

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 1

2. AMENDMENT/MODIFICATION NO.

R0002

3. EFFECTIVE DATE

08/11/04

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE

J4P0000

7. ADMINISTERED BY (If other than Item 6)

CODE

W911KB

US ARMY ENGINEER DISTRICT, AK
CEPOA-CT (W911KB)
PO BOX 6898
ELMENDORF AFB, AK 99506-6898

TAMELA PERRY (907)753-5579

US ARMY ENGINEER DISTRICT, AK
NORTHERN ALASKA AREA OFFICE
PO BOX 35066 (BLDG 3025)
FT WAINWRIGHT, ALASKA 99703-0066

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

(X)

9A. AMENDMENT OF SOLICITATION NO.

X

W911KB-04-B-0008

9B. DATED (SEE ITEM 11)

07/20/04

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 13)

CODE 089C4

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.

Offer 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 0 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 ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If required)

PROJECT TITLE AND LOCATION: **NEELY ROAD UTILITIES UPGRADE, FT WAINWRIGHT, ALASKA (FTW269)**

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

(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) 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 (such as changes in paying office, appropriation date, etc). 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 (Specify type of modification and authority)

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.)

BID OPENING DATE IS 20 AUG 04, 2:00 PM, local time, at the US Army Corps of Engineers-Alaska District, 2204 Third St, Elmendor AFB, Alaska

NOTICE TO OFFERORS: PLEASE MARK OUTSIDE OF ENVELOPE IN WHICH BID IS SUBMITTED TO SHOW AMENDMENTS RECEIVED. YOU ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS AMENDMENT ON THE REVERSE SIDE OF STANDARD FORM 1442.

IMPORTANT NOTE: Keep in mind that the base is still under tight security measures and access to non-DOD personnel is limited or restricted and requires extra time to process through the Boniface Gate.

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 (Type or print)

16A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

CONTINUATION SHEET

Amendment No. R0002

Page: 2

a. The following revised drawings are substituted for the superseded drawings. The identifier "AM #2" appears before and after revised drawings as listed in SCR-5.

Drawing No. F-893-40-1, Sheet No.'s C3.20.2.
F-893-40-1, Sheet No.'s C3.20.3

b. The following revised documents are substituted for the superseded documents. The identifier "AM #2" appears before and after new and revised material, except as noted below.

SECTION 00800 SCR-5

SECTION 01015 PARAGRAPH 1.22 TEMPORARY UTILITY REQUIREMENTS

NOTE: Revisions within the following documents do not contain the above referenced identifiers.

c. The following section (including submittal register) is deleted.

NONE

d. The following section (including submittal register) is added.

NONE

e. NOTICE TO OFFERORS: PLEASE MARK OUTSIDE OF ENVELOPE IN WHICH OFFER IS SUBMITTED TO SHOW AMENDMENTS RECEIVED. YOU ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS AMENDMENT ON THE REVERSE SIDE OF STANDARD FORM 1442.

8. Can we assume the fill material under existing pavement meets the specifications for nonfrost susceptible classified Fill? Section 02300 1.2.

A: No. All new fill material is required.

9. Will you accept Insulfoam R-Tech IV as equal of Extruded Polystyrene Insulation? Section 02560 2.2.

A: We assume this question refers to insulating the utilidor, not the pipes. For utilidor application, it must meet specifications including the 60 psi minimum compressive strength requirement.

10. Do we have to remove and replace the signs and Tree's specified or can we excavate around the obstacles?

A: Signs, landscaping and trees specifically noted on plan sheets for removal and replacement must be removed and replaced in kind. Trees and landscaping must be replaced per Specification Section 02930. Trees and signs not specifically noted for removal and replacement may be worked around as long as there are no conflicts or interferences with excavation, fill, backfill, compaction requirements or other construction requirements, otherwise, they must be removed and replaced. All remaining items and trees must be protected at all times as specified in Section 02220, Paragraph 1.6 Protection.

11. C3.32.3 Manhole H5-4-3 shows construct access, Do you want to construct access? If so will you be providing details for construction?

A: Yes. Construct new manhole access for Manhole H5-4-3 per Sections 3 and 4 on sheet S2.04. Provide reinforcing per notes on sheet S2.04. Dowel vertical bars into existing manhole walls a minimum of 6 inches and provide a 90-degree hook on vertical bars to be doweled into existing manhole roof, dowel bars into existing manhole roof a minimum of 6 inches. Epoxy all doweled bars. Provide new ladder per ladder detail on sheet C4.01.

12. S2.03 Table 1 ManHole Doors- Schedule only shows 2 manholes on this contract H5-4-5 and H5-4-6 are these the only manholes you want new access doors for on Neely Rd?

A: No. Provide new access doors for all manhole access openings.

13. I don't see any new venting for manholes on Neely Rd. is this what you want?

A: Yes.

14. Manholes H5-4-3 and H4-5-2 Have old style vents that are being removed on other parts of this contract, but these 2 manholes are keeping the old style, do you want to replace these vents?

A: The "old style vents that are being removed on other parts of this contract", are being removed because those manholes are being demolished and completely re-built. Therefore, new replacement vents are needed. Manholes H5-4-3 and H4-5-2 are not being demolished and re-built. Therefore, the old style vents will remain and new replacement vents are not needed.

15. Ladders – Are we to replace all manhole ladders?

A: No. Provide new ladders where a new or reconstructed manhole access is built, or where an existing ladder is removed or damaged during construction, and at any other locations that may be shown on the drawings.

SECTION 00700a
General Wage Decision AK030001
(Dated (06/13/2003))

Modification Record:

| No. | Publication Date |
|-----|---------------------------|
| 0 | 06/13/2003 |
| 1 | 11/28/2003 |
| 2 | 02/06/2004 |
| 3 | 03/05/2004 |
| 4 | 04/02/2004 |
| 5 | 04/16/2004 |
| 6 | 05/14/2004 |
| 7 | 06/18/2004 |
| 8 | 07/23/2004 ...AM#1 |
| 9 | 08/06/2004 ..AM#2 |

BRS Document Viewer
 General Decision Number: AK030001 08/06/2004

General Decision Number: AK030001 08/06/2004
 Superseded General Decision Number: AK020001
 State: Alaska
 Construction Types: Building and Heavy
 Counties: Alaska Statewide.
 BUILDING AND HEAVY 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 | 06/13/2003 |
| 1 | 11/28/2003 |
| 2 | 02/06/2004 |
| 3 | 03/05/2004 |
| 4 | 04/02/2004 |
| 5 | 04/16/2004 |
| 6 | 05/14/2004 |
| 7 | 06/18/2004 |
| 8 | 07/23/2004 |
| 9 | 08/06/2004 |

ASBE0097-001 01/01/2004

| | Rates | Fringes |
|--|----------|---------|
| Asbestos Workers/Insulator (includes application of all insulating materials protective coverings, coatings and finishings to all types of mechanical systems)... | \$ 29.63 | 9.42 |

ASBE0097-002 01/01/2004

| | Rates | Fringes |
|--|----------|---------|
| Hazardous Material Handler (includes preparation, wetting, stripping, removal scrapping, vacuuming, bagging, and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems)..... | \$ 26.45 | 9.42 |

BOIL0502-002 01/01/2004

| | Rates | Fringes |
|------------------|----------|---------|
| Boilermaker..... | \$ 35.23 | 15.37 |

BRAK0001-002 07/01/2003

| | Rates | Fringes |
|---|----------|---------|
| Bricklayer, Blocklayer, Stonemason, Marble Mason, Tile Setter, Terrazzo Worker... | \$ 30.13 | 11.80 |
| Tile & Terrazzo Finisher..... | \$ 24.70 | 11.80 |

CARP1243-003 07/01/2003
 North of the 63rd Parallel

| | Rates | Fringes |
|--|-----------|----------|
| Carpenter/Lather/Drywall Applicator..... | \$ 31.40 | 12.20 |
| Carpenter: Fire or Flood Repair Work..... | \$ 31.99 | 12.20 |
| Millwright..... | \$ 32.38 | 12.20 |
| ----- | | |
| CARP1281-004 07/01/2003 SOUTH OF 63RD PARALLEL | | |
| | Rates | Fringes |
| Acoustical Applicator and Lather..... | \$ 28.10 | 12.70 |
| Carpenters & Drywallers..... | \$ 28.10 | 12.70 |
| Millwright..... | \$ 28.80 | 12.70 |
| ----- | | |
| CARP2520-003 08/01/2003 | | |
| | Rates | Fringes |
| Diver | | |
| Stand-by..... | \$ 32.66 | 12.20 |
| Tender..... | \$ 31.66 | 12.20 |
| Working..... | \$ 65.32 | 12.20 |
| Piledriver | | |
| Carpenter..... | \$ 29.30 | 12.20 |
| Piledriver; Skiff Operator and Rigger..... | \$ 28.14 | 12.20 |
| Sheet Pile Stabber..... | \$ 29.14 | 12.20 |
| Welder..... | \$ 29.90 | 12.20 |
| ----- | | |
| ELEC1547-004 11/03/2003 | | |
| | Rates | Fringes |
| Cable splicer..... | \$ 33.17 | 3%+13.10 |
| Electrician;Technician..... | \$ 31.42 | 3%+13.10 |
| ----- | | |
| ELEC1547-005 01/01/2004 | | |
| | Rates | Fringes |
| Cable splicer..... | \$ 35.90 | 3%+16.00 |
| Linemen (Including Equipment Operators, Technician)..... | \$ 34.15 | 3%+16.00 |
| Powderman..... | \$ 32.15 | 3%+16.00 |
| Tree Trimmer..... | \$ 22.95 | 3%+16.00 |
| ----- | | |
| ELEV0019-002 01/01/2004 | | |
| | Rates | Fringes |
| Elevator Mechanic..... | \$ 37.695 | 10.765+a |
| FOOTNOTE: a. Employer contributes 8% of the basic hourly rate for over 5 year's service and 6% of the basic hourly rate for 6 months to 5 years' of service as vacation paid credit. Seven paid holidays: New Year's Day; Memorial Day; Independence Day; Labor Day, Thanksgiving Day; Friday after Thanksgiving and Christmas Day | | |
| ----- | | |
| ENGI0302-002 09/01/2003 | | |
| | Rates | Fringes |
| Power equipment operators: | | |
| GROUP 1..... | \$ 32.08 | 10.89 |
| GROUP 1A..... | \$ 33.62 | 10.89 |

| | | |
|--------------|----------|-------|
| GROUP 2..... | \$ 31.41 | 10.89 |
| GROUP 3..... | \$ 30.78 | 10.89 |
| GROUP 4..... | \$ 25.36 | 10.89 |

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Asphalt Roller; Back Filler; Barrier Machine (Zipper); Batch Plant Operator: Batch and Mixer over 200 yds.; Beltcrete with power pack and similar conveyors; Bending Machine; Boat Coxwains; Bulldozers; Cableways, Highlines and Cablecars; Cleaning Machine; Coating Machine; Concrete Hydro Blaster; Cranes-45 tons and under or 150 foot boom and under (including jib and attachments): (a) Shovels, Backhoes, Draglines, Clamshells; Gradalls-3 yards and under; (b) Hydralifts or Transporters, all track or truck type, (c) Derricks; Crushers; Deck Winches-Double Drum; Ditching or Trenching Machine (16 inch or over); Drilling Machines, core, cable, rotary and exploration; Finishing Machine Operator, concrete paving, Laser Screed, sidewalk, curb and gutter machine; Helicopters; Hover Craft, Flex Craft, Loadmaster, Air Cushion, All Terrain Vehicle, Rollagon, Bargecable, Nodwell Sno Cat; Hydro Ax: Feller Buncher and similar; Loaders: Forklifts with power boom and swing attachment, Overhead and front end, 2 1/2 yards through 5 yards, Loaders with forks or pipe clamps, Loaders, elevating belt type, Euclid and similar types; Mechanics, Bodyman; Micro Tunneling Machine; Mixers: Mobile type w/hoist combination; Motor Patrol Grader; Mucking Machines: Mole, Tunnel Drill, Horizontal/Directional Drill Operator, and/or Shield; Operator on Dredges; Piledriver Engineers, L. B. Foster, Puller or similar Paving Breaker; Power Plant, Turbine Operator, 200 k.w. and over (power plants or combination of power units over 300 k.w.); Sauerman-Bagley; Scrapers-through 40 yards; Service Oiler/Service Engineer; Sidebooms-under 45 tons; Shot Blast Machine; Spreaders, Blaw Knox, Cedarapids, Barber Greene, Slurry Machine; Sub-grader (Gurries, C.M.I. and C.M.I. Roto Mills and similar types); Tack tractor; Truck mounted Concrete Pumps, Conveyor, Creter; Water Kote Machine; Unlicensed off road hauler

GROUP 1A: Cranes-over 45 tons or 150 foot (including jib and attachments): (a) Shovels, backhoes, draglines, clamshells-over 3 yards, (b) Tower cranes; Loaders over 5 yds.; Motor Patrol Grader (finish: when finishing to final graders and/or to hubs, or for asphalt); Power Plants: 1000 k.w. and over; Quad; Screed; Sidebooms over 45 tons; Slip Form Paver C.M.I. and similar types; Scrapers over 40 yards
 GROUP 2: Batch Plant Operators: Batch and Mixer 200 yds. per hour and under; Boiler-fireman; Cement Hog and Concrete Pump Operator; Conveyors (except as listed in group 1); Hoist on steel erection; Towermobiles and Air Tuggers; Horizontal/Directional Drill Locator; Loaders, Elevating Grader, Dumor and similar; Locomotives: rod and geared engines; Mixers; Screening, Washing Plant; Sideboom (cradling rock drill regardless of size); Skidder; Trenching Machine under 16 inches.

GROUP 3: "A" Frame Trucks, Deck Winches: single power drum; Bombardier (tack or tow rig); Boring Machine; Brooms-power; Bump Cutter; Compressor; Farm tractor; Forklift, industrial

type; Gin Truck or Winch Truck with poles when used for hoisting; Grade Checker and Stake Hopper; Hoist, Air Tuggers, Elevators; Loaders: (a) Elevating-Athey, Barber Green and similar types (b) Forklifts or Lumber Carrier (on construction job site) (c) Forklifts with Tower (d) Overhead and Front-end, under 2 1/2 yds. Locomotives: Dinkey (air, steam, gas and electric) Speeders; Mechanics (light duty); Mixers: Concrete Mixers and Batch 200 yds. per hour and under; Oil, Blower Distribution; Post Hole Diggers, mechanical; Pot Fireman (power agitated); Power Plant, Turbine Operator, under 300 k.w.; Pumps-water; Rig oiler/assistant engineer, over 45 ton, over 3 yards or over 150 foot boom; Roller-other than Plantmix; Saws, concrete; Straightening Machine; Tow Tractor
 GROUP 4: Rig Oiler/Assistant Engineer (Advances to Group III if over 45 tons or 3 yards or 150 ft. boom); Swamper (on trenching machines or shovel type equipment); Spotter; Steam Cleaner
 FOOTNOTE: Groups 1-4 receive 10% premium while performing tunnel or underground work.

 IRON0751-003 08/01/2003

| | Rates | Fringes |
|--|----------|---------|
| Ironworkers: | | |
| BRIDGE, STRUCTURAL, ORNAMENTAL, REINFORCING MACHINERY MOVER, RIGGER, SHEETER, STAGE RIGGER, BENDER OPERATOR..... | \$ 27.50 | 14.10 |
| FENCE, BARRIER AND GUARDRAIL INSTALLERS..... | \$ 24.00 | 13.85 |
| GUARDRAIL LAYOUT MAN..... | \$ 24.74 | 13.85 |
| HELICOPTER, TOWER..... | \$ 28.50 | 14.10 |

 LABO0341-005 09/01/2003

| | Rates | Fringes |
|-----------------------------|----------|---------|
| Laborers: | | |
| GROUP 1..... | \$ 24.49 | 11.50 |
| GROUP 2..... | \$ 25.24 | 11.50 |
| GROUP 3..... | \$ 25.89 | 11.50 |
| GROUP 3A..... | \$ 28.29 | 11.50 |
| GROUP 4..... | \$ 16.84 | 11.50 |
| TUNNELS, SHAFTS, AND RAISES | | |
| GROUP 1..... | \$ 26.94 | 11.50 |
| GROUP 2..... | \$ 27.76 | 11.50 |
| GROUP 3..... | \$ 28.48 | 11.50 |
| GROUP 3A..... | \$ 31.12 | 11.50 |

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Workers (shovelman, plant crew); Brush Cutters; Camp Maintenance Laborer; Carpenter Tenders; Choke Setters, Hook Tender, Rigger, Signalman; Concrete Laborer (curb and gutter, chute handler, grouting, curing, screeding); Crusher Plant Laborer; Demolition Laborer; Ditch Diggers; Dump Man; Environmental Laborer (asbestos (limited to nonmechanical systems), hazardous and toxic waste, oil spill); Fence Installer; Fire Watch Laborer; Flagman; Form Strippers; General Laborer; Guardrail

Laborer, Bridge Rail Installers; Hydro-Seeder Nozzleman; Laborers (building); Landscape or Planter; Material Handlers; Pneumatic or Power Tools; Portable or Chemical Toilet Serviceman; Pump Man or Mixer Man; Railroad Track Laborer; Sandblast, Pot Tender; Saw Tenders; Scaffold Building and Erecting; Slurry Work; Stake Hopper; Steam Point or Water Jet Operator; Steam Cleaner Operator; Tank Cleaning; Utiliwalk and Utilidor Laborer; Watchman (construction projects); Window Cleaner

GROUP 2: Burning and Cutting Torch; Cement or Lime Dumper or Handler (sack or bulk); Choker Splicer; Chucktender (wagon, airtrack and hydraulic drills); Concrete Laborers (power buggy, concrete saws, pumpcrete nozzleman, vibratorman); Environmental Laborer (marine work); Foam Gun or Foam Machine Operator; Green Cutter (dam work); Guardrail Machine Operator; Gunnite Operator; Hod Carriers; Jackhammer or Pavement Breakers (more than 45 pounds); Mason Tender and Mud Mixer (sewer work); Plasterer, Bricklayer and Cement Finisher Tenders; Power Saw Operator; Railroad Switch Layout Laborer; Sandblaster; Sewer Caulkers; Sewer Plant Maintenance Man; Thermal Plastic Applicator; Timber Faller, chain saw operator, filer; Timberman

GROUP 3: Bit Grinder; Drill Doctor (in the field); Drillers (including, but not limited to, wagon drills, air track drills; hydraulic drills); High Rigger and tree topper; Higher Scaler; Pioneer Drilling and Drilling Off Tugger (all type drills); Powderman; Slurry Seal Squeegee Man

GROUP 3A: Asphalt Raker, Asphalt Belly dump lay down; Grade checker (setting or transferring of grade marks, line and grade); Pipelayers

GROUP 4: Final Building Cleanup

TUNNELS, SHAFTS, AND RAISES CLASSIFICATIONS

GROUP 1: Brakeman; Muckers; Nippers; Topman and Bull Gang; Tunnel Track Laborer

GROUP 2: Burning and Cutting Torch; Concrete Laborers; Jackhammers; Laser Instrument Operators; Nozzleman, Pumpcrete or Shotcrete; Pipelayers.

GROUP 3: Miner; Miner; Retimberman

GROUP 3A: Powderman

Tunnel shaft and raise rates only apply to workers regularly employed inside a tunnel portal or shaft collar.

PAIN1140-004 07/01/2004

SOUTH OF THE 63RD PARALLEL

| | Rates | Fringes |
|--|----------|---------|
| Painters: | | |
| Brush, Roller, Sign, Paper and Vinyl, Swing Stage, Hand Taper/Drywall, Structural Steel, and Commercial Spray..... | \$ 23.79 | 12.89 |
| Machine Taper/Drywall..... | \$ 23.99 | 12.89 |
| Spray-Sand/Blast, Epoxy and Tar Applicator..... | \$ 24.59 | 12.89 |
| Steeple Jack & Tower..... | \$ 25.59 | 12.89 |

PAIN1140-005 07/01/2004

| | Rates | Fringes |
|-----------------------|----------|---------|
| Soft Floor Layer..... | \$ 25.40 | 8.87 |

PAIN1140-006 07/01/2004

SOUTH OF THE 63RD PARALLEL

| | Rates | Fringes |
|--------------|----------|---------|
| Glazier..... | \$ 27.00 | 12.60 |

PAIN1555-004 04/01/2004

NORTH OF THE 63RD PARALLEL

| | Rates | Fringes |
|-------------------------------|----------|---------|
| Hazardous Material Applicator | | |
| LEAD BASED PAINT | | |
| ABATEMENT, RADON | | |
| MITIGATION, SANDBLAST, | | |
| STRUCTURAL STEEL, TAPING, | | |
| TEXTURING..... | \$ 28.50 | 12.47 |
| Painter | | |
| BRUSH, BUFFER OPERATOR, | | |
| FLOOR-COVERER, POT TENDER, | | |
| ROLL SPRAY, WALLCOVERER..... | \$ 28.00 | 12.47 |

PAIN1555-005 06/01/2004

NORTH OF THE 63RD PARALLEL

| | Rates | Fringes |
|--------------|----------|---------|
| Glazier..... | \$ 27.60 | 12.07 |

PLAS0867-001 04/01/2004

| | Rates | Fringes |
|------------------------------|----------|---------|
| Plasterer | | |
| NORTH OF THE 63RD PARALLEL.. | \$ 30.39 | 11.51 |
| SOUTH OF THE 63RD PARALLEL.. | \$ 30.14 | 11.51 |

* PLAS0867-003 04/01/2004

| | Rates | Fringes |
|------------------------------|----------|---------|
| Cement Mason | | |
| NORTH OF THE 63RD PARALLEL.. | \$ 29.54 | 11.51 |
| SOUTH OF THE 63RD PARALLEL.. | \$ 29.29 | 11.51 |

* PLUM0262-002 07/01/2004

East of the 141st Meridian

| | Rates | Fringes |
|---------------------------|----------|---------|
| Plumber; Steamfitter..... | \$ 29.09 | 12.05 |

PLUM0367-002 07/01/2004

South of the 63rd Parallel

| | Rates | Fringes |
|---------------------------|----------|---------|
| Plumber; Steamfitter..... | \$ 31.30 | 13.62 |

PLUM0375-002 07/01/2004

North of the 63rd Parallel

| | Rates | Fringes |
|---------------------------|----------|---------|
| Plumber; Steamfitter..... | \$ 35.16 | 15.45 |

PLUM0669-002 04/01/2004

| | Rates | Fringes |
|--|-------|---------|
|--|-------|---------|

Sprinkler Fitter.....\$ 37.85 8.65

ROOF0190-002 09/01/2003

| | Rates | Fringes |
|--------------------------------|-------|---------|
| Roofer | | |
| North of the 63rd Parallel..\$ | 30.20 | 10.92 |
| South of the 63rd Parallel..\$ | 28.20 | 10.92 |

SHEE0023-003 07/01/2004

South of the 63rd Parallel

| | Rates | Fringes |
|---------------------------|-------|---------|
| Sheet Metal Worker.....\$ | 32.58 | 13.31 |

SHEE0023-004 09/01/2003

North of the 63rd Parallel

| | Rates | Fringes |
|---------------------------|-------|---------|
| Sheet Metal Worker.....\$ | 33.36 | 12.89 |

TEAM0959-003 09/01/2003

| | Rates | Fringes |
|-----------------|-------|---------|
| Truck Driver | | |
| GROUP 1.....\$ | 32.10 | 10.07 |
| GROUP 1A.....\$ | 33.15 | 10.07 |
| GROUP 2.....\$ | 31.05 | 10.07 |
| GROUP 3.....\$ | 30.37 | 10.07 |
| GROUP 4.....\$ | 29.90 | 10.07 |
| GROUP 5.....\$ | 29.26 | 10.07 |

GROUP 1: Semi with Double Box Mixer; Dump Trucks (including rockbuggy and trucks with pups) over 40 yards up to and including 60 yards; Deltas, Commanders, Rollogans and similar equipment when pulling sleds, trailers or similar equipment; Boat Coxswain; Lowboys including attached trailers and jeeps, up to and including 12 axles; Ready-mix over 12 yards up to and including 15 yards)

GROUP 1A: Dump Trucks (including Rockbuggy and Trucks with pups) over 60 yards up to and including 100 yards

GROUP 2: Turn-O-Wagon or DW-10 not self-loading; All Deltas, Commanders, Rollogans, and similar equipment; Mechanics; Tireman, heavy duty; Dump Trucks (including Rockbuggy and Trucks with pups) over 20 yards up to and including 40 yards; Lowboys including attached trailers and jeeps up to and including 8 axles; Super vac truck/cacasco truck/heat stress truck; Ready-mix over 7 yards up to and including 12 yards

GROUP 3: Dump Trucks (including Rockbuggy and Trucks with pups) over 10 yards up to and including 20 yards; batch trucks 8 yards and up; Oil distributor drivers; Greaser; Water Wagon (when pulled by Euclid or similar type equipment); Partsman

GROUP 4: Buggymobile; Semi or Truck and trailer; Dumpster; Tireman (light duty); Dump Trucks (including Rockbuggy and Truck with pups) up to and including 10 yards; Track Truck Equipment; Stringing Truck; Fuel Truck; Fuel Handler with truck; Grease Truck; Flat Beds, dual rear axle; Hyster Operators (handling bulk aggregate); Lumber Carrier; Water Wagon, semi; Water Wagon, dual axle; Gin Pole Truck, Winch Truck, Wrecker, Truck Mounted "A" Frame manufactured rating

over 5 tons; Bull Lifts and Fork Lifts with Power Boom and Swing attachments, over 5 tons; Front End Loader with Forks; Bus Operator over 30 passengers; All Terrain Vehicles; Boom Truck/Knuckle Truck over 5 tons; Foam Distributor Truck/dual axle; Hydro-seeders, dual axle; Vacuum Trucks, Truck Vacuum Sweepers; Vacuum Trucks, Truck Vacuum Sweepers; Loadmaster (air and water); Air Cushion or similar type vehicle; Fire Truck; Combination Truck-fuel and grease; Compactor (when pulled by rubber tired equipment); Rigger (air/water/oilfield); Ready Mix, up to and including 7 yards

GROUP 5: Gravel Spreader Box Operator on Truck; Flat Beds, single rear axle; Boom Truck/Knuckle Truck up to and including 5 tons; Pickups (Pilot Cars and all light duty vehicles); Water Wagon, single axle; Gin Pole Truck, Winch Truck, Wrecker, Truck Mounted "A" Frame, manufactured rating 5 tons and under; Bull Lifts and Fork Lifts (fork lifts with power broom and swing attachments up to and including 5 tons); Buffer Truck; Tack Truck; Bus Operators (up to 30 passengers); Farm type Rubber Tired Tractor (when material handling or pulling wagons on a construction project); Foam Distributor, single axle; Hydro-Seeders, single axle; Team Drivers (horses, mules and similar equipment); Rigger (warehouse operation); Fuel Handler (station/bulk attendant); Batch Truck, up to and including 7 yards

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

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

In the listing above, the "SU" designation means that rates listed under the 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, DC 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, DC 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, DC 20210

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

=====
END OF GENERAL DECISION

SECTION 00800
SPECIAL CONTRACT REQUIREMENTS

SCR-1 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984) (FAR 52.211-10):

SEE SECTION 00700

SCR-2 EXCLUSION OF PERIODS IN COMPUTING COMPLETION SCHEDULES (JAN 1965):

NOT USED

SCR-3 LIQUIDATED DAMAGES-CONSTRUCTION (SEP 2000) (FAR 52.211-12):

See Section 00700

SCR-4 TIME EXTENSIONS (APR 1984) (FAR 52.212-6):

SEE SECTION 00700

SCR-5 CONTRACT DRAWINGS AND SPECIFICATIONS (Aug 2000) (DFARS 252.236-7001):

(a) thru (d). See SECTION 00700

(e) The work shall conform to the specifications and the contract drawings identified on the following index of drawings:

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|--|----------|------|
| | | GENERAL | | |
| NONE | G1 | COVER SHEET | NONE | |
| " | G2 | SCHEDULE OF DRAWINGS 1 | " | " |
| " | G3 | SCHEDULE OF DRAWINGS 2 | " | " |
| " | G4 | SCHEDULE OF DRAWINGS 3 | " | " |
| F16-06-4322 | LV1 | LOCATION & VICINITY MAP | " | " |
| | | CIVIL | | |
| F-893-40-01 | C1.01 | GENERAL NOTES 1 | " | " |
| " | C1.02 | GENERAL NOTES 2 | " | " |
| " | C2.01 | OVERALL SITE PLAN | " | " |
| " | C2.02 | PLAN AND PROFILE MHS H4-3-7 TO H4-2-6 | " | " |
| " | C2.03 | PLAN AND PROFILE MHS H4-8-2 TO H4-9-1 | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|---|----------|------|
| F-893-40-01 | C2.04 | PLAN AND PROFILE MHS H4-9-1 TO H5-7-1 | NONE | " |
| " | C2.05 | PLAN AND PROFILE MHS H5-7-2 TO H5-7-3 | " | " |
| " | C2.06 | PLAN AND PROFILE MHS H4-5-2 TO H4-6-4 | " | " |
| " | C2.07 | PLAN AND PROFILE MHS H4-6-4 TO H5-4-3 | " | " |
| " | C2.08 | NOT USED | " | " |
| " | C2.09 | NOT USED | " | " |
| " | C2.10 | NOT USED | " | " |
| " | C2.11 | NOT USED | " | " |
| " | C2.12 | NOT USED | " | " |
| " | C2.13 | NOT USED | " | " |
| " | C2.14 | SITE PLAN BUILDINGS 3706 TO 3708 | " | " |
| " | C2.15 | PROFILES BUILD 3706 TO 3708 | " | " |
| " | C2.16 | EXTERIOR SITE PHOTOS SEPTEMBER 2003 | " | " |
| " | C3.01.1 | MANHOLE H4-3-7 UPPER PLANS & SECTIONS | " | " |
| " | C3.01.2 | MANHOLE H4-3-7 UPPER MIDDLE PLANS & SECTIONS | " | " |
| " | C3.01.3 | MANHOLE H4-3-7 LOWER MIDDLE PLANS & SECTIONS | " | " |
| " | C3.01.4 | MANHOLE H4-3-7 SECTIONS | " | " |
| " | C3.02.1 | MANHOLE H4-2-11 PLANS | " | " |
| " | C3.02.2 | MANHOLE H4-2-11 SECTIONS 1 | " | " |
| " | C3.02.3 | MANHOLE H4-2-11 SECTIONS 2 | " | " |
| " | C3.03.1 | MANHOLE H4-2-10 PLANS | " | " |
| " | C3.03.2 | MANHOLE H4-2-10 SECTIONS | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|---|----------|------|
| F-893-40-01 | C3.04.1 | MANHOLE H4-2-2 PLANS AND SECTIONS 1 | NONE | " |
| " | C3.04.2 | MANHOLE H4-2-2 PLANS AND SECTIONS 2 | " | " |
| " | C3.04.3 | MANHOLE H4-2-2 SECTIONS | " | " |
| " | C3.04.4 | MANHOLE H4-2-2 STORM PLANS AND SECTIONS | " | " |
| " | C3.05.1 | MANHOLE H4-2-6 PLANS AND SECTIONS 1 | " | " |
| " | C3.05.2 | MANHOLE H4-2-6 PLANS AND SECTIONS 2 | " | " |
| " | C3.05.3 | MANHOLE H4-2-6 SECTIONS 1 | " | " |
| " | C3.05.4 | MANHOLE H4-2-6 SECTIONS 2 | " | " |
| " | C3.05.5 | MANHOLE H4-2-6 SECTIONS 3 | " | " |
| " | C3.06.1 | MANHOLE H4-8-2 PLANS 1 | " | " |
| " | C3.06.2 | MANHOLE H4-8-2 PLANS 2 | " | " |
| " | C3.06.3 | MANHOLE H4-8-2 SECTIONS 1 | " | " |
| " | C3.06.4 | MANHOLE H4-8-2 SECTIONS 2 | " | " |
| " | C3.07.1 | MANHOLE H4-8-3 PLANS | " | " |
| " | C3.07.2 | MANHOLE H4-8-3 SECTIONS 1 | " | " |
| " | C3.07.3 | MANHOLE H4-8-3 SECTIONS 2 | " | " |
| " | C3.08.1 | MANHOLE H4-8-4 PLANS | " | " |
| " | C3.08.2 | MANHOLE H4-8-4 SECTIONS | " | " |
| " | C3.09.1 | MANHOLE H4-8-5 PLANS 2 | " | " |
| " | C3.09.2 | MANHOLE H4-8-5 SECTIONS | " | " |
| " | C3.10.1 | MANHOLE H4-9-1 PLANS | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|--|----------|------|
| F-893-40-01 | C3.10.2 | MANHOLE H4-9-1 SECTIONS 1 | NONE | " |
| " | C3.10.3 | MANHOLE H4-9-1 SECTIONS 2 (C-38) | " | " |
| " | C3.11.1 | MANHOLE H4-9-2 PLANS | " | " |
| " | C3.11.2 | MANHOLE H4-9-2 SECTIONS | " | " |
| " | C3.12.1 | MANHOLE H4-9-3 PLANS | " | " |
| " | C3.12.2 | MANHOLE H4-9-4 SECTIONS 2 | " | " |
| " | C3.13.1 | MANHOLE H4-5-7 PLANS | " | " |
| " | C3.13.2 | MANHOLE H5-7-1 PLANS | " | " |
| " | C3.14.1 | MANHOLE H5-7-2 PLANS AND PLANS | " | " |
| " | C3.14.2 | MANHOLE H5-7-2 SECTIONS SECTIONS | " | " |
| " | C3.15.1 | MANHOLE H5-7-3 PLANS AND PLANS 1 | " | " |
| " | C3.15.2 | MANHOLE H5-7-3 PLANS AND PLANS 2 | " | " |
| " | C3.15.3 | MANHOLE H5-7-3 PLANS AND SECTIONS 1 | " | " |
| " | C3.15.4 | MANHOLE H5-7-3 PLANS AND SECTIONS 2 | " | " |
| " | C3.16.1 | MANHOLE H4-5-2 PLANS 1 | " | " |
| " | C3.16.2 | MANHOLE H4-5-2 PLANS 2 | " | " |
| " | C3.16.3 | MANHOLE H4-5-2 PLANS 1 | " | " |
| " | C3.16.4 | MANHOLE H4-5-2 SECTIONS 1 | " | " |
| " | C3.17.1 | MANHOLE H4-5-1L PLANS AND SECTIONS | " | " |
| " | C3.17.2 | MANHOLE H4-5-1L SECTIONS | " | " |
| " | C3.18.1 | MANHOLE H4-5-3 PLANS | " | " |
| " | C3.18.2 | MANHOLE H4-5-3 SECTIONS 1 (C-21) | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-----------------|----------------|--|----------|------------------|
| F-893-40-01 | C3.18.3 | MANHOLE H4-5-3 SECTIONS 2 | NONE | " |
| " | C3.19.1 | MANHOLE H4-5-4 PLANS AND SECTIONS | " | " |
| " | C3.19.2 | BUILDING 3726 PLANS AND SECTIONS | " | " |
| " | C3.20.1 | MANHOLE H4-6-1 PLANS AND SECTIONS 1 | " | " |
| AM #2... | | | | |
| " | <u>C3.20.2</u> | <u>MANHOLE H4-6-1 PLANS AND SECTIONS 2</u> | <u>1</u> | <u>09 AUG 04</u> |
| " | <u>C3.20.3</u> | <u>MANHOLE H4-6-1 PLANS AND SECTIONS 3</u> | <u>1</u> | " |
| | | | | ...AM #2 |
| " | C3.20.4 | MANHOLE H4-6-1 SECTIONS | " | " |
| " | C3.20.5 | MANHOLE H4-6-2 PLANS AND SECTIONS 4 | | |
| " | C3.21.1 | MANHOLE H4-6-2 PLANS AND SECTIONS 1 | " | " |
| " | C3.21.2 | MANHOLE H4-6-2 PLANS AND SECTIONS 2 | " | " |
| " | C3.21.3 | MANHOLE H4-6-2 PLANS AND SECTIONS 3 | " | " |
| " | C3.21.4 | MANHOLE H4-6-2 PLANS AND SECTIONS 4 | " | " |
| " | C3.21.5 | MANHOLE H4-6-2 SECTIONS 1 | | |
| " | C3.21.6 | MANHOLE H4-6-2 SECTIONS 2 | | |
| " | C3.22.01 | NOT USED | " | " |
| " | C3.22.02 | NOT USED | " | " |
| " | C3.22.03 | NOT USED | " | " |
| " | C3.22.04 | NOT USED | " | " |
| " | C3.22.05 | NOT USED | " | " |
| " | C3.22.06 | NOT USED | " | " |
| " | C3.22.07 | NOT USED | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|-----------------------------------|----------|------|
| F-893-40-01 | C3.22.08 | NOT USED | NONE | " |
| " | C3.22.09 | NOT USED | " | " |
| " | C3.22.10 | NOT USED | " | " |
| " | C3.22.11 | NOT USED | " | " |
| " | C3.22.12 | NOT USED | " | " |
| " | C3.22.13 | NOT USED | " | " |
| " | C3.22.14 | NOT USED | " | " |
| " | C3.22.15 | NOT USED | " | " |
| " | C3.22.16 | NOT USED | " | " |
| " | C3.22.17 | NOT USED | " | " |
| " | C3.22.18 | NOT USED | " | " |
| " | C3.23.1 | MANHOLE H4-6-3 PLANS 1 | " | " |
| " | C3.23.2 | MANHOLE H4-6-3 PLANS 2 | " | " |
| " | C3.23.3 | MANHOLE H4-6-3 SECTIONS 1 | " | " |
| " | C3.23.4 | MANHOLE H4-6-3 SECTIONS 2 | " | " |
| " | C3.24.1 | MANHOLE H4-6-4 PLANS 1 | " | " |
| " | C3.24.2 | MANHOLE H4-6-4 PLANS 2 | " | " |
| " | C3.24.3 | MANHOLE H4-6-4 PLANS 3 | " | " |
| " | C3.24.4 | MANHOLE H4-6-4 SECTIONS | " | " |
| " | C3.25.1 | MANHOLE H4-6-5 PLANS & SECTIONS 1 | " | " |
| " | C3.25.2 | MANHOLE H4-6-5 PLANS & SECTIONS 2 | " | " |
| " | C3.25.3 | MANHOLE H4-6-5 PLANS & SECTIONS 3 | " | " |
| " | C3.25.4 | MANHOLE H4-6-5 PLANS & SECTIONS 4 | " | " |
| " | C3.25.5 | MANHOLE H4-6-5 SECTIONS 1 | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|-------------------------------------|----------|------|
| F-893-40-01 | C3.25.6 | MANHOLE H4-6-5 | NONE | " |
| " | C3.26.01 | NOT USED | " | " |
| " | C3.26.02 | NOT USED | " | " |
| " | C3.26.03 | NOT USED | " | " |
| " | C3.26.04 | NOT USED | " | " |
| " | C3.26.05 | NOT USED | " | " |
| " | C3.26.06 | NOT USED | " | " |
| " | C3.26.07 | NOT USED | " | " |
| " | C3.26.08 | NOT USED | " | " |
| " | C3.26.09 | NOT USED | " | " |
| " | C3.26.10 | NOT USED | " | " |
| " | C3.26.11 | NOT USED | " | " |
| " | C3.26.12 | NOT USED | " | " |
| " | C3.26.13 | NOT USED | " | " |
| " | C3.26.14 | NOT USED | " | " |
| " | C3.26.15 | NOT USED | " | " |
| " | C3.26.16 | NOT USED | " | " |
| " | C3.26.17 | NOT USED | " | " |
| " | C3.26.18 | NOT USED | " | " |
| " | C3.27.1 | MANHOLE H5-4-1 PLANS AND SECTIONS 1 | " | " |
| " | C3.27.2 | MANHOLE H5-4-1 PLANS AND SECTIONS 2 | " | " |
| " | C3.27.3 | MANHOLE H5-4-1 PLANS AND SECTIONS 3 | " | " |
| " | C3.27.4 | MANHOLE H5-4-1 SECTIONS | " | " |
| " | C3.28.1 | MANHOLE H5-4-5 PLANS AND SECTIONS 1 | " | " |
| " | C3.28.2 | MANHOLE H5-4-5 PLANS AND SECTIONS 2 | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|---|----------|------|
| F-893-40-01 | C3.28.3 | MANHOLE H5-4-5 PLANS AND SECTIONS 3 | NONE | " |
| " | C3.28.4 | MANHOLE H5-4-5 SECTIONS | " | " |
| " | C3.29.01 | BUILDING 3707, AREA N EXISTING PLANS AND SECTIONS | " | " |
| " | C3.29.02 | BUILDING 3707, AREA NW EXISTING PLANS AND SECTIONS | " | " |
| " | C3.29.03 | BUILDING 3707, AREA W & S EXISTING PLANS AND SECTIONS | " | " |
| " | C3.29.04 | BUILDING 3707, AREA SW EXISTING PLANS AND SECTIONS | " | " |
| " | C3.29.05 | BUILDING 3707, AREA SE EXISTING PLANS AND SECTIONS | " | " |
| " | C3.29.06 | BUILDING 3708, EXISTING PLANS AND SECTIONS | " | " |
| " | C3.29.07 | BUILDING 3706, EXISTING PLANS AND SECTIONS | " | " |
| " | C3.29.08 | BUILDING 3707, AREA N NEW PLANS AND SECTIONS | " | " |
| " | C3.29.09 | BUILDING 3707, AREA NW NEW PLANS AND SECTIONS | " | " |
| " | C3.29.10 | BUILDING 3707, AREA W & S NEW PLANS AND SECTIONS | " | " |
| " | C3.29.11 | BUILDING 3707, AREA SW NEW PLANS AND SECTIONS MANHOLE H5-4-6 | " | " |
| " | C3.29.12 | BUILDING 3707, AREA SW NEW SECTIONS MANHOLE H5-4-6 | " | " |
| " | C3.29.13 | BUILDING 3707, AREA SE NEW PLANS AND SECTIONS | " | " |
| " | C3.29.14 | BUILDING 3708, NEW PLANS AND SECTIONS | " | " |
| | | | | |
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| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|---------------------------------------|----------|------|
| F-893-40-01 | C3.29.15 | BUILDING 3706, NEW PLANS AND SECTIONS | NONE | " |
| " | C3.30.1 | MANHOLE H5-4-2 PLANS AND SECTIONS 1 | " | " |
| " | C3.30.2 | MANHOLE H5-4-2 PLANS AND SECTIONS 2 | " | " |
| " | C3.30.3 | MANHOLE H5-4-2 PLANS AND SECTIONS 3 | " | " |
| " | C3.30.4 | MANHOLE H5-4-2 PLANS AND SECTIONS 4 | " | " |
| " | C3.30.5 | MANHOLE H5-4-2 SECTIONS | " | " |
| " | C3.30.6 | MANHOLE H5-4-2 OPTION PLANS | " | " |
| " | C3.31.01 | NOT USED | " | " |
| " | C3.31.02 | NOT USED | " | " |
| " | C3.31.03 | NOT USED | " | " |
| " | C3.31.04 | NOT USED | " | " |
| " | C3.31.05 | NOT USED | " | " |
| " | C3.31.06 | NOT USED | " | " |
| " | C3.31.07 | NOT USED | " | " |
| " | C3.31.08 | NOT USED | " | " |
| " | C3.31.09 | NOT USED | " | " |
| " | C3.31.10 | NOT USED | " | " |
| " | C3.31.11 | NOT USED | " | " |
| " | C3.31.12 | NOT USED | " | " |
| " | C3.31.13 | NOT USED | " | " |
| " | C3.31.14 | NOT USED | " | " |
| " | C3.31.15 | NOT USED | " | " |
| " | C3.31.16 | NOT USED | " | " |
| " | C3.32.1 | MANHOLE H5-4-3 PLANS AND SECTIONS 1 | " | " |

| Drawing No. | Sheet No. | Title | Rev No. | Date |
|-------------|-----------|---|---------|------|
| F-893-40-01 | C3.32.2 | MANHOLE H5-4-3 PLANS AND SECTIONS 2 | NONE | " |
| " | C3.32.3 | MANHOLE H5-4-3 PLANS AND SECTIONS 3 | " | " |
| " | C3.32.4 | MANHOLE H5-4-3 PLANS AND SECTIONS 4 | " | " |
| " | C3.32.5 | MANHOLE H5-4-3 SECTIONS 1 | " | " |
| " | C3.32.6 | MANHOLE H5-4-3 SECTIONS 2 | " | " |
| " | C4.01 | DETAILS 1 | " | " |
| " | C4.02 | DETAILS 2 | " | " |
| " | C4.03 | DETAILS 3 | " | " |
| " | C4.04 | DETAILS 4 | " | " |
| " | C4.05 | UTILIDOR VENT DETAILS | " | " |
| " | C4.06 | UTILIDOR LAYOUT SECTIONS | " | " |
| " | C4.07 | UTILIDOR SECTIONS AND DETAILS | " | " |
| " | C4.08 | UTILIDOR LAYOUT SECTIONS | " | " |
| " | C4.09 | FIRE HYDRANT PLANS | " | " |
| " | C4.10 | FIRE HYDRANT DETAILS 1 | " | " |
| " | C4.11 | FIRE HYDRANT DETAILS 2 | " | " |
| " | C4.12 | STEAM AND CONDENSATE EXPANSION JOINT SCHEDULE 1 | " | " |
| " | C4.13 | STEAM AND CONDENSATE EXPANSION JOINT SCHEDULE 2 | " | " |
| " | C4.14 | STEAM AND CONDENSATE EXPANSION JOINT SCHEDULE 3 | " | " |
| " | C4.15 | STEAM AND CONDENSATE SCHEMATIC DIAGRAMS 1 | " | " |
| " | C4.16 | STEAM AND CONDENSATE SCHEMATIC DIAGRAMS 2 | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|---|----------|------|
| F-893-40-01 | C4.17 | STEAM AND CONDENSATE SCHEMATIC DIAGRAMS 3 | NONE | " |
| " | C4.18 | NOT USED | " | " |
| " | C4.19 | NOT USED | " | " |
| " | C4.20 | NOT USED | " | " |
| " | C4.21 | STEAM AND CONDENSATE SCHEMATIC DIAGRAMS 7 | " | " |
| " | C4.22 | DETAILS 5 | " | " |
| " | C4.23 | DETAILS 6 | " | " |
| " | C4.24 | DETAILS 7 | " | " |
| | | <u>STRUCTURAL</u> | | |
| " | S1.01 | MANHOLE ACCESS & TEMPORARY WALL SECTIONS AND DETAILS | " | " |
| " | S1.02 | FIRE HYDRANT MANHOLE LID REMOVABLE UTILIDOR LID & DETAILS | " | " |
| " | S1.03 | EXISTING MANHOLE H4-2-6 PLAN & SECTIONS | " | " |
| " | S1.04 | NEW MANHOLE H4-2-6 PLAN & SECTIONS | " | " |
| " | S1.05 | EXISTING MANHOLE H4-2-2 PLAN & SECTIONS | " | " |
| " | S1.06 | MODIFIED MANHOLE H4-2-2 PLAN & SECTIONS | " | " |
| " | S1.07 | EXISTING MANHOLE H4-2-10 PLAN AND SECTIONS | " | " |
| " | S1.08 | MODIFIED MANHOLE H4-2-10 PLAN & SECTIONS | " | " |
| " | S1.09 | EXISTING MANHOLE H4-2-11 PLAN & SECTIONS | " | " |
| " | S1.10 | NEW MANHOLE H4-2-11 PLAN & SECTIONS | " | " |
| " | S1.11 | NEW UTILIDOR CONNECTION MANHOLE H4-8-3 PLAN & SECTIONS | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|--|----------|------|
| F-893-40-01 | S1.12 | NEW UTILIDOR CONNECTION MANHOLE H4-8-4, H4-8-5 PLAN & SECTIONS | NONE | " |
| " | S1.13 | NEW UTILIDOR CONNECTION MANHOLE H4-9-1 PLAN & SECTIONS | " | " |
| " | S1.14 | NEW UTILIDOR CONNECTION MANHOLE H4-9-2 | " | " |
| " | S1.15 | MANHOLE H4-2-6 REINFORCEMENT | " | " |
| " | S1.16 | MANHOLE H4-2-11 REINFORCEMENT | " | " |
| " | S1.17 | UTILIDOR SECTIONS REINFORCEMENT | " | " |
| " | S1.18 | MANHOLE/UTILIDOR, PLAN & SECTIONS REINFORCEMENT I | " | " |
| " | S1.19 | MANHOLE/UTILIDOR, SECTIONS & DETAILS REINFORCEMENT II | " | " |
| " | S1.20 | MISCELLANEOUS -- PROJECT DETAILS TYPICAL SECTIONS & DETAILS | " | " |
| " | S1.21 | MISCELLANEOUS - PROJECT DETAILS TYPICAL SECTIONS & DETAILS II | " | " |
| " | S2.01 | GENERAL NOTES & ABBREVIATIONS | " | " |
| " | S2.02 | UTILIDOR DETAILS 1 | " | " |
| " | S2.03 | MANHOLE DETAILS 1 | " | " |
| " | S2.04 | MANHOLE DETAILS 2 | " | " |
| " | S2.05 | MANHOLE DETAILS 3 | " | " |
| " | S2.06 | MANHOLE DETAILS 4 | " | " |
| " | S2.07 | FIRE HYDRANT MANHOLE | " | " |
| | | <u>ELECTRICAL</u> | | |
| " | E1.01 | ELECTRICAL SITE PLAN 4 | " | " |
| " | E1.02 | ELECTRICAL SITE PLAN 5 | " | " |

| Drawing No. | Sheet No. | Title | Rev. No. | Date |
|-------------|-----------|------------------------------------|----------|------|
| F-893-40-01 | E1.03 | ELECTRICAL SITE PLAN 6 | NONE | " |
| " | E1.04 | UTILIDOR POWER, LIGHTS & ALARM | " | " |
| " | E1.05 | PANEL SCHEDULES 2 | " | " |
| " | E1.06 | POLE, TRANSFORMER & ALARM SCHEDULE | " | " |
| " | E1.07 | ELECTRICAL DETAILS 3 | " | " |
| " | E2.01 | LEGEND | " | " |
| " | E2.02 | ELECTRICAL SITE PLAN 1 | " | " |
| " | E2.03 | ELECTRICAL SITE PLAN 2 | " | " |
| " | E2.04 | ELECTRICAL SITE PLAN 3 | " | " |
| " | E2.05 | ELECTRICAL DETAILS 1 | " | " |
| " | E2.06 | ELECTRICAL DETAILS 2 | " | " |
| " | E2.07 | ONE LINE DIAGRAM | " | " |
| " | E2.08 | PANELS SCHEDULES | " | " |
| " | E2.09 | UNDERGROUND COM | " | " |
| | | <u>EXHIBITS</u> | | |
| " | EX-1 | UNDERGROUND COM-1 | " | " |
| " | EX-2 | UNDERGROUND COM-2 | " | " |
| " | EX-3 | UNDERGROUND COM-3 | " | " |

SCR-6 BRAND NAME OR EQUAL (Aug 1999) (FAR 52.211-6) :

SEE SECTION 00700

SCR-7 CERTIFICATES OF COMPLIANCE:

Any certificates required for demonstrating proof of compliance of materials with specification requirements shall be executed in 3 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 date 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, after tests are

performed on selected samples, the material is found not to meet the specific requirements.

SCR-8 SUBMITTALS (ER 415-1-10, 30 May 1995):

Within 30 days after receipt of Notice to Proceed, the Contractor shall complete and submit to the Contracting Officer, in triplicate, submittal register ENG Form 4288 listing all submittals and dates. In addition to those items listed on ENG Form 4288, the Contractor shall furnish submittals for any deviation from the plans or specifications. The scheduled need dates must be recorded on the document for each item for control purposes. In preparing the document, adequate time (minimum of 30 days) shall be allowed for review and, only when stipulated, approval and possible resubmittal. Scheduling shall be coordinated with the approved progress schedule. The Contractor's Quality Control representative shall review the listing at least every 30 days and take appropriate action to maintain an effective system. Copies of updated or corrected listing shall be submitted to the Contracting Officer at least every 60 days in the quantity specified. Payment will not be made for any material or equipment which does not comply with contract requirements.

Section 01330 includes an ENG Form 4288 listing technical items the Contractor shall submit to the Contracting Officer, as indicated in the contract requirements.

SCR-9 IDENTIFICATION OF GOVERNMENT-FURNISHED PROPERTY (APR 1984) (FAR 52.245-3):

See Section 00700

SCR-10 FORT WAINWRIGHT PHYSICAL DATA (APR 1984): Data and information furnished or referred to below are furnished for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

a. The indications of physical conditions on the drawings and in the specifications are the result of site investigation.

b. Location: Fort Wainwright is located adjacent to, and southeast of Fairbanks, Alaska.

c. Transportation:

(1) Water: Commercial cargo service is available from West Coast port cities of the mainland states to the Alaska ports of Anchorage, Valdez, Whittier and Seward.

(2) Truck: Truck service is available to Fairbanks from the port cities of Anchorage, Valdez, and Seward, Alaska, and from the 48 contiguous states over the Alaska Highway.

(3) Railroad: The Alaska Railroad offers freight service from the 48 contiguous states and Canada via rail barge and trainship through Whittier, and from Seward, to Anchorage and Fairbanks. In addition to the freight service, scheduled passenger service and express service between Anchorage and Fairbanks, and passenger service between Anchorage and Whittier are also available. Fairbanks (including Eielson AFB and Ft. Wainwright) is

the northern terminus, and Seward and Whittier are the southern terminals of the Alaska Railroad.

(4) Air: Commercial airlines operate to Fairbanks, Alaska.

d. Communications: Telephone communications and services for the Contractor's use are the responsibility of the Contractor. The Contractor shall make all arrangements and payment for telephone service. Contact Alaska Communications Systems, 1-800-478-3081. The Government does not guarantee the adequacy or efficiency of the service or the number of telephones that can be assigned to the Contractor.

e. Weather Data: A Climatological Summary for Fort Wainwright is attached to the end of this section.

SCR-11 AVAILABILITY AND USE OF UTILITY SERVICES (APR 1984) (FAR 52.236-14):

SEE SECTION 00700

SCR-12 IDENTIFICATION OF EMPLOYEES AND MILITARY REGULATIONS:

(a) The Contractor shall be responsible for compliance with all regulations and orders of the Commanding Officer of the Military Installation, respecting identification of employees, movements on installation, parking, truck entry, and all other military regulations which may affect the work.

(b) The work under this contract is to be performed at an operating Military Installation with consequent restrictions on entry and movement of non-military personnel and equipment.

SCR-13 INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997) (FAR 52.228-5):

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the following kinds and minimum amounts of insurance:

(1) Workman's Compensation and Employers' Liability Insurance: \$100,000.00.

(2) General Liability Insurance: A Bodily Injury, Comprehensive policy which provides \$500,000.00 per occurrence.

(3) Automobile Liability Insurance: A comprehensive policy which provides \$200,000.00 per person and \$500,000.00 per occurrence for bodily injury and \$20,000.00 per occurrence for property damage, covering the operation of its automobiles used in connection with the performance of the contract.

SCR-14 RESERVED

SCR-15 THRU SCR-16 SEE SECTION 00700

SCR-18 THRU SCR-20 NOT USED

SCR-21 SEE SECTION 00700

SCR-22 SALVAGE MATERIALS AND EQUIPMENT

The Contractor shall maintain adequate property control records for all materials or equipment specified to be salvaged. These records may be in accordance with the Contractor's system of property control, if approved by the property administrator. The Contractor shall be responsible for the adequate storage and protection of all salvaged materials and equipment and shall replace, at no cost to the Government, all salvage materials and equipment which are broken or damaged during salvage operations as the result of its negligence, or while in its care. The Contractor shall salvage the below listed materials:

Direct buried 6" condensate line between Manhole H4-8-3 and Manhole H4-8-4.
Direct buried 6" condensate line between Manhole H4-9-1 and Manhole H4-9-2.

SCR-23 SEE SECTION 00700

SCR-24 NOT USED

SCR-25 COMMUNICATION SECURITY:

All communications with DOD organizations are subject to COMSEC review. Contractor personnel shall be aware that telecommunications networks are continually subject to intercept by unfriendly intelligence organizations. The DOD has authorized the military departments to conduct COMSEC monitoring and recording of telephone calls originating from or terminating at DOD organizations. Therefore, civilian Contractor personnel are advised that any time they place a call to or receive a call from Alaska District offices or Resident Engineer offices located on military installations, they are subject to COMSEC procedures. The Contractor will assume the responsibility for ensuring wide and frequent dissemination of the above information to all employees dealing with official DOD information.

SCR-26 PERMITS AND RESPONSIBILITIES:

See Section 00700

SCR-27 NOT USED

SCR-28 THRU SCR-29 SEE SECTION 00700

SCR-30 OPTION FOR INCREASED QUANTITY

a. The Government may increase the quantity of work awarded by exercising bid Items 0002 thru 0009 (option items 1 thru 8) as specified in the Bid Schedule, at any time, or not at all, but no later than September 30, 2004. Notice to Proceed on work added by exercise of the option will be given upon execution of consent of surety.

b. The parties hereto further agree that any options herein shall be considered as having been exercised at the time the Government deposits written notification to the Contractor.

c. Optional items awarded shall be completed within the time period for completion of the base items, as stated in FAR CLAUSE 52.211-10, Commencement, Prosecution and Completion of Work.

SCR-31 THRU SCR-32 NOT USED

SCR-33 PAYMENT FOR MATERIALS DELIVERED OFF-SITE (1995 MAR HQ USACE) (EFARS 52.232-5000):

See Section 00700.

SCR-34 THRU SCR-35 NOT USED

SCR-36 TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER (ER 415-1-15, 31 Oct 1989):

1. This provision specifies the procedure for determination of time extensions for unusually severe weather in accordance with the Contract Clause entitled "DEFAULT (FIXED PRICE CONSTRUCTION)". In order for the Contracting Officer to award a time extension under this clause, the following conditions must be satisfied:

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

b. The unusually severe weather must actually cause a delay to the completion of the project. The delay must be beyond the control and without the fault or negligence of the Contractor.

2. The following schedule of monthly anticipated adverse weather delays is based on National Oceanic and Atmospheric Administration (NOAA) or similar data for the project location and will constitute the base line for monthly weather time evaluations. The Contractor's progress schedule must reflect these anticipated adverse weather delays in all weather dependent activities.

Monthly Anticipated Adverse Weather Delay Work Days Based on a 5-Day Work Week

| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 22 | 20 | 21 | 0 | 0 | 1 | 1 | 1 | 0 | 10 | 21 | 22 |

Upon acknowledgement of the Notice to Proceed and continuing throughout the contract, the Contractor shall record on the daily CQC report, the occurrence of adverse weather and the resultant impact to normally scheduled work. Actual adverse weather delays days must prevent work on critical activities for 50 percent or more of the Contractor's scheduled work day. The number of actual adverse weather days shall include days impacted by actual adverse weather (even if adverse weather occurred in previous month), be calculated chronologically from the first to the last day in each month, and be recorded as full days. If the number of actual adverse weather days exceeds the number of days anticipated in Paragraph 2, above, the Contracting Officer will convert any qualifying delays to calendar days, giving full consideration for equivalent fair weather work days, and issue a modification in accordance with the Contract Clause entitled "DEFAULT (FIXED-PRICE CONSTRUCTION)".

SCR-37 SEE SECTION 00700

SCR-38 YEAR 2000 COMPLIANCE (OCT 1997) (FAR 39.106):

In accordance with FAR 39.106, the Contractor shall ensure that with respect to any design, construction, goods, or services under this contract as well as any subsequent task/delivery orders issued under this contract (if applicable), all information technology contained therein shall be Year 2000 compliant. Specifically, the Contractor shall:

(1) Perform, maintain, and provide an inventory of all major components to include structures, equipment, items, parts, and furnishings under this contract and each task/delivery order which may be affected by the Year 2000 compliance requirement.

(2) Indicate whether each component is currently Year 2000 compliant or requires an upgrade for compliance prior to Government acceptance.

SCR-39 THRU SCR-44 NOT USED

SCR-45 SAFETY AND HEALTH REQUIREMENTS MANUAL, EM 385-1-1, U.S. ARMY CORPS OF ENGINEERS:

EM 385-1-1 and its changes are available at <http://www.hq.usace.army.mil> (at the HQ homepage, select Safety and Occupational Health).

The Contractor shall be responsible for complying with the current edition and all changes posted on the web (see web address above) as of the effective date of this solicitation and shall comply with the version in effect on the contract award date. This EM 385-1-1 shall remain in effect throughout the life of the contract.

SCR-46 THRU SCR-111 NOT USED

SCR-112 SEE SECTION 00700

ATTACHMENT: CLIMATOLOGICAL SUMMARY

SECTION TABLE OF CONTENTS

DIVISION 01 - GENERAL REQUIREMENTS

SECTION 01015

SPECIAL ITEMS

PART 1 GENERAL

- 1.1 SCOPE
- 1.2 REFERENCES
- 1.3 SUBMITTALS
- 1.4 ACCIDENT PREVENTION PLAN
- 1.5 FIRE SAFETY
- 1.6 COMPLIANCE WITH ALASKA STATE LABOR LAWS ON OCCUPATIONAL LICENSING-
- 1.7 EXCAVATION CLEARANCE REQUEST (ECR) - FORT WAINWRIGHT
- 1.8 TEMPORARY AND PERMANENT ELECTRICAL SERVICE HOOK-UP
- 1.9 UTILITY OUTAGES - FORT WAINWRIGHT
 - 1.9.1 Telephone and Cable Outages
 - 1.9.2 Notification and Posting of Outage Notices
 - 1.9.3 Emergency Outages
- 1.10 DISPOSITION OF MATERIALS
 - 1.10.1 Landfill Cover Requirements
 - 1.10.1.1 Cover Layer Requirements
 - 1.10.1.2 Cover Material Source
 - 1.10.1.3 On-site Equipment Storage
- 1.11 TESTS
- 1.12 WARRANTY OF CONSTRUCTION
 - 1.12.1 Failures
 - 1.12.2 Warranty Tag
- 1.13 CAMP FACILITIES
- 1.14 PARTNERING
- 1.15 OPERATION AND MAINTENANCE (O & M) MANUALS
- 1.16 HEALTH HAZARD ASBESTOS
- 1.17 EARTHQUAKE-RESISTANT EQUIPMENT SUPPORTS
- 1.18 NPDES
- 1.19 NON-GOVERNMENT BORROW SOURCES
- 1.20 BIRDS' PROTECTION
- 1.21 REQUIRED UTILITY SERVICES
 - 1.21.1 Utility Service Plan
 - 1.21.2 Utility Line Isolation In Utilidor
 - 1.21.3 Temporary Water Lines
- 1.22 TEMPORARY UTILITY REQUIREMENTS
 - 1.22.1 Utilidor/Building Heating Prohibitions
 - 1.22.2 Materials List for Temporary Utility Services
 - 1.22.2.1 Environmental Protection for Temporary Sewer System
 - 1.22.3 Steam
 - 1.22.4 Sewer
 - 1.22.5 Water
 - 1.22.6 Electrical
 - 1.22.6.1 Electrical Power Outages 4-hour Maximum Duration
 - 1.22.7 Special Temporary Utilities Requirements

- 1.22.7.1 Commissary/PX facility (Building 3703 complex)
- 1.22.7.2 Building 3730
- 1.22.7.3 Physical Fitness Center (PFC)
- 1.23 COORDINATION OF WORK
- 1.24 SCHEDULING OF WORK
- 1.25 PHASING OF WORK
- 1.26 ATTACHMENTS

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

-- End of Section Table of Contents --

SECTION 01015

SPECIAL ITEMS

PART 1 GENERAL

1.1 SCOPE

Items included in this section cover special features and/or requirements which are not otherwise specified or indicated.

1.2 REFERENCES

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

ASTM INTERNATIONAL (ASTM)

ASTM E 1527 (1993) Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process

CODE OF FEDERAL REGULATIONS (CFR)

40 CFR 262 Generators of Hazardous Waste

40 CFR 261 Identification and Listing of Hazardous Waste

NSF INTERNATIONAL (NSF)

NSF 61 (2002e) Drinking Water System Components - Health Effects

STATE OF ALASKA ADMINISTRATIVE CODE (AAC)

12 AAC 32 Electrical Administrators

12 AAC 39 Mechanical Administrators

18 AAC 60 (2003) Solid Waste Management

Title 08 (2003) Business and Professions

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

29 CFR 1910 Occupational Safety and Health Standards

29 CFR 1926 Safety and Health Regulations for Construction

40 CFR 61 National Emission Standards for Hazardous Air Pollutants

U.S. ARMY CORPS OF ENGINEERS (USACE)

TI 809-04 (1998) Seismic Design for Buildings
EM 200-1-1 (1999) Validation of Analytical Chemistry
Laboratories

1.3 SUBMITTALS

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

SD-01 Preconstruction Submittals

Utility Service Plan; G,

SD-03 Product Data

Materials list for temporary utility services

1.4 ACCIDENT PREVENTION PLAN

The Contractor shall obtain the Contracting Officer's approval of the Accident Prevention Plan required by the Safety and Health Requirements Manual referenced in paragraph Accident Prevention of the Contract Clauses prior to start of any work at the project site.

1.5 FIRE SAFETY

The Contractor shall obtain a permit from the organization having jurisdiction over the job site for any welding or open flame work.

1.6 COMPLIANCE WITH ALASKA STATE LABOR LAWS ON OCCUPATIONAL LICENSING-

The Contractor shall comply with the current provisions of Alaska Statutes Title 08 and Alaska Regulations 12 AAC 32 and 12 AAC 39 requiring licensed electrical and mechanical administrators to supervise and be responsible for the performance of all regulated categories of electrical and mechanical work performed on-site as part of this contract. The following is a partial list of areas covered by the Alaska State Regulations:

- a. Controls and Control Wiring 12 AAC 32.275
- b. Inside Communications 12 AAC 32.195
- c. Residential Wiring 12 AAC 32.235
- d. Outside Communications 12 AAC 32.125
- e. Commercial Wiring 12 AAC 32.165
- f. Line Work 12 AAC 32.075
- g. Heating Cooling and Process Piping 12 AAC 39.232

- h. Mechanical Systems Temperature Control 12 AAC 39.292
- i. Residential Plumbing and Heating 12 AAC 39.312
- j. HVAC/Sheet Metal 12 AAC 39.252
- k. Refrigeration 12 AAC 39.272

The Contractor shall also be required to comply with State of Alaska requirements for occupational licensing of electrical and mechanical journeymen and apprentice craftsmen performing any work on-site as part of this contract. The ratio of individuals holding trainee certificates may not be more than two electrician trainees for every certified electrical journeyman, or residential wireman as applicable on a job site, or two power linemen trainees for every certified power lineman on the job site. The Contractor shall be prepared to demonstrate on demand, the licensing of the craftsmen engaged in the work.

1.7 EXCAVATION CLEARANCE REQUEST (ECR) - FORT WAINWRIGHT

a. Prior to the commencement of any excavation, trenching or other digging activity for all soil disturbing activities impacting soils six inches or more below the ground surface, the Contractor shall obtain an Excavation Clearance Request (ECR), USARAK Form 81-E. USARAK Form 81-E is commonly referred to as a "Dig Permit". The Contractor shall be responsible for providing all information required by the ECR to include obtaining all signatures from the organizations and individuals required on the ECR. A blank ECR form may be obtained from the Customer Service Desk at the Directorate of Public Works, Building 3015, Ft. Wainwright.

b. If contaminated soils, drums, unexploded ordnance, or unusual debris are found on or around any work site, the Contractor shall stop work immediately and notify the Fire Department or "911" in accordance with EM 200-1-1, Hazardous Materials and Regulated Waste Management. Additionally, the Contractor shall notify the Contracting Officers Representative (COR) immediately of any such action. Work at the site will be suspended until the area is cleared by DPW Environmental Resources and notification by the COR is given to the contractor allowing work to continue. Site clearance by Range Control is required if unexploded ordnance is involved.

c. Contaminated soil or groundwater removed from the work site must meet container type, sampling and analysis for potential contamination, marking and labeling, and moving and storage requirements specified in Pamphlet 200-1 or as otherwise specified by DPW Environmental Resources prior to removal. Soil and groundwater shall not be removed from any part of the installation without written authorization from an authorized USARAK representative. All operations involving hazardous waste will be accomplished in accordance with USARAK Regulation 200-4, Environmental Quality: Hazardous Waste, Used Oil and Hazardous Material Management and EM 200-1-1, Hazardous Material and Regulated Waste Management.

1.8 TEMPORARY AND PERMANENT ELECTRICAL SERVICE HOOK-UP

The Contractor shall adhere to the following requirements when

connecting to the existing Ft. Wainwright electrical power distribution system. These requirements are for either temporary or permanent power, for Contractor or Government field office(s), or any other temporary facilities used during the course of this contract.

- a. The Contractor shall obtain permission from Utilities Distribution foreman before starting any work on the electrical distribution system. Contact may be made by telephone at (907) 353-6130 or in person at building 3022.
- b. The Contractor shall provide all plant, labor, materials and supervision necessary for power hook-ups except for the final hook-up to the distribution system. Final hook-up will be accomplished by Post personnel (DPW Line-crews) who will close in the cutouts after inspecting all work.
- c. All work shall be accomplished in a workman like manner and in accordance with all applicable codes (NEC and NESC).
- d. All jobsite trailer(s)/building(s) shall be located a minimum of 20 feet from High Voltage power lines.
- e. The Contractor shall coordinate the final hook-up to the electrical distribution system with the Utilities Distribution foreman through the DPW Project Manager and Contracting Officer.

1.9 UTILITY OUTAGES - FORT WAINWRIGHT

The Contractor shall submit, in writing, a request for a utility outage to the Distribution Foreman (by FAX @ 907-353-6159 or hand delivered to Building 3022) with as much lead time as possible, but not less than five (5) working days prior to the requested utility outage date. The Contractor shall be responsible for verification of facsimile transmission to the Distribution Foreman by calling 907-353-7139. Contracting Officer shall be notified 5 days in advance of outages to occupied buildings to allow coordination with occupants.

All outages are to be scheduled to occur between 0800 and 1500 hours Tuesdays through Thursdays, but in no case shall the duration of the outage exceed four (4) hours. If outages exceed 4 hours Contractor shall provide temporary utilities to all facilities affected by lateral work.

The Contractor shall identify utilities affected (water, sewer, steam, condensate, electricity), the facilities affected, the exact locations, the duration of the outage, and a brief explanation of the work to be performed.

The Contractor may request utility outages outside of the normal accepted time frames and durations listed above; however, the acceptance of the request will be at the discretion of the Director of Public Works.

At the discretion of the Director of Public Works, and when deemed necessary for safety, efficiency, and mission impact, the Director of Public Works may direct the outage to occur during a specific day, or time of day, to minimize the impact to the affected buildings. Attached to this section, see utility matrix for utility requirements to each affected building.

1.9.1 Telephone and Cable Outages

For commercial telephone and cable outages, the Contractor shall make those requests directly to the provider. No excavation shall be allowed until the provider has located and marked the utility line.

1.9.2 Notification and Posting of Outage Notices

Notification and posting of scheduled outage notices will be conducted as follows:

For Contractor initiated outage requests, the Contractor is responsible for posting outage notices on all affected buildings a minimum of 24 hours before the outage. The Contractor is responsible for posting notices at all building entrances and for notifying the designated building manager either in person or telephonically. The DPW customer service office will provide the DPW Project Manager and the Contractor a listing of the names and phone numbers of the building managers for the affected buildings.

If the work cannot be completed within the outage time requested, and another outage is necessary, a new request shall be submitted and approval obtained in advance for the additional time required.

When the work cannot be completed within the outage time requested and the DPW shop personnel are required to stay beyond their normal duty day, the Contractor will be held responsible for all overtime costs associated with the outage.

Valve operations on active utilities will be performed by post personnel.

1.9.3 Emergency Outages

For emergencies when advance notification of a utility outage cannot be made, the following procedures apply:

The Contractor will notify the Utilities Distribution Foreman who will then notify the DPW Customer Service Office and the on-duty Fire Department Assistant Chief of the general information and circumstances relating to the outage. The information to be provided includes the utility affected (i.e. water, steam, or power), the general area of the affected outage and/or the specific buildings affected. The Utilities Foreman will provide periodic updates to the Customer Service Office during extended outages.

1.10 DISPOSITION OF MATERIALS

Combustible and noncombustible waste material shall be disposed of in the Ft. Wainwright Landfill. No burning of materials will be permitted.

The landfill will be open by appointment only during the following hours (excluding Federal holidays): Monday - Thursday 0800 to 1600 hours and Friday 0800 to 1500 hours subject to the conditions listed below: A landfill Authorization Card will be required for each Contractor. The Contractor shall obtain the Authorization Cards from the Ft. Wainwright Environmental Office, Building 3023; phone 353-6249. Load sheets will be required for each load at the landfill gate per current practice. Questions concerning disposal of solid waste at the Ft Wainwright Landfill can be addressed to the Ft Wainwright Environmental Office at 353-6249.

Construction Debris:

- a. Access must be coordinated at least one day in advance with DPW Grounds Maintenance Shop at 353-7192.
- b. Contents of the load must be construction materials only with no mixed garbage such as food containers or other household type refuse. Mixed loads will be refused.

Asbestos:

- a. Loads must be properly documented.
- b. Access must be coordinated at least one day in advance with DPW Grounds Maintenance Shop at 353-7192.
- c. Delivery time must be coordinated at least four hours before the landfill closes for the day to allow the operator enough time to cover the material before the landfill closes.
- d. Disposal of asbestos waste is allowed in accordance with the following requirements; submit to the landfill operator a completed asbestos manifest form with each load of Asbestos Containing Material (ACM). ACM shall be segregated from non-asbestos containing building debris (the Ft. Wainwright landfill will not accept whole-building waste streams for disposal in the asbestos cell), properly contained in leak-tight containers and labeled. Labeling shall include description of contents, ACM source location (building number or utilidor location), and the Contractor's name and contract number for identification purposes.

Containers may be barrels, drums, or six-mil or thicker plastic bags. The ACM waste shall be placed in approved locations only as directed by the landfill operator. All containers shall have warning labels attached that state:

CAUTION CONTAINS ASBESTOS AVOID OPENING OR BREAKING CONTAINER BREATHING ASBESTOS IS HAZARDOUS TO YOUR HEALTH

OR

CAUTION CONTAINS ASBESTOS AVOID OPENING OR BREAKING CONTAINER BREATHING ASBESTOS DUST MAY CAUSE SERIOUS BODILY HARM

Prohibitions and Special Restrictions:

- a. Scavenging and Salvaging is prohibited.
- b. Disposal of hazardous wastes, as defined by 40 CFR 261 is prohibited. Ensure waste meeting this definition is disposed of in accordance with 40 CFR 262, Standards Applicable to Generators of Hazardous Waste.
- c. Disposal of raw sewage, liquids, radioactive material, explosives, oil, solvents, strong acids, untreated sewage sludge, septage, untreated pathogenic, and other waste defined under 18 AAC 60.910(28) is prohibited at this facility.

- d. Disposal of lead-acid vehicle batteries is prohibited.
- e. Disposal of polluted soil as defined by 18 AAC 60.025 & 330 is prohibited.
- f. Disposal of trash other than construction debris is prohibited.
- g. Drums must be empty and cleaned of fluids prior to crushing. All drums must be crushed and flattened prior to disposal.
- h. Ensure that if scrap vehicles are accepted at the landfill, they are drained of all oil and petroleum products and lead-acid batteries are removed prior to disposal.
- i. Any trees, shrubs or other vegetation that is to be disposed of in the Ft. Wainwright landfill shall be chipped prior to disposal. This requirement applies to all shrubs, vegetation and trees with a base diameter of 3 inches or less. All trees with a base diameter of greater than 3 inches shall be salvaged for public use. All waste materials from the salvage operations shall be chipped and disposed of in the landfill.

1.10.1 Landfill Cover Requirements

All construction and asbestos containing material (ACM) debris placed in the landfill by the Contractor's operations shall be covered daily. The Contractor shall provide all plant, labor, material, equipment and supervision necessary to cover all construction and ACM debris deposited in the landfill generated by this project's construction operations. The Contractor shall be responsible for providing cover in accordance with the requirements listed below and in accordance with all local, State, and Federal regulations. This work is considered incidental to the project requirements and no separate payment will be made for this work.

1.10.1.1 Cover Layer Requirements

- a. The material used to cover the construction debris and ACM cells shall be obtained from an approved source(s). See additional requirements listed in paragraph Cover Material Source below.
- b. Material shall be spread in sufficient quantity and loose thickness to ensure that when compactive effort is applied that the cover material will consolidate easily and uniformly, and that all debris is covered. Loose cover material shall be spread in such a manner in a thickness so as to preclude damage to bagged ACM. Exposed debris or bagged ACM will not be allowed.
- c. The maximum compacted thickness shall be 12 inches minimum and 24 inches maximum.
- d. Compactive effort shall be applied uniformly across the entire surface employing equipment of a type specifically designed for use in this type of environment. Required compactive effort shall be equivalent to 3-passes of a D-6 dozer or heavier piece of equipment over the entire surface to be covered.

1.10.1.2 Cover Material Source

There are no borrow sources available at Ft. Wainwright, suitable cover material shall be provided from a source outside of Ft. Wainwright.

The Contracting Officer shall approve that source. This material shall meet the requirements outlined in the paragraph entitled NON-GOVERNMENT BORROW SOURCES.

The Contractor shall provide all plant, labor, equipment and supervision necessary for the acquisition, transport and off-loading of the cover material at the landfill.

1.10.1.3 On-site Equipment Storage

Storage of equipment associated with this effort may be stored within the boundary of the landfill. It is the Contractor's responsibility to safeguard against unauthorized access and operation of equipment during non-duty hours.

1.11 TESTS

The Contractor shall provide testing by an independent COE approved testing laboratory, except where specifically noted to be performed by the Government, in accordance with SECTION 01451 CONTRACTOR QUALITY CONTROL.

1.12 WARRANTY OF CONSTRUCTION

a. In addition to any other warranties in this contract, the Contractor warrants, except as provided in subparagraph "i" herein, that the work performed under this contract conforms to the contract requirements and is free of any defect of equipment, material, or design furnished, or workmanship performed by the Contractor or any subcontractor or supplier at any tier.

b. This warranty shall continue for a period of 1 year from the date of final acceptance of the work. If the Government takes possession of any part of the work before final acceptance, this warranty shall continue for a period of 1 year from the date the Government takes possession.

c. The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to Government-owned or -controlled real or personal property, when that damage is the result of:

1. The Contractor's failure to conform to contract requirements; or
2. Any defect of equipment, material, workmanship, or design furnished.

d. The Contractor shall restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced will run for 1 year from the date of repair or replacement.

e. The Contracting Officer will notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect,

or damage.

f. If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the Government shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense.

g. With respect to all warranties, expressed or implied, from subcontractors, manufacturers, or suppliers for work performed and materials furnished under this contract, the Contractor shall:

1. Obtain all warranties that would be given in normal commercial practice;
2. Require all warranties to be executed, in writing, for the benefit of the Government, if directed by the Contracting Officer; and
3. Enforce all warranties for the benefit of the Government, if directed by the Contracting Officer.

h. In the event the Contractor's warranty under subparagraph "b" herein has expired, the Government may bring suit at its expense to enforce a subcontractor's, manufacturer's, or supplier's warranty.

i. Unless a defect is caused by the negligence of the Contractor or subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material or design furnished by the Government nor for the repair of any damage which results from any defect in Government-furnished material or design.

j. This warranty shall not limit the Government's rights under the Inspection of Construction clause of this contract with respect to latent defects, gross mistakes, or fraud.

k. Defects in design or manufacture of equipment, specified by the Government on a "brand name and model" basis, shall not be included in this warranty. In this event, the Contractor shall require any subcontractors, manufacturers, or suppliers thereof to execute their warranties, in writing, directly to the Government.

1.12.1 Failures

Upon receipt of notice from the Government of failure of any part of warranted items during the warranty period, the affected part or parts shall be promptly replaced. Such replacement shall include furnishing and installing the necessary new part or parts, making all necessary repairs, restoring the affected item to the operating condition specified in this contract and making all such tests as are necessary to ensure that there are no remaining defects. Such tests shall be performed in the presence of representatives of the Using Agency indicated below. Upon final acceptance of the work or transfer of responsibility to the Government for operation and maintenance of the items covered, whichever is earlier, the Contractor shall be responsible to the Using Agency for the warranty provisions of this contract. A letter stating the applicable warranty provisions shall be furnished to the Contracting Officer in duplicate, in the format and text shown in the sample letter attached to this section.

Attn: APVR-WPW-EN Directorate of Public Works
3015 Montgomery Road, #6500
Fort Wainwright, Alaska 99703-6500

1.12.2 Warranty Tag

See specification section 01780, paragraph 1.3.5, Close-out Submittals for Warranty Tag Information.

1.13 CAMP FACILITIES

There are no Government owned camp facilities at the jobsite for the Contractor's use.

1.14 PARTNERING

The Government intends to encourage the foundation of a cohesive partnership with the Contractor and its subcontractors. This partnership will be structured to draw on the strengths of each organization to identify and achieve reciprocal goals. The objectives are effective and efficient contract performance, intended to achieve completion within budget, on schedule, and in accordance with plans and specifications.

This partnership will be bilateral in makeup, and participation will be totally voluntary. Implementation of this initiative will be a topic of discussion at the Preconstruction Conference. Other recurring or special purpose meetings, as agreed between the Government and the Contractor, will be held as necessary to resolve contentious issues and maintain the partnering spirit.

1.15 OPERATION AND MAINTENANCE (O & M) MANUALS

One hard copy and one electronic CD ROM (matching hard copy) shall be submitted to the Contracting Officer not later than 30 days prior to scheduled contract completion. Failure to submit manuals by this date will be considered cause to withhold any payments due the Contractor. All equipment manual materials shall be durable, clearly printed or reproduced copies, not more than 8-1/2 x 11 inches in size, or neatly folded to that size without overlapping into the binding. Materials shall be indexed and bound in stiff covers with tab separators. Approval of manuals shall be obtained prior to scheduling operating tests and field training courses.

1.16 HEALTH HAZARD ASBESTOS

Minor amounts of asbestos may be present within building materials encountered while working with existing insulation, piping and equipment. The Contractor shall determine the presence of asbestos and, if present, notify the Contracting Officer immediately and provide safeguards and disposal methods, including work practices, respiratory protection and industrial hygiene measures, that satisfy 29 CFR 1910 and 29 CFR 1926.58. An equitable adjustment will be made to the contract for additional work required if asbestos is present. Removal and disposal shall also satisfy 40 CFR 61.140 through 61.156, with disposal satisfying 61.146(c)(1).

1.17 EARTHQUAKE-RESISTANT EQUIPMENT SUPPORTS

All items of electrical, mechanical, and other installed equipment shall be mounted to prevent damage from lateral motion caused by earthquake. Restraints for seismic loading shall comply with requirements in TI 809-04. Items of suspended or supported equipment subject to causing damage by swaying or tipping shall be cross-braced or laterally secured to the building structure. Any items of equipment mounted without rigid restraint of lateral motion shall have sufficient clearances and flexibility of associated wiring, piping, or other connections to accommodate the full range of such motion as might occur.

1.18 NPDES

Work shall comply with EPA National Pollutant Discharge Elimination System (NPDES General Permit No. AK-R-10-0000 for Construction Activities). See SECTION 01356 STORMWATER POLLUTION PREVENTION MEASURES for additional specific requirements.

1.19 NON-GOVERNMENT BORROW SOURCES

The Contractor shall check any non-Government, proposed borrow sources for the presence of hazardous substances and petroleum products as defined in ASTM E 1527. The publication includes guidance on previously examined sites. A Phase I Environmental Site Assessment, also as defined therein, shall be submitted for each proposed borrow site as a supplement to the Environmental Pollution Control Plan specified in SECTION 01411 ENVIRONMENT PROTECTION. The report shall identify any previous or current presence of hazardous substances at the site, regardless of whether they have been, or can be, released to the environment. The Assessment shall be performed under the direct supervision of an independent, registered professional engineer, currently licensed by the State in which the borrow source is located, and within such time frame as will ensure reports are valid when submitted. The engineer shall have a minimum of 3 years experience in performing satisfactory Environmental Site Assessments. All reports shall be certified in writing by the engineer and submitted in the standard format specified in the referenced publication, through the Contracting Officer, to the Post Environmental Office for review. Reports shall be submitted at least 30 days prior to needing borrow materials in the work. The qualifications of the engineer performing the Assessment shall be included with the report. Where hazardous materials are indicated, use of the source will not be allowed. No borrow materials shall be brought onto Government property without approval of the Contracting Officer. The Government reserves the right to sample and test any borrow materials delivered to the project for conformance with this specification.

1.20 BIRDS' PROTECTION

Federal and State law protects the Cliff Swallows that build mud nests on Base/Post facilities. Once the Cliff Swallow establishes nest and lays birds eggs, then the nest cannot be removed or annoyed until the nests are no longer occupied. Forcing or annoying the birds to abandon an occupied nest is a violation of State and Federal law. Any work including demolition of known Cliff Swallows nesting areas (i.e., eaves, porches, entranceways, tanks, etc.) shall be done prior to 10 May or after 1 August to avoid project delays.

The Contractor shall initiate a program to remove the partially completed nests daily from 10 May to 21 July to avoid work stoppage.

The Contractor is responsible for all or any delays and charges filed by U.S. Fish and Wildlife Service and the State of Alaska Department of Public Safety due to his/her negligence in removing and/or annoying such established nests.

1.21 REQUIRED UTILITY SERVICES

The Contractor will be required to provide full temporary utilities and services for each facility affected by any outages during the execution of this contract, using materials that meet NSF 61 requirements.

1.21.1 Utility Service Plan

The Contractor shall provide a detailed plan, for Government approval, indicating the Contractor plans to maintain utility services to all facilities during the performance of this contract. Contractor shall submit the Utility Service Plan in tabular form and shall include a corresponding site plan for each facility affected. Due to the large number and diversity of facilities affected, the Contractor shall allow 30 calendar days for review, coordination and approval of the plan. If revisions are necessary, the Contractor shall adjust the plan as necessary and resubmit the revised plan for approval. The Contractor shall provide a revised plan within 7 calendar days and allow an additional 15 calendar days for review, coordination, and approval of the revised plan. No construction operations may begin until approval of the Utility Service Plan has been obtained. If project construction will be performed in stages, the Contractor is responsible to obtain Interim Approval from ADEC to operate completed water line sections.

1.21.2 Utility Line Isolation In Utilidor

The Contractor shall isolate all water, sewer, and steam and condensate lines with flanged connections, gaskets, and bolted-on blind flanges. All lines 2 inches NPS and larger shall employ welded slip-on flanges, and all lines smaller than 2 inches NPS may be welded slip-on or screwed-on flanges at the Contractor's option. All work and materials accomplished/provided shall meet the requirements as outlined below:

- a. SECTION 05093 WELDING PRESSURE PIPING
- b. SECTION 02559 HEAT DISTRIBUTION SYSTEMS IN UTILIDORS AND MANHOLES

The Contractor shall coordinate temporary utility outages with the Post Utility Foreman. A minimum of 5 days advanced notice will be required for the outage. Once the outage is in effect, the Contractor shall expedite the isolation operations so as to minimize the utility disruption. Post personnel will perform actual valve operations.

1.21.3 Temporary Water Lines

All temporary potable water lines shall be disinfected in accordance with SECTION 02511 WATER DISTRIBUTION SYSTEMS IN UTILIDORS. Temporary water lines must comply with NSF 61 material requirements.

1.22 TEMPORARY UTILITY REQUIREMENTS

It is the Contractor's responsibility to carefully review the requirements of this paragraph, field verify the information provided for accuracy, and seek clarification/guidance/direction from the

Contracting Officer for any questions. If Contractor believes any outage information or details were overlooked, the discrepancy(s) should be brought to the Contracting Officer's attention and resolved.

AM #2...The Contractor shall obtain approval from ADEC for temporary utilities before they are put into service for this project. The submittal checklists are available from ADEC at:

State of Alaska
Department of Environmental Conservation
Northern Regional Office
610 University Ave.
Fairbanks, AK 99707-3643...**AM #2**

1.22.1 Utilidor/Building Heating Prohibitions

Temporary heat for the utilidor or buildings shall not be accomplished with electricity. Buildings shall be heated using the same medium as is currently in use. The utilidor shall be heated using form of unit heaters, steam or oil fired forced air heat (i.e. salamander) or some other alternate method of the Contractor's devising. Whichever heating medium the Contractor elects to employ, that method shall be coordinated through the Contracting Officer.

1.22.2 Materials List for Temporary Utility Services

The Contractor shall submit a list of all materials used in providing temporary utilities for this project. This list shall be provided in tabular form and include the following:

- a. Building number
- b. Material type(s) and size(s)
- c. Intended usage

1.22.2.1 Environmental Protection for Temporary Sewer System

The Contractor shall submit, as part of his TEMPORARY UTILITY PLAN, an environmental protection segment that specifically addresses how the Contractor will deal with unintended discharge of raw sewage onto the ground or in the utilidor. The plan shall include the following:

- a. Primary POC (name and phone #).
- b. Alternate POC (name and phone #).
- c. Monitoring/maintenance person (this person shall be capable of operating/maintaining/repairing the equipment and components).
- d. Containment plan complete with a list of equipment/materials to be employed to contain the discharge.
- e. Cleanup plan.
- f. Personnel health and safety plan.
- g. Notification plan in the event of an unintended discharge of raw sewage.

1.22.3 Steam

The only time a building can be without steam is 1 JUNE through 1 SEPTEMBER. This exemption for steam service does not apply if full utilities are required at all times for a particular building (see below).

1.22.4 Sewer

Work at intersection of Meridian and Montgomery Rd will require temporary sewer for all buildings from the east, and the following buildings from the west:

- a. 3015
- b. 3026
- c. 3021
- d. 3020

1.22.5 Water

Work at intersection of Meridian and Montgomery Rd will require temporary water for Buildings 3008, 3011, and the following buildings from the west:

- a. 3015
- b. 3026
- c. 3021
- d. 3020

1.22.6 Electrical

1.22.6.1 Electrical Power Outages 4-hour Maximum Duration

If for some reason electrical power will be affected, the following buildings cannot have an outage lasting more than 4 hours:

- a. 3008
- b. 3011
- c. 3015
- d. 3026
- e. 3021
- f. 3020
- g. 3033
- h. 3031

1.22.7 Special Temporary Utilities Requirements

1.22.7.1 Commissary/PX facility (Building 3703 complex)

Full temporary utilities will be required at all times for this facility. No outages of any kind are permitted.

1.22.7.2 Building 3730

Temporary sewer and water are required for this facility. If steam is cut off from 1 JUNE through 1 SEPTEMBER, the Contractor must provide Building 3730 with temporary hot water pressure washers that provide equivalent service as the units that would be knocked off line by a steam outage.

1.22.7.3 Physical Fitness Center (PFC)

The PFC (Building 3709) will require full temporary utilities at all times. If any temporary utility outage is necessary, it is only permitted after PFC business hours, and IAW any other requirements noted above.

1.23 COORDINATION OF WORK

Traffic control plan shall be submitted 60 days in advance of construction commencement. Any changes or modifications to the traffic control plan will require an additional 30-day Government review period.

Detour and construction signage must be posted 7 days in advance of any closure or detour. Detours, temporary roads and closures must be coordinated through the Contracting Officer. Notification to newspapers & TV must be coordinated 30-days in advance of construction.

Montgomery Road at Meridan may be closed for a maximum of 2 months.

Meridan may not be closed during construction, except for small, regional detours. Access to the Physical Fitness Center from Meridan must remain open at all times.

The main access to the Commissary from Oak Avenue must remain open for truck deliveries. Also access to Commissary parking must remain open.

Provide access for local traffic on all roads.

During closure of Meridian road, traffic shall be routed onto Whidden road. This road shall be used for two way traffic until completion of the intersection at Meridian and Montgomery. The Contractor shall install a temporary traffic light, complete with traffic controller. The traffic light controller shall include a means of sensing traffic when present at Whidden Road waiting to pull onto Gaffney. Appropriate signage shall be supplied for other roads affected during this revision.

The road shall be restriped for two way traffic and returned to one way striping upon completion of the work. Restriping of lanes shall be utilized in place of lane separation cones.

2-way detour traffic (off existing paved roads) access with 13 foot wide lanes must be maintained.

During closure of Neely Road, traffic shall be detoured and temporary roads shall be constructed to provide vehicle and delivery truck access

to Building 3727 (Arts and Craft Shop) and Building 3728 (DFAC) from Oak Avenue. In the event that construction interferes with permanent parking areas around the buildings, temporary parking areas shall be constructed by Contractor, with access from Oak Avenue. Temporary roads crossing drainage ditches shall be temporarily culverted or bridged. Access to Building 3726 (Post Office) from Meridian Road shall remain open. A pedestrian crossing must be provided across Neely Road to allow access. Temporary roads and parking shall be established and maintained as specified in SECTION 01500.

1.24 SCHEDULING OF WORK

The Contractor shall limit his work between 0600 hours and 2200 hours everyday while working within the Barracks vicinities (Building Number 3706, 3707 and 3708). Construction noise shall be kept to minimum and without disturbing the Barracks' residents daily activities.

1.25 PHASING OF WORK

The base bid item shall be accomplished in the following order: Montgomery Road and Oak Avenue shall be completed first prior to start working on Neely Road. Bid item 0009 (Option 8) Electrical Feeder 12-13 can be worked on at any time if awarded.

1.26 ATTACHMENTS

Required Utility Services During Construction

Institutional Controls

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

S A M P L E L E T T E R

Contracting Officer
Date _____
Address (as stated in Notice of Award)

SUBJECT: Warranty Provisions, Contract

GENTLEMEN:

This is to acknowledge our responsibility in connection with the warranty provisions of this contract as set forth in the contract specifications.

The following items, equipment or systems furnished or installed under this contract are hereby warranted against defective design, material and workmanship for a period as indicated:

| Warranted Item, at Equipment or System Time | Identification Serial Number, Etc. | Warranty Expires 11:59 PM Std. |
|--|---------------------------------------|-----------------------------------|
| _____ | _____ | |
| _____ | _____ | |
| _____ | _____ | |
| _____ | _____ | |

Upon receipt of notice from the Government of failure of any part or parts of the warranted item, equipment, or system during the warranty period, the affected part or parts will be replaced promptly with new parts. Such replacement will include furnishing and installing the new part or parts, making all necessary repairs, restoring the item, equipment, or system to the operating condition specified in this contract and making all such tests as are necessary to ensure that there are no remaining defects. Such tests will be performed in the presence of the Representative of the Using Agency indicated below.

We are responsible to _____ for the warranty provisions of this contract. Correspondence regarding the failure of any of the preceding items, equipment or systems covered by the warranty provisions of this contract should be addressed to:

_____ Telephone Number: _____

Very truly yours,

Signed: _____
Title: _____
Organization: _____

REQUIRED TEMPORARY UTILITIES DURING CONSTRUCTION

The following is a list of the facilities affected by this contract and the required temporary utilities that must be provided.

See attached matrix showing required utility service during construction.

For clarification, the term "full utilities required" shall be interpreted by the Contractor as including, as a minimum, the following:

- a. Water
- b. Sewer
- c. Steam (supply and condensate return)
- d. Electricity
- e. Gas (to include - propane, fuel oil, etc.)

| SCHEDULE: REQUIRED UTILITY SERVICE DURING CONSTRUCTION | | | | | | | | | | |
|--|-----------------------------------|--------------|---------------------|------------------|-----|-----|------|-------|---|--|
| BLDG. NO. | OCCUPANT | NO. OF OCC. | BLDG. TYPE | SERVICE REQUIRED | | | | NOTES | POCS | |
| | | | | STM | WTR | SWR | ELEC | | | ALARM |
| 2085 | 68th MED | 50 (est.) | Hangar 6 | 5 | 1 | 1 | 1 | 1 | This Hgr is an alternate maintenance location for occupants displaced from Hangars 2 & 3. | CPT Kevin Rapp, SGT Sturgill, 3-6877 |
| 2104 | COE NAO | 50 (est.) | 1 story office | 1 | 1 | 1 | 1 | 1 | "Mission critical" facility | Phil Salmon |
| 2106 | FWA Mobility Complex (DPTSM) | 40 (est.) | Hngr 4 & 5 | 5 | 5 | 5 | 1 | 1 | Bldg was vacated (both sides) for hangar door job. Hgr 4 is normally unused, Hgr 5 was formerly used for aircraft parts whse. | |
| 2108 | Deluge Bldg. | 0 | tank & pumphoom | 4 | 1 | 1 | 1 | 1 | Knocking this bldg off line requires Hangar 4/5 to be vacated of aircraft. | POC: Dave Kramer, FWA Water Plant, 3-7108 |
| 2107 | Education Annex | 9 - 110 | office / classrooms | 1 | 1 | 1 | 1 | 1 | There are 48 parking spaces between bldgs 2107 and 2110. "Mission critical" facility. | Richard Mauer, 3-7270 |
| 2110 | Education Center | 9 - 60 | office / classrooms | 1 | 1 | 1 | 1 | 1 | "Mission critical" facility. Located west of bldg 2107 | Richard Mauer, 3-7270 |
| 3000 | Flight Simulator Facility (DPTSM) | 15-50 | training bldg | 1 | 1 | 1 | 1 | 1 | "Mission critical" facility | Civ'n. manager: J.D Smith or Mark Paully, 3-7095 or -7098 |
| 3004 | FWA Fire Sta. No. 1 | 15 full time | fire station / dorm | 1 | 1 | 1 | 1 | 1 | "Mission critical" facility. Can fill fire trucks at hydrants if necessary. Have their own standby genset to use for short outages. | NAO now in Bldg. 3025 2014 is now SBCT admin. space Diff POC |
| 2998 | Haz. Stor. Shed | 0 | Canopy w/ fence | 2 | 2 | 2 | 2 | 2 | No utilities. | Chief Mark Howdeschell, 3-7417 or SFC Lein 3-7460 |

| SCHEDULE: REQUIRED UTILITY SERVICE DURING CONSTRUCTION | | | | | | | | | | |
|--|---|-------------|-------------------|------------------|-----|-----|------|-------|--|---|
| BLDG. NO. | OCCUPANT | NO. OF OCC. | BLDG. TYPE | SERVICE REQUIRED | | | | NOTES | POCs | |
| | | | | STM | WTR | SWR | ELEC | | | ALARM |
| 3003 | DPW's raw water point | 0 | CMU well-house | 4 | 2 | 2 | 1 | N/A | Bldg has its own well. Built in 1944. Has steam for heat, but well is only used in summer months. Has a connection to utilidor piping (pipes are boxed, and box filled with sawdust for insulation). Will have to temporarily flange off connection to utilidor piping so well-house can be used by KTRs for dust control. | POC: Dave Kramer, FWA Water Plant, 3-7108 |
| 3010 | 4-123rd Av. Btn. | 70 - 170 | Battalion HQ | 1 | 1 | 1 | 1 | 1 | "Mission critical" facility. Has 2 classrooms. | Sgt Johnson (S4), 3-7767 |
| 3005 | A Co. & HHC 4th Btn, 123rd Av. | 50 | Hangar 3 | 5 | 5 | 5 | 1 | 1 | Will need to remove aircraft during work. Maybe FD will allow work on aircraft near door, w/ Tug attached. See note for Hgr 2, below. | Chief Mark Howdeschell, 3-7417 or SFC Lein 3-7460 |
| 3006 | HHC Storage | 0 | Butler style bldg | 2 | 2 | 2 | 2 | 2 | Might be tom down | Chief Mark Howdeschell, 3-7417 or SFC Lein 3-7460 |
| 2999 | Haz. Stor. Shed | 0 | Canopy w/ fence | 2 | 2 | 2 | 2 | 2 | No utilities. Located between Hgrs 2 & 3 | |
| 3008 | A Co. 4th Btn, 123rd Av. | 60 | Hangar 2 | 5 | 5 | 5 | 1 | 1 | 123rd's mechanics can use Hangars 6 or 7/8 as alternate maintenance points. | CPT. Groh (she) 3-6856 |
| 3011 | Facilities Engr. Fire Prot. Water Res. #1 | 0 | Water reservoir | 4 | 2 | 2 | 1 | 1 | Knocking this bldg off line requires Hangars 2 & 3 to be vacated of aircraft. | POC: Dave Kramer, FWA Water Plant, 3-7108 |
| 3009 (west) | "Miles Warehouse" | 0 | Butler style whse | 2 | 2 | 2 | 2 | 2 | Scheduled for demo | |

| SCHEDULE: REQUIRED UTILITY SERVICE DURING CONSTRUCTION | | | | | | | | | | |
|---|--------------------------------------|-------------|-------------------|------------------|-----|-----|------|-------|---|---|
| BLDG. NO. | OCCUPANT | NO. OF OCC. | BLDG. TYPE | SERVICE REQUIRED | | | | | NOTES | POCs |
| | | | | STM | WTR | SWR | ELEC | ALARM | | |
| 3009 (east) | Training Support Cntr. Stor. (DPTSM) | 0 | Butler style whse | 2 | 2 | 2 | 2 | 2 | Scheduled for demo | Employee on site said they were told to vacate bldg by OCT 01. POC: Mike Czopek, 356-3570 |
| 2109 | Military Working Dog Kennel | 10 | 1 story | 5 | 1 | 1 | 1 | 1 | "Mission critical" facility. Requires pressurized potable water and temporary sewer | |

Notes:

- 1 Requires full temporary utilities.
- 2 Can be off during summer months (no utilities).
- 3 Requires a minimum of (2) porta-potties, (2) hand-wash stations, (2) bottled water stations.
- 4 No steam outages may occur before 15 May or after 15 October.
- 5 For manned facilities other than "Mission Critical" where outages are anticipated to last more than 2 weeks, the Contractor shall provide full temporary utilities.

SCHEDULE: REQUIRED UTILITY SERVICE DURING CONSTRUCTION

| BLDG. NO. | OCCUPANT | NO. OF OCC. | BLDG. TYPE | SERVICE REQUIRED | | | | | NOTES | POCS |
|-----------|-------------------------------------|-------------|-----------------------|------------------|-----|-----|------|-------|-----------------------------|---|
| | | | | STM | WTR | SWR | ELEC | ALARM | | |
| 3706 | UPH Barracks, A CO 2-1 INF REGT | 56 | 3-story barracks | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | SPC Theodore Reeder, 353-1468 |
| 3707 | Company Admin | 70 | 1-story office | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | SPC Theodore Reeder, 353-1468 |
| 3708 | UPH Barracks, 172nd SPT BN | 56 | 3-story barracks | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-2304 |
| 3711 | UPH Barracks, 562nd ENG | 56 | 3-story barracks | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | MSG David Devers, 353-7658 / 1358 |
| 3712 | Company Admin | 70 | 1-story office | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-1471 |
| 3713 | UPH Barracks w/ Co HQ | 56 | 3-story barracks | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-2184 |
| 3716 | UPH Barracks | 56 | 3-story barracks | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | CPT Anne Bailey, 353-2231, anne.bailey@wainwright.army.mil |
| 3717 | Company Admin | 70 | 1-story office | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-2304 |
| 3718 | UPH Barracks, 4-123rd AVN | 56 | 3-story barracks | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-6283 and 353-1276 |
| 3719 | UPH Barracks, 4-123rd AVN REG | 56 | 3-story barracks | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-1157 |
| 3720 | UPH Barracks, 4-123rd AVN, B Co | 56 | 3-story barracks | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-9652, 1SG |
| 3721 | TRANSIENT UPH, DPW | 0 - 100 | 3-st, former barracks | 5 | 5 | 5 | 1 | 1 | | DPW, POC: 353-7287 |
| 3722 | Company Admin | 30 | 1-story office | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-6267 |
| 3723 | Floor 2 & 3 // 562nd ENG | 0 - 100 | Transient barracks | | | | | | | MSG David Devers, 353-7658 / 1358 |
| 3723 | South 1/2 of 1st floor // 562nd ENG | 6 | Co Admin | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | SSG John Saucedo, 353-2939 |
| 3723 | North 1/2 of 1st floor // ACAP | 10 | ACAP Admin | | | | | | | ACAP, 353-2099 |
| 3724 | Sewage | 0 | Sewage Lift Station | 1 | 1 | 1 | 1 | ? | "mission critical" facility | POC: 353-7139, Charlie Davenport, DPW-U |
| 3726 | USPS | 4 | Post Office | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 452-3237, lola.f.hargrave-fuller@usps.gov |
| 3727 | Rec Services, Arts & Crafts Shop | 50 | 1-story Shop | 4 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-7311 |
| 3728 | DFAC | 300 | Dining Facility | 1 | 1 | 1 | 1 | 1 | "mission critical" facility | POC: 353-1157 |

Notes:

- 1 Requires full temporary utility.
- 2 Total outage for the noted utility may occur between 15 May and 1 September
- 3 Requires a minimum of (2) Porta-Potties, (2) hand-wash stations, (2) bottled water stations.
- 4 No steam outages may occur before 15 May or after 1 September
- 5 Where outages are anticipated to last more than 2-weeks, the Contractor shall provide full temporary utilities.



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY ALASKA
600 RICHARDSON DRIVE #8000
FORT RICHARDSON, ALASKA 99505-5000



APVR-RPW-EV (200-1c)

APR 25 1999

MEMORANDUM FOR SEE DISTRIBUTION

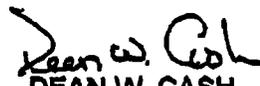
SUBJECT: Institutional Controls

- 1. All organizations conducting activities on United States Army Alaska (USARAK) controlled land are responsible for complying with established institutional controls. Institutional controls are administrative measures to control property usage and are applicable to all known or suspected contaminated sites. Institutional controls such as water use and property transfer restrictions will supplement engineering controls as appropriate for short- and long-term management to prevent or limit exposure to hazardous substances, pollutants, or contaminants. Institutional controls include, among other things: limiting excavation, restricting use of groundwater, or prohibiting certain land uses. For example, organizations must obtain an Excavation Clearance Request (see enclosure) for all soil disturbing activities impacting soils six inches or more below the ground surface. Excavation Clearance Requests are available at the Public Works Customer Service Desks at Building 730 at Fort Richardson, Building 3015 at Fort Wainwright, and Building 605 at Fort Greely.**
- 2. In addition, USARAK has issued decision documents and/or Records of Decision (RODs) which require the implementation of institutional controls. USARAK Public Works, Real Property maintains copies of all decision documents and RODs requiring institutional controls in its real property files. USARAK Public Works, Master Planning will provide regularly updated post maps showing all areas affected by institutional controls. Copies of these maps will be available to each directorate, activity, and tenant organization. To ensure the effectiveness of institutional controls, all organizational units and tenant activities will be informed on an annual basis of institutional controls on contaminated soils and groundwater in effect on USARAK property.**
- 3. Institutional controls are enforceable by the U.S. Environmental Protection Agency (EPA) and the State of Alaska, Department of Environmental Conservation (ADEC). Failure to comply with an institutional control adopted in a decision document or ROD signed by USARAK, U.S. Army Pacific, or the Department of the Army, may violate a USARAK Federal Facility Agreement and may result in stipulated fines and penalties. This does not include the costs of corrective actions required due to violation of an established institutional control.**

APVR-RPW-EV
SUBJECT: Institutional Controls

- 4. Where institutional controls are applicable to any organization, tenant, or activity, land use restrictions shall be incorporated into either a lease or memorandum of agreement, as appropriate.**
- 5. Costs for any and all remedial actions and fines and/or stipulated penalties levied as a result of a violation of an established institutional control shall be funded by the violating activity or organization.**

End
Excavation Clearance Request


DEAN W. CASH
Major General, USA
Commanding

DISTRIBUTION:
A

**EXCAVATION CLEARANCE REQUEST
 DIRECTORATE OF PUBLIC WORKS, FORT WAINWRIGHT, ALASKA**

**NOTE: Locates require 72-hour notice
 (except where indicated)**

Request clearance to proceed with work at _____
 (specific location)

Work Order /Contract # _____ Contractor: _____ POC Name/Phone _____

TYPE OF WORK REQUIRED: (provide brief but complete description of work to be performed)

| Project Dates _____ thru _____ | Above Construction Checked for Conflicts with the Following: | | |
|--|--|------------------|-------|
| Department | Conflict | Signing Official | Date |
| Electric Shop, Bldg. 3022 (East) 353-6777 (Interior Elect. & Alarm) | Yes No | _____ | _____ |
| Utility Shop, Bldg. 3022 (West) 353-7139 (Steam, Water, Sewer) | Yes No | _____ | _____ |
| Power Distribution, Bldg. 3022 (West) 353-7139 (Overhead Electric) | Yes No | _____ | _____ |
| Environmental, Bldg. 3023 353-6686 | Yes No | _____ | _____ |
| Engineering, Design/Contract Mgmt, Bldg. 3015 353-6243 | Yes No | _____ | _____ |
| Fire Dept. Bldg. 3004 353-6488 (Use of Hydrant Sys/Road Closure) | Yes No | _____ | _____ |
| Telephone Sys. Bldg. 1080 353-6101 (A Co. 408 Sig. Bn) | Yes No | _____ | _____ |
| Communications 478-3082 (24 hour notice) | Yes No | _____ | _____ |
| Cable Network phone 482-5108 | Yes No | _____ | _____ |

Explanation of Conflicts Identified Above (annotate on drawings):

If Required:
 Alaska Railroad if excavating within 100 feet of railroad right of way 607-265-2401 (10 day notice required)
 Arma Arca Bldg. 2200 353-6440 (Security Only)
 Provost Marshall Bldg 3028 353-7836 (Road Closure Only)
 Customer Service Desk, Bldg. 3015 353-7870 (Utility Outages Only)

Special Requirements Note: INSTITUTIONAL CONTROLS AREA - POTENTIALLY CONTAMINATED AREA, SPECIAL PRECAUTIONS APPLY - SEE SOP and NOTE REQUIREMENTS #6 AND #7 BELOW

- This clearance authorizes commencement of excavation work only and is NOT A NOTICE TO PROCEED OR WORK AUTHORIZATION.
- This excavation clearance is effective upon the date of signature by DPW official below; EXCAVATION SHALL COMMENCE WITHIN 30 CALENDAR DAYS.
- Requester will provide two copies of required work site drawings with excavation clearance request. DPW will retain one copy of these drawings.
- Requester will retain original completed excavation clearance request. DPW will retain a copy of the request.
- Boring locations must be marked on a 1/100 scale drawing.
- All soil to be removed from the work site shall be disposed of in accordance with guidance from the DPW Environmental Resources Dept.
- An after action report concerning work at sites where institutional controls are in place shall be submitted to DPW Environmental Resources Dept. NLT 30 days following completion of work.

Requester's Signature _____ Date _____ APPROVED: _____
 Chief, Engineering Department
 Bldg 3015 353-6243 Date _____

EXPIRATION DATE (+30 days from above approval date): _____

EXCAVATION CLEARANCE REQUEST
DIRECTORATE OF PUBLIC WORKS, FORT RICHARDSON, ALASKA

EXAMPLE

NOTE: Locates require 72-hour notice
 (except where indicated)

Get clearance to proceed with excavation work at _____ (specify location)

Work Order / Contract # _____ Contractor: _____ POC Name/Phone _____

TYPE OF WORK REQUIRED: (provide brief but complete description of work to be performed)

| | | | |
|--|--|-------------------------|-------------|
| Project Dates _____ thru _____ | Above Construction Checked for Conflicts with the Following: | | |
| <u>Department</u> | <u>Conflict</u> | <u>Signing Official</u> | <u>Date</u> |
| Utilities, Bldg 700 384-1807 (steam/gas/water) | Yes No | _____ | _____ |
| Utilities, Bldg 700 384-3677 (electrical) | Yes No | _____ | _____ |
| Utilities, Bldg 704 384-1717 (sewer/POL) | Yes No | _____ | _____ |
| Environmental, Bldg 724 384-3175/3046 | Yes No | _____ | _____ |
| Engineering Design, Bldg 730 384-2801 | Yes No | _____ | _____ |
| Engineering, Contract Management, Bldg 724 384-3054 | Yes No | _____ | _____ |
| Fire Department, Bldg 654 384-3130/3131 | Yes No | _____ | _____ |
| 9th Signal Bn, Bldg 652 384-0001 (communications) | Yes No | _____ | _____ |
| Locating Service - Locate Request Number: _____ | | | |
| 1121-Covers: ATU | Yes No | _____ | _____ |
| ENSTAR | Yes No | _____ | _____ |
| GCI Cable | Yes No | _____ | _____ |

Explanation of Conflict Identified Above (annotate on drawings):

If Required:

Alaska Railroad if excavating within 100 feet of railroad right of way 907-286-2401 (16 day notice required)
 Armory Area A or C Bldg 700, (Robert Hall 384-3843) (Security Only)
 Provost Marshal Bldg 658, 384-0801 (Road Closure Only)
 Customer Service Desk, Bldg 730, 384-3884, 3620 (Iss. of utility Only)
 Fire Dept., Bldg 654, 384-0774 (Iss. of hydrant, water or road closure Only)

Special Requirements Note: INSTITUTIONAL CONTROLS AREA - POTENTIALLY CONTAMINATED AREA, SPECIAL PRECAUTIONS APPLY - SEE SOP and NOTE REQUIREMENTS #6 AND #7 BELOW

1. This clearance authorizes commencement of excavation work only and IS NOT A NOTICE TO PROCEED OR WORK AUTHORIZATION.
2. This excavation clearance is effective upon the date of signature by DPW official below; EXCAVATION SHALL COMMENCE WITHIN 30 CALENDAR DAYS.
3. Requester will provide two copies of required work site drawings with excavation clearance request. DPW will retain one copy of these drawings.
4. Requester will retain original completed excavation clearance request. DPW will retain a copy of the request.
5. Boring locations must be marked on a 1/100 scale drawing.
6. All soil to be removed from the work site shall be disposed of in accordance with guidance from the DPW Environmental Resources Dept.
7. An after action report concerning work at sites where institutional controls are in place shall be submitted to DPW Environmental Resources Dept. NLT 30 days following completion of work.

Requester's Signature _____ Date _____ APPROVED: _____ DPW Deputy Director or Department Chief _____ Date _____

EXPIRATION DATE (+30 days from above approval date): _____

APVR-RPW (200-1)

**U.S. Army Alaska Institutional Controls
Standard Operating Procedures**

1. References:

- a. AR 200-1, Environmental Protection and Enhancement
- b. AR 200-2, Army Institutional Control Program Enforcement
- c. USARAK 200-4, Environmental Quality; Hazardous Waste, Used Oil and Hazardous Materials Management
- d. AR 210-20, Army Installation Master Planning
- e. 40 CFR 300, National Oil and Hazardous Substances Pollution Contingency Plan.
- f. 42 USC 1901 *et sequa*, Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as Amended by the Superfund Amendment and Reauthorization Act of 1986.
- g. Federal Facility Agreements for Forts Richardson and Wainwright
- h. Defense-State Memorandum of Agreement.
- i. Operable Unit Records of Decision and/or other decision documents as appropriate.

2. Purpose. These Standard Operating Procedures establish the responsibilities, policies and procedures for complying with Department of Defense (DOD), Department of the Army (DA), and US Army Alaska (USARAK) Regulations as well as Federal and State Laws for instituting, maintaining, and enforcing Institutional Controls (IC) on Federal Facilities. These controls have been established to implement the selected remedial actions agreed upon by the U.S. Army (Army), the U.S. Environmental Protection Agency (EPA), and the Alaska Department of Environmental Conservation (ADEC) in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act as amended by the Superfund Amendment Reauthorization Act. The details of these agreements may be found in the Decision Documents (DD) and Records of Decision (RODs) which are maintained in the Public Works, Environmental Offices. These agreements have been executed in accordance with the authority cited in Section 1.

Institutional Controls are a legal or administrative action designed to minimize the risk of exposure to contaminants at a source area where contamination has been left in the soil or groundwater. Institutional controls such as water use and property transfer restrictions will supplement engineering controls as appropriate for short- and long-term management to prevent or limit exposure to hazardous substances, pollutants, or contaminants. Typical controls are:

- **Installation and maintenance of signs or fences to restrict access to an area;**
- **Designation of contaminated areas on the Installation Master Plan for distribution to affected units and tenant organizations;**
- **Periodic publication and distribution of fact sheets identifying the areas of concern;**
- **Provide all contract agencies with construction, excavation and well installation restrictions.**

These controls have been established to prohibit or limit access to or use of the land, surface water, and ground water and are applicable to all known or suspected contaminated sites. The following are examples of the restrictions agreed upon in the RODs:

- **Land use restrictions prohibit or limit the construction or renovation of new or existing facilities to include residential area new construction, road repair and realignment, utility work, digging, trenching, excavation, paving, or drilling of soil borings and wells.**
- **Recreational use of natural resources i.e., camping, fishing, hunting etc., and training activities i.e., bivouac, combat maneuvers, land navigation, construction of fighting positions, etc., can be prohibited or limited depending on the type of contaminant present.**
- **Surface water restrictions prohibit ingestion of the water or consumption of fish, or other animal that directly uses a surface water source as a habitat or food source.**
- **Groundwater restrictions prohibit the drilling of water wells for potable water, fire suppression, irrigation or other purposes.**

These restrictions remain in place until EPA, ADEC, and the Army mutually decide the contamination has been reduced, through cleanup activities or natural attenuation, to levels protective of human health and the environment. In making their decision, EPA, ADEC, and the Army will look at levels specified in the ROD or other decision document. If no decision document exists, EPA, ADEC, and the Army will look at maximum contaminant levels (MCLs) for potable groundwater or risk-based concentrations for soil, sediment, surface water and other uses of groundwater.

3. Scope: These Standing Operating Procedures apply to all USARAK units and activities, Military and Civilian Support Activities, Tenant Organizations and

agencies, and Government and Civilian Contractors that occupy, use, build, repair or maintain facilities on USARAK controlled lands.

4. Responsibilities:

a. The Installation Commander or his designee shall approve all Decision Documents and Records of Decision regarding remedial actions and Institutional Controls on USARAK controlled lands. Installation Commander shall also require compliance with these Decision Documents and Records of Decision.

b. Directorate of Public Works shall execute all aspects of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) in accordance with the Defense Environmental Restoration Program as agreed upon in the Federal Facility Agreements and the Defense-State Memorandum of Agreement. Public Works shall also:

(1) Establish, maintain, and routinely update complete records of all known or suspected sites, restoration actions and institutional controls,

(2) Document all actions and institutional controls in the Installation Master Plan, Base Maps, and Fact Sheets and distribute to affected, units, organizations, and tenants, at the point they are affected on annual basis.

(3) Ensure that all affected tenants and organizations are informed of:

(a) Known soil and ground water contamination in their areas of operation;

(b) Institutional controls associated with remedial activities;

(c) Potential human health risks and environmental impacts associated with violating the controls;

(d) Potential fines, penalties, and criminal implications resulting from violations of the institutional controls.

(4) Provide oversight and review of all Work Clearance Requests to ensure that all activities that involve disturbance of soil or use of groundwater comply with current environmental laws.

(5) Ensure all affected contracting mechanisms i.e., job order contract, military construction, in-house projects, etc. are modified to include the appropriate environmental information to prevent a violation of

Institutional Controls and the potential fines, penalties, and criminal implications resulting from violations of the institutional controls.

USARAK Form 81-E (Excavation Clearance Request) must be appropriately annotated by DPW-Environmental to prevent the undertaking of work inconsistent with established institutional controls at a particular site. If a dispute with a subordinate activity or tenant arises due to DPW-Environmental non-concurrence on Form 81-E with proposed site work because of the potential for an institutional controls violation, the Commander's Policy Memorandum on Institutional Controls shall provide the basis for final resolution.

c. Directorate of Logistics shall determine the necessary protocols and language to be incorporated into their contract mechanisms to inform potential contractors of the environmental status of USARAK Installations regarding contamination. Such language or protocols will emphasize:

(1) The need for contractors to coordinate with USARAK environmental personnel prior to conducting any soil disturbing activities anywhere on USARAK controlled lands; and

(2) Potential fines, penalties, and criminal implications resulting from violations of the institutional controls,

d. Directorate of Contracting shall determine the necessary protocols and language to be incorporated into their contract mechanisms to inform potential contractors of the environmental status of USARAK Installations regarding contamination. Such language or protocols will emphasize:

(1) The need for contractors to coordinate with environmental personnel prior to conducting any soil disturbing activities or gaining access to fenced or restricted areas associated with institutional controls anywhere on USARAK controlled lands; and

(2) Potential fines, penalties, and criminal implications resulting from violations of the institutional controls,

e. Directorate of Plans, Training, Security, and Mobilization (DPTSM) shall:

(1) Provide all troop units utilizing the training areas information regarding known and potential sources of contamination in the training areas;

(2) Provide information regarding Institutional Controls and the potential fines, penalties, and criminal implications resulting from violations of the institutional controls;

(3) Provide (through DPW Environmental) maps and related information regarding USARAK sites with institutional controls;

(4) Attend Institutional Controls status update meetings as required by the Installation Commander.

f. U.S. Army Corps of Engineers, Alaska District shall ensure that all contract mechanisms incorporate a complete section that provides a detailed explanation of the following information:

(1) The environmental status of the installation in question and the existence of institutional controls and the potential fines, penalties, and criminal implications resulting from violations of the institutional controls,

(2) The requirements for obtaining work clearance request prior to performing any type of excavation, trenching, or disturbance of soil,

(3) The notification requirements for reporting spills, previously unknown soil or ground water contamination, and

(4) How to dispose of hazardous and non-hazardous wastes, contaminated soil and ground water etc. from USARAK controlled lands.

g. All DOD Personnel responsible for initiating DA Form 4283, Work Request, are required to become familiar with the institutional controls within the immediate work area.

h. Civilian Tenant Organizations shall coordinate all work involving the disturbance of soil or installation of a well anywhere on USARAK-controlled lands with the Directorate of Public Works and obtain proper authorization prior to the commencement of work.

i. Defense Reutilization Management Office shall dispose of all investigation derived waste in accordance with the appropriate laws and regulations.

5. The following procedures are applicable to all personnel working in areas where institutional controls are in place:

a. If soil or groundwater must be removed from the work site, it shall be:

(1) Containerized in United Nations approved, Performance Oriented Packaging (UN/POP) containers as specified in 49 CFR 178.500, Specifications and Maintenance of Packaging;

(2) Labeled as non-regulated waste, sampled and analyzed for potential contamination; and

(3) Moved to an approved storage area. The area shall be approved by the Public Works Environmental Office prior to usage.

NOTE: Soil and groundwater shall not be removed from any part of the installation without written authorization from an authorized USARAK representative. All operations involving hazardous waste will be accomplished in accordance with USARAK Regulation 200-4, *Environmental Quality: Hazardous Waste, Used Oil and Hazardous Materials Management*.

b. If contaminated soils, drums, unexploded ordnance or unusual debris are found on or around any work site, the agency shall stop work immediately and notify the Installation's Public Works Environmental Office (and Range Control Officer if unexploded ordnance is involved). Work at this site will be suspended until the area is cleared by the Environmental Office (Range Control if unexploded ordnance is involved).