

John Light

From: Bill Reynolds [Wreynolds@hawl.com]
Sent: Wednesday, March 10, 2010 10:29 AM
To: John Light
Cc: Russ Snow
Subject: Tank & BPS Amendment #1
Attachments: Amend no 1.pdf; AESI change order 1.pdf

Hi John,

Attached is a copy of our requested Amendment #1 for the sonic drilling equipment. I spoke with Dave Dunnell at USDA, and he said that the additional services are very likely allowable under the loan, and the costs of which would be allowable under the contingency in the existing maximum loan amount.

I will mail two original documents to you today.

Let me know if you have any questions.

Thank you!
Bill

Bill Reynolds, P.E.

Hammond Collier Wade Livingstone
4010 Stone Way N., Suite 300, Seattle, WA 98103
Direct line: (206) 732-2012

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.436 / Virus Database: 271.1.1/2736 - Release Date: 03/11/10 07:33:00

3/11/2010

LETTER OF TRANSMITTAL

RECEIVED
MAR 11 2010

BY:.....



HAMMOND COLLIER
WADE LIVINGSTONE

4010 Stone Way North, Suite 300, Seattle, Washington 98103
Phone: (206) 632-2664 Fax: (206) 632-0947

To: City of Gold Bar 107 – 5th Street Gold Bar, WA 98251 Attn: John Light	RE: Reservoir and Booster Pump Station
	Date: March 10, 2010
	Job Number: 09-25-002

Attached are:

Copies	Date	Description
2	3/10/10	Amendment No 1 to the ESA.

These are transmitted as checked below:

- For review
 For your use
 As requested
 For review and comment

Remarks:

Copy to: _____ Signed: William Reynolds
 William Reynolds, P.E.

If enclosed are not as noted, please notify us at once.



HAMMOND COLLIER
WADE LIVINGSTONE

AMENDMENT NO. 1
to
ENGINEERING SERVICES AGREEMENT
with
CITY OF GOLD BAR
for
RESERVOIR AND BOOSTER PUMP STATION

This supplementary scope of services is for the mobilization and use for sonic drilling equipment for continued subsurface boring beyond the depth achieved with the previously attempted auger boring process. Unexpected soil conditions at approximately 15-feet below grade were encountered that include extremely dense, cobbly glacial till, that is not penetrable with the auger boring equipment anticipated in the original scope of services. Associated Earth Sciences, Inc. has requested the additional fees in their letter of March 1, 2010, attached to this Amendment No. 1. AESI's fee of \$6,063.05 will be subject to HCWL's 10% administrative fee, for a total of \$6,670.00

Continued boring is necessary to determine the characteristics of a silt layer identified in previous site borings at approximately 50-feet below grade, and to quantify any compressibility of that soil strata.

The existing agreements are hereby amended to include:

1. **Project Tasks:**

The original Scope of Services remains unchanged. This Amendment is for additional costs to utilize sonic drilling equipment for subsurface geotechnical investigation.

2. **Compensation & Reimbursement of Costs**

a) Method of Payment: Unchanged

b) Amounts Payable:

Original contract Amount:	\$287,000.00
<u>Amendment No. 1 amount:</u>	\$ 6,670.00 (see attached exhibit)
Total Adjusted Contract Amount:	\$293,670.00

HAMMOND COLLIER WADE LIVINGSTONE

CITY OF GOLD BAR

By: *William R. Smith*

By: _____

Title: *Vice Pres.*

Title: _____

Date: *3/10/10*

Date: _____

Associated Earth Sciences, Inc.



Celebrating Over 25 Years of Service

March 1, 2010
Project No. EE090289A

Hammond Collier Wade Livingstone
4010 Stone Way North, Suite 300
Seattle, Washington 98103

Attention: Mr. Bill Reynolds

Subject: Request for Change Order
City of Gold Bar Reservoir and Booster Pump Station
40501 State Route 2
Gold Bar, Washington

Dear Mr. Reynolds:

On February 24, 2010, Associated Earth Sciences, Inc. (AESI) attempted to complete subsurface explorations for the above-referenced reservoir using a truck-mounted, hollow-stem auger drill rig as per our August 27, 2009 proposal for services. The contractor encountered refusal to auger drilling on coarse cobbles and boulders at a depth of about 15 feet below the existing site grades. Drilling through the boulder zone was attempted in a total of four different locations and the equipment was pushed to the point where the auger teeth were sheared off. Due to the shallow refusal, AESI did not utilize the entirety of the original budget allotted and will bill accordingly for time and drilling footage performed on February 24, 2010.

In order to complete the subsurface boring schedule as specified in our original contract and provide geotechnical engineering recommendations for the project, AESI respectfully requests a change order to cover the additional expense required to complete an exploration boring to 50 feet. The additional costs are due to having to use sonic drilling in order to penetrate the difficult drilling conditions encountered at depth and for additional field time. The additional requested budget is summarized below.

Change Order Request

Cost for Sonic Drilling	\$6,089.25
AESI Labor	<u>\$900.00</u>
CHANGE ORDER REQUEST	\$6,989.25

Credited Drilling Cost

Estimate for 110 feet of HSA Drilling\$3,700.00
Actual Cost for 51 feet of HSA Drilling\$2,773.80

CREDITED DRILLING COST..... \$926.20

Net Change Order Request

Change Order Request.....\$6,989.25
Credited Drilling Cost \$-926.20

NET CHANGE ORDER REQUEST\$6,063.05

We understand the need to complete our work as soon as possible and are working with the drilling subcontractor to obtain the earliest possible day to complete the drilling. Upon completion of our fieldwork, we can have a final report delivered to the Client within 5 working days.

We appreciate the opportunity to be of service to you on this project. Should you have any questions regarding this letter or other geotechnical aspects of the project, please call us at your earliest convenience.

Sincerely,
ASSOCIATED EARTH SCIENCES, INC.
Everett, Washington



Edwardo Garcia, P.E.
Project Engineer



Bruce L. Blyton, P.E.
Principal Engineer