

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE

PAGE OF PAGES

1 1

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

R0001

08/16/04

6. ISSUED BY

CODE

W911KB

7. ADMINISTERED BY (If other than Item 6)

CODE

W911KB

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

US ARMY ENGINEER DISTRICT, AK  
CEPOA-CO-NAO  
PO BOX 35066 (BLDG 3025)  
FAIRBANKS, ALASKA 99703-0066

CRYSTAL LABRECQUE

(907)753-5578

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

(X)

9A. AMENDMENT OF SOLICITATION NO.

X

W911KB-04-R-0031

9B. DATED (SEE ITEM 11)

08/04/04

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: Repair Utilidors, Phase V, Eielson AFB, Alaska (EIE202)

**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.)

PROPOSAL DUE DATE IS 03 SEP 04, by 2:00 pm, local time, at the US Army Corps of Engineers, 2204 Third Street, Elmendorf 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.**

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. R0001

Page: 1

a. The following drawings are substituted for the superseded drawings. The identifier "AM #1" appears before and after revised drawings as listed in SCR-5.

NONE

b. The following revised documents are substituted for the superseded documents. The identifier "AM #1" appears before and after new and revised material, except as noted below.

Proposal Schedule: Item No's 0007 and 0008

SECTION 02280 CONTAMINATED SOILS REMOVAL, HAULING,  
AND STOCKPILING

PARAGRAPH: 1.3 Description of Work

PARAGRAPH: 3.4.3 Disposal of Contaminated Soil

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.

13-Aug-04

SOLICITATION NO. W911KB-04-R0031  
**Repair Utilidors, Phase V, Eielson AFB, ALASKA**  
AMENDMENT #1

1. Bid Schedule, Item No's 0007 and 0008: Delete references to Facility/Bldg Number 3340
2. Sheet C1.2: Delete all work in the service utilidor running from MH208 to Bldg. 3340.
3. Sheet G1.3, Schedule 4: Delete reference to Bldg Number 3340
4. Section 00700 page 35 of 138, FAR 52.211-10 COMMENCEMENT AND PROSECUTION OF WORK: End first sentence add *“except the work for planting, including landscaping, shall be completed not later than 635 calendar days after the date the Contractor receives NTP.”*
5. Specification Section 02280, paragraph 1.3 DESCRIPTION OF WORK, 5<sup>th</sup> paragraph, delete first 3 sentences and replace with the following: *“If contaminated soils are from a newly discovered contaminated site, approval must be obtained from the ADEC before it can be placed back in the excavation. Approval from the ADEC shall be obtained by the Contractor. Contaminated soils from sites previously identified under the base IRP program may be placed back in the excavation without ADEC notification.”*
6. Specification Section 02280, paragraph 3.4.3 Disposal of Contaminated Soil, last sentence, add: *“and 354<sup>th</sup> CES/CEV .”* after the word “Contracting Officer”.

Proposal Schedule  
 Repair Utilidors, Phase V  
 Eielson AFB, Alaska

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u> BASE	<u>Unit</u> ITEMS	<u>Amount</u>
0001.	<p>Along Broadway Street:            Design for approximately 1,420 feet of main utilidor, 300 feet of service utilidor, 3 fire hydrants, and 9 manholes between MH's 219-1 and 113. Work includes MH's 219-1, 211, and 113 chambers. Replace services for Facility/Bldg Id Numbers 3343, 3301, 3112 East and 3112 West. Communications ductbank between CITS HH 2 and utilidor MH 219-1; and CITS HH 3 and utilidor MH 211. Total ductbank length approximately 135 ft. Enlarge and combine MH's 204 and 205 chambers. Reconstruct access shafts and chamber ceilings at MH's 202/202-1 and 203. Approximately 250 feet of cracks for chemical grouting.</p>	1	Lump Sum	\$ _____
0002.	<p>Along Broadway Street:            Construct approximately 1,420 feet of main utilidor, 300 feet of service utilidor, 3 fire hydrants, and 9 manholes between MH's 219-1 and 113. Work includes MH's 219-1, 211, and 113 chambers. Replace services for Facility/Bldg Id Numbers 3343, 3301, 3112 East and 3112 West. Communications ductbank between CITS HH 2 and utilidor MH 219-1; and CITS HH 3 and utilidor MH 211. Total ductbank length approximately 135 ft. Enlarge and combine MH's 204 and 205 chambers. Reconstruct access shafts and chamber ceilings at MH's 202/202-1 and 203. Approximately 250 feet of cracks for chemical grouting.</p>	1	Lump Sum	\$ _____

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Amount</u>
0003.	<p>Along Wabash Ave:  Design for approximately 1,050 feet of main utilidor, 30 feet of service utilidor, 3 fire hydrants, and 6 manholes between MH 211 south portal and MH 214. Work includes MH 214 chamber and point of connection at MH 211 south portal. Replace services for Facility/Bldg Id Numbers 3116, 3117, 3124, 3125, 3126, &amp; 3127. Replace approximately 210 feet of direct bury fire line between MH 337-2 and Bldg 2225 with fire line in service utilidor. Approximately 50 feet of communications ductbank between CITS handhole HH 4-2-1-1 and utilidor MH 214. Enlarge MH 214 and reconstruct access shafts for MH's 211-1, 212-2, and 337-2. Approximately 170 feet of cracks for chemical grouting.</p>	1	Lump Sum \$	_____
0004.	<p>Along Wabash Ave:  Construct approximately 1,050 feet of main utilidor, 30 feet of service utilidor, 3 fire hydrants, and 6 manholes between MH 211 south portal and MH 214. Work includes MH 214 chamber and point of connection at MH 211 south portal. Replace services for Facility/Bldg Id Numbers 3116, 3117, 3124, 3125, 3126, &amp; 3127. Replace approximately 210 feet of direct bury fire line between MH 337-2 and Bldg 2225 with fire line in service utilidor. Approximately 50 feet of communications ductbank between CITS handhole HH 4-2-1-1 and utilidor MH 214. Enlarge MH 214 and reconstruct access shafts for MH's 211-1, 212-2, and 337-2. Approximately 170 feet of cracks for chemical grouting.</p>	1	Lump Sum \$	_____
AWARDED AMOUNT		Total of Items 0001 thru 0004		\$ _____

OPTIONAL ITEMS

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Amount</u>
0005.	<p>Along Wabash Ave:  Design for approximately 720 feet of main utilidor, 210 feet of service utilidor, 2 fire hydrants, and 3 manholes between MH 333 south portal and MH 210 north portal. Except for point of connection, work excludes MH's 333 and 210 chambers. Replace services for Facility/Bldg Id Numbers 2225 &amp; 2216. Approximately 75 feet of communications ductbank between CITS handhole HH 3-5 and utilidor MH 333. Replace and combine MH's 337 and 337-1 chambers. MH 337-2 access shaft replacement is in Base Items 3&amp;4 work. Approximately 120 feet of cracks for chemical grouting.</p>	1	Lump Sum	\$ _____
0006.	<p>Along Wabash Ave:  Construct approximately 720 feet of main utilidor, 210 feet of service utilidor, 2 fire hydrants, and 3 manholes between MH 333 south portal and MH 210 north portal. Except for point of connection, work excludes MH's 333 and 210 chambers. Replace services for Facility/Bldg Id Numbers 2225 &amp; 2216. Approximately 75 feet of communications ductbank between CITS handhole HH 3-5 and utilidor MH 333. Replace and combine MH's 337 and 337-1 chambers. MH 337-2 access shaft replacement is in Base Items 3&amp;4 work. Approximately 120 feet of cracks for chemical grouting.</p>	1	Lump Sum	\$ _____

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Amount</u>
<b>AM #1...</b>				
0007.	<u>Along Wabash Ave:</u> <u>Design for approximately 500 feet of main utilidor, 520 feet of service utilidor, 2 fire hydrants, and 5 manholes between MH 210 and 208-1. Work includes MH's 210 and 208-1 chambers. Replace services for Facility/Bldg Id Numbers 3305, 3108. Replace and combine MH's 208-1 and 208 chambers. Approximately 160 feet of cracks for chemical grouting.</u>	1	Lump Sum \$	=====
0008.	<u>Along Wabash Ave:</u> <u>Construct approximately 500 feet of main utilidor, 520 feet of service utilidor, 2 fire hydrants, and 5 manholes between MH 210 and 208-1. Work includes MH's 210 and 208-1 chambers. Replace services for Facility/Bldg Id Numbers 3305, 3108. Replace and combine MH's 208-1 and 208 chambers. Approximately 160 feet of cracks for chemical grouting.</u>	1	Lump Sum \$	=====
0009.	<u>Along Wabash Ave:</u> <u>Design for approximately 500 feet of main utilidor, 90 feet of service utilidor, 2 fire hydrants, and 2 manholes between MH 208-1 south portal and MH 204 north portal. Except for point of connection, work excludes MH's 204 and 208-1 chambers. Replace services for Facility/Bldg Id Numbers 3109 &amp; 3110. Approximately 35 feet of communications ductbank between CITS handhole HH 3-2 and utilidor manhole 207. Approximately 80 feet of cracks for chemical grouting.</u>	1	Lump Sum \$	=====

...AM #1

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Amount</u>
0010.	<p>Along Wabash Ave:  Construct approximately 500 feet of main utilidor, 90 feet of service utilidor, 2 fire hydrants, and 2 manholes between MH 208-1 south portal and MH 204 north portal. Except for point of connection, work excludes MH's 204 and 208-1 chambers. Replace services for Facility/Bldg Id Numbers 3109 &amp; 3110. Approximately 35 feet of communications ductbank between CITS handhole HH 3-2 and utilidor manhole 207. Approximately 80 feet of cracks for chemical grouting.</p>	1	Lump Sum	\$ _____
Total of Items 0005 thru 0010				\$ _____
Total of Base and Optional Items				\$ _____

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U.S. ARMY CORPS OF ENGINEERS

ALASKA DISTRICT

PHASE 5

UTILIDOR UPGRADE PROJECT  
EIELSON AIR FORCE BASE, ALASKA

PREPROPOSAL CONFERENCE

BEFORE CRYSTAL D. LABRECQUE, Contract Specialist

Eielson Resident Office  
Conference Room  
2130 Central Avenue  
Eielson Air Force Base, Alaska  
August 10, 2004  
10:00 o'clock a.m.

IN ATTENDANCE:

Mr. Pat Zettler, USACE  
Mr. David Peters, USACE  
Ms. Sabrina Colflesh, USACE  
Mr. Stephen Wing, MWH Constructors  
Mr. Howard McIntyre, American Mechanical, Inc.  
Mr. Bill Renfrew, American Mechanical, Inc.  
Mr. Robert Sandstrom, American Mechanical, Inc.  
Mr. Mark Hale, American Mechanical, Inc.

1 PROCEEDINGS

2 (On record; 10:10 a.m.)

3 MR. ZETTLER: We're here today for the preproposal  
4 meeting for the Phase V utilidors, and we've got some canned  
5 type boilerplate we go through and then we open it up for  
6 questions, and there will be an opportunity to go out and drive  
7 around the site. Because all of this area is open to the  
8 public, we're not going to probably plan to accompany you on  
9 the site; you guys can look around on your own. But one thing  
10 I would caution: we've got an exercise going on; no cameras  
11 pointed toward the flightline. You will be accosted and  
12 they'll give you trouble. And, obviously, we don't go down  
13 into any utilidors. So -- but other than that, you're free to  
14 look around and walk the project.

15 MS. LABRECQUE: You all have copies of your  
16 solicitation as far as knowing the locations of the different  
17 line items. Right?

18 CONTRACTOR: Uh-huh.

19 MS. LABRECQUE: So you can use that -- they have the  
20 locations on those line items, so you can utilize them. Of  
21 course, this is Pat Zettler, the project manager. I'm Crystal  
22 Labrecque, the contracting specialist. My notes are probably  
23 something that you guys have heard more than I've read, but we  
24 have to go over them anyway. So here we go.

25 The project, of course, is the Utilidor Phase 5. The

1 solicitation was issued on 4 August and the proposal bid's due  
2 date is 3 September 2004 by 2 p.m. The subcontracting plan can  
3 be submitted up to 24 hours after the submittal due date. This  
4 will be a best-value process, whereby technical is more  
5 important than price. It's a one-phase RFP process. And,  
6 remember, your ceiling range is 8.1 million. That should be on  
7 your Section 100 in your solicitation. The advance notice of  
8 this was issued back in May. So far, we have not had any  
9 amendments to the solicitation. There will be one, of course,  
10 with the notes from this preproposal conference and -- let's  
11 see, the process is that we will receive your submittals on or  
12 about 3 September 2003 [sic] by 2 p.m. Then, the board will be  
13 sequestered the following week and we will prepare individual  
14 ratings and the board will determine the consensus scores and  
15 may have to determine a competitive range, depending upon  
16 what's presented. The prices can be revealed to the technical  
17 board at the discretion of the source selection authority, the  
18 board minutes prepared, best value determined; we can do trade-  
19 offs to determine our apparent successful firm. All these  
20 things are outlined in your Section 120.

21 A decision document is prepared by the selection  
22 authority and then an award is made, and we send notifications  
23 to all firms, successful or unsuccessful. And, of course,  
24 then, we ask you if you would like a debriefing, both  
25 successful and unsuccessful firms.

1           Some of our tips for preparing your proposal is to  
2 ensure that you completely read the solicitation. If you have  
3 any questions, you can ask those questions; send them in an  
4 e-mail to me. Ensure that your proposal contains all the items  
5 that the solicitation is asking for. Never assume that we know  
6 your company and your past performance. We can only evaluate  
7 what you provide to us and you are limited in there as to how  
8 many evaluations, past performance-wise, et cetera, to submit.  
9 If you submit more than what was required there, we will only  
10 go with the first three, first four, whatever it says that you  
11 submit to us chronologically in order. So submitting more than  
12 what's asked for is not going to do any justice. The  
13 contracting specialist will not submit that information to the  
14 source selection board. They won't even know that you  
15 submitted more than was asked for.

16           You have to consider who your audience may be, what  
17 type of people we would have on the source selection board,  
18 dependent upon what type of project it is and what is important  
19 to the facility, the owners - in this case, the air force -  
20 construction managers.

21           If you have drawings -- we don't have any -- did they  
22 submit any drawings on this?

23           MR. ZETTLER: Negative.

24           MS. LABRECQUE: Negative? Don't go there. Okay. What  
25 your commissioning plan is? Do they do a commissioning on

1 these projects? No? Yes?

2 MR. ZETTLER: We call it something else.

3 MS. LABRECQUE: Okay. And your warranty; how you show  
4 the reviewer that you'll provide customer care and  
5 satisfaction. On past performance, always ensure that you  
6 address any negative past performance and think about how you  
7 will prevent your recurrence and how you're going to address us  
8 as far as how you would prevent recurrence, what type of  
9 corrective action you have taken. You can give examples of  
10 jobs where your work improved. You can ask for copies of your  
11 CCASS and ACASS information if you don't have copies of that  
12 because we will be pulling that information. And ensure that  
13 when you talk about your experience, that it's not just a  
14 project list, but that you show relevant projects, relevant  
15 experience. Tell us why the experience is relevant; don't  
16 assume that we will automatically know that it's relevant.  
17 Okay.

18 Your key players' resumes, make sure their resumes are  
19 current and explicit. Schedule: Show all your milestones,  
20 major activities, activities with constraints that are defined  
21 in the solicitation, make sure they're in logical sequence.  
22 Your procurement and submittal activities for long-lead items,  
23 if you have long-lead items. Show that you understand the  
24 logistical constraints like transportation, weather; that your  
25 narrative explains what risks there may be and how you would

1 mitigate those risks; your relative order of importance and  
2 make sure you put more emphasis on the things that are most  
3 important. And that is my -- all I have to say. Do we have  
4 any questions?

5 CONTRACTOR: I don't have any. I mean we've been here  
6 before.

7 MS. LABRECQUE: I know.

8 CONTRACTOR: We know what the job is, so.....

9 CONTRACTOR: I do have one question that has nothing to  
10 do with that stuff. But on your time schedule of 365 days to  
11 complete the project, I know in the past you've given into the  
12 next season to finish the landscaping, but in this one you  
13 don't mention any period after the fact for landscaping.

14 MS. LABRECQUE: So we want to address that later in an  
15 amendment?

16 MR. ZETTLER: I'll have to go back and check. That's  
17 possibly an oversight that we'd handle in an amendment.

18 CONTRACTOR: It was on an e-mail that I read from you  
19 guys, that Norm had sent on Phase 5.

20 CONTRACTOR: It's just pretty tough, because towards  
21 the end of the summer you're just getting them closed up and  
22 snow is just around the corner.

23 MS. LABRECQUE: Right.

24 MR. ZETTLER: The intent was to mirror what we did on  
25 Phase 4.

1           CONTRACTOR: Oh, okay.

2           MR. ZETTLER: And I'll go back and make sure, if that  
3 was overlooked, we'll handle that with an amendment.

4           MS. LABRECQUE: I'm sure there will be questions later  
5 on. Make sure that you e-mail those questions to me and then  
6 I'll forward them to Pat who will send them around to whoever  
7 needs to answer them and get the answers either back to you  
8 directly if it affects only you and it's something that is in  
9 the solicitation that everybody could see if it was there;  
10 otherwise, we'll put it in an amendment if it affects everyone.  
11 No other questions?

12          CONTRACTOR: No.

13          MS. LABRECQUE: That's it, Pat, unless you've got  
14 something. We have a minute here to think about it.

15          MR. ZETTLER: Are you folks comfortable with going out  
16 and looking at the.....

17          CONTRACTOR: Oh, yeah. Yeah, that's not a problem.

18          MR. ZETTLER: Again, the only thing I ask is no cameras  
19 toward the flightline. They've got a big international  
20 exercise going on and they're very sensitive to that, so.....

21          CONTRACTOR: Okay.

22          MR. ZETTLER: Things are a little more tight than even  
23 normal.

24          CONTRACTOR: No problem.

25          CONTRACTOR: We'll e-mail later.

1 MS. LABRECQUE: We expect that. All right. Thank you  
2 very much for coming and you know who to contact.

3 (Off record)

4 (END OF PROCEEDINGS)

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# U.S. Army Engineer District, Alaska Northern Alaska Area Office

P.O. Box 35066  
Ft. Wainwright, Alaska 99703-0066  
Eielson Resident Office

EIE202 Pre-proposal Conference and Site Visit 11 Aug 04:  
Repair Utilidors, Phase V  
Eielson Air Force Base, Alaska

Name (Print)	Title	Company/Organization	Telephone
David Peters	QAR	U.S. Army Corp of Engineers, AK	907/377-2617
Sabrina Colflesh	QAR/EIT	U.S. Army Corp of Engineers, AK	907/377-2614
Steve Wing		MWH	907/248-8883
Pat Zettler	PM	U.S. Army Corp of Engineers, AK	907/753-2830
Crystal Labrecque	Contract Specialist	U.S. Army Corp of Engineers, AK	907/753-5578
Howard McIntyre	PM	American Mechanical Inc.	907/479-5754
Bill Renfrew	Supervisor	American Mechanical Inc.	907/372-9816
Robert Sandstrom	Mechanical	American Mechanical Inc.	907/479-5754
Mark Hale	Estimator	American Mechanical Inc.	907/479-5754

## Federal Procurement and Nonprocurement Programs.

(3) The compelling reason(s) for doing business with the subcontractor notwithstanding its inclusion on the List of Parties Excluded from Federal Procurement and Nonprocurement Programs.

(4) The systems and procedures the Contractor has established to ensure that it is fully protecting the Government's interests when dealing with such subcontractor in view of the specific basis for the party's debarment, suspension, or proposed debarment.

(End of clause)

## 52.211-6 BRAND NAME OR EQUAL (AUG 1999)

(a) If an item in this solicitation is identified as "brand name or equal," the purchase description reflects the characteristics and level of quality that will satisfy the Government's needs. The salient physical, functional, or performance characteristics that "equal" products must meet are specified in the solicitation.

(b) To be considered for award, offers of "equal" products, including "equal" products of the brand name manufacturer, must--

(1) Meet the salient physical, functional, or performance characteristic specified in this solicitation;

(2) Clearly identify the item by--

(i) Brand name, if any; and

(ii) Make or model number;

(3) Include descriptive literature such as illustrations, drawings, or a clear reference to previously furnished descriptive data or information available to the Contracting Officer; and

(4) Clearly describe any modifications the offeror plans to make in a product to make it conform to the solicitation requirements. Mark any descriptive material to clearly show the modifications.

(c) The Contracting Officer will evaluate "equal" products on the basis of information furnished by the offeror or identified in the offer and reasonably available to the Contracting Officer. The Contracting Officer is not responsible for locating or obtaining any information not identified in the offer.

(d) Unless the offeror clearly indicates in its offer that the product being offered is an "equal" product, the offeror shall provide the brand name product referenced in the solicitation.

(End of provision)

## 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to (a) commence work under this contract within 10 calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than 365 days from receipt of NTP AM#1...except the work for planting, including landscaping, shall be completed not later than 635 calendar days after the date the Contractor receives NTP...AM#1. The time stated for completion shall include final cleanup of the premises.

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
9	08/06/2004 ..AM#1

General Wage Decision AK030006  
(Dated (06/13/2003))

Modification Record:

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

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
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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
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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
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ELEC1547-004 11/03/2003		
	Rates	Fringes
Cable splicer.....	\$ 33.17	3%+13.10
Electrician;Technician.....	\$ 31.42	3%+13.10
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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
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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		
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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.

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 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

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 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.

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 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

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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
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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

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.  
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5 (a) (1) (ii)).  
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In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.  
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#### 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.

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END OF GENERAL DECISION

General Decision Number: AK030006 08/06/2004

State: Alaska

Construction Types: Highway

Counties: Aleutians East, Aleutians West, Anchorage, Bethel, Bristol Bay, Dillingham, Fairbanks North Star, Kenai Peninsula, Kodiak Island, Matanuska-Susitna, Nome, North Slope, Northwest Artic, Southeast Fairbanks, Valdez-Cordova, Wade Hampton and Yukon-Koyukuk Counties in Alaska.

Highway Construction Projects

Modification Number	Publication Date
0	06/13/2003
1	11/28/2003
2	02/13/2004
3	03/05/2004
4	04/02/2004
5	04/16/2004
6	05/14/2004
7	08/06/2004

CARP1243-004 07/01/2003

North of the 63rd Parallel

	Rates	Fringes
Carpenter.....	\$ 31.40	12.20

CARP1281-006 07/01/2003

South of the 63rd Parallel

	Rates	Fringes
Carpenter.....	\$ 28.10	12.70

CARP2520-004 08/01/2003

	Rates	Fringes
Piledriver		
Carpenter.....	\$ 29.30	12.20
Piledriver, Skiff operator, Rigger.....	\$ 28.14	12.20
Sheet 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

ENGI0302-002 09/01/2003

	Rates	Fringes
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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.

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 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

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 LABO0341-007 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; Retimberman

GROUP 3A: Powderman

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

\* PLAS0867-004 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

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

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

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

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

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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.

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SECTION 02280

CONTAMINATED SOILS REMOVAL, HAULING, AND STOCKPILING

PART 1 GENERAL

1.1 REFERENCES

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

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 2488 Description and Identification of Soils  
(Visual-Manual Procedure)

U.S. ARMY CORPS OF ENGINEERS (USACE)

EM 385-1-1 (1996) U.S. Army Corps of Engineers Safety  
and Health Requirements Manual

ER 1110-1-263 Chemical Data Quality Management for  
Hazardous Waste Remedial Activities, w/  
Appendices

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

EPA SW-846 Test Methods for Evaluating Solid Waste  
(Vol. IA, IB, IC, and II)

EPA 540/G-89/004 Guidance for Conducting Remedial  
Investigations and Feasibility Studies  
Under CERCLA (Interim Final)

STATE OF ALASKA ADMINISTRATIVE CODES (AAC) AND STATUTES (AS)

18 AAC 75 Oil and Hazardous Substances Pollution  
Control

18 AAC 78 Underground Storage Tanks(As amended  
through December 20, 2000)

STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION (ADEC)  
PUBLICATIONS

ADEC-01 Guidance on Cleanup Standards Equations &  
Input Parameters, July 28, 1999

ADEC-02	Technical Guidance Document on Determination of Background concentrations, September 17, 1998
ADEC-03	Risk Assessment Procedures Manual, June 8, 2000
ADEC-04	Guidance on Decision Documentation Under the site cleanup Rules (18 AAC 75.325 --18 AAC 75.390) July 1999
ADEC-05	Underground Storage Tank Procedures Manual, December 1, 1999
AK 101	Method AK 101 for Determination of Gasoline Range Organics
AK 102	Method AK 102 for Determination of Diesel Range Organics
AK 103	Method AK 103 for Determination of Residual Range Organics

## 1.2 DEFINITIONS

### 1.2.1 ADEC Clean Closure

Clean closure has been obtained when observations or investigations for the excavation site, as required by 18 AAC 75, indicate that a release has not occurred or that further removal or investigation is not required.

## 1.3 DESCRIPTION OF WORK

Contaminated soils shall be removed as necessary to perform the utility installation work under this contract and disposed of as specified. The risk of encountering contaminated soil typically increases when excavating soil near the water table. Excavation approaching the groundwater table is not anticipated. Immediately notify the Contracting Officer followed by the 354th Environmental Flight when contaminated soil is discovered.

The objective is facility installation and not obtaining an ADEC clean closure. The Contractor shall not excavate beyond what is necessary for the utility work and MH foundation construction. No payment will be made for over-excavation or work related thereto, unless specifically directed in writing by the Contracting Officer. This section applies to all site excavations for new work.

Contaminated soil shall be stockpiled, sampled, treated, and disposed of according to source. Contaminated soil from different sources/locations shall not be mixed.

Known contamination within the project area is described in Appendix A, GEOTECHNICAL SUMMARY of the RFP.

AM #1...If contaminated soils are from a newly discovered contaminated site, approval must be obtained from the ADEC before it can be placed back in the excavation. Approval from the ADEC shall be obtained by the Contractor. Contaminated soils from sites previously identified under the base IRP program may be placed back in the excavation without ADEC notification. Contaminated soil used as backfill material shall be covered with at least 24 inches of uncontaminated soil. Excess contaminated soil shall be treated offsite as described in this specification, CONTAMINATED SOILS REMOVAL, HAULING, AND STOCKPILING....AM #1

The estimated volume of contaminated soil is 100 cubic yards measured in place. The estimated volume is 112 cubic yards excavated. The minimum number of laboratory samples from stockpiled soil is 2 grab samples from each stockpile 50 cubic yards or less and, at least 1 sample for each additional 50 cubic yards at each stockpile. This does not include QA/QC samples. Laboratory testing includes GRO, DRO, RRO, and BTEX for all samples. Additionally, two samples and tests will be required for both TCLP metals and TCLP volatile organic chemicals for stockpiled contaminated soil.

The Contractor shall provide all stockpile cover and liner materials. The Eielson AFB long-term contaminated soil stockpile area shall not be available for temporary soil stockpiling.

The Contractor shall transport the soil to an offsite thermal desorption facility capable of processing the soil contamination. The facility shall meet the requirements of 18 AAC 75.365, and have the required Federal, State, and local permits to operate and process the petroleum contaminated soil.

#### 1.3.1 Worker Protection

The Contractor shall provide personal protective equipment and other tools required for worker protection as appropriate for work conditions and as required by the latest edition of EM 385-1-1

#### 1.3.2 Inspection

Federal, State, or local agencies may require their representative(s) to be present to inspect operations. The Contractor shall comply with all such inspection requirements.

#### 1.3.3 Compliance

Work shall meet or exceed the minimum requirements established by the State of Alaska in applicable statutes and administrative codes. These documents are under constant revision. The Contractor shall be responsible for compliance with the most recent revisions to the regulations throughout the duration of work on the project. The Contractor shall also be responsible for compliance with all applicable Federal and local regulations. Any instances where compliance would exceed the scope of work or specific requirements of the contract, and any conflicts between various regulations or between any regulation and the contract specifications, shall be brought to the immediate attention of the Contracting Officer for resolution.

#### 1.4 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. Submit the following in accordance with Section 01013, 100 PERCENT DESIGN REQUIREMENTS.

##### SD-01 Preconstruction Submittals

Sampling and Analysis Plan

Work Plan

Qualifications

Correspondence

Disposal of Contaminated Soil; G-AO

Certificate of Thermal Remediation; G-AO

##### SD-06 Test Reports

Site Assessment Report

#### 1.5 QUALIFICATIONS

##### 1.5.1 Contractor Consultant

The Contractor shall provide an experienced and qualified consultant. The Consultant may be employed by either the Contractor or the commercial testing laboratory. The Consultant shall meet the requirements specified in 18 AAC 75 and ADEC-05. The consultant's qualifications shall be submitted. Acceptability will be determined on the basis of education, training, experience, and past performance. The Consultant shall be experienced in all phases of the required work and be on-site for all work with contaminated soils. The Consultant shall have experience in and knowledge of EPA methods for collecting environmental and hazardous waste samples; experience in operation of field screening equipment; and meet the definition of "qualified person" in 18 AAC 75.990.

##### 1.5.2 Contractor Laboratory

Except as otherwise specified, all testing shall be performed at no additional cost to the Government by a Contractor-retained, commercial testing laboratory which is currently validated by the U.S. Army Corps of Engineers. Point of contact for Corps of Engineers validation is the Alaska District, Geotechnical Branch, (907) 753-2695 or -2681. Copies of the laboratory's validation letters shall be included in the work plan. The laboratory must also be approved by ADEC under 18 AAC 78.800 - 18 AAC 78.815.

### 1.5.3 Support Staff

The Contractor shall identify all staff involved for the various components, including personnel collecting and shipping samples. The qualifications of these staff members shall be detailed by the Contractor.

### 1.6 WORK PLAN

The Work Plan (WP) shall incorporate the elements specified in EPA 540/G-89/004. The WP shall include the Contaminated Soil Stockpile Design and Operation Plan.

Include the Work Plan (WP), composed of the Contaminated Soil Stockpile Design and Operation Plan; and the Sampling and Analysis Plan (SAP), composed of the Field Sampling Plan (FSP) and the Quality Assurance Program Plan (QAPP). See Paragraph 1.7, Sampling and Analysis Plan (SAP).

Submittals will be screened by the Contracting Officer prior to review or transmittal to ADEC for comment. The Contractor shall correct and resubmit items, which are unacceptable for detailed review.

### 1.7 SAMPLING AND ANALYSIS PLAN (SAP)

The plan shall include an executive summary. The SAP shall reflect the degree of complexity of the project. The SAP shall be composed of a Field Sampling Plan (FSP) and a Quality Assurance Program Plan (QAPP). The SAP shall be in accordance with EPA 540/G-89/004; EPA SW-846, Volume II; ER 1110-1-263; 18 AAC 75; ADEC-01; and ADEC-02. In the event of conflicts, the more stringent requirements shall be followed. The plans shall include methods to be used for field screening, frequency of sampling, required number of samples for project work, quality control, and Government quality assurance purposes; and incorporate the Government Quality Assurance (QA) procedures identified in ER 1110-1-263 as a confirmation of the Quality Control (QC) activity, including a discussion of limits of data acceptability, resolution of inconsistencies of data, and procedures for initiating corrective action.

Seven (7) copies of the SAP shall be submitted for approval at least 30 days prior to start of work at the site. The Contractor shall make corrections indicated by comments and identify any items considered to be in conflict with, or a change to, the contract. Excavation shall not begin prior to approval of the SAP by the Contracting Officer.

The Contractor shall correct and resubmit items, which are unacceptable for detailed review. The 30-day period specified above will not begin until the Contracting Officer receives all corrected items.

### 1.8 Correspondence

Copies of all correspondence with other Government agencies shall be furnished immediately upon issue or receipt. All Contractor correspondence with ADEC shall be through the Contracting Officer. Cover letters shall be appropriately addressed with "TO:" and "THROUGH:" headings.

The Contractor shall provide the Contracting Officer with copies of all truck weight station tickets and certificates of soil treatment results.

PART 2 PRODUCTS (NOT APPLICABLE)

PART 3 EXECUTION

3.1 GENERAL

3.1.1 Consultant Responsibilities

The Contractor Consultant shall be on site during all excavation, stockpiling, and all other operations involving contaminated soil. The Consultant shall perform all field screening and collect all on-site samples. The Consultant shall review and update the SAP, review test results, and provide recommendations for the Contractor's testing program.

3.1.2 Work Plan Implementation

The Contractor shall continuously maintain, update, and implement the Work Plan. The Work Plan shall be continuously updated to reflect the conditions and work at the site. A copy of the Work Plan shall be kept at the Work Site at all times and be available to all workers.

3.1.3 Protection of Existing Structures and Utilities

The Contractor shall take all necessary precautions to avoid damage to existing structures, their appurtenances, or utilities that may be affected by work activities. Any damage resulting from the Contractor's operations shall be repaired at no expense to the Government. The Contractor shall coordinate with the installation to locate underground utilities prior to beginning construction. Utilities encountered which were not previously shown or otherwise located shall not be disturbed without approval from the Contracting Officer.

3.1.4 Leaks, Spills, and Releases

Whenever the Contractor suspects or has knowledge of a leak, spill, or release of oil, hazardous substances, or regulated substance not previously identified in the contract documents, the Contractor shall immediately notify the Installation Environmental Office at (907)377-SPIL (7745). The Contractor shall also prepare an ADEC Oil and Hazardous Materials Incident Report Form in accordance with ADEC regulations. The Contractor shall hand-deliver or FAX the completed form to the Contracting Officer and the Installation Environmental Office. The Installation Environmental Office will be responsible for providing notification to ADEC. The Contractor shall reevaluate the SHP as appropriate and await direction from the Contracting Officer before proceeding. In accordance with 18 AAC 75.310, the Contractor shall be responsible for cleanup of all leaks, spills, and releases of oil, hazardous substances, or regulated substances caused by the Contractor during this project.

### 3.2 CONTAMINATED SOIL IDENTIFICATION

Contaminated soils shall be identified by commercial laboratory testing, with confirmation by Contractor quality control and Government quality assurance samples. Visual inspection and field screening shall be used as appropriate in the FSP. The Contractor shall perform a general site inspection as outlined below. Paragraph 3.3.3.1, Number of Samples, summarizes purposes and types of testing required.

#### 3.2.1 General Site Inspection

The inspection shall include:

- a. Checking for obvious leaks and spills.
- b. Checking for any obvious soil or water contamination caused by a release or leakage.
- c. Determining from contract documents, on-site personnel, and any required sampling and testing, the general nature of the contamination, and estimated depth to groundwater.
- d. Classifying the soil strata according to ASTM D 2488 from visual observations of the site and any required excavation.  
(Note: sieve analyses are not required; excavation is not required solely for soil strata classification)
- e. Recording local climatological conditions during inspection.

#### 3.2.2 Field Screening Soils

The Contractor shall exercise a high degree of control over field screening, sampling, and testing in conjunction with construction in order to minimize the amount of excavated material requiring temporary stockpiling, prevent dilution of contaminated soils with clean soils, and insure completion of work within the limited construction season. The Contractor shall obtain timely and accurate chemical sampling and test data. All samples taken each day shall be tested with a maximum 14-day turnaround.

### 3.3 SOIL CLASSIFICATION, TESTING, AND ANALYSIS

#### 3.3.1 Classification of Soil Contamination

- a. Clean. No visible stains, no smell of fuels or volatiles, no field screening test results above background.
- b. Suspected Contaminated. Suspect visible stains, odor of fuel or volatiles, field screening test results above background.
- c. Contaminated. Obviously and highly stained soil, heavy odor of fuel or volatiles, field screening test results above background.

### 3.3.2 Field Screening Tests

The Contractor's Qualified Person shall use an hydrocarbon vapor (HV) test or other appropriate field test to qualitatively check for the presence or absence of soil contamination in all project excavation areas. The Contractor shall incorporate field screening into the SAP to insure adequate and economical selection of samples for laboratory testing. Field screening shall be utilized according to ADEC requirements and prudent, professional judgment. The type of field screening instruments to be used on site shall depend upon the type of contamination indicated. The Contractor shall include in the SAP a description of the type of instruments selected, limits, action levels, procedures for testing, to include, number of test to be taken and coordination/verification with the commercial testing laboratory tests, and the Qualified Person's training to use the instruments and interpret the data. The Contractor shall prepare a table of field screening results to be updated as work proceeds. A final copy, including explanatory narrative and sample location, shall be part of the field report.

### 3.3.3 Sampling and Testing

Analysis for petroleum contamination must follow the Alaska methods for petroleum hydrocarbons referred to in Table 1 of ADEC-05, adopted by reference. Sampling and testing shall be in accordance with the methods identified below (Type Test/Method or Procedure):

- a. Gasoline Range Organics (GRO)/State of Alaska Method AK 101.
- b. Diesel Range Organics (DRO)/State of Alaska Method AK 102.
- c. Residual Range Organics (RRO)/State of Alaska Method AK 103.
- d. Benzene, Toluene, Ethyl benzene, Xylenes (BTEX)/EPA SW-846, Test Method 8021B. BTEX samples shall be preserved in accordance with AK 101 method SMK.
- e. TCLP Metals and TCLP Volatile Organic Chemicals Test Method SW846-1311 shall be taken from the contaminated stock pile.
- f. Sampling sites within an excavation shall include sidewalls, bottom, top of the soil-groundwater interface if it is exposed, and groundwater if it collects in the excavation.

#### 3.3.3.1 Number of Samples

The minimum number of soil samples collected from excavations shall be as identified in 18 AAC 78 (including guidance manuals). The Contractor is responsible for preparing the proposed sampling scheme and determining the analyses to be performed on the samples, and shall include this information in the Sampling and Analysis Plan (SAP).

- a. Stockpiles. Samples shall be taken each day that excavation or stockpiling operations occur. The following numbers of samples, as a minimum, shall be collected and tested in accordance with the

approved SAP.

b. Temporary Stockpiles and all Excavated Materials: Sample as required to segregate excavated materials into classification specified, i.e., clean, suspected contaminated, and contaminated.

c. QC and Government QA samples shall be taken as specified in paragraphs: Quality Control (QC) Samples, and Government Quality Assurance (QA) Samples.

#### 3.3.3.2 Number of Tests

The tests specified shall be performed on each sample taken, except two TCLP tests (2 each TCLP metals and TCLP volatile organic chemicals) shall be done from the entire contaminated soil excavation. The number of tests shall be sufficient to perform the work specified as described in the SAP.

#### 3.3.4 Quality Control (QC) Samples

In addition to the samples and tests as specified above, ten percent (10%) (minimum of one) of the samples collected for each test method shall be collected as split/duplicate samples for analysis in the Contractor's commercial testing laboratory. Samples for volatile analyses shall be collected as triplicates, others shall be splits of homogenized samples. The SAP shall include information regarding the quantities and types of these samples to be collected. QC and QA samples shall be taken simultaneously as triplicate splits. Other Contractor QC Samples (trip blanks, decontamination blanks, etc.) and other samples shall be taken as required by the ADEC GUIDANCE MANUAL (ADEC-01, ADEC-02, ADEC-03, ADEC-04, ADEC-05) the SAP and the Internal Quality Control Reporting requirements below.

#### 3.3.5 Government Quality Assurance (QA) Samples (apply to soil samples only)

Quality Assurance Samples: In addition to the blind field duplicate QC samples, ten percent (10%) (minimum of one) of the samples collected for each test method shall be collected as split/duplicate samples for shipment to the Government QA laboratory as an external check on the laboratory analysis. QC and QA samples shall be taken simultaneously as triplicate splits. Samples for volatile analyses shall be collected as triplicates, others shall be splits of homogenized samples. This QA testing is in addition to, and separate from, the Contractor's commercial testing laboratory internal QA testing. The SAP shall include information regarding the quantities and types of these samples to be collected. This confirmational quality assurance analysis will be performed at a laboratory to be designated by the Contracting Officer.

##### 3.3.5.1 Submittals To The Government QA Laboratory

The Contractor shall submit to the Contracting Officer a list of required analyses, estimate of the number of tests, approximate sampling dates, and requested completion date for QA testing at least 20 days prior to shipping initial samples so that the work can be scheduled. The Contracting Officer shall be notified immediately of any changes. The Contractor shall provide

all labor and field supplies, including sample containers and shipping coolers, for collecting and shipping samples for Government QA testing. Government QA laboratory charges will be paid by the Government. The Contractor shall, in the presence of the Contracting Officer, properly collect, label, and package the duplicate QA samples, fill out all chain-of-custody forms, and ship the samples by one-day delivery service to the designated laboratory for analysis. The Contractor shall notify the Contracting Officer when all sampling is completed and shall clearly mark the chain-of-custody form accompanying the final shipment "FINAL" in 3 inch high lettering. A Summary Report shall be provided to the Contracting Officer within 7 days after the Contractor receives the project sample laboratory data. The report shall include a site plan and section showing the sample locations. The Summary Report shall also include the following:

- (1) Sample Key/Sample ID's: The Contractor shall prepare a tabular presentation which shall: match contract laboratory sample aids to QA laboratory sample aids; identify all Field Duplicates; identify all Field Blanks (including rinsates and trip blanks); match all rinsates with their corresponding field samples; and match each trip blank with the samples that accompanied it during shipment. The table shall include all relevant sample numbers, the date each was collected, the matrix of each, the analytical method(s) requested for each, and any other applicable information.
- (2) Sample Receipt: The Contractor's laboratory shall complete and report a "Cooler Receipt Form" for all shipments for purposes of noting problems in sample packaging, chain-of-custody, and sample preservation. The form shall also document the cooler's interior temperature upon opening by the laboratory.
- (3) Copies of all chain-of-custody forms.
- (4) General Organic and Inorganic Reporting: For each analytical method run, the Contractor shall report all analytes for each sample as a detected concentration or as less than the specific limits of quantization. Generally, all samples with out-of-control spike recoveries being attributed on matrix interferences shall be designated as such. All soil/sediment and solid waste samples shall be reported on a dry-weight basis with percent moisture and percent solids reported. The Contractor shall also report dilution factors for each sample as well as the date of extraction (if applicable) and date of analysis. All appropriate data quality flags shall be reported. Report time and date each sample was received at the laboratory, time and date each sample was extracted (if applicable), time and date each sample was analyzed, and holding times, sample storage and preservation.
- (5) Internal Quality Control Reporting: (At a minimum, internal quality control samples shall be analyzed at rates specified in the specific methods.
  - (a) Laboratory Blanks (Method Blanks and Instrument Blanks): All analytes shall be reported for each laboratory blank. All non-blank sample results shall be designated as corresponding to a particular laboratory blank in terms of analytical batch

processing.

(b) Surrogate Spike Samples: Surrogate Spike Recoveries shall be reported with all organic method reports where appropriate (i.e., when the method requires surrogate spikes). The report shall also specify the control limits for surrogate spike results as well as the spiking concentration. Any out-of-control recoveries (as defined in the specified method) shall result in the sample being rerun (both sets of data shall be reported) or data being flagged.

(c) Matrix Spike Samples: Matrix Spike Recoveries shall be reported for all organic and inorganic analyses. All general sample results shall be designated as corresponding to a particular matrix spike sample. The report shall indicate what field sample was spiked. The report shall also specify the control limits for matrix spike results for each method for each matrix.

(d) Laboratory Duplicates and/or Matrix Spike Duplicate Pairs: Relative Percent Difference shall be reported for all duplicate pairs as well as analyte/matrix specific control limits.

(e) Controls: When run for internal quality control, Laboratory Control Standards results shall be reported with the corresponding field sample data. Control limits for LCSs shall also be specified.

(6) Field Duplicates and Field Blanks: These samples shall be identified as such by the Contractor and reported as any other field sample. Field duplicates shall be reported alongside of the corresponding project sample result. Percent Relative Standard Deviation shall be reported for all field duplicate pairs. Field blanks shall be analyzed for the same parameters as the samples.

(7) Proof of Checking: Proof that the data have been checked by the laboratory manager or QA officer.

(8) Chromatograms: Chromatograms for all fuel identification and/or quantization methods, including GRO, DRO, etc.

#### 3.3.5.2 Data Validation

The Government laboratory will perform data validation. The product of this review is the Chemical Quality Assurance Report. Review will include all Quality Control parameters such as holding times, detection limits, method blanks, surrogate recoveries, matrix spikes and duplicates, and inter-laboratory and intra-laboratory data comparisons.

#### 3.3.5.3 Acceptance and Final Disposition

The Contractor shall allow 60 calendar days for laboratory analysis of QA samples and data review. The elapsed time shall begin when the Contractor's last sample arrives at the designated laboratory, provided that the Contractor's completed Summary Report is received within 30

calendar days thereafter. Otherwise, the Contractor shall allow 30 calendar days from the date the completed summary report is received at the laboratory. The Contractor may, at his option, continue activities based on initial sampling and QC results, prior to receipt of Government QA test results. Where Government QA results are unacceptable due to Contractor negligence (improper sample collection and/or handling by the Contractor), or where Government QA results conflict with the Contractor's QC results, further sampling and testing shall be performed as directed by the Contracting Officer. All costs for such additional sampling and testing due to Contractor negligence, including both QC and Government QA testing and analysis, and for any required remedial actions in the work, shall be borne by the Contractor. No payment will be made for laboratory sampling and testing prior to receipt and acceptance by the Government of the QA samples and the completed Contractor Summary Report, properly formulated in accordance with these specifications.

#### 3.3.5.4 Additional Sampling

If unsuitable (contaminated) soil conditions, in the opinion of the Contracting Officer, are encountered at the excavation lines specified, or elsewhere within the site boundaries, he/she may direct that sampling and testing beyond that outlined in the SAP be performed. If contamination is suspected or obvious, the Contractor shall recommend any further sampling and testing to ensure representative sampling of the contamination. The Contractor's recommendations shall be based on professional, prudent judgment. The Contractor shall perform such additional sampling and testing only when so directed in writing. Sampling and testing shall include quality control and Government quality assurance sampling, as required. An equitable modification of the contract will be made for any directed additional sampling and testing.

### 3.4 EXCAVATION AND DISPOSAL REQUIREMENTS

#### 3.4.1 Excavation

The Contractor shall conduct field screen testing prior to excavation to determine the approximate boundaries of any soil contamination and throughout the duration of excavation activities to identify any contaminated soils. Excavation shall be performed in a manner that will prevent contaminated soil from becoming mixed with previously uncontaminated soil. All excavated material shall be field screened per Paragraph Field Screening Tests. Other sampling and testing shall be as specified. Contaminated and uncontaminated soil shall be segregated in separate temporary stockpiles. Open excavations and stockpile areas shall be secured while awaiting verification test results. Surface water shall be diverted to prevent direct entry into the excavation. The excavation shall not be backfilled without approval from the Contracting Officer.

The Contractor shall attempt to achieve clean closure at each excavation site but shall not excavate beyond that required to complete the utilidor and building earthwork without written direction from the Contracting Officer. Any evidence that contamination extends beyond excavation required for the project's earthwork shall be reported on the same day it is discovered, to the Installation's Environmental Coordinator, and the

Contracting Officer.

#### 3.4.2 Temporary On-Site Stockpiles

Uncontaminated excavated soil shall be temporarily stockpiled and used for backfill within the requirements of these specifications. Contaminated soil shall be stockpiled for sampling. Uncontaminated soil shall be stockpiled separately from the contaminated soil, a safe distance away from, but adjacent to, the excavation. Contaminated soil shall be placed on an impermeable geomembrane meeting the minimum requirements in 18 AAC 75.370 for short term storage, and covered with a sheet of geomembrane meeting the minimum requirements in 18 AAC 75.370. Top covers for stockpiles shall be held in place with concrete pavers or sandbags.

#### 3.4.3 AM #1...Disposal of Contaminated Soil...AM #1

AM #1...The Contractor shall provide treatment of the contaminated soil at an offsite thermal desorption facility capable of processing the soil contaminant. The facility shall meet the requirements of 18 AAC 75.365, Offsite or Portable Treatment Facilities and shall have the required Federal, State, and local permits to operate and process the petroleum contaminated soil. The Contractor shall provide for an off-site final disposal site for the treated soil. Treated soil shall not be returned to Eielson Air Force Base. The Contractor shall provide the location of the disposal site to the Contracting Officer. The disposal site and method shall be in compliance with all Federal, State, and local regulations regarding fill and backfilling existing land features and, limitations on the use of the treated soil. Contractor shall provide Certificates of Thermal Remediation to the Contracting Officer and 354th CES/CEV in addition to all truck weigh bills for contaminated soil delivered for treatment....AM #1

#### 3.4.4 Disposal of Contaminated Water

The occurrence of contaminated sites is discussed in Appendix A, GEOTECHNICAL SUMMARY. The Contractor shall obtain a Notice of Disposal as defined under ADEC Wastewater General Permit No. 0240-DB001 for disposal of contaminated water. The Contractor shall provide all sampling, analysis, treatment, and reporting as required by this permit. A copy of the permit is in Appendix E, STATE OF ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION WASTEWATER GENERAL PERMITS.

#### 3.4.5 Transportation of Wastes

Transportation shall be provided in accordance with Department of Transportation (DOT) Hazardous Material Regulations and State and local requirements, including obtaining all necessary permits, licenses, and approvals.

##### 3.4.5.1 Hauling of Contaminated Soils

All truckloads of contaminated materials shall be covered during transport. If wet materials are transported, trucks shall be lined to preclude spillage of contaminated materials. The Contractor shall take precautions

to prevent particulate matter from becoming airborne. Any spills during transport shall be promptly picked up and the affected area cleaned. All spills shall be reported to the ADEC through the Installation Environmental Office (see paragraph, SPILLS). The Contractor shall take all necessary precautions to prevent any cross contamination between contaminated and non-contaminated soils.

#### 3.4.6 Investigative Derived Waste (IDW)

a. The Contractor shall provide drums for any IDW generated as part of this work. The drums shall be labeled with a Contractor point of contact and phone number, project name and number, and description of contents. The drums shall be stored at the Eielson Hazardous Waste Facility. The Contractor is responsible for sampling drum contents. The Government will treat the waste if it is POL contaminated. The Contractor shall dispose of waste contaminated with hazardous compounds which are not POL.

b. The Government will provide a facility for the decontamination of heavy equipment, if necessary.

#### 3.5 BACKFILLING

Excavations shall be backfilled as required to complete the utility work on schedule. The Contractor shall not wait for the soil sampling results prior to beginning backfill with uncontaminated soil. The excavation shall be dewatered if necessary at no expense to the Government. See Paragraph 1.3 DESCRIPTION OF WORK for use of contaminated soil as backfill.

#### 3.6 CONTAMINATED SOIL STOCKPILES

Long-Term soil stockpiles shall not be constructed for this work. The contaminated soil shall be transported to the off-site contaminated soil treatment facility within the 180-day time frame allowed by the ADEC for temporary, Short-Term soil stockpiles. A site on Base shall be coordinated with the Contracting Officer for Short-Term soil stockpiling. The Contractor shall include a plan for Short-Term soil stockpiling. This plan shall include diagram of the footprint, section, scheduling, placement, and maintenance of the stockpile area. The bottom membrane, cover, cover anchors, and all other materials and labor for the Short-Term stockpiles shall be provided by the Contractor. The materials and stockpile operation shall meet the requirements of 18 AAC 75.370.

#### 3.7 SITE ASSESSMENT REPORT (SA)

The Contractor shall prepare and submit a draft and final SA report for each excavation or site. All copies, except one final SA report, shall be bound, including all photographs/slides. The Contractor shall make an assessment of the site based on the fieldwork and analysis required by this contract. As-built drawings shall accompany the SA Report and be listed in the Report's Table of Contents. As a minimum, each SA report shall include the following:

a. The Owner's Name and Address.

- b. The Operator's Name and Address (if different from the owner).
- c. Location of the Excavation.
- d. Any historical information regarding a previous release, repair, spill or cleanup, which becomes known during the project.
- e. Data report required by ADEC GUIDANCE MANUAL.
- f. Name and business address of each person who supervised the SA.
- g. A narrative description of activities conducted at the site and dates the activities occurred.
- h. A scaled Site Sketch that shows the following:
  - (1) The location and configuration of any tanks, piping, containers, and contamination found (if applicable);
  - (2) The locations of any samples taken, including depth;
  - (3) the proximity to buildings;
  - (4) any release sites (if applicable);
  - (5) any free product sites (if applicable);
  - (6) any debris sites;
  - (7) a bar scale and north arrow; and
  - (8) any other pertinent information.
- i. A Photographic History. A photographic history and description of the contract work to include pre- and post-construction photographs. Each print shall show the following information in typewritten format:
  - (1) Location;
  - (2) Contract No.;
  - (3) Contractor/Photographer;
  - (4) Date/Time;
  - (5) Photograph No.;
  - (6) Description; and
  - (7) Direction of View.
- j. Local Climatological Conditions During the Site Work
- k. Documentation of Materials Handling to include:
  - (1) information on all "regulated" and "hazardous" materials;
  - (2) quantities removed;

- (3) procedures utilized;
- (4) disposition;
- (5) copies of "Complete Manifest Packages"; and
- (6) copies of all "Transportation and Disposal Tracking Forms".

l. Data Presentation. All test results shall be submitted. Results shall be presented as the reports were received from the laboratories and cross-referenced to summary sheets showing the date, time, location of the sample collected, and the name of person who collected the samples. The summary sheets shall include all project sample results, QC sample results, and QA sample results in a side-by-side format. (This is in addition to the Summary Report and test results. See paragraph Submittals to the Government QA Laboratory.) A summary of the sampling results and findings shall be included.

m. The Government Quality Assurance Report. The Government QA report shall be attached as an appendix; the SA Report will not be accepted without the QA Report. Payment will be withheld until the SA Report, including QA Report, is submitted. The Contractor shall attach a cover letter report to the QA report addressing comments on incomplete data, incorrect procedures, incorrect QA and QC procedures, poor holding times, etc.

n. Field Notes. The Contractor shall maintain field notes in a bound book. Field notes shall be written in ink. Erasures will not be allowed. The Contractor shall document all field activities and any visibly contaminated soil. The Contractor shall include a copy of the field notes as part of the draft Field Report. The original field notes shall be submitted as part of the final Field Report.

o. ADEC Forms.

### 3.7.1 SA Report Schedule

The Contractor shall submit the draft SA report within 21 calendar days of completion of excavation. The Contracting Officer will provide comments on the draft report to the Contractor within 30 calendar days after the draft report has been submitted. The Contractor shall incorporate all Government comments in the final report. The Contractor shall submit the final report within 14 calendar days or receipt of comments.

-- End of Section --