

**HIGHLINE WATER DISTRICT  
KING COUNTY, WASHINGTON**

**RESOLUTION 19-2-6C**

**RESOLUTION AUTHORIZING AMENDMENT #4 TO CONTRACT #16-60-09 WITH RH2 ENGINEERING, INC. FOR ADDITIONAL DESIGN AND PERMITTING ASSISTANCE RELATING TO PROJECT 16-2 PUMP STATION NO. 8 (CRESTVIEW)**

**WHEREAS**, Resolution 16-3-2C authorized Contract #16-60-09 with RH2 Engineering, Inc. for Phase 1 - Predesign of Project 16-2 Pump Station No. 8 (Crestview); and

**WHEREAS**, Resolution 17-1-18B authorized Amendment #1 for Phase 2 - Design, Permitting Assistance and Services During Bidding; and

**WHEREAS**, Resolution 17-8-2C authorized Amendment #2 for Architectural Design for Pump Station Exterior; and

**WHEREAS**, Resolution 18-10-17 authorized Amendment #3 for a design change to relocate the backup power generator from an outdoor location to inside the proposed building to improve sound requirements (Tukwila Municipal Code 8.22.110.A.7); and

**WHEREAS**, the District requested RH2 Engineering, Inc. submit a Scope of Work and Fee Estimate proposal for Amendment #4 to cover additional services for the following tasks:

Task 2 - Permitting Assistance for Pump Station No. 8 and Water Main

Additional Services in association with the permitting assistance task including, but not limited to, additional permitting coordination with the City of Tukwila Building Department and additional permitting with City of SeaTac associated with the re-design of the water main realignment.

Task 4 - Pump Station No 8 Design

Additional services in association with the final design phase including, but not limited to: water main realignment; site and storm water conveyance redesign; and overall detailing of the design plans associated with the indoor emergency generator.

**WHEREAS**, the General Manager and District Engineer have reviewed the 01/28/19 Scope of Work and Fee Estimate, submitted by RH2 Engineering, Inc. for the additional design services and recommend approval of this resolution.

**HIGHLINE WATER DISTRICT  
KING COUNTY, WASHINGTON**

**RESOLUTION 19-2-6C**

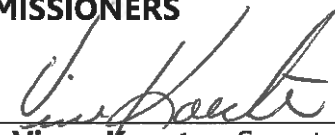
**NOW, THEREFORE, BE IT RESOLVED:**

1. The Board of Commissioners approves Amendment #4 to Contract 16-60-09 with RH2 Engineering, Inc., for a not-to-exceed amount of \$37,000.00 (referenced as Attachment 1 and incorporated herein).
2. The General Manager or Designee is authorized to execute Amendment #4 for additional design and permitting assistance for Project 16-2 Pump Station No. 8.
3. The General Manager and/or the District's legal counsel are authorized to make minor changes to Amendment #4 if required.

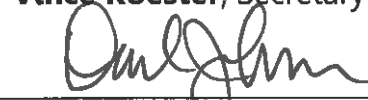
**ADOPTED BY THE BOARD OF COMMISSIONERS** of Highline Water District, King County, Washington, at an open public meeting held on this **6th** day of **February 2019**.

**BOARD OF COMMISSIONERS**

  
\_\_\_\_\_  
**Kathleen Quong-Vermeire, President**

  
\_\_\_\_\_  
**Vince Koester, Secretary**

  
\_\_\_\_\_  
**Todd Fultz, Commissioner**

  
\_\_\_\_\_  
**Daniel Johnson, Commissioner**

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



**AMENDMENT #4**

**CONSULTANT AGREEMENT FOR SERVICES  
RH2 ENGINEERING, INC. – CONTRACT # 16-60-09  
PROJECT 16-2 PUMP STATION NO. 8 (CRESTVIEW)**

RH2 Engineering, Inc. has requested additional compensation (**Exhibit(s) A and B, and C**), attached, and incorporated herein, for the following design services:

<b>Task</b>	<b>Description</b>	<b>Amount</b>
2	Permitting Assistance for Pump Station No. 8 and Water Main	\$ 4,703.00
4	Pump Station No. 8 Design	\$ 32,297.00
Contract Revision Total		\$ 37,000.00
Previous Contract Amount		\$ 546,228.00
<b>Revised Contract Amount</b>		<b>\$ 583,228.00</b>

RH2 Engineering, Inc. will undertake the above-referenced additional work on a time-and-expense basis. The same standard general terms and conditions will apply as agreed to in Contract #16-60-09 dated 3/09/16.

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

**HIGHLINE WATER DISTRICT**

**RH2 ENGINEERING, INC.**

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

By: \_\_\_\_\_  
Richard L. Ballard, PE

Title: General Manager \_\_\_\_\_

Title: Director \_\_\_\_\_

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

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

**EXHIBIT A**  
**Scope of Work**  
**Amendment No. 4**  
**Highline Water District**  
**Pump Station No. 8**  
**Additional Design and Permitting Assistance**  
January 2019

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## **Background**

### Contract Summary to Date:

Original Contract:	\$74,296
Amendment No. 1:	\$397,042
Amendment No. 2:	\$15,000
Amendment No. 3:	\$59,890
This Amendment No. 4:	\$37,000
<b>Revised Contract Amount:</b>	<b>\$583,228</b>

RH2 Engineering, Inc., (RH2) was retained by the Highline Water District (District) to provide professional services for the design and permitting of the Pump Station No. 8 project. Additional effort is required to complete the design due to unforeseen challenges, as well as fully permit the project through various agencies. RH2 initially designed a water main alignment that passed behind a commercial building to connect water from Military Road South to 42<sup>nd</sup> Avenue South. The District's attempts to secure an easement for the proposed water main has faced challenges and the District has now directed RH2 to redesign this water main alignment. This effort requires additional surveying and water main re-design.

### **Task 2 – Permitting Assistance for Pump Station No. 8 and Water Main**

Task 2 is amended to cover additional services in association with the permitting assistance task including, but not limited to, additional permitting coordination with the City of Tukwila Building Department and additional permitting with City of SeaTac associated with the re-design of the water main realignment.

### **Task 4 – Pump Station No. 8 Design**

Task 4 is amended to cover additional services in association with the final design phase including, but not limited to: water main realignment; site and stormwater conveyance redesign; and overall detailing of the design plans associated with the indoor emergency generator.

Coordinate with a land surveyor, review survey for completeness, and convert to RH2 format. *It is assumed that surveying will be subcontracted to Axis Surveying and Mapping, a professional land surveyor (PLS), to provide horizontal and vertical survey control and topographical information, including surface features, underground utilities, roadway and utility alignments, rights-of-way, and property lines.* The extents of the survey include 42<sup>nd</sup> Avenue South from the intersection of Military Road South and South 164<sup>th</sup> Street to approximately 400 feet north of South 164<sup>th</sup> Street.

**EXHIBIT B**

**Highline Water District**

**Pump Station No. 8**

**Amendment No. 4 - Additional Design and Permitting Assistance**

**Fee Estimate**

Description		Total Hours	Total Labor	Total Subconsultant	Total Expense	Total Cost
Classification						
<b>Task 2</b>	<b>Permitting Assistance for Pump Station No. 8 and Water Main</b>	<b>20</b>	<b>\$ 3,594</b>	<b>\$ -</b>	<b>\$ 1,109</b>	<b>\$ 4,703</b>
2.1	Provide Additional Permitting Assistance	20	\$ 3,594	\$ -	\$ 1,109	\$ 4,703
<b>Task 4</b>	<b>Pump Station No. 8 Design</b>	<b>127</b>	<b>\$ 21,959</b>	<b>\$ 6,900</b>	<b>\$ 3,438</b>	<b>\$ 32,297</b>
4.1	Provide Additional Engineering Design Services	127	\$ 21,959	\$ 6,900	\$ 3,438	\$ 32,297
<b>Subtotal Permitting and Design Tasks</b>		<b>147</b>	<b>\$ 25,553</b>	<b>\$ 6,900</b>	<b>\$ 4,547</b>	<b>\$ 37,000</b>
<b>PROJECT TOTAL</b>		<b>147</b>	<b>\$ 25,553</b>	<b>\$ 6,900</b>	<b>\$ 4,547</b>	<b>\$ 37,000</b>

**EXHIBIT C**  
**RH2 ENGINEERING, INC.**  
**2019 SCHEDULE OF RATES AND CHARGES**

<b>RATE LIST</b>	<b>RATE</b>	<b>UNIT</b>
Professional I	\$148	\$/hr
Professional II	\$161	\$/hr
Professional III	\$175	\$/hr
Professional IV	\$185	\$/hr
Professional V	\$200	\$/hr
Professional VI	\$213	\$/hr
Professional VII	\$231	\$/hr
Professional VIII	\$240	\$/hr
Professional IX	\$240	\$/hr
Technician I	\$110	\$/hr
Technician II	\$119	\$/hr
Technician III	\$137	\$/hr
Technician IV	\$146	\$/hr
Administrative I	\$72	\$/hr
Administrative II	\$84	\$/hr
Administrative III	\$101	\$/hr
Administrative IV	\$119	\$/hr
Administrative V	\$137	\$/hr
CAD/GIS System	\$27.50	\$/hr
CAD Plots - Half Size	\$2.50	price per plot
CAD Plots - Full Size	\$10.00	price per plot
CAD Plots - Large	\$25.00	price per plot
Copies (bw) 8.5" X 11"	\$0.09	price per copy
Copies (bw) 8.5" X 14"	\$0.14	price per copy
Copies (bw) 11" X 17"	\$0.20	price per copy
Copies (color) 8.5" X 11"	\$0.90	price per copy
Copies (color) 8.5" X 14"	\$1.20	price per copy
Copies (color) 11" X 17"	\$2.00	price per copy
Technology Charge	2.50%	% of Direct Labor
Mileage	\$0.580	price per mile (or Current IRS Rate)
Subconsultants	15%	Cost +
Outside Services	at cost	

Rates listed are adjusted annually.

**Agenda Item No.:** 5.3  
**Agenda Date:** 02/06/19  
**Reviewed By:** M.E.

**RE:** Authorize Amendment #4 – RH2 Engineering, Inc. - Contract #16-60-09  
Project 16-2 Pump Station No. 8 (Crestview)

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>37,000.00</u>
						Excludes sales tax

**ATTACHMENTS:**

1. Resolution 19-2-6C w/Attachment 1

**COMMENTS:**

At the request of the District, RH2 Engineering, Inc., submitted submit a Scope of Work and Fee Estimate proposal for Amendment #4 to cover additional services for the following tasks:

Task 2 - Permitting Assistance for Pump Station No. 8 and Water Main

Additional Services in association with the permitting assistance task including, but not limited to, additional permitting coordination with the City of Tukwila Building Department and additional permitting with City of SeaTac associated with the re-design of the water main realignment.

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The General Manager and District Engineer have reviewed the 01/28/19 Scope of Work and Fee Estimate and recommend approval of this resolution.