

**NORTH BEACH WATER DISTRICT
PACIFIC COUNTY, WASHINGTON**

RESOLUTION 23-2016

A RESOLUTION OF THE NORTH BEACH WATER DISTRICT OF PACIFIC COUNTY, WASHINGTON, APPROVING THE REVISED SCOPE OF WORK FOR THE CONTRACT FOR PROFESSIONAL SERVICES WITH GIBBS AND OLSON, PROFESSIONAL ENGINEERS.

WHEREAS, on August 17, 2015 the Board of Commissioners (Board) of North Beach Water District (District) adopted Resolution 17-2015 awarding a Contract for Professional Services (Contract), to design a new booster station (Project) to correct the fire flow deficiency in the southeastern section of the distribution system, to Gibbs and Olson P.E. (Engineer); and

WHEREAS, during the initial stages of the Project the Engineer determined that the most efficient correction of the fire flow deficiency in the southeastern section of the distribution system would be to install a water main under Loomis Lake to create a looped water main between the water main along Highway 103 and Birch Place via 201st Street and 205th Street (Revised Project); and

WHEREAS, the general manager has reviewed the District's Water System Plan and determined the Revised Project complements the District's long range plans;

NOW, THEREFORE, THE NORTH BEACH WATER DISTRICT BOARD OF COMMISSIONERS, DOES HEREBY RESOLVE AS FOLLOWS:

Section 1 Amendment No. 1 to the Contract for Professional Services approved on August 17, 2015 by Resolution 17-2015, attached hereto and incorporated herein as Exhibit A, is hereby approved.

Section 3 All other terms and conditions of the Contract for Professional Services approved on August 17, 2015 by Resolution 17-2015 shall remain unchanged and in full force and effect.

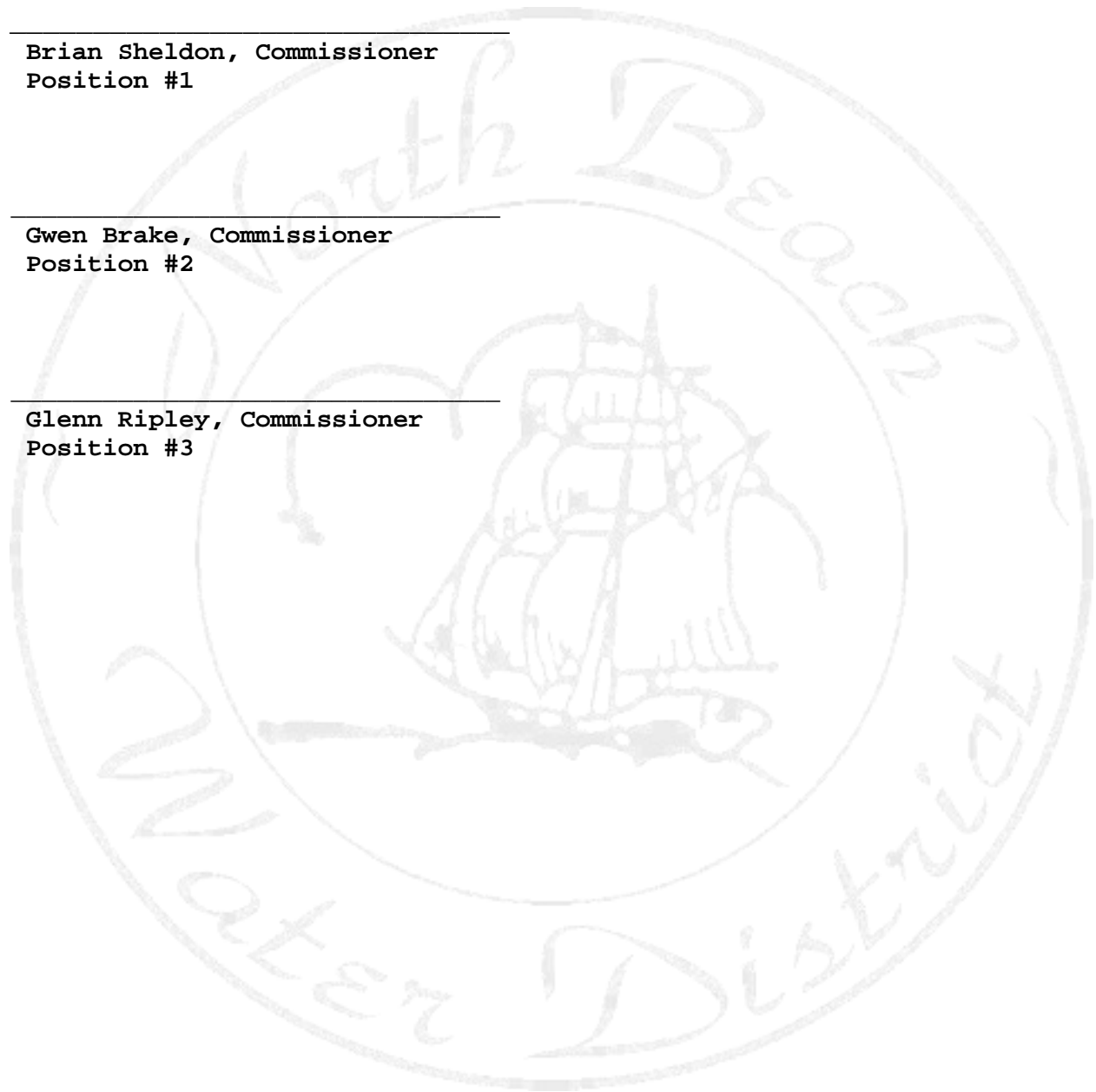
Section 4 The General Manager is hereby authorized and directed to do any and all things and to execute and deliver any and all documents which may be required or advisable in order to consummate Amendment No. 1 to the Contract for Professional Services approved on August 17, 2015 by Resolution 17-2015.

ADOPTED BY THE NORTH BEACH WATER DISTRICT BOARD OF COMMISSIONERS, PACIFIC COUNTY, WASHINGTON THIS 20TH DAY OF JUNE, 2016

Brian Sheldon, Commissioner
Position #1

Gwen Brake, Commissioner
Position #2

Glenn Ripley, Commissioner
Position #3



AMENDMENT NO. 1

This Amendment No. 1 modifies the Agreement for Engineering Services (Agreement) between Gibbs & Olson, Inc., Longview, WA (Engineer) and North Beach Water District (Client) executed September 2, 2015, for a Project known as the Birch Place Booster Station.

The following modifications are made to the Agreement:

The Engineer's Scope of Work, Budget and Schedule are modified to discontinue work on the Birch Place Booster Station design and to include additional engineering services to provide preliminary design, final plans, specifications and engineering estimates (PS&E) and bid phase and construction phase services for implementation of water mains to provide a loop between Pacific Way and Birch Lane. The water main loop will require a pipe crossing under Loomis Lake. The project will improve water system hydraulics (flow & pressure) to the southeast section of the distribution system.

SCOPE OF WORK

DESIGN PHASE ENGINEERING SERVICES

During the Preliminary Design Phase, the Engineer shall:

- a) Consult with the Client to verify the general scope extent, character and schedule for the project.
- b) Conduct site visit(s) after before and after topographic survey is conducted to identify specific areas for survey and to verify field conditions for preliminary layout of improvements.
- c) Update the previous technical memorandum for the South Sunset Sands Distribution Evaluation for use as a project report meeting the requirements of WAC 246-290-110. The report will identify all pertinent design criteria as outlined in the DOH Water System Design Manual. The report will present the final layout and design considerations. The final report will be submitted to DOH for approval. Up to three (3) hard copies of the final project report will be provided.
- d) Assist with completion of easements documents for the pipe route. Processing and recording of the easement documents shall be completed by the Client.
- e) Assist with preparation of SEPA documents for the lake crossing.

During the Design Phase, the Engineer shall prepare final contract documents to show the general scope, extent and character of the work to be furnished and performed by the Client and Contractor(s).

- a) Prepare for review and approval by Client, its legal counsel and other advisors contract agreement forms, general conditions and supplementary conditions, and bid forms, invitations to bid and instructions to bidders, and assist in the preparation of other related documents.
- b) Prepare construction drawings showing water main plan, profile and details. Construction drawings are anticipated to consist of plan and profile sheets and a detail sheet. Plans will be configured to bid the lake crossing work separate from the other water main work.
- c) Design Phase Deliverables include the following:
 - 1. Electronic copies of Draft (90% complete) reports and contract documents for review and comment by Client.

2. Three (3) copies of Final (100% complete) contract documents.
- d) Provide technical criteria, written descriptions and data to the Client for filing applications for permits with or obtaining approvals of such governmental authorities as have jurisdiction to approve the design and/or construction of the project, and assist Client in consultations with appropriate authorities. Final plans and specifications along with the project report will be submitted by Engineer to DOH for review and approval. Plans and specification will be submitted to Pacific County for a General Permit for Construction and Road Right-of-Way Permit.

ADDITIONAL SERVICES OF ENGINEER DURING DESIGN

The Engineer will perform a field topographic survey of the pipe route for preparation of the design drawings. The topographic survey of the lake crossing area will include the use of a boat and an echo sounder.

BID AND CONSTRUCTION PHASE SERVICES

The Engineer's scope of work for these phases of the project is not modified from the original Agreement. The scope of work described in the original Agreement will be applicable to the revised project's bid and construction phases.

SCHEDULE MILESTONES

The revised project timeline is as follows:

Preliminary Route Selection - August 2016

Survey - August 2016

Project Report - October 2016

Begin Easement Acquisition - October 2016

PS&E - December/January 2016

Apply for JARPA January 2017

Bid Advertise & Award Lake Crossing - March 2017

Construction Support - June through August 2017

Close Out - August 2017

BUDGET

The total budget for this Agreement is increased as shown below for completion of the above additional scope of work. All other terms and conditions in the original Agreement remain in full force and effect.

Original Agreement Amount\$45,500.00

Amendment No. 1\$ 6,725.00

The new Total Agreement Amount including Amendment No. 1\$52,225.00

IN WITNESS WHEREOF this Amendment No. 1 is made and executed this _____ day of June, 2016.

For **NORTH BEACH WATER DISTRICT**

For **GIBBS & OLSON, INC.**

By: _____
William Neal, General Manager

By: 
Richard A. Gushman, President

Exhibit B - Estimated Budget

Loomis Lake Crossing
Gibbs and Olson, Inc.
June 9, 2016

Project Tasks	Principal \$189	Engr VI \$159	Engr V \$143	Inspector III \$92	CADD Support \$92	Land Surveyor \$122	2-Man Survey Crew \$162	2-Man Survey w/ Sonar \$250	Admin Assist. \$65	Expenses				Sub- Consultants	Total Cost
										Travel	Repro	Tel	Misc		
Pre-Design Phase															
Field Work/Evaluation															
Preliminary Layout		16													\$2,794
Pre-Design Report/DOH Approval		6													\$1,690
Assist w/ Easement Documents		16							2		\$50				\$2,908
Permitting Assistance (WDFW)		4	-						1		\$100				\$1,126
		16													
Project Report Subtotal	-	58	-	-	16	1	-		3	\$300	\$80	\$0	\$50	\$0	\$8,518
Fee on Expenses and Subconsultants at 10%															\$0
Total Project Report Phase Budget Amount															\$8,518
Design and Bid Phase															
Basic Design Services															
Prepare Drawings		24	-								\$100				\$7,596
Develop Specifications		30	-						1		\$20				\$4,855
Develop Contract Documents		12							1		\$20				\$1,993
Cost Estimates		4	-						2		\$20	\$25			\$636
Project Administration	1	8							4	\$0	\$160	\$25	\$0	\$0	\$1,636
Basic Design Services Subtotal	1	78	-	-	40	-	-								\$16,716
Additional Services															
Design Survey (Coordination)		1					10	8		\$250	\$0	\$0	\$25	\$0	\$5,598
Environmental															\$0
Structural															\$0
Geotechnical															\$0
Additional Services Subtotal	-	1	-	-	-	10	12		-	\$250	\$0	\$0	\$25	\$0	\$5,598
Bid Ad and Award Phase Services															
Issue Bid Documents (electronic)		6							1	\$60	\$60	\$25	\$75		\$1,239
Pre-Bid Conference															\$0
Bid Inquiries/ Addenda		8								\$0	\$200				\$1,272
Bid Opening, Bid Tab, Award & Contracts		10							1	\$60	\$260	\$25	\$75	\$0	\$1,855
Bid Ad and Award Services Subtotal	-	24	-	-	-	-	-		2						\$4,366
Subtotal Design Phase Services	1	103	-	-	40	10	12		6	\$310	\$420	\$50	\$100	\$0	\$26,680
Fee on Subconsultants at 10%															\$0
Total Design and Bid Phase Budget Amount															\$26,680
Construction Phase															
Basic Services During Construction (assumes 3-week construction period for Lake Crossing)															
Project Administration	1	4							-	\$100					\$825
Visits to Site by Engineer/Clarify Reqmnts		12													\$2,008
Resident Project Representative		5													\$0
Shop Drawing Review		1													\$795
Pay Estimate Review		1													\$159
Substantial Completion		12								\$100					\$2,008
Record Drawings		4													\$1,004
Project Closeout		4							1	\$200	\$0	\$0	\$0	\$0	\$701
Basic Construction Services Subtotal	1	42	-	-	4	-	-		1					\$0	\$7,500
Additional Services During Construction															
Construction Surveying Support		-							-					\$0	\$0
Construction Electrical Support (Start-up)		-												\$0	\$0
Construction Environmental Support		-												\$0	\$0
Construction Geotechnical Support		-												\$0	\$0
Materials Testing		-												\$0	\$0
O&M Data Review		-								\$0	\$0	\$0	\$0	\$0	\$0
Additional Services Subtotal	-	-	-	-	-	-	-		-						\$0
Subtotal Construction Phase Services	1	42	0	0	4	0	0		1	\$200	\$0	\$0	\$0	\$0	\$7,500
Total Construction Phase Budget Amount															\$7,500
TOTAL CONTRACT AMOUNT	2	203	-	-	60	11	12		10						\$42,698