

**HIGHLINE WATER DISTRICT
King County, Washington**

RESOLUTION 19-7-3A

RESOLUTION AUTHORIZING AMENDMENT #2 TO CONTRACT #19-60-06 WITH MURRAYSMITH, INC. FOR ADDITIONAL PROFESSIONAL SURVEYING AND ENGINEERING SERVICES RELATING TO PROJECT 19-1 NORTH HILL AC WATER MAIN REPLACEMENT

WHEREAS, the District requested Murraysmith, Inc. submit a Scope of Services and Fee Estimate proposal for additional professional surveying and engineering services which includes approximately 1,000 LF of additional 8-inch DI water main replacement and appurtenances in 6th Ave S and S 209th St (referenced as Attachment 1 and incorporated herein); and

WHEREAS, the engineering services tasks included in Amendment #2 are as follows:

WHEREAS, the General Manager and District Engineer reviewed the 6/10/19 Scope of Services and Fee Estimate submitted by Murraysmith, Inc. and recommend approval of this resolution.

NOW, THEREFORE, BE IT RESOLVED:

1. The Board of Commissioners approves Amendment #2 for a not to exceed amount of \$11,070.00 to Contract 19-60-06 with Murraysmith, Inc.
2. The General Manager or Designee is authorized to execute Amendment #2 (referenced as Attachment-1 and incorporated herein) for Project 19-1 North Hill AC Water Main Replacement.
3. The General Manager and/or the District's legal counsel are authorized to make minor changes to the Amendment if required.
4. The Board of Commissioners ratifies Amendment #1 adding services to design road improvement work to be reimbursed by the City of Des Moines.

ADOPTED BY THE BOARD OF COMMISSIONERS of Highline Water District King County, Washington, at an open public meeting held on this **3rd** day of **July 2019**.

BOARD OF COMMISSIONERS



Kathleen Quong-Vermeire, President



Vince Koester, Secretary



Todd Fultz, Commissioner



Daniel Johnson, Commissioner

George Landon, Commissioner



AMENDMENT #2

CONSULTANT AGREEMENT FOR SERVICES
MURRAYSMITH, INC. – CONTRACT # 19-60-06
PROJECT 19-1 NORTH HILL AC WATER MAIN REPLACEMENT

Murraysmith, Inc. has requested the following additional compensation (**Exhibits A and B**), incorporated herein, to amend the original contract for engineering services.

Task	Description	Amount
101.1	Project Status Reporting	\$ 502.00
101.2	Staff/Consultant Team Management	\$ 160.00
101.3	Invoices and Budget Oversight	\$ 643.00
101.6	Amendment 2 Scope Development (New)	\$ 656.00
102.2	Correspondence and Coordination with District	\$ 461.00
202	Field Survey and Base Map Development	\$ 7,755.00
202.1	Coordination with Survey Consultant	\$ 752.00
202.2	Coordination with District	\$ 141.00
Contract Revision Total		\$ 11,070.00
Previous Contract Amount		\$ 232,206.00
Revised Contract Amount		\$ 243,276.00

Murraysmith, Inc. will undertake the above-referenced additional work on a time-and-expense basis. The estimated cost for these additional services is \$11,070.00. The current contract amount is \$232,206.00. The revised contract amount is \$243,276.00. The same standard general terms and conditions will apply as agreed to in Contract #19-60-06 dated 3/11/19.

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

HIGHLINE WATER DISTRICT

MURRAYSMITH, INC.

By: _____
Matt Everett

By: _____
Jeff Kreshel, PE

Title: General Manager

Title: Principal Engineer

Date: _____

Date: _____

EXHIBIT A

SCOPE OF SERVICES 19-1 NORTH HILL AC WATER MAIN REPLACEMENT PROJECT HIGHLINE WATER DISTRICT AMENDMENT NO. 2

Statement of Understanding

Murraysmith, Inc. (Murraysmith) has developed the following Scope of Work to amend the original contract for engineering services for the Highline Water District (District) 19-1 North Hill AC Water Main Replacement project. The scope and budget have been developed based on the current understanding of the desired additional water main improvements and supplemental survey and base map. Additional water main improvements will be defined by Highline Water District and are anticipated to include approximately 1,000 LF of additional 8-inch DI water main replacement and appurtenances in 6th Avenue S and S 209th Street.

Scope of Services

The scope of services for this Additional Work includes both additions to the existing tasks and a new sub-task. The tasks, subtasks, deliverables, City and/or District responsibilities, and assumptions stated in the original scope of services and in Amendment No. 1 are still valid. This Amendment No. 2 will supplement those services with the Additional Work.

Task 101 - Project Management

Additional management of the project and coordination with the project team related to extended project schedule.

- 101.1 Project Status Reporting – Report status of work activities, data needs and issues requiring District input through e-mails and phone calls to District Project manager.
- 101.2 Staff/Consultant Team Management – Manage project staff and subconsultant to ensure all services are in conformance with the scope of services, budget, and schedule.
- 101.3 Invoices and Budget Oversight – Monitor project costs and manage budget and billing tasks, including preparation and submission of monthly invoices and progress reports.

101.6 Amendment 2 Scope Development (New) – this subtask will be for the effort to coordinate a scope and fee to get Amendment No. 2 authorized. The effort includes coordinating with the District to understand and define the Additional Work.

Task 102 – Project Meetings and Coordination

Additional project coordination with District staff related to extended project schedule. The following individual subtasks are further defined below.

102.2 Correspondence and Coordination with District - All communication will be coordinated through the District’s Project Manager. Correspondence with the District Project Manager via phone conversations and e-mail will include the communication of project decisions, project status, work activities, and issues requiring District input.

Task 201 – Data Collection and Review

No changes

Task 202 – Field Survey and Base Map Development

Provide additional topographic surveying and base map preparation for the expanded project limits illustrated and defined in Attachment A (highlighted in orange). The mapping for this task consists of approximately 1,000 LF (**water main length*) of roadway within the Right of Way corridor. The following work elements are included as Attachment B – Pace Engineers, Inc. Proposal.

202.1 Coordination with Survey Consultant – Coordinate survey work and deliverables with Pace Engineers, Inc.

202.2 Coordination with District – Coordinate with District regarding review and verification of base map and existing utility systems for accuracy and completeness.

Assumptions:

- Base map will be updated based on District review and verification for accuracy and completeness of existing water system.
- Pace Engineers, Inc. assumptions are listed in Attachment B.

Task 301 - Preliminary Design

No changes

Task 401 – Final Design

The amount of Additional Work being added to this contract as part of Amendment 2 is equal in both scope and effort to prior work which has been removed from the project per District direction (see crossed out segments in Attachment A), therefore the scope and fee for Task 401 – Final Design scope and effort requires no amendment at this time. The intent is to submit the additional water main design as part of the 90% submittal unless otherwise decided by the District.

Task 501 – Assistance During Bid Period (Limited)

No changes

Preliminary Estimated Schedule Update

The preliminary estimated schedule shifted slightly due to contract and coordination efforts and was not impacted based on the Additional Work identified in this Amendment 2. Murraysmith and their sub-consultant will proceed according to the work program shown below, however the schedule may change due to factors beyond Murraysmith’s control, such as additional time required for District (and/or City) review, etc.

Notice to Proceed	March 2019
Data Collection/Survey and Base Map	March – April 2019
60% Draft P&E/Submittal	May 2019
Additional Survey and Base Map	June – July 2019
90% Draft PS&E Submittal	July – August 2019
Final Bid-Ready Documents	August – September 2019
Bidding and Award	January 2020
Construction	February – May 2020

Preliminary Drawing List Update

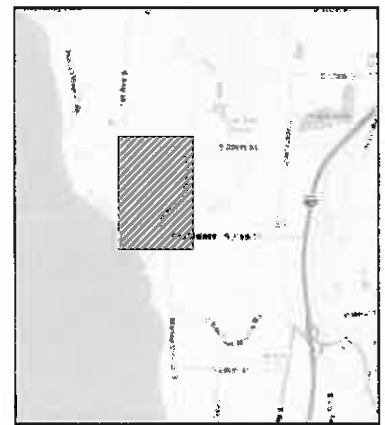
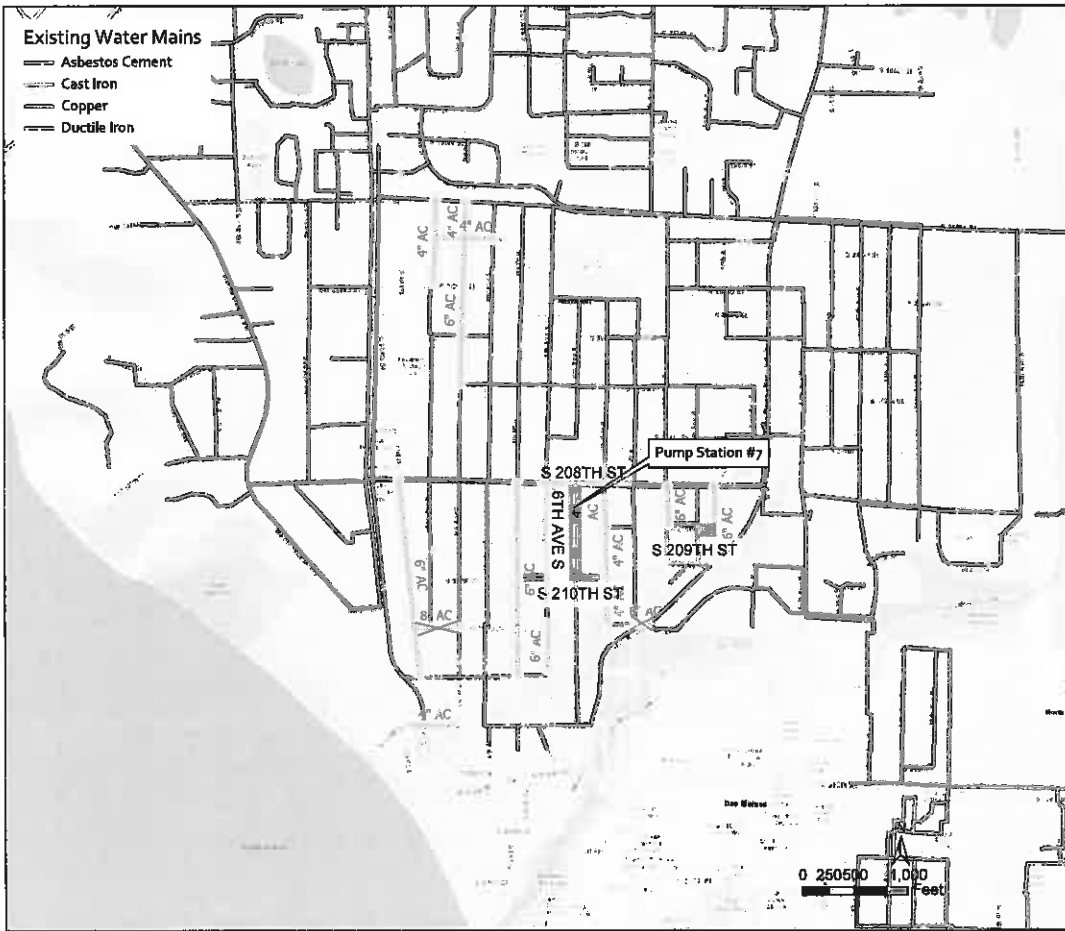
No changes for reasons identified/discussed previously herein.



Project 19-1: AC Water Main Replacement

Project Notes:

Consultant: TBD
Project Length: ~10,000 LF





June 17, 2019

Murraysmith
Shelby Asato, PE
520 Pike Street, Suite 1350
Seattle, WA 98101

***Subject: Survey Proposal for Professional Survey Services
Expansion to North Hill AC Water Main Replacement, Project 19-1***

Dear Shelby,

PACE Engineers, Inc., is pleased to submit this cost proposal for providing Professional Survey Services for the subject project. If anything in this proposal is not as you anticipated, please let us know so we can adjust it as required. The tasks, scope of work and total cost for these tasks, as we envision them, are as follows:

Area of Coverage:

Mapping of approximately 1,000 lf of the full right of way including portions of 6th Avenue S and S 209th Street as delineated in Orange on the attached drawing.

Scope of Services:

Perform a Topographic Survey of the project area to reflect current conditions including mapping of the right of way sufficient to create 2-foot contours, including but not limited to buildings, walks, edges of pavement, significant trees (<6" dbh) and all street trees, fences, retaining walls and rockeries. PACE will coordinate for underground utility locates (to be performed by others). Sanitary sewer and storm drain structures will be located and pipe type and invert elevations will be labeled. The Survey will be prepared showing property boundary and Right-of Way lines based on property description, available record survey information and monuments shown thereon. C3D 2018 files will be provided at completion of the survey.

Schedule:

We are available to commence work on this project within one week of receipt of notice to proceed and anticipate delivery of the Survey within 10 working days thereafter.

Fee: Topographic Survey

The cost for the Survey services will be completed on a **fixed fee basis of: \$6,800.00**

Subconsultant/Locate estimated fee of: **\$250.00**
To be invoiced separately

Terms and Conditions

As specified in previous agreement.

In summary, we have developed a scope of work and budget based on our present knowledge of the proposed project. We have tried to cover all aspects of the project; however, if you feel that additional areas of work require our attention or if you have any questions please do not hesitate to contact us. If you concur with this proposal, please sign below and forward one copy back to our office. Your returned copy will constitute a notice to proceed.

PACE ENGINEERS, INC.



William R. Hawkins
Senior Principal Surveyor

I authorize work to proceed and payment as set forth in this agreement and the attached terms and conditions:

Name	Title	Date
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**Amendment No. 2
19-1 North Hill AC Water Main Replacement Project
Highline Water District**

FEE ESTIMATE

							ESTIMATED FEES						
	Principal Engineer IV	Professional Engineer IV	Engineering Designer II	Technician III	Administrative I	Hours	Labor	Subconsultants			Subconsultant Total	Expenses	Total
	\$245	\$160	\$141	\$137	\$91			PAGE					
Task 101 - Project Management													
Task 101.1 - Project Status Reporting		2			2	4	\$ 502				\$ -	\$ -	\$ 502
Task 101.2 - Staff/Consultant Team Management		1				1	\$ 160				\$ -	\$ -	\$ 160
Task 101.3 - Invoices and Budget Oversight		2	1		2	5	\$ 643				\$ -	\$ -	\$ 643
Task 101.4 - Quality Assurance/Quality Control (QA/QC)						0	\$ -				\$ -	\$ -	\$ -
Task 101.5 - Amendment 1 Scope Development						0	\$ -				\$ -	\$ -	\$ -
Task 101.6 - Amendment 2 Scope Development (New)	1	2			1	4	\$ 656				\$ -	\$ -	\$ 656
Task 101 Subtotal	1	7	1	0	5	14	\$ 1,961	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,961
Task 102 - Project Meetings and Coordination													
Task 102.1 - Kick-off Meeting						0	\$ -				\$ -	\$ -	\$ -
Task 102.2 - Correspondence and Coordination with District		2	1			3	\$ 461				\$ -	\$ -	\$ 461
Task 102.3 - Correspondence and Coordination with City						0	\$ -				\$ -	\$ -	\$ -
Task 102.4 - Roadway Improvement Site Visit						0	\$ -				\$ -	\$ -	\$ -
Task 102 Subtotal	0	2	1	0	0	3	\$ 461	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 461
Task 201 - Data Collection and Review													
Task 201.1 - Data Request List						0	\$ -				\$ -	\$ -	\$ -
Task 201.2 - Review Data and Information						0	\$ -				\$ -	\$ -	\$ -
Task 201 Subtotal	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 202 - Field Survey and Base Map Development													
Task 202.1 - Coordination with Survey Consultant		1	2	2		5	\$ 716	\$ 7,755			\$ 7,755	\$ -	\$ 7,755
Task 202.2 - Coordination with District			1			1	\$ 141				\$ -	\$ 36	\$ 752
Task 202.3 - Franchise Utilities Coordination						0	\$ -				\$ -	\$ -	\$ 141
Task 202 Subtotal	0	1	3	2	0	6	\$ 857	\$ 7,755	\$ -	\$ -	\$ 7,755	\$ 36	\$ 8,648
Task 301 - Preliminary Design													
Task 301.1 - Roadway Improvement Plan Incorporation (60% Design Completion Level)						0	\$ -				\$ -	\$ -	\$ -
Task 301.2 - Utility Improvement Engineer's Opinion of Probable Construction Cost						0	\$ -				\$ -	\$ -	\$ -
Task 301.3 - Roadway Improvement Schedule Engineer's Opinion of Probable Construction Cost						0	\$ -				\$ -	\$ -	\$ -
Task 301 Subtotal	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 401 - Final Design													
Task 401.1 - Plans, Tech. Specifications & Estimate (PS&E) - 90%						0	\$ -				\$ -	\$ -	\$ -
Task 401.2 - Final Bid Ready Plans, Tech. Specifications & Estimate						0	\$ -				\$ -	\$ -	\$ -
Task 401.3 - Front End Documents (limited)						0	\$ -				\$ -	\$ -	\$ -
Task 401 Subtotal	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 501 - Assistance During Bid Period (Limited)													
Task 501.1 - Bidder Inquiries						0	\$ -				\$ -	\$ -	\$ -
Task 501.2 - Addendum						0	\$ -				\$ -	\$ -	\$ -
Task 501 Subtotal	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL - ALL TASKS	1	10	5	2	5	23	\$ 3,279	\$ 7,755	\$ -	\$ -	\$ 7,755	\$ 36	\$ 11,070

Agenda Item No.: 5.1
Agenda Date: 07/03/19
Reviewed By: 

Subject: Authorize Amendment #2 – Murraysmith, Inc. - Contract #19-60-06
Project 19-1 North Hill AC Water Main Replacement

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>11,070.00</u>
						<small>Excludes sales tax</small>

ATTACHMENTS:

1. Resolution 19-7-3A w/Attachment 1

COMMENTS:

The District requested Murraysmith, Inc. submit a Scope of Services and Fee Estimate proposal for additional professional surveying and engineering services which includes approximately 1,000 LF of additional 8-inch DI water main replacement and appurtenances in 6th Ave S and S 209th St

The General Manager and District Engineer have reviewed the 6/10/19 Scope of Services and Fee Estimate and recommend approval of this resolution.