, state, and local regulations. Before award of task orders, clearances/surveys will have been accomplished by and results provided to the contractor as provided in Section H, clause entitled Safety and Health.

H.29 LEAD-BASED PAINT ABATEMENT

The Contractor shall coordinate all lead-based paint removal projects with the Environmental Office, and execute all projects in compliance with the latest installation, Federal, state, and local regulations. Before award of task orders, clearances/surveys will have been accomplished and results provided to the contractor as provided in Section H, clause entitled Safety and Health.

H.30 CONTRACTOR STAFF

a. The Contractor shall maintain an engineer staff and may also be required to obtain registered professional services to respond to the requirements set forth in the contract.

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b. **The government will provide Office Space at Fort Lewis, WA** to house staff personnel and equipment used in performance of this contract. **Contractor shall be responsible for the security of the contractor's office space and any equipment and material stored at the space provided.**

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c. **Staging Area(s) will be provided as required by individual task orders. Contractor shall be responsible for the security of the contractor's staging area(s).**

d. Contractor Personnel. The Contractor shall be responsible for selecting personnel who are well qualified to perform the required work, for supervising techniques used in their work, and for keeping them informed of all improvements, changes and methods of operations. In addition:

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(1) All personnel employed by the Contractor or any representatives of the Contractor entering the Government installation shall conform to all security regulations which may be in effect during the contract period and shall be subject to such checks as may be deemed necessary to assure that no violations occur. No employee or representative will be permitted on the installation when such check reveals that his or her presence would be detrimental to the physical or operational security of the installation.

(2) Where removal is due solely to misconduct or security on the part of the employee, replacement will be at the Contractor's expense and not chargeable to the Government. Contractor shall take appropriate personnel action, as required, in the event employees become involved with civilian or military authorities as a result of misconduct.

e. The Government will not exercise any supervision or control over Contractor employees performing work under the contract. Such employees shall be accountable solely to the Contractor, not the Government. Contractor, in turn, shall be accountable to the Government for Contractor employees.

f. Conduct. Contractor and Contractor's employees shall be subject to the same general rules of conduct while on the installation that apply to Government civilian employees. The Government reserves the right to refuse installation access to any Contractor employee if the Contracting Officer determines it to be in the best interest of the Government.

H.31 GOVERNMENT-FURNISHED UTILITIES

For individual task orders the Government will furnish to the Contractor from existing Government facilities and without cost to the Contractor, water and electrical power supply as set forth below. It is the responsibility of the Contractor to be "energy conscious" in the use of these Government-Furnished Utilities.

a. Water.

(1) The Government shall furnish from existing Government facilities and without costs to the Contractor, an adequate supply of water necessary for performance under a task order. The Government will in no case furnish or install any required supply connections and piping for the purpose of implementing the availability of the water supply. It is the responsibility of the Contractor to determine the extent to which existing Government water supply source is adequate for the needs of this contract.

(2) All taps, connections, and accessory equipment required in making the water supply source available will be accomplished by and at the expense of the Contractor. All work in connection therewith shall be coordinated, scheduled, and performed as directed and approved by the Contracting Officer's Representative. Said taps, connections, and accessory equipment shall be maintained by the Contractor in workmanlike manner in accordance with rules and regulations of the Government installation. Upon completion of the task order the removal of all taps, connections and accessories will be accomplished by and at the expense of the Contractor so as to leave the water supply source or facility in its original condition. Such removal shall also be subject to the direction and approval of the Contracting Officer Representative as provided above.

b. Electricity.

(1) The Government shall furnish existing Government facilities and without cost to the Contractor, all electrical power necessary for performance under a task order; provided, the Government will in no case furnish or install any electrical facility or accessory for the purpose of implementing the availability of electrical power for the purpose of this contract. It is the responsibility of the Contractor to determine the extent to which existing Government electrical facilities are adequate for the needs of the task order.

(2) All taps, connections, and accessory equipment required in making the electrical power available will be accomplished by and at the expense of the Contractor. All work in connection therewith shall be coordinated, scheduled, and performed as directed and approved by the Contracting Officer's Representative. Said taps, connections, and accessory equipment shall be maintained by the Contractor in workmanlike manner in accordance with rules and regulations of the Government installation. Upon completion of the task order the removal of all

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taps, connections and accessories will be accomplished by and at the expense of the Contractor so as to leave the electrical power or facility in its original condition. Such removal shall also be subject to the direction and approval of the Contracting Officer as provided above.

c. Telephone Services. Telephone service will be the responsibility of the Contractor.

d. Interruption of Utilities Service/Medical Systems.

(1) All temporary outages of any utility services required for the performance of work shall be scheduled with the Contracting Officer's Representative no less than 14 days in advance of such outages; the Contractor may request a waiver from this requirement from the Contracting Officer's Representative when the utility outage will be of a very limited nature (e.g., within a few rooms of building).

(2) Utilities shall include, but not be limited to, electrical, steam, gas, fuel oil, compressed air, water, and domestic and industrial wastewater. The Contractor shall submit a proposed schedule of outages showing as a minimum: dates of outages, duration of outages and type and location of outage required. The Contractor shall plan his work so as to minimize all outages. The Contractor will not be permitted to perform work requiring a utility outage during normal hours of work without prior approval from the Contracting Officer/COR.

(3) If during work performance the Contractor has determined that a utilities-related situation involves the risk to life or substantial risk to property, utilities shall be immediately disrupted to reduce the emergency and alleviate risk. If such a risk exists, or if such a disruption does occur, the Contractor shall notify the Contracting Officer's Representative/Medical Facility Manager at the earliest practical time, and in no case later than two hours following the occurrence.

e. Excavation and Utility Clearance.

(1) The Contractor shall be responsible for obtaining excavation and utility clearances, when required, to perform work under an individual task order. Clearance forms may be obtained from the Contracting Officer's Representative. The Contractor shall use this form to request and obtain clearances, through the Contracting Officer's Representative not less than 10 calendar days prior to the date which he anticipates commencement of work. The Contractor shall not proceed with excavation of any kind until he has obtained such clearance and has in his possession:

(a) Available drawing(s) showing all known utilities within the proposed work area(s).

(b) Markings in the field have been accomplished for the work area affected.

(c) Clearances will be valid from the date of issuance to date of completion of the

task order.

(2) Communication Cables: Before excavating near buried communications cable, the Contractor shall notify the Contracting Officer's Representative for assistance in locating the cable. Existing communication cables that are indicated or the locations of which are made known to the Contractor prior to excavating shall be repaired by the Government and the cost of repair deducted from the contract price.

(3) Underground utility lines indicated on drawings shall be field verified by the Contractor prior to excavation. The Contractor shall be responsible for all lines shown within the area of excavation and within ten feet of the area to be excavated. The Contractor shall first verify location of lines by excavating with hand-held tools prior to the use of power-operated equipment. The Contractor shall be responsible for repairing, to the satisfaction of the Contracting Officer, all lines damaged during excavation at no cost to the Government.

(4) Underground Utility lines not indicated on the contract drawings: The Government shall reimburse the Contractor for his expenses for a one-time repair of damaged lines that are not indicated on the contract drawings; however, the Contractor shall be responsible for protecting the same lines from further damage and for repair of the lines should further damage occur.

H.32 ADP SUPPORT REQUIREMENTS

The Contractor is to provide and maintain in an operational condition the minimum number of IBM compatible personal computer systems with the following minimum specifications as described

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below. Components may be internal or external. The systems will be contractor-owned and will not become the property of the Government and will be for use by the contractor for the life of the contract. The contractor shall provide all installation, removal, repair, maintenance, updates, and replacement for all computer system components for the life of the contract as deemed necessary by the government for this contract.

a. WORKSTATIONS:

1. Intel Pentium IV 1.5 Gig Hz
2. 400 MHz Front Side Bus
3. 512 Meg Memory PC800 ECC RDRAM
4. 16 Meg nVidia TNT2 Pro Video Card
5. 30 Gig Hard Disk
6. 12x/8x/32x CD-RW
7. 200 Meg Iomega Zip Drive
8. 10/100 Ethernet Network Card
9. 4 USB ports
10. Sound
11. PCMCIA adapter for 2 Type II or 1 Type III interface card
12. 21" FD Trinitron Perfect Flat 2048x1536 .24mm
13. 1.4 Meg Floppy Disk Drive
14. Microsoft Intellimouse Optical Mouse
15. Keyboard
16. Microsoft Windows 2000 SP1 or greater using NTFS

b. PRINTER AND OTHER PERIPHERALS AS NOTED:

1. Hewlett Packard LaserJet 8500gn Color Laser
2. Hewlett Packard 1055CM wide format printer/plotter for up to 36in wide paper.
3. Canon PowerShot Pro 90S Digital Camera with 128meg flash memory card
4. Hewlett Packard ScanJet 7490C Document Scanner 2400dpi, 48bit Color, Automatic Document Feeder, OCR

AM#0004

c. **Deleted**

d. SOFTWARE (latest full versions released at this solicitation date and applicable to Windows version below)

1. Microsoft Office XP Professional
2. Microsoft Project 2000
3. Primavera SureTrak Project Manager for Windows 2000
4. AutoDesk AutoCAD LT 2000i or greater
5. Microstation V8
6. Symantec Norton AntiVirus 2001
7. Symantec Norton pcAnywhere 10

H.33 GOVERNMENT FURNISHED SOFTWARE

Government furnished software (JOC PDS) will be provided to the Contractor for use as a tool to assist with expedient preparation of cost proposals in response to Government needs. This software will contain an electronic version (copy) of the Unit Price Book (UPB), Volume II (Contractor's UPB), which can be accessed on the equipment utilized by the Contractor (reference Section H, "ADP SUPPORT REQUIREMENTS") to locate and select desired items from the UPB. Once the desired items are selected, the software provides for selection of quantities and, based on the selected quantities, will extend and total UPB costs for each proposal. The software will also permit introduction of non-prepriced items and the application of the multiplier.

H.34 WASTE AND EXCESS QUANTITIES INCLUDED IN THE COMPLETED-IN-PLACE CONSTRUCTION QUANTITIES

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All prices in the Unit Price Book (UPB) are for the complete-in-place construction unless explicitly described otherwise. The unit prices include delivery of materials to the job site. Waste or excess material quantities are incidental costs which are included within the contract coefficient unless explicitly stated otherwise in the UPB. Quantities used on individual Job Order proposals shall be taken from field measurements or design plans, as appropriate, without allowance for waste and/or incidental extra materials used in performance of work. Incidental nails, screws, weldments, and connectors are included in UPB line items. Unless a connector or fastener is specifically stated as not being included, it is included in the price. Example: Installation of a suspended ceiling grid system includes connectors, fasteners, and wire for the hanging system.

H.35 PRICE ADJUSTMENT MODIFIERS

Volume III of the technical documents presented under this contract contains unit pricing data to be used by the Contractor in development of price proposals for each task order. The pricing data is presented as basic items and as price adjustment modifiers to the basic item. Price adjustment modifiers provide a method for adding to or deducting from the basic item prices for optional materials, and/or methods of installation. One or more modifiers can be utilized to adjust the basic item price as listed by the appropriate suffix number of basic line (see sample calculation, Section C).

H.36 FIRE PREVENTION AND PROTECTION

The Contractor shall comply with all fire prevention measures as set forth by the National Fire Protection Association; other recognized fire prevention agencies; and Installation regulations, a copy of which is on file in the Office of the Contracting Officer's Representative. Each construction site will be inspected with a frequency necessary to insure understanding and compliance on the part of the Contractor with all applicable provisions of the Installation Fire Regulation. Combustible trash will not be destroyed by open fire at the construction site but will be removed off the Installation. Approved types of portable fire extinguishers will be furnished and installed at each construction site by the Contractor. Information concerning approved types is available at the Inspection Section, Fire Prevention Division. The Contractor shall obtain permits for any hot work (welding, etc.) from the Fire Department before commencing work. The Contractor shall be liable for any fire loss to the Government property attributable to negligence on the part of the Contractor, including failure to comply with fire prevention measures prescribed by the terms of this contract.

H.37 CONTRACTOR ACCESS

The area wherein work is to be performed under this contract may be occupied by the Medical Services throughout the construction period. The Contractor shall have access to that portion of the area within which work is to be performed. The movement of Contractor personnel, his equipment, materials, and tools shall be confined to this area.

H.38 LIMITED ACCESS

The Contractor, shall under regulations prescribed by the Installation Provost Marshal, use only established roadways when transporting personnel and/or material in the prosecution of work. The Contractor shall adhere strictly to the above, and shall not develop new ingress or egress roads without specific written instructions from the Installation Provost Marshal. The Contractor shall insure his personnel use designated parking areas only. Vehicles shall not be parked on grassy areas. If the Contractor fails or refuses to comply with the above, the Contracting Officer

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may issue an order stopping all work. No part of the time lost due to any such order shall be made the subject of claim for extension of time or for excess costs or damage by the Contractor. Compliance with the provisions of this article by subcontractors will be the responsibility of the Contractor. All vehicles operated in support of the contract, including Contractor and Contractor employees privately owned vehicles or subcontractor vehicles shall be registered, insured, licensed, and safety inspected IAW applicable Federal, State, and local requirements.

H.39 SERVICES TO BE PERFORMED

The general requirements for the nature and categories of work to be performed under this contract includes but is not necessarily limited to the following: Site clearing, building renovation, earthwork, site drainage and utilities, roads and walks, cast in place concrete, brick masonry, block and tile masonry, structural metal, metal joists and decking, rough carpentry, finish carpentry, built in cabinetry and furniture, roofing and siding, sheetmetal work, doors, windows and glazing, window coverings, entrances and store fronts, lath and plaster, drywall, painting and wall coverings, floor tile and carpeting, pipe and fittings, plumbing devices and fixtures, fire extinguishing systems, fire alarm systems and intrusion detection systems, medical systems and equipment, heating and air conditioning and ventilating equipment and systems, ducts and controls, boxes and wiring devices, starters, breaker panels, switching devices and transformers, lighting and primary and secondary power systems, and asbestos/lead-based paint abatement and removal.

H.40 REQUIRED INSURANCE

Prior to commencement of work, the Contractor shall furnish the original of his insurance certificate directly to the Contracting Officer, Fort Worth District, Corps of Engineers, ATTN: CESWF-CT-M, Post Office Box 17300, Fort Worth, Texas 76102-0300 and one copy to the Contracting Officer's Representative. The Contractor shall maintain during the period of his performance under this contract the following minimum insurance:

(1) Workmen's Compensation and Employer's Liability Insurance in compliance with the applicable state statutes, with a minimum employers' liability coverage of \$100,000.

(2) Comprehensive General Liability Insurance for bodily injury in the minimum limits of \$500,000 per occurrence. No property damage liability insurance is required.

(3) Comprehensive Automobile Liability Insurance covering the operation of all automobiles used in connection with the performance of the contract in the minimum limits of \$200,000 per person and \$500,000 per occurrence for bodily injury and \$20,000 per occurrence for property damage. (See Section I, "INSURANCE--WORK ON A GOVERNMENT INSTALLATION".)

H.41 ASBESTOS/LEAD-BASED PAINT ABATEMENT INSURANCE

If any asbestos/lead-based paint abatement/removal or any other work with asbestos/lead-based paint is required under this contract and Comprehensive General Insurance is required, the policy of insurance which covers the asbestos/lead-based paint abatement/removal or other work with asbestos/lead-based paint, shall be a "per occurrence" policy as that term is used in the insurance industry. A policy issued on a "claim made" basis or any other "short tail" basis will not be accepted. The Comprehensive General Liability per occurrence policy shall be obtained by the Prime Contractor if the asbestos/lead-based paint abatement/removal work is performed by the Contractor's own work force, or by an asbestos/lead-based paint abatement subcontractor, if the work is subcontracted. The Contractor shall insert in the subcontract a requirement for the asbestos/lead-based paint abatement subcontractor to provide and maintain the insurance required by this paragraph. The Contractor shall maintain a copy of the subcontract's proof of required insurance, and shall make such copy available to the Contracting Officer upon request.

H.42 CERTIFICATES OF COMPLIANCE (SUBMITTALS)

Any Certificates required for demonstrating proof of compliance of materials with specifications requirements shall be executed in four copies. Each certificate shall be signed by an official authorized to certify in behalf of the manufacturing company and shall contain the name and address of the contractor, the project name and location, and the quantity and state or dates of shipment or delivery to which the certificates apply. Copies of laboratory test reports submitted with certificates shall contain the name and address of the testing laboratory and the date or dates of the tests to which the report applies. Certification shall not be construed as relieving the contractor from furnishing satisfactory material, if the material is found not to meet the specific requirement. In addition, approval of the submittals does not relieve the contractor of the responsibility of providing and installing materials as required by the contract, specifications, and task order requirements.

H.43 CONTRACTOR QUALITY CONTROL SYSTEM

The inspection system required by the Contract Clause "Inspection of Construction" shall be in accordance with the following requirements: The Contractor shall provide and maintain an effective quality control program or Contractor inspection system, as required by the Contract Clause entitled "Inspection of Construction," which will assure that all supplies and services required under the contract conform to contract requirements whether constructed or processed by the Contractor, or procured from subcontractors or vendors. The Contractors shall perform or have performed the inspection and tests required to substantiate that all supplies and services conform to drawings, specifications, and contract requirements and shall also perform or have performed all inspection and tests otherwise required by the contract unless the required inspection and/or test is specifically designated to be performed by the Government. The system shall be implemented by the establishment of a quality control organization separate from the Contractor's production or supervisory staff who shall report directly to the Contractor's top management. This organization shall consist of at least one full-time person with sole responsibility for providing continuous inspection of the work to insure compliance with the contract plans and specifications. This organization shall be supplemented by additional quality control personnel as the number of projects increase and/or the dollar value and/or complexity of work increases. The Quality Control Organization personnel shall be a part of the Contractor's staff and not a member of the staff of a subcontractor performing the work. The Contracting Officer reserves the right to have replaced, any member of the Quality Control Staff who in the opinion of the Contracting Officer is not accomplishing their assigned duties (See Section I, "Materials and Workmanship"). The Contractor's inspection system shall be documented, as specified herein, and shall be submitted to the Contracting Officer for review and approval prior to the start of construction and throughout the life of the contract. The Contractor shall notify the Government in writing of any proposed change to his inspection system and changes shall be subject to disapproval if they would, in the opinion of the Contracting Officer, result in nonconformance with the contract requirements.

H.44 FEDERAL GOVERNMENT HOLIDAYS

The Contract employees will not normally be expected to work during Federal holidays. The Government will not pay for services performed on these holidays unless approval has been received from the Contracting Officer's Representative. The Contractor shall observe the same holidays observed by the Government which are: New Year's Day Martin Luther King's Birthday Washington's Birthday Memorial Day Independence Day Labor Day Columbus Day Veterans Day Thanksgiving Day Christmas Day Any additional holiday as established by Executive Order or Public Law

H.45 SAFETY REQUIREMENTS

a. The Contractor is subject to the safety and health standards of both the Occupational Safety and Health Act (OSHA) and the Corps of Engineers General Safety Requirements, EM 385-1-1. Implementation of OSHA provisions rests in the statutory requirement while compliance with EM 385-1-1 is a contractual matter.

b. The offeror should review the accident-prevention clauses of the contract, The Corps of Engineers General Safety Requirements, EM 385-1-1, as amended, referred to therein, and the special and technical provisions applicable to safety. The offeror should assure himself that he has full knowledge of the personal protective equipment (including respiratory equipment) that must be provided workmen, and that he is familiar with medical surveillance and record keeping requirements and with the safety standards applicable to machinery and mechanized equipment, ladders and scaffolds, fire prevention and protection, stripping of concrete forms, cleanup and housekeeping and other safety measures for the prevention of accidents during construction.

H.46 QUALITY CONTROL

The successful offeror for this project will be required to institute a comprehensive Quality Control Program in order to assure himself and the Government that all materials and workmanship are in strict accordance with the provisions of the specifications, as further outlined in "CONTRACTOR QUALITY CONTROL SYSTEM".

H.47 DEVIATION FROM APPROVED MANAGEMENT PERSONNEL

The Contractor shall obtain prior written approval from the Contracting Officer prior to making any changes in his approved management staff set forth in his technical proposal.

H.48 SALVAGEABLE AND REPAIRABLE MATERIALS

a. Material classified by the Contracting Officer or the Contracting Officer's Representative as salvageable shall remain the property of the Government and shall be delivered to the Installation Property Disposal Office.

b. Material classified by the Contracting Officer or the Contracting Officer's Representative as repairable shall be thoroughly cleaned and delivered to the Installation Property Disposal Office.

c. Materials not classified as salvageable or repairable by the Contracting Officer or the Contracting Officer's Representative shall be removed from the site and disposed of off the Installation at no cost to the Government.

d. Prior to commencing, a joint inventory will be conducted by the Contractor, the Contracting Officer's Representative, and Government Inspector during which salvageable, repairable material will be identified. The Contractor will be given a copy of this inventory and will be accountable for this property as indicated above. This joint inventory will in no way limit or preclude the Contracting Officer from designating additional items in the above categories during the life of this contract.

H.49 WARRANTY

a. Equipment Warranty Identification Tags - The Contractor shall provide warranty identification tags on all equipment installed under this contract. Tags and installation shall be in accordance with the requirements outlined below.

(1) General Requirements: The Contractor shall provide warranty identification tags on all Contractor and Government furnished equipment which he has installed.

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(2) Tag Description and Installation: The tags shall be suitable for interior and exterior locations, resistant to solvents, abrasion, and to fading caused by sunlight, precipitation, etc. These tags shall have a permanent pressure sensitive adhesive back, and they shall be installed in a position that is easily (or most easily) noticeable. Contractor furnished equipment that has differing warranties on its components will have each component tagged.

(3) Sample Tags: Sample tags shall be submitted to the Contracting Officer's Authorized Representative for his review and approval. These tags shall be filled out representative of how the Contractor will complete all other tags.

(4) Duplicate Information: If the manufacturer's name, model number and serial number are on the manufacturer's equipment data plate and this data plate is easily found and fully legible, this information need not be duplicated on the equipment warranty tag.

(5) Execution: The Contractor will complete the required information on each tag and install these tags on the equipment by the time of and as a condition of final acceptance of the equipment. The Contractor will schedule this activity in the Contractor progress reporting system. The final acceptance inspection is scheduled based upon notice from the Contractor, thus if the Contractor is at fault in this inspection being delayed, the Contractor will, at his own expense, update the in-service and warranty expiration dates on these tags.

(6) Payment: The work outlined above is a subsidiary portion of the contract work, and has a value to the Government approximating 5% of the value of the Contractor furnished equipment.

(7) Equipment Warranty Tag Replacement: Under the terms of this contract, the Contractor's warranty with respect to work repaired or replaced shall run for one year from the date of repair or replacement. Such activity shall include an update warranty identification tag on the repaired or replaced equipment. The tag shall be furnished and installed by the Contractor, and shall be identical to the original tag, except that the Contractor's warranty expiration date will be one year from the date of acceptance of the repair or replacement.

(8) The Contractor shall obtain all commercial warranties available on the major/minor equipment and turn them over to the Government at the conclusion of the task order. The Contractor shall also prepare a list of the companies which honor the warranties, including names, addresses and telephone numbers.

(b) Construction Warranty

(1) In addition to the commercial warranties described above, and in accordance with the Construction Warranty clause (See Section I) the Contractor shall provide a one-year warranty period on all Installation/modification work accomplished for each task order.

(2) The Contractor shall provide name, address, and telephone numbers of the Contractor's single point of contact for full time (24 hours) answering and response capability, within the local service area of the warranted construction. The local service area is described as within a 180-mile radius of the Installation.

(3) If the Contractor fails to remedy any failure, defect, or damage within 24 hours of notification of the need for remedial action, the Government has the option of taking steps to remedy the failure and billing the Contractor. Where applicable, JCAHO standards shall apply to the issuance and utilization of these warranties.

H.50 CONSTRUCTION SCHEDULES

a. For each task order the Contractor will be required to prepare and submit to the Contracting Officer a practicable schedule as outlined in Section I, "SCHEDULES FOR CONSTRUCTION CONTRACTS". The schedule must include activities for submittal approval, as-built drawings, final clean up and inspection, correction of punchlist items and final payroll submittal and Operation and Maintenance manuals.

b. The Contractor shall utilize a computer software program to generate his construction schedule. Software program shall include all requirements for "Schedule for Construction Contracts", FAR 52.236-15. Construction contract schedules will be submitted both on disk and in paper copy.

H.51 PROBLEM REPORTING

The Contractor shall promptly report to the Contracting Officer Representative (COR) all construction problems or design deficiencies encountered during construction. Report will include recommended solutions or alternatives. The reporting is to be done on a form provided by the Contractor. This may be called a Corrective Action Request (CAR), Request for Information (or Instruction) (RFI) or whatever title the Contractor desires as long as the form and title are acceptable to the COR.

H.52 INSTALLATION DESIGN GUIDE

The Installation Design Guide (IDG) provides guidance which, when applied to the planning, programming, design, and execution of individual projects, will result in improving and maintaining the quality of the visual environment of the Installation.

H.53 BONDS

(a) Bonds listed below are required when the bid amount exceeds \$25,000. The name and business address of the surety shown on the executed bond forms submitted in response to this solicitation must be the same as the name and business address listed for the surety in Department of Treasury Circular 570. Any offeror required to furnish a bond has an option to furnish such bond in the form of a firm commitment with good and sufficient surety or sureties acceptable to the Government, such as Standard Form 24 (for Bid Bond); Standard Form 25 (for Performance Bond); Standard Form 25-A (for Payment Bond); postal money order, certified check, cashier's check, bank draft, irrevocable letter of credit, or, under Treasury Department regulations, certain bonds or notes of the United States.

(b) Bid Bonds. Each offeror shall submit with his offer a Bid Bond on Standard Form 24 with good and sufficient surety or sureties acceptable to the Government, or other security as provided in Section I, BID GUARANTEE, in the amount of the guarantee minimum.

NOTE: Offerors shall submit with the bid bond a letter of confirmation from their surety which indicates the surety's intent to provide performance and payment bonds as required elsewhere in this solicitation.

(c) Performance and Payment Bond. Within ten (10) days after notification of award of the contract, the contractor shall execute and furnish two bonds, each with good and sufficient surety or sureties acceptable to the Government, namely a performance bond and a payment bond. (Standard Form 25, Performance Bond, and Standard Form 25-A, Payment Bond, may be obtained from the RFP issuing office for execution by the contractor). Any bonds furnished shall be furnished by the Contractor to the Government prior to commencement of contract performance. The penal sums of such bonds will be as follows:

(1) Performance Bonds. The penal sum of the performance bond shall equal 100% of the guarantee minimum. Additional performance bonds as allowed by Section I, ADDITIONAL BOND SECURITY, shall be acquired by the Contractor to meet the requirement of all task orders issued. All Performance Bonds cost are included within the Contractor's coefficient.

(2) Payment Bonds. The penal sum of the payment bond shall equal 100% of the guarantee minimum. Additional payment bonds as allowed by Section I, ADDITIONAL BOND SURITY, shall be acquired by the Contractor to meet the requirement of all task orders issued. All Payment Bonds cost are included within the Contractor's coefficient.

(3) The Contractor shall provide documentation for bonding on all task orders within ten (10) days after notification of award of the task order.

(d) Notwithstanding contract clause Section I, PAYMENTS UNDER FIXED PRICE CONSTRUCTION CONTRACT, paragraph (9), the Government will not reimburse the Contractor initially for the amount of premiums paid for the Performance and Payment Bonds. This payment will be made upon the issuance of task orders equaling the penal sum of the outstanding bonds.

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FAILURE TO INCLUDE BID BOND OR OTHER BID SECURITY ON TIME MAY BE CAUSE FOR REJECTION OF THE OFFER AS NONRESPONSIVE. LATE BOND OR OTHER SECURITY WILL BE TREATED IN THE SAME MANNER AS PROVIDED IN THIS RFP FOR LATE BIDS. FACSIMILE BONDS ARE NOT ACCEPTABLE

END OF SECTION H

ACCOMPANYING AMENDMENT NO. 0004 TO SOLICITATION NO. DACA63-01-R-0014

General Decision Number WA010002

Superseded General Decision No. WA000002

State: Washington

**Construction Type:
BUILDING**

County(ies):

CHELAN	KITSAP	PIERCE
CLALLAM	KITTITAS	SNOHOMISH
GRAYS HARBOR	LEWIS	THURSTON
JEFFERSON	MASON	
KING	PACIFIC	

BUILDING CONSTRUCTION PROJECTS (does not include residential construction consisting of single family homes and apartments up to and including 4 stories)

Modification Number	Publication Date
0	03/02/2001
1	03/09/2001
2	03/16/2001
3	03/30/2001
4	04/06/2001
5	04/20/2001
6	05/11/2001
7	06/01/2001
8	06/15/2001
9	06/22/2001
10	07/06/2001
11	08/03/2001
12	08/31/2001
13	09/28/2001
14	10/19/2001
15	11/02/2001
16	11/16/2001
17	12/14/2001
18	12/28/2001
19	01/04/2002

COUNTY(ies):

CHELAN	KITSAP	PIERCE
CLALLAM	KITTITAS	SNOHOMISH
GRAYS HARBOR	LEWIS	THURSTON
JEFFERSON	MASON	
KING	PACIFIC	

ASBE0007A 08/01/2000

	Rates	Fringes
ASBESTOS WORKERS/INSULATORS: (Includes application of all insulating materials, protective coverings, coating and finishes to all types of mechanical systems)	28.54	5.97

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BOIL0242B 10/01/2000		
	Rates	Fringes
CHELAN AND KITTITAS COUNTIES		
BOILERMAKERS	25.32	9.81

* BOIL0502B 01/01/2002		
	Rates	Fringes
CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SNOHOMISH AND THURSTON COUNTIES		
BOILERMAKERS	26.27	12.20

BRWA0001A 06/01/2000		
	Rates	Fringes
CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (northern part), PIERCE, SNOHOMISH AND THURSTON COUNTIES		
BRICKLAYERS	29.13	6.74

BRWA0001F 05/01/2000		
	Rates	Fringes
PACIFIC COUNTY (SOUTHERN PART)		
BRICKLAYERS	24.94	8.03
MARBLE MASONS	25.94	8.03

BRWA0001G 05/01/1997		
	Rates	Fringes
PACIFIC (SOUTHERN PORTION) COUNTY		
TILE SETTER AND TERRAZZO WORKERS	22.18	5.82
TILE AND TERRAZZO FINISHERS	16.77	4.27

BRWA0001H 06/01/1999		
	Rates	Fringes
CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTHERN HALF), PIERCE, THURSTON AND SNOHOMISH COUNTIES		
TILE AND TERRAZZO WORKERS	24.92	6.06
TILE AND TERRAZZO FINISHERS	19.55	5.56

BRWA0003A 06/01/1999		
	Rates	Fringes
CHELAN AND KITTITAS COUNTIES		
BRICKLAYERS	22.36	7.06

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BRWA0003E 07/01/2000		
	Rates	Fringes
CLELAN AND KITTITAS		
TILE AND TERRAZZO FINISHERS	14.70	5.83

BRWA0003F 07/01/2000		
	Rates	Fringes
CLELAN AND KITTITAS		
TERRAZZO WORKERS & TILE LAYER	18.50	5.83

CARP0770E 12/01/2001		
	Rates	Fringes
WESTERN WASHINGTON: CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH), PIERCE, SNOHOMISH AND THURSTON COUNTIES		
CARPENTERS AND DRYWALL APPLICATORS	27.54	7.61
CARPENTERS ON CREOSOTE MATERIAL	27.64	7.61
INSULATION APPLICATORS	25.09	7.61
SAWFILERS, STATIONARY POWER SAW OPERATORS, FLOOR FINISHER, FLOOR LAYER, SHINGLER, FLOOR SANDER OPERATORS OF OTHER STATIONARY WOOD WORKING TOOLS	27.67	7.61
MILLWRIGHT AND MACHINE ERECTORS	28.54	7.61
ACOUSTICAL WOKRERS	27.70	7.61
PILEDRIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING	27.74	7.61
PILDRIVER, BRIDGE DOCK & WHARF CARPENTERS	27.54	7.61
DIVERS	67.96	7.61
DIVERS TENDER	30.24	7.61

(HOURLY ZONE PAY APPLICABLE TO ALL CLASSIFICATIONS EXCEPT
MILLWRIGHT AND PILEDRIVER)

Hourly Zone Pay shall be paid on jobs located outside
of the free zone computed from the city center of the
following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

	Zone Pay	
0 -25	radius miles	Free

ACCOMPANYING AMENDMENT NO. 0004 TO SOLICITATION NO. DACA63-01-R-0014

25-35	radius miles	\$1.00/hour
35-45	radius miles	\$1.15/hour
45-55	radius miles	\$1.35/hour
Over 55	radius miles	\$1.55/hour

(HOURLY ZONE PAY - MILLWRIGHTS AND PILEDRIVERS ONLY)

Hour Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

	Zone Pay	
0 -25	radius miles	Free
25-45	radius miles	\$.70/hour
Over 45	radius miles	\$1.50/hour

Millwrights and Piledrivers who reside in Aberdeen, Bellingham, Port Angeles, Mount Vernon, Olympia, Wenatchee, or Yakima Local Union jurisdiction areas, working on jobs in their respective area, shall have their Zone Pay measured from their respective city center

CENTRAL WASHINGTON: CHELAN AND KITTITAS COUNTIES

CARPENTERS AND DRYWALL APPLICATORS	20.72	7.47
CARPENTERS ON CREOSOTED MATERIALS	20.82	7.47
INSULATION APPLICATORS	20.72	7.47
SAWFILER, STATIONARY POWER SAW OPERATORS, FLOOR FINISHER, FLOOR LAYER, SHINGLERS, FLOOR SANDER OPERATOR AND OPERATORS OF OTHER STATIONARY WOOD WORKING TOOLS	20.85	7.47
MILLWRIGHTS AND MACHINE ERECTORS	28.22	7.47
ACCOUSTICAL WORKERS	20.98	7.47
PILDRIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING, OR CREOSOTE TREATED MATERIAL, ALL PILING	27.22	7.47
PILEDRIVER, BRIDGE DOCK & WHARF CARPENTERS	27.42	7.47
DIVERS	67.18	7.47
DIVERS TENDER	29.89	7.47

 CARP9003A 06/01/2000

	Rates	Fringes
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PACIFIC COUNTY (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean, and thence north through the natural waterway to the Pacific Ocean (this will include the entire peninsula west of Willapa Bay)

SEE ZONE DESCRIPTION FOR CITIES BASE POINTS

ZONE 1:

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CARPENTERS	25.61	7.08
DRYWALL, ACOUSTICAL & LATHERS	25.61	7.08
FLOOR LAYERS & FLOOR FINISHERS (the laying of all hardwood floors nailed and mastic set, parquet and wood-type tiles, and block floors, the sanding and finishing of floors, the prepara- tion of old and new floors when the materials mentioned above are to be installed; INSULATORS (fiberglass and similar irritating material)	25.76	7.08
MILLWRIGHTS	26.11	7.08
PILEDRIVERS	26.11	7.08
DIVERS	60.81	7.08
DIVERS TENDERS	28.02	7.08

Zone Differential (Add to Zone 1 rates):

- Zone 2 - \$0.85
- Zone 3 - 1.25
- Zone 4 - 1.70
- Zone 5 - 2.00
- Zone 6 - 3.00

BASEPOINTS: GOLDENDALE, LONGVIEW, AND VANCOUVER

- ZONE 1: Projects located within 30 miles of the respective city hall of the above mentioned cities
- ZONE 2: Projects located more than 30 miles and less than 40 miles of the respective city of the above mentioned cities
- ZONE 3: Projects located more than 40 miles and less than 50 miles of the respective city of the above mentioned cities
- ZONE 4: Projects located more than 50 miles and less than 60 miles of the respective city of the above mentioned cities.
- ZONE 5: Projects located more than 60 miles and less than 70 miles of the respective city of the above mentioned cities
- ZONE 6: Projects located more than 70 miles of the respected city of the above mentioned cities

* ELEC0046B 12/31/2001

	Rates	Fringes
CALLAM, JEFFERSON, KING AND KITSAP COUNTIES		
ELECTRICIANS	31.50	3%+8.88
CABLE SPLICERS	34.65	3%+8.88

ELEC0046C 06/01/2001

	Rates	Fringes
CALLAM, JEFFERSON, KING, KITSAP COUNTIES		

ACCOMPANYING AMENDMENT NO. 0004 TO SOLICITATION NO. DACA63-01-R-0014

SOUND AND COMMUNICATION
TECHNICIAN

20.11

4.59

SCOPE OF WORK

Includes the installation, testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound vision and digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, fire alarms and life safety systems (hang, terminate devices and panels and to conduct functional and systems tests), and low voltage master clock systems.

WORK EXCLUDED

Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems.

Energy management systems.

SCADA (Supervisory Control and Data Acquisition) when not intrinsic to the above listed systems (in the scope).

ELEC0076A 07/01/2001

	Rates	Fringes
GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, THURSTON COUNTIES		
ELECTRICIANS	28.29	3%+10.32
CABLE SPLICERS	31.12	3%+10.32

ELEC0076D 06/01/2000

	Rates	Fringes
GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE AND THURSTON COUNTIES		
SOUND AND COMMUNICATIONS		
TECHNICIAN	18.59	5.24

SCOPE OF WORK

Includes the installation, testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms and low voltage master clock systems.

A. Communication systems that transmit or receive

information and/or control systems that are intrinsic to the above listed systems

- SCADA (Supervisory control/data acquisition
- PCM (Pulse code modulation)
- Inventory control systems
- Digital data systems
- Broadband & baseband and carriers
- Point of sale systems
- VSAT data systems
- Data communication systems
- RF and remote control systems
- Fiber optic data systems

B. Sound and Voice Transmission/Transference Systems

- Background-Foreground Music
- Intercom and Telephone Interconnect Systems
- Sound and Musical Entertainment Systems
- Nurse Call Systems
- Radio Page Systems
- School Intercom and Sound Systems
- Burglar Alarm Systems
- Low-Voltage Master Clock Systems
- Multi-Media/Multiplex Systems
- Telephone Systems
- RF Systems and Antennas and Wave Guide

C. *Fire Alarm Systems-installation, wire pulling and testing.

D. Television and Video Systems

- Television Monitoring and Surveillance Systems
- Video Security Systems
- Video Entertainment Systems
- Video Educational Systems

- Microwave Transmission Systems
- CATV and CCTV

E. Security Systems

- Perimeter Security Systems
- Vibration Sensor Systems
- Sonar/Infrared Monitoring Equipment
- Access Control Systems
- Card Access Systems

*Fire Alarm Systems

1. Fire Alarms-In Raceways
 - a. Wire and cable pulling, in raceways, performed at the current electrician wage rate and fringe benefits.
 - b. Installation and termination of devices, panels, startup, testing and programming performed by the technician.
 2. Fire Alarms-Open Wire Systems
 - a. Open wire systems installed by the technician.
-

ACCOMPANYING AMENDMENT NO. 0004 TO SOLICITATION NO. DACA63-01-R-0014

ELEC0112B 12/01/2000		
	Rates	Fringes
KITTITAS COUNTY		
ELECTRICIANS	27.75	3%+6.93
CABLE SPLICERS	29.14	3%+6.93

ELEC0112G 06/01/2000		
	Rates	Fringes
KITTTITAS COUNTY		
COMMUNICATION & SOUND TECHNICIANS	19.00	4.80

SCOPE OF WORK

The work covered shall include the installation, testing, service and maintenance, of the following systems that utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for TV monitoring and surveillance, background foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms and low voltage master clock systems.

A. Communication systems that transmit or receive information and/or control systems that are intrinsic to the above listed systems

- SCADA (Supervisory control/data acquisition)
- PCM (Pulse code modulation)
- Inventory control systems
- Digital data systems

- Broadband & baseband and carriers
- Point of sale systems
- VSAT data systems
- Data communication systems
- RF and remote control systems
- Fiber optic data systems

B. Sound and Voice Transmission/Transference Systems

- Background-Foreground Music
- Intercom and Telephone Interconnect Systems
- Sound and Musical Entertainment Systems
- Nurse Call Systems
- Radio Page Systems
- School Intercom and Sound Systems
- Burglar Alarm Systems
- Low-Voltage Master Clock Systems
- Multi-Media/Multiplex Systems
- Telephone Systems
- RF Systems and Antennas and Wave Guide

C. *Fire Alarm Systems-installation, wire pulling and testing.

- D. Television and Video Systems
 - Television Monitoring and Surveillance Systems
 - Video Security Systems
 - Video Entertainment Systems
 - Video Educational Systems
 - Microwave Transmission Systems
 - CATV and CCTV

- E. Security Systems
 - Perimeter Security Systems
 - Vibration Sensor Systems
 - Sonar/Infrared Monitoring Equipment
 - Access Control Systems
 - Card Access Systems

*Fire Alarm Systems

1. Fire Alarms-In Raceways
 - a. Wire and cable pulling, in raceways, performed at the current electrician wage rate and fringe benefits.
 - b. Installation and termination of devices, panels, startup, testing and programming performed by the technician.
2. Fire Alarms-Open Wire Systems
 - a. Open wire systems installed by the technician.

ELEC0191A	08/31/2001		
		Rates	Fringes
CHELAN COUNTY			
ELECTRICIANS		26.66	3%+8.03
CABLE SPLICERS		29.33	3%+8.03

ELEC0191E	10/01/2001		
		Rates	Fringes
CHELAN AND SNOHOMISH COUNTIES			
SOUND AND COMMUNICATIONS			
TECHNICIANS		20.50	4.82

SCOPE OF WORK

The work covered shall include the installation, testing, service and maintenance, of the following systems that utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for TV monitoring and surveillance, background foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms and low voltage master clock systems.

A. Communication systems that transmit or receive information and/or control systems that are intrinsic to the above listed systems

SCADA (Supervisory control/data acquisition)
PCM (Pulse code modulation)
Inventory control systems
Digital data systems
Broadband & baseband and carriers
Point of sale systems
VSAT data systems
Data communication systems
RF and remote control systems
Fiber optic data systems

B. Sound and Voice Transmission/Transference Systems

Background-Foreground Music
Intercom and Telephone Interconnect Systems
Sound and Musical Entertainment Systems
Nurse Call Systems
Radio Page Systems
School Intercom and Sound Systems
Burglar Alarm Systems
Low-Voltage Master Clock Systems
Multi-Media/Multiplex Systems
Telephone Systems
RF Systems and Antennas and Wave Guide

C. *Fire Alarm Systems-installation, wire pulling and testing.

D. Television and Video Systems

Television Monitoring and Surveillance Systems
Video Security Systems
Video Entertainment Systems
Video Educational Systems
Microwave Transmission Systems

CATV and CCTV

E. Security Systems

Perimeter Security Systems
Vibration Sensor Systems
Sonar/Infrared Monitoring Equipment
Access Control Systems
Card Access Systems

*Fire Alarm Systems

1. Fire Alarms-In Raceways
 - a. Wire and cable pulling, in raceways, performed at the current electrician wage rate and fringe benefits.
 - b. Installation and termination of devices, panels, startup, testing and programming performed by the technician.
2. Fire Alarms-Open Wire Systems
 - a. Open wire systems installed by the technician.

ELEC0191L 08/31/2000

Rates

Fringes

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SNOHOMISH COUNTY

ELECTRICIANS	28.21	3%+7.23
CABLE SPLICERS	31.03	3%+7.23

 ELEV0019B 10/30/2001

	Rates	Fringes
CHELAN, CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, KITTITAS, LEWIS, MASON, PIERCE, SNOHOMISH AND THURSTON COUNTIES		
ELEVATOR MECHANICS	24.925	7.455+a

FOOTNOTE a: Vacation Pay: 8% with 5 or more years of service, 6% for 6 months to 5 years service. Paid Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Friday after, and Christmas Day.

 ELEV0023B 04/01/2001

	Rates	Fringes
PACIFIC COUNTY		
ELEVATOR MECHANIC	31.845	7.195+a

FOOTNOTE a: Vacation Pay: 8% with 5 or more years of service, 6% for 6 months to 5 years service. Paid Holidays: Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Friday after, and Christmas Day, and New Years Day.

 ENGI0302B 06/01/2001

	Rates	Fringes
CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, KITTITAS, MASON AND SNOHOMISH COUNTIES		

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 95% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

POWER EQUIPMENT OPERATORS:
 Zone 1 (0-25 radius miles):

GROUP 1AAA	29.61	8.38
GROUP 1AA	29.11	8.38
GROUP 1A	28.61	8.38
GROUP 1	28.11	8.38
GROUP 2	27.67	8.38
GROUP 3	27.31	8.38
GROUP 4	25.21	8.38

Zone Differential (Add to Zone 1 rates):
 Zone 2 (26-45 radius miles) - \$.70
 Zone 3 (Over 45 radius miles) - \$1.00

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

ACCOMPANYING AMENDMENT NO. 0004 TO SOLICITATION NO. DACA63-01-R-0014

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader-overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transporters, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler-asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrpers-concrete and carry-all; Service engineer-equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

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GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish machine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

- H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing
- H-2 Class "C" Suit - Base wage rate plus \$.25 per hour.
- H-3 Class "B" Suit - Base wage rate plus \$.50 per hour.
- H-4 Class "A" Suit - Base wage rate plus \$.75 per hour.

ENGI0370I 06/01/2000

	Rates	Fringes
CHELAN (EAST OF THE 120TH MERIDIAN) COUNTY		

ZONE 1:

POWER EQUIPMENT OPERATORS:

GROUP 1A	20.18	5.77
GROUP 1	20.74	5.77
GROUP 2	21.06	5.77
GROUP 3	21.67	5.77
GROUP 4	21.83	5.77
GROUP 5	21.99	5.77
GROUP 6	22.27	5.77
GROUP 7	22.54	5.77
GROUP 8	23.64	5.77

ZONE DIFFERENTIAL (Add to Zone 1 rate): Zone 2 - \$2.00

Zone 1: Within 45 mile radius of Spokane, Moses Lake, Pasco, Washington; Lewiston, Idaho

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Zone 2: Outside 45 mile radius of Spokane, Moses Lake, Pasco, Washington; Lewiston, Idaho

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1A: Boat Operator; Crush Feeder; Oiler; Steam Cleaner

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Drillers Helper (assist driller in making drill rod connections, service drill engine and air compressor, repair drill rig and drill tools; drive drill support truck to and on the job site, remove drill cuttings from around bore hole and inspect drill rig while in operation); Fireman & Heat Tender; Grade Checker; Hydro-seeder, Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Welding Machine

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamper Jack Operator (self-propelled); Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat; Boring Machine (earth); Boring Machine (rock under 8" bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumor, Adams or similar); Generator Plant Engineers (diesel or electric); Gunnite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Tractor (to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills

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(churn, core, calyx or diamond)(Operate drilling machine, drive or transport drill rig to and on job site and weld well casing); Equipment Serviceman, Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Planer Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8" bit)

GROUP 5: Backhoe (under 45,000 gw); Backhoe and Hoe Ram (under 3/4 yd.); Carrydeck & boom truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment (8" bit & over) (Robbins, reverse circulation & similar)(operates drill machine, drive or transport drill rig to and on job site and weld well casing); Hoe Ram; Piledriving Engineers; Paving (dual drum); Railroad Track Liner Operator(self-propelled); Refrigeration Plant Engineer (1000 tons & over); Signalman (Whirleys, Highline Hammerheads or similar)

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers) (Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (Motor Patrol & Attachments, Athey & Huber); Boom Cats (side); Cableway Controller (dispatcher); Clamshell Operator (under 3 yds.); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Draglines (under 3 yds.); Drill Doctor; H.D.Mechanic; H.D. Welder; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.), Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Roller (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all rubber-tired; Screed Operator; Shovel (under 3 yds.); Tractors (D-6 & equivalent & over); Trenching Machines (7 ft. depth & over); Tug Boat Operator; Vactor Guzzler, super sucker

GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds. & over); Blade (finish & bluetop), Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Clamshell Operator (3 yds. & over); Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell and dragline; Derricks & Stifflegs (65 tons & over); Draglines (3 yds. & over); Elevating Belt (Holland type); Heavy Equipment Robotics Operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Ultra High Pressure Waterjet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator; Whirleys & Hammerheads, ALL

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GROUP 8: Cranes (85 tons and over, and all climbing, overhead, rail and tower); Loaders (overhead and front-end, 10 yards and over); Helicopter Pilot

BOOM PAY: (All Cranes, Including Tower)
 180' to 250' \$.30 over scale
 Over 250' \$.60 over scale

NOTE: In computing the length of the boom on Tower Cranes, they shall be measured from the base of the tower to the point of the boom.

HAZMAT: Anyone working on HAZMAT jobs, working with supplied air shall receive \$1.00 an hour above classification.

 ENGI0612B 06/01/2001

Rates Fringes

LEWIS, PIERCE, PACIFIC (portion lying north of a parallel line extending west from the northern boundary of Wahkaikum County to the sea) AND THURSTON COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

POWER EQUIPMENT OPERATORS:

Zone 1 (0-25 radius miles):

GROUP 1AAA	29.16	8.38
GROUP 1AA	29.11	8.38
GROUP 1A	28.61	8.38
GROUP 1	28.11	8.38
GROUP 2	27.67	8.38
GROUP 3	27.31	8.38
GROUP 4	25.21	8.38

Zone Differential (Add to Zone 1 rates):

- Zone 2 (26-45 radius miles) = \$.70
- Zone 3 (Over 45 radius miles) - \$1.00

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes- 200 tons to 300 tons, or 250 ft of boom (including jib with attachments; Tower crane over 175 ft in height, base to boom)

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

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GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader-overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self-propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox-Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler-asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.

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2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.

3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing

H-2 Class "C" Suit - Base wage rate plus \$.25 per hour.

H-3 Class "B" Suit - Base wage rate plus \$.50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$.75 per hour.

 * ENGI0701H 01/01/2002

	Rates	Fringes
CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHIAKUM COUNTIES		

POWER EQUIPMENT OPERATORS (See Footnote A)

ZONE 1:

GROUP 1	28.55	8.95
GROUP 1A	29.98	8.95
GROUP 1B	31.41	8.95
GROUP 2	27.34	8.95
GROUP 3	27.60	8.95
GROUP 4	26.09	8.95
GROUP 5	25.50	8.95
GROUP 6	23.20	8.95

Zone Differential (add to Zone 1 rates):

Zone 2 - \$1.50

Zone 3 - 3.00

For the following metropolitan counties: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED:

All jobs or projects located in Multnomah, Clackamas and Marion Counties, West of the western boundary of Mt. Hood National Forest and West of Mile Post 30 on Interstate 84 and West of Mile Post 30 on State Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or projects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens "Blast Zone" shall receive Zone I pay for all classifications.

All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the Portland

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City Hall, but outside the identified border above, shall receive Zone III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE; GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

All jobs or projects located more than 30 miles and less than 50 miles from the respective city hall of the above mentioned cities shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the respective city hall of the above mentioned cities shall receive Zone III pay for all classifications.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: CONCRETE: Batch Plant and/or Wet Mix Operator, three units or more; CRANE: Helicopter Operator, when used in erecting work; Whirley Operator, 90 ton and over; LATTICE BOOM CRANE: Operator 200 tons through 299 tons, and/or over 200 feet boom; HYDRAULIC CRANE: Hydraulic Crane Operator 90 tons through 199 tons with luffing or tower attachments; FLOATING EQUIPMENT: Floating Crane, 150 ton but less than 250 ton

GROUP 1A: CRANE: Hydraulic Operator, 200 tons and over (with luffing or tower attachment); LATTICE BOOM CRANE: Operator, 200 tons through 299 tons, with over 200 feet boom; FLOATING EQUIPMENT: Floating Crane 250 ton and over

GROUP 1B: LATTICE BOOM CRANE: Operator, 300 tons through 399 tons with over 200 feet boom; Operator 400 tons and over; FLOATING EQUIPMENT: Floating Crane 350 ton and over

GROUP 2: ASPHALT: Asphalt Plant Operator (any type); Roto Mill, pavement profiler, operator, 6 foot lateral cut and over; BLADE: Auto Grader or "Trimmer" (Grade Checker required); Blade Operator, Robotic; BULLDOZERS: Bulldozer operator over 120,000 lbs and above; Bulldozer operator, twin engine; Bulldozer Operator, tandem, quadnine, D10, D11, and similar type); Bulldozer Robotic Equipment (any type); CONCRETE: Batch Plant and/or Wet Mix Operator, one and two drum; Automatic Concrete Slip Form Paver Operator; Concrete Canal Line Operator; Concrete Profiler, Diamond Head; CRANE: Cableway Operator, 25 tons and over; HYDRAULIC CRANE: Hydraulic crane Operator 50 tons through 89 tons (with luffing or tower attachment); hydraulic crane operator 90 tons through 199 tons (with luffing or tower attachment); TOWER/WHIRLEY OPERATOR: Tower Crane Operator; Whirley Operator, under 90 tons; LATTICE BOOM CRANE: 90 through 199 tons and/or 150 to 200 feet boom; CRUSHER: Crusher Plant Operator; FLOATING EQUIPMENT: Floating Clamshell, etc.operator, 3 cu. yds. and over; Floating Crane (derrick barge) Operator, 30 tons but less than 150 tons; LOADERS: Loader Operator, 6 cu. yds. but less than 12 cu. yds.; Loader Operator,

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12 cu. yds. and over; Loader 120,000 lbs. and above;
REMOTE CONTROL: Remote controlled earth-moving equipment (no one operator shall operate more than two pieces of earth-moving equipment at one time); RUBBER-TIRED SCRAPERS: Rubber-tired Scraper Operator, with tandem scrapers, multi-engine; SHOVEL, DRAGLINE, CLAMSHELL, BACKHOE, SKOOPER OPERATOR: Shovel, etc., 3 cu. yds., but less than 5 cu. yds.; Shovel, etc., 5 cu. yds. and over; TRENCH MACHINE: Wheel Excavator, under 750 cu. yds. per hour (Grade Oiler required); Canal Trimmer (Grade Oiler required); Wheel Excavator, over 750 cu. yds. per hour (two Operators and at least one Grade Oiler required); Band Wagon (in conjunction with wheel excavator); UNDERWATER EQUIPMENT: Underwater Equipment Operator, remote or otherwise; HYDRAULIC HOES EXCAVATOR: Excavator over 130,000 lbs.

GROUP 3: LATTICE BOOM CRANES: Lattice Boom Crane-50 through 89 tons (and less than 150 feet boom); FORKLIFT: Rock Hound Operator; HYDRAULIC HOES EXCAVATOR: excavator over 80,000 lbs. through 130,000 lbs.; LOADERS: Loader operator 60,000 and less than 120,000; RUBBER-TIRED SCRAPERS: Scraper Operator, with tandem scrapers; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Shovel, Dragline, Clamshell operators 3 cu. yds. but less than 5 cu yds.; Self Loading, paddle wheel, auger type, finish and/or 2 or more units; BULLDOZERS: Bulldozer operator over 70,000 lbs. up to and including 120,000

GROUP 4: ASPHALT: Blade Operator; Blade Operator, finish; Screed Operator; Asphalt Paver Operator (Screed man required); Diesel-Electric engineer, Plant; Roto-Mill, pavement profiler, operator, under six foot lateral cut; BLADE: Blade Operator, externally controlled by electronic, mechanical hydraulic means; Blade operator, multi-engine; BULLDOZERS: Bulldozer Operator over 20,000 lbs and more than 100 horse up to 70,000 lbs; Drill Cat Operator; Side-boom Operator; Cable-Plow Operator (any type); CLEARING: Log Skidders; Chippers; Incinerator; Stump Splitter (loader mounted or similar type); Stump Grinder (loader mounted or similar type; Tub Grinder; Land Clearing Machine (Track mounted forestry mowing & Grinding machine); Hydro Axe (loader mounted or similar type); COMPACTORS SELF PROPELLED: Compactor Operator, with blade; Compactor Operator, multi-engine; Compactor Operator, robotic; CONCRETE: Mixer Mobile Operator; Screed Operator; Concrete Cooling Machine Operator; Concrete Paving Road Mixer; Concrete Breaker; Reinforced Tank Banding Machine (K-17 or similar types); Laser Screed; CRANE: Chicago boom and similar types; Lift Slab Machine Operator; Boom type lifting device, 5 ton capacity or less; Hoist Operator, two (2) drum; Hoist Operator, three (3) or more drums; Derrick Operator, under 100 ton; Hoist Operator, stiff leg, guy derrick or similar type, 50 ton and over; Cableway Operator up to twenty (25) ton; Bridge Crane Operator, Locomotive, Gantry, Overhead; Cherry Picker or similar type crane hoist five (5) ton capacity or less; Hydraulic Crane Operator, under 50 tons; LATTICE BOOM CRANE OPERATOR: Lattice Boom Crane Operator, under 50 tons; CRUSHER: Generator Operator; Diesel-Electric Engineer; Grizzley Operator; DRILLING: Drill Doctor; Boring Machine Operator; Driller-Perussion, Diamond, Core, Cable, Rotary and similar type; Cat Drill (John Henry); Directional Drill Operator over

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20,000 lbs pullback; FLOATING EQUIPMENT: Diesel-electric Engineer; Jack Operator, elevating barges, Barge Operator, self-unloading; Piledriver Operator (not crane type) (Deckhand required); Floating Clamshell, etc. Operator, under 3 cu. yds. (Fireman or Diesel-Electric Engineer required); Floating Crane (derrick barge) Operator, less than 30 tons; GENERATORS: Generator Operator; Diesel-electric Engineer; GUARDRAIL EQUIPMENT: Guardrail Punch Operator (all types); Guardrail Auger Operator (all types); Combination Guardrail machines, i.e., punch auger, etc.; HEATING PLANT: Surface Heater and Planer Operator; HYDRAULIC HOES EXCAVATOR: Robotic Hydraulic backhoe operator, track and wheel type to up to including 20,000 lbs. with any or all attachments; Excavator Operator over 20,000 lbs through 80,000 lbs.; LOADERS: Belt Loaders, Kolman and Ko Cal types; Loaders Operator, front end and overhead, 25,000 lbs and less than 60,000 lbs; Elevating Grader Operator by Tractor operator, Sierra, Euclid or similar types; PILEDRIVERS: Hammer Operator; Piledriver Operator (not crane type); PIPELINE, SEWER WATER: Pipe Cleaning Machine Operator; Pipe Doping Machine Operator; Pipe Bending Machine Operator; Pipe Wrapping Machine Operator; Boring Machine Operator; Back Filling Machine Operator; REMOTE CONTROL: Concrete Cleaning Decontamination Machine Operator; Ultra High Pressure Water Jet Cutting Tool System Operator/Mechanic; Vacuum Blasting Machine Operator/mechanic; REPAIRMEN, HEAVY DUTY: Diesel Electric Engineer (Plant or Floating); Bolt Threading Machine operator; Drill Doctor (Bit Grinder); H.D. Mechanic; H.D. Welder; Machine Tool Operator; Combination H.D. Mechanic-Welder, when dispatched and/or when required to do both; Welder-Certified, when dispatched and/or required; RUBBER-TIRED SCRAPERS: Rubber-tired Scraper Operator, single engine, single scraper; Self-loading, paddle wheel, auger type under 15 cu. yds.; Rubber-tired Scraper Operator, twin engine; Rubber-tired Scraper Operator, with push-pull attachments; Self Loading, paddle wheel, auger type 15 cu. yds. and over, single engine; Water pulls, water wagons; SHOVEL, DRAGLINE, CLAMSHELL, BACKHOE, SKOOPER OPERATOR: Diesel Electric Engineer; Stationary Drag Scraper Operator; Shovel, Dragline, Clamshell, Operator under 3 cu yds.; Grade-all Operator; Shovel, Dragline, Clamshell, Operator 3 cu yds, but less than 5 cu yds.

GROUP 5: ASPHALT: Extrusion Machine Operator; Roller Operator (any asphalt mix); Asphalt Burner and Reconditioner Operator (any type), 84; Roto-Mill, pavement profiler, ground man BULLDOZERS: Bulldozer operator, 20,000 lbs. or less or 100 horse or less; COMPRESSORS: Compressor Operator any power), over 1,250 cu. ft. total capacity; COMPACTORS: Compactor Operator, including vibratory; Wagner Pactor Operator or similar type (without blade); CONCRETE: Combination mixer and Compressor Operator, gunite work; Concrete Batch Plant Quality Control Operator; Beltcrete Operator; Pumpcrete Operator (any type); Pavement Grinder and/or Grooving Machine Operator (riding type); Cement Pump Operator, Fuller-Kenyon and similar; Concrete Pump Operator; Grouting Machine Operator; Concrete mixer operator, single drum, under five (5) bag capacity; Concrete Mixer Operator, single drum, under 5 bag capacity and over; Cast place pipe laying machine; Maginnis Internal Full Slab Vibrator Operator; Concrete Finishing machine Operator, Clary, Johnson, Bidwell, Burgess

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bridge deck or similar type; Curb Machine Operator, mechanical Berm, Curb and/or Curb and Gutter; Concrete Joint Machine Operator; Concrete Planer Operator; Tower Mobile Operator; Power Jumbo Operator setting slip forms; Slip Form Pumps, power driven hydraulic lighting device for concrete forms; Concrete Paving Machine Operator; Concrete Finishing Machine Operator; Concrete Spreader Operator; CRANE: Helicopter Hoist Operator; Hoist Operator, single drum; Elevator Operator; A-frame Truck Operator, Double drum; Boom Truck Operator; HYDRAULIC CRANE OPERATOR: Hydraulic Boom Truck, Pittman; DRILLING: Churn Drill and Earth Boring Machine Operator; Directional Drill Operator over 20,000 lbs pullback; FLOATING EQUIPMENT: Fireman; FORKLIFT: Lull Hi-Lift Operator or similar type; Fork Lift, over 5 ton and/or robotic; HYDRAULIC HOES EXCAVATORS: Hydraulic Backhoe Operator, wheel type (Ford, John Deere, Case type); Hydraulic Backhoe Operator track type up to and including WHEEL 20,000 lbs.; LOADERS: Loaders, rubber-tired type, less than 25,000 lbs; Elevating Grader Operator, Tractor Towed requiring Operator or Grader; OILERS: Service Oiler (Greaser); PIPELINE, SEWER WATER: Hydraulic Pipe Press Operator; Hydra Hammer or similar types; Pavement Breaker Operator; PUMPS: Pump Operator, more than 5 (any size); Pot Rammer Operator; RAILROAD EQUIPMENT: Locomotive Operator, under 40 tons; Ballast Regulator Operator; Ballast Tamper Multi-Purpose Operator; Track Liner Operator; Tie Spacer Operator; Shuttle Car Operator; Locomotive Operator, 40 tons and over; SWEEPER: Sweeper operator (Wayne type) self propelled

GROUP 6: ASPHALT: Plant Oiler; Plant Fireman; Pugmill Operator (any type); Truck mounted asphalt spreader, with screed; COMPRESSORS: Compressor Operator (any power), under 1,250 cu. ft. total capacity; CONCRETE: Plant Oiler, Assistant Conveyor Operator; Conveyor Operator; Mixer Box Operator (C.T.B., dry batch, etc.); Cement Hog Operator; Concrete Saw Operator; Concrete Curing Machine Operator (riding type); Wire Mat or Brooming Machine Operator; CRANE: Oiler; Fireman, all equipment; Truck Crane Oiler Driver; A-frame Truck Operator, single drum; Tugger or Coffin Type Hoist Operator; CRUSHER: Crusher Oiler; Crusher Feeder; DRILLING: Drill Tender; Auger Oiler; FLOATING EQUIPMENT: Deckhand; Boatman; FORKLIFT: Self-propelled Scaffolding Operator, construction job site (exclduing working platform); Fork Lift or Lumber Stacker Operator, construction job site; Ross Carrier Operator, construction job site; GUARDRAIL EQUIPMENT: Oiler; Auger Oiler; Oiler, combination guardrail machines; Guardrail Punch Oiler; HEATING PLANT: Temporary Heating Plant Operator; LOADERS: Bobcat, skid steer (less than 1 cu yd.); Bucket Elevator Loader Operator, BarberGreene and similar types; OILERS: Oiler; Guardrail Punch Oiler; Truck Crane Oiler-Driver; Auger Oiler; Grade Oiler, required to check grade; Grade Checker; PIPELINE SEWER WATER: Tar Pot Fireman; Tar Pot Fireman (power agitated); PUMPS: Pump Operator (any power); Hydrostatic Pump Operator; RAILROAD EQUIPMENT: Brakeman; Oiler; Switchman; Motorman; Ballast Jack Tamper Operator; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER, ETC. OPERATOR: Oiler, Grade Oiler (required to check grade); Grade Checker; Fireman; SWEEPER: Broom operator, self propelled, construction job site

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FOOTNOTE A: HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outline in the specific hazardous waste project site safety plan.

- H 1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing.
- H 2 Class "C" Suit Basic hourly wage rate plus \$1.00 per hour, fringes plus \$0.15.
- H 3 Class "B" Suit Basic hourly wage rate plus \$1.50 per hour, fringes plus \$0.15
- H 4 Class "A" Suite Basic hourly wage rate plus \$2.00 per hour, fringes plus \$0.15

IRON0086A	07/01/2001		
		Rates	Fringes
IRONWORKERS		25.82	11.35

LABO0001I	06/01/2001		
		Rates	Fringes
CHELAN AND KITTITAS COUNTIES			
LABORERS:			
ZONE 1:			
GROUP 1		14.46	5.80
GROUP 2		16.78	5.80
GROUP 3		18.50	5.80
GROUP 4		18.98	5.80
GROUP 5		19.34	5.80

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
 ZONE 2 - \$.70
 ZONE 3 - \$1.00

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE,
 AND YAKIMA

- ZONE 1 - Projects within 25 radius miles of the respective city hall
- ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
- ZONE 3 - More than 45 radius miles from the respective city hall

CALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary of Wahkiakum County west to the Pacific Ocean), PIERCE, SNOHOMISH AND THURSTON COUNTIES

LABORERS:			
ZONE 1:			
GROUP 1		16.92	5.80
GROUP 2		19.24	5.80
GROUP 3		23.92	5.80
GROUP 4		24.40	5.80

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LABO0238I 06/01/2001		
	Rates	Fringes
CHELAN COUNTY		
HOD CARRIERS	21.35	5.00

LABO0335C 06/01/2001

	Rates	Fringes
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PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean) COUNTY

ZONE 1:

LABORERS:

GROUP 1	22.27	6.75
GROUP 2	22.77	6.75
GROUP 3	23.15	6.75
GROUP 4	23.47	6.75
GROUP 5	20.12	6.75
GROUP 6	18.06	6.75
GROUP 7	15.36	6.75

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Plant Laborers; Asphalt Spreaders; Batch Weighman; Broomers; Brush Burners and Cutters; Car and Truck Loaders; Carpenter Tender; Change-House Man or Dry Shack Man; Choker Setter; Clean-up Laborers; Curing-concrete; Demolition, Wrecking, and Moving Laborers; Dumpers, road oiling crew; Dumpmen (for grading crew); Elevator Feeders; Guard Rail, Median Rail, Reference Post, Guide Post, Right-of-way Marker; Fine Graders; Fire Watch; Form Strippers (not swinging stages); General Laborers; Hazardous Waste Worker; Leverman or Aggregate Spreader (Flaherty and similar types); Loading Spotters; Material Yard Man (including electrical); Pittsburgh Chipper Operator or similar types; Railroad Track Laborers; Ribbon Setters (including steel forms); Rip Rap Man (hand placed); Road Pump Tender; Sewer Laborer; Signalman; Skipman; Slopers; Spraymen; Stake Chaser; Stockpiler; Tie Back Shoring; Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man-Crusher (aggregate when used)

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean up-nozzleman-Green cutter (concrete, rock, etc.); Concrete Laborer; Concrete Power Buggyman; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunitite Nozzleman Tender; Gunitite or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Pipe Doping & Wrapping; Tool Operators (includes but not limited to: Dry pack machine, Jackhammer, Chipping guns, Paving breakers); Post Hole

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Digger, air, gas or electric; Vibrating Screed; Tampers; Sand Blasting (wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bull gang (Underground)

GROUP 3: Asbestos Removal (structural removal only); Bit Grinder; Drill Doctor; Drill Operators, air tracks cat drills, wagon drills, rubber-mounted drills, and other similar types; Concrete Saw Operator; Gunitite Nozzelman; High scalers, strippers and drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (dry); Sewer Timberman; Track Liners; Anchor Machines; Ballast Regulators; Multiple Tampers; Power Jacks; Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timbermen; Vibrator; Water Blaster

GROUP 4: Asphalt Raker; Concrete Saw Operator (walls); Concrete Nozzelman; Grade Checker; Pipelayer; Laser Beam (Tunnel) applicable when assigned to move, set up, align laser beam; Miner-Tunnel; Motorman-dinky Locomotive-Tunnel; Powderman-Tunnel; Shield Operator-Tunnel

GROUP 5: Traffic Flaggers

GROUP 6: Fence Builders

GROUP 7: Landscaping and Planting Laborers

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

- ZONE 2 - \$0.65
- ZONE 3 - 1.15
- ZONE 4 - 1.70
- ZONE 5 - 2.75

ZONE DEFINITIONS

BASE POINTS: GOLDENDALE, LONGVIEW, AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall

ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

LAB00335K 06/01/2001

PACIFIC(south of a straight line made by extending the north boundary of Wahkiakum County west to the Pacific Ocean)

	Rates	Fringes
HOD CARRIERS	24.64	5.61

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PAIN0005A 03/01/2000		
	Rates	Fringes
CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SNOHOMISH AND THURSTON COUNTIES		
PAINTERS	22.94	3.73

PAIN0005C 06/10/2000		
	Rates	Fringes
CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SNOHOMISH AND THURSTON COUNTIES		
DRYWALL FINSIHERS	25.50	7.82

PAIN0005H 07/01/2001		
	Rates	Fringes
CHELAN AND KITTITAS COUNTIES		
PAINTERS:		
BRUSH, PAPERHANGER, STEAM-CLEANING, STRIPING and SPRAY	19.17	4.24
TV, RADIO, ELECTRICAL TRANSMISSION TOWERS	20.92	4.24

PAIN0054G 09/01/2001		
	Rates	Fringes
CHELAN AND KITTITAS COUNTIES		
GLAZIERS	17.32	3.17

PAIN0054I 06/01/1999		
	Rates	Fringes
CHELAN AND KITTITAS COUNTIES		
DRYWALL FINISHER (TAPER)	19.98	4.25

PAIN0055M 01/01/2000		
	Rates	Fringes
PACIFIC COUNTY		
DRYWALL FINSIHERS	24.00	7.60

PAIN0055N 11/01/1999		
	Rates	Fringes
PACIFIC COUNTY		
PAINTERS:		
Brush & Roller	17.10	3.48
Spray and Sandblasting	17.70	3.48

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PLASTERERS	23.91	6.36

PLAS0528B 12/01/2001		
	Rates	Fringes
CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum Count, west to the Pacific Ocean), PIERCE, SNOHOMISH AND THURSTON COUNTIES		
CEMENT MASONS	27.16	8.99

PLUM0032A 06/01/1999		
	Rates	Fringes
CHELAN AND KITTITAS (NORTHERN TIP) COUNTIES		
PLUMBERS AND PIPEFITTERS	23.47	8.67

PLUM0032B 06/01/2001		
	Rates	Fringes
CLALLAM, KING AND JEFFERSON COUNTIES		
PLUMBERS AND PIPEFITTERS	31.38	11.23

PLUM0082D 06/01/2001		
	Rates	Fringes
GRAYS HARBOR, LEWIS, MASON (EXCLUDING NE SECTION), PACIFIC, PIERCE AND THURSTON COUNTIES		
PLUMBERS AND PIPEFITTERS	24.57	14.72

PLUM0265A 06/01/2001		
	Rates	Fringes
SNOHOMISH COUNTY		
PLUMBERS AND PIPEFITTERS:	28.37	10.24

PLUM0598B 06/01/2001		
	Rates	Fringes
KITTITAS (ALL BUT NORTHERN TIP)		
PLUMBERS AND PIPEFITTERS	28.85	11.55

PLUM0631A 06/01/2001		
	Rates	Fringes
MASON (NE SECTION), AND KITSAP COUNTIES		
PLUMBERS/PIPEFITTERS: All new construction, additions,		

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and remodeling of commercial building projects such as: cocktail lounges and taverns, professional buildings, medical clinics, retail stores, hotels and motels, restaurants and fast food types, gasoline service stations, and car washes where the plumbing and mechanical cost of the project is less than \$100,000

14.55 7.98

All other work where the plumbing and mechanical cost of the project is \$100,000 and over

24.65 13.41

ROOF0054A 06/20/2000

CLALLAM, JEFFERSON, KING, KITSAP, MASON AND SNOHOMISH COUNTIES

Rates Fringes

ROOFERS 24.30 6.73

* ROOF0153A 01/01/2002

GRAYS HARBOR, LEWIS, PACIFIC, PIERCE AND THURSTON COUNTIES

Rates Fringes

ROOFERS 23.60 5.84

ROOF0189A 07/01/2001

CHELAN COUNTY

Rates Fringes

ROOFERS 19.05 6.05

ROOF0189E 07/01/2001

KITTITAS COUNTY

Rates Fringes

ROOFERS 17.48 5.60

SFWA0699B 07/01/2001

KING, KITSAP, PIERCE, SNOHOMISH AND THURSTON COUNTIES

Rates Fringes

SPRINKLER FITTERS 31.48 10.95

WA010002 - 1

SHEE0066D 06/01/2000

CHELAN COUNTY

Rates Fringes

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SHEET METAL WORKERS 23.77 6.48

SHEE0066F 06/01/2001

Rates Fringes
 CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON,
 PACIFIC, PIERCE, SNOHOMISH AND THURSTON COUNTIES

SHEET METAL WORKERS 30.26 9.14

SHEE0066M 06/01/2000

Rates Fringes
 KITTITAS COUNTY

SHEET METAL WORKERS 25.43 7.30

TEAM0174B 06/01/2001

Rates Fringes
 CLALLAM, GRAYS HARBOR, JEFFERSON, KING, KITSAP, LEWIS, MASON,
 PACIFIC (North of a straight line made by extending the north
 boundary line of Wahkiakum County west to the Pacific Ocean),
 PIERCE, SNOHOMISH AND THURSTON COUNTIES

TRUCK DRIVERS:

GROUP 1: 24.94 9.12
 GROUP 2: 24.36 9.12
 GROUP 3: 22.08 9.12
 GROUP 4: 18.00 9.12
 GROUP 5: 24.70 9.12

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - "A-frame or Hydralift" trucks and Boom trucks or similar equipment when "A" frame or "Hydralift" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Tournotrailer, Cat DW series, Terra Cobra, Le Tourneau, Westinghouse, Athye Wagon, Eucid Two and Four-Wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump Trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with 16 yards to 30 yards capacity: Over 30 yards \$.15 per hour additional for each 10 yard increment; Explosive Truck (field mix) and similar equipment; Hyster Operators (handling bulk loose aggregates); Lowbed and Heavy Duty Trailer; Road Oil Distributor Driver; Spreader, Flaherty Transit mix used exclusively in heavy construction; Water Wagon and Tank Truck-3,000 gallons and over capacity

GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Tournorockers, Tournowagon, Turnotrailer, Cat. D.W. Series, Terra Cobra, Le Tourneau, Westinghous, Athye wagon, Euclid two and four-wheeled power tractor with trailer and

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similar top-loaded equipment transporting material, Dump trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with less than 16 yards capacity; Flatbed: (Dual Rear Axle); Grease Truck, Fuel Truck, Greaser, Battery Service Man and/or Tire Service Man; Leverman and loader at bunkers and batch plants; Oil tank transport; Scissor, Slurry Truck; Sno-Go and similar equipment; Swampers; Straddler Carrier (Ross, Hyster) and similar equipment; Team Driver; Tractor (small rubber-tired (when used within Teamster jurisdiction); Vacuum truck; Water Wagon and Tank trucks-less than 3,000 gallons capacity; Winch truck; Wrecker, tow truck and similar equipment

GROUP 3 - Flatbed: single rear axle; Pickup sweeper, Pickup Truck (Adjust upward by \$2.00 per hour for onsite work)

GROUP 4 - Escort or pilot driver

GROUP 5 - Mechanic

HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C: +\$.25 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B: +\$.50 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit."

LEVEL A: +\$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

ZONE DIFFERENTIAL

Zone pay will be calculated from the city center of the following listed cities:

BELLINGHAM	CENTRALIA	RAYMOND	OLYMPIA
EVERETT	SHELTON	ANACORTES	BELLEVUE
SEATTLE	PORT ANGELES	MT. VERNON	KENT
TACOMA	PORT TOWNSEND	ABERDEEN	BREMERTON

Zone A - 0 - 25 miles - Free Zone
 Zone B - 25 - 45 miles - \$.70 per hour
 Zone C - Over 45 miles - \$1.00 per hour

TEAM0760F 06/01/2000

CHELAN AND KITTITAS COUNTIES Rates Fringes

(ANYONE WORKING ON HAZMAT JOBS SEE FOOTNOTE A BELOW)

TRUCK DRIVERS:

GROUP 1 19.33 7.50

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GROUP 2	21.97	7.50
GROUP 3	22.08	7.50
GROUP 4	22.41	7.50
GROUP 5	22.52	7.50
GROUP 6	22.68	7.50
GROUP 7	23.22	7.50
GROUP 8	23.64	7.50

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car; Employee Haul; Power Boat Hauling Employees or Material

GROUP 2: Fish Truck; Flat Bed Truck; Fork Lift (3000 lbs. and under); Trailer Mounted Hydro Seeder and Mulcher; Leverperson (loading trucks at bunkers); Seeder & Mulcher; Stationary Fuel Operator; Tractor (small, rubber-tired, pulling trailer or similar equipment)

GROUP 3: Auto Crane (2000 lbs. capacity); Buggy Mobile & Similar; Bulk Cement Tanks & Spreader; Dumptor (6 yds. & under); Flat Bed Truck with Hydraulic System; Fork Lift (3001-16,000 lbs.); Fuel Truck Driver; Steamcleaner & Washer; Power Operated Sweeper; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Straddle Carrier (Ross, Hyster, & similar); Tireperson; Transit Mixers & Truck Hauling Concrete (3 yd. to & including 6 yds.); Trucks, side, end, bottom and articulated end dump (3 yards to and including 6 yds.); Warehouseperson (to include shipping & receiving); Wrecker & Tow Truck

GROUP 4: A-Frame; Burner, Cutter, & Welder; Service Greaser; Trucks, side, end, bottom and articulated end dump (over 6 yds. to & including 12 yds.); Truck Mounted Hydro Seeder; Warehouseperson; Water Tank truck (0-8000 gallons)

GROUP 5: Dumpster (over 6 yds.); Lowboy (50 tons & under); Self-Loading Roll Off; Semi-Truck & Trailer; Tractor with Steer Trailer; Transit Mixers and Trucks Hauling Concrete (over 6 yds. to and including 10 yds.); Trucks, side, end, bottom and articulated end dump (over 12 yds. to & including 20 yds.); Truck-Mounted Crane (with load bearing surface either mounted or pulled)(up to 14 ton); Vacuum Truck (super sucker, guzzler, etc.)

GROUP 6: Flaherty Spreader Box Driver; Flowboys; Fork Lift (over 16,000 lbs.); Dumps (Semi-end); Lowboy (over 50 tons); Mechanic (Field); Transfer Truck and Trailer; Transit Mixers & Trucks Hauling Concrete (over 10 yds. to & including 20 yds.); Trucks, side, end, bottom and end dump (over 20 yds. to & including 40 yds.); Truck and Pup; Tournarocker, DW's & similar with 2 or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater; Water Tank Truck (8,001-14,000 gallons)

GROUP 7: Oil Distributor Driver; Stringer Truck (cable operated trailer); Transit Mixers & Hauling Concrete (over 20 yds.); Truck, side, end, bottom and articulated end dump (over 40 yds. to & including 100 yds.); Truck Mounted Crane (with load bearing

surface either mounted or pulled (16 through 25 tons)

GROUP 8: Prime Movers and Stinger Truck; Trucks, side, end, bottom and articulated end dump (over 100 yds.); Helicopter Pilot Hauling Employees or Materials

Footnote A- Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL D: - \$.25 PER HOUR (This is the lowest level of protection. No respirator is used and skin protection is minimal.

LEVEL C: - \$.50 PER HOUR (This level uses an air purifying respirator or additional protective clothing.

LEVEL B: - \$.75 PER HOUR (Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "spash suit."

LEVEL A: - \$1.00 PER HOUR (this level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

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

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

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

WAGE DETERMINATION APPEALS PROCESS

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

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

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch

of Construction Wage Determinations. Write to:

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

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

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

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

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

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

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

END OF GENERAL DECISION