

**Highline Water District  
King County, Washington**

**RESOLUTION 13-9-4B**

**RESOLUTION AUTHORIZING AMENDMENT NO. 1 TO CONTRACT #12-60-08 WITH PACE ENGINEERS, INC. FOR PROJECT 12-1 MILITARY RD S WATER MAIN REPLACEMENT (S 176TH STREET TO S 166TH STREET)**

**WHEREAS**, by passage of Resolution 12-5-22A, the Board of Commissioners authorized Contract 12-60-08 with PACE Engineers, Inc. for the design of Project 12-1 Military Rd S Water Main Replacement (S 176th Street to S 166th Street)

**WHEREAS**, PACE Engineers, Inc. submitted a proposed budget addendum for additional services to complete the water main plans and specifications; and

**WHEREAS**, at the request of the District, PACE provided a scope of services for the Construction Phase Support of the project; and


**WHEREAS**, the General Manager and District Engineer have reviewed the 8/22/13 budget addendum and scope of work submitted by PACE Engineers, Inc. (Attachment #1) for the additional services and recommend approval of this resolution.

**NOW THEREFORE, BE IT RESOLVED:**

1. The Board of Commissioners authorizes Amendment No. 1 to Contract #12-60-08 (PACE Engineers, Inc.) for a not-to-exceed amount of \$42,900.00 excluding sales tax, as referenced in Attachment #1 (incorporated herein by this reference).
2. The General Manager or designee is authorized to sign Amendment No. 1 (Attachment #2, incorporated herein by this reference) to facilitate the additional work for Project 12-1 Military Rd S Water Main Replacement (S 176th Street to S 166th Street).

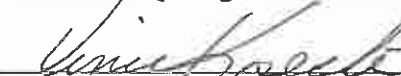
**ADOPTED BY THE BOARD OF COMMISSIONERS** of Highline Water District, King County, Washington, at an Open Public Meeting held this **4th** day of **September 2013**.

**BOARD OF COMMISSIONERS**

  
\_\_\_\_\_  
Daniel Johnson, President

  
\_\_\_\_\_  
Kathleen Quong-Vermeire, Secretary

\_\_\_\_\_  
Gerald R. Guite, Commissioner

  
\_\_\_\_\_  
Vince Koester, Commissioner

  
\_\_\_\_\_  
George Landon, Commissioner



August 22, 2013

**ATTACHMENT 1**

Mr. Jeremy DelMar, PE  
 Highline Water District  
 PO Box 3867  
 Kent, WA 98032

**Subject:        *Military Road South Water Main Replacement  
 AMENDMENT NO. 1***

Dear Jeremy:

As we discussed in our previous correspondence and meetings, PACE encountered significantly more effort in the water main design than was anticipated in our original scope and fee estimate. There was additional effort related to the multiple reviews and coordination with SeaTac and their consultant, Reid Middleton, which created additional design modifications, drafting and specification modifications. There was effort to import the Reid Middleton's design CAD files for our base maps each time the roadway plan and profile changed. They have a unique method of constructing their drawings that required us to modify layers, sort multiple references files and images to get the base maps to show the appropriate information on the water main plans.

Other factors causing the additional services include review of additional roadway profile drawings (5 side streets), utility and retaining wall coordination/modification, coordination with Olympic/BP for location of the fuel pipeline, additional review of plans and specs by the City and R-M, and adjustment of design to accommodate changes to the JUT alignment. Other changes included adding fire hydrants to provide greater coverage as requested by the fire marshal, addition of a profile for 168<sup>th</sup> St., extension of the water main plan & profile to the north (a portion that was previously deleted), and a last-minute revision to the water main profile requested by the city to accommodate changes to the JUT depths and separation.

The additional effort resulted in fees of **\$22,900.00** to complete the water main replacement plans and specifications. The design is complete and has been incorporated into the City's construction documents, and is currently in the process of award to the contractor. There will be no further fees required for the design phase of the project. We would greatly appreciate your consideration of our request for supplemental budget to assist PACE in recovering this unanticipated work effort.

**Construction Phase Support**

At the request of the District we are providing the following proposed scope of services for Construction Phase Support. This task includes construction management assistance for the water main portion of the project during the construction period, including the following tasks:

1. Attend any construction meetings, including pre-construction meeting on an on-call basis.
2. Review material submittals for compliance with contract documents.
3. Review and approve contract pay estimates, if required.

4. Provide clarification and interpretations for RFI's, as directed by the District.
5. Review changes to drawings or specifications as necessary to respond to field conditions and as directed by the District.
6. Periodically monitor construction to determine compliance with the design intent.
7. Attend the final inspection with District staff, prepare punch lists and prepare recommendation of project acceptance.
8. Prepare Record Drawings, based on the District inspector's and Contractor's as-built markups and notes. Final Record Drawings will be provided in both mylar and electronic format.

We propose to complete the Construction Phase Support work on a time and material basis for a supplemental fee not to exceed **\$20,000.00**.

We propose that the additional services be incorporated into our current agreement with this Amendment No.1, for a total supplemental amount of **\$42,900.00**. Please contact me if you have any questions about our request. We very much appreciate your continued use of PACE, and look forward to working with you in the next phase of this project!

Sincerely,  
PACE Engineers, Inc.



Bill Reynolds, P.E.  
Principal Engineer

**PACE Engineers**

**Project Budget Worksheet - 2011 District Rates**

Project Name: **Military Road Water Main Replacement**  
 Project #: **12106**  
 Billing Group #: **02**

Client: **Highline Water District**  
 Task #:

Prepared By: **B. Reynolds**  
 Date: **August 6, 2013**

Staff Type # (See Labor Rates Table)	Labor Hours by Classification										Hour Total	Dollar Total		
	10	12	15	16	75	24	19	45	50	52			91	
Drawing/Task Title	Labor Code	Principal Engineer	Project Manager	Senior Engineer	Engineer II	Cad Drafter II	Designer II	Structural Engineer	Project Surveyor	Party Chief	Instrument person	Project Administrator	Hour	Total
<b>Task 6 - Construction Phase Support</b>														
Attend meetings		8	6										0.0	\$0.00
Review material submittals		4	8		12							4	14.0	\$2,190.00
Review progress payments			4		12								26.0	\$3,420.00
Responses to RFIs		4	8		4								16.0	\$1,840.00
Review field changes		2	8		4								14.0	\$1,910.00
Perforac Site Visits		6	8		8								22.0	\$2,990.00
Attend final inspection / prepare punch list		4	8		8							4	16.0	\$1,840.00
Prepare Record Drawings		2	2		10	20							34.0	\$3,570.00
<b>Hours Total</b>		30.0	44.0	0.0	56.0	20.0	0.0	0.0	0.0	0.0	0.0	8.0	160.0	\$20,000.00
<b>Labor Total</b>		\$4,950	\$6,380	\$0	\$6,090	\$1,900	\$0	\$0	\$0	\$0	\$0	\$680	\$20,000.00	

Expenses	rate/unit	Quantity	Reimbursable	Cost
Postage/Courier				
Printer				
Print/Video				
Manager Travel/Per Diem				
Copying/Misc				
Technology Fee				
<b>Total</b>			\$0	\$0

Subconsultants	
Utility Locate	
Mechanical Engineer	
Electrical Engineer	
Geotechnical Engineer	
I & C Engineer	
<b>Subconsultant Subtotal</b>	\$0
Markup	12%
<b>Total</b>	\$0

Subconsultants	
PACE Billed Labor Total	\$20,000.00
Reimbursable Expenses	\$0.00
Subconsultants	\$0.00
<b>Total Project Budget</b>	<b>\$20,000.00</b>

Rate Table Used: 2011 District Rates



**PROJECT 12-1 MILITARY RD S WATER MAIN REPLACEMENT  
(S 176TH STREET TO S 166TH STREET)**

**AMENDMENT #1  
CONSULTANT AGREEMENT FOR SERVICES  
PACE ENGINEERS, INC. CONTRACT #12-60-08**

PACE Engineers, Inc. has requested additional compensation for the following revisions:

Additional Design Services for Water Main plans and specifications	\$22,900.00
Task 6 – Construction Phase Support	\$20,000.00
<b>Contract Revision Total</b>	<b>\$42,900.00</b>
<b>Previous Contract Amount</b>	<b>\$49,750.00</b>
<b>Current Contract Amount</b>	<b>\$92,650.00</b>

PACE Engineers, Inc. will undertake the above-referenced additional work on a time-and-expense basis. The estimated cost for the additional services is \$42,900.00. The current contract amount is \$49,750.00. The revised contract amount is \$92,650.00. The same standard general terms and conditions will apply as agreed to in Contract #12-60-08 dated 5/30/12.

**Effective Date.** The effective date of this Amendment shall be the date signed by an authorized representative of the District.

**HIGHLINE WATER DISTRICT**

**PACE ENGINEERS, INC.**

By: \_\_\_\_\_  
Matt Everett

By: \_\_\_\_\_  
Martin L. Penhallegon

Title: General Manager

Title: President

Date: \_\_\_\_\_

Date: \_\_\_\_\_

**Agenda Item No.:** 5.2  
**Agenda Date:** 9/4/2013  
**Reviewed By:** M.E.

**Subject:** Authorize Amendment No. 1 – PACE Engineers, Inc. - Contract #12-60-08  
Project 12-1 Military Rd S Water Main Replacement (S 176th Street to S 166th Street)

CATEGORY	
<i>Executive</i>	<input type="checkbox"/>
<i>Administrative</i>	<input type="checkbox"/>
<i>Engineering/Operations</i>	<input checked="" type="checkbox"/>

FINANCIAL						
<i>Expenditures?</i>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
<i>Budgeted?</i>	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
<i>Estimated Amount:</i>		\$	<u>42,900.00</u>		Excludes sales tax	

**ATTACHMENTS:**

1. Resolution 13-9-4B
2. Attachment #1 – PACE Engineers, Inc. Budget Addendum/Scope of Work
3. Attachment #2 - Amendment No. 1

**COMMENTS:**

PACE Engineers, Inc. submitted a proposed budget addendum for additional services to complete the water main plans and specifications and at the request of the District, provided a scope of services for the Construction Phase Support of the project

The General Manager and District Engineer have reviewed the 8/22/13 budget addendum and scope of work submitted by PACE Engineers, Inc. for the additional services and recommend approval of this resolution.