

**HIGHLINE WATER DISTRICT
King County, Washington**

RESOLUTION 21-10-6B

**RESOLUTION AUTHORIZING AMENDMENT NO 8 TO CONTRACT NO. 16-60-09 WITH
RH2 ENGINEERING FOR ADDITIONAL SERVICES DURING CONSTRUCTION
ASSOCIATED WITH PROJECT 16-2 GEORGE LANDON PUMP STATION**

WHEREAS, the District retained the services of RH2 Engineering for design, permitting, bidding, and construction services related to Project 16-2 George Landon Pump Station; and

WHEREAS, the RH2 budget for construction related services estimated a 26-week construction duration; and

WHEREAS, the construction duration was insufficient due to unforeseen and COVID-19 related impacts and required the District to grant the Contractor an extension of 14 weeks to the Project; and

WHEREAS, the RH2 has requested an amendment to their contract to increase the budget to accommodate the extension in time providing the additional services during construction; and

WHEREAS, the General Manager and District Engineer has reviewed the proposed amendment and recommend approval.

NOW, THEREFORE, BE IT RESOLVED:

1. Amendment No.8 (Attachment-1, incorporated herein by this reference) for Contract No. 16-60-09 with RH2 Engineering is approved for a not to exceed amount of \$48,000.00.
2. The General Manager, Legal Counsel or designee is authorized to make minor modifications to the amendment, 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 **October 2021**.

BOARD OF COMMISSIONERS



Todd Fultz, President

DocuSigned by:


Polly Daigle, Secretary

DocuSigned by:


Daniel Johnson, Commissioner



Vince Koester, Commissioner



Kathleen Quong-Vermeire, Commissioner



AMENDMENT #8

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

RH2 Engineering, Inc. has requested an amendment to their contract to increase the budget to accommodate the extension in time providing the additional services during construction as referenced in Exhibit(s) A, B, C, attached and incorporated herein.

The revised contract is as follows:

Previous Contract Amount	\$ 1,116,102.00
Total Revisions	\$ 48,000.00
Revised Contract Amount	\$ 1,164,102.00

RH2 Engineering, Inc. will complete the above-referenced 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. 8
Highline Water District
George Landon Pump Station (Pump Station No. 8)
Additional Services During Construction
September 2021

Background

Contract Summary to Date:

Original Contract:	\$74,296
Amendment No. 1:	\$397,042
Amendment No. 2:	\$15,000
Amendment No. 3:	\$59,890
Amendment No. 4:	\$37,000
Amendment No. 5:	\$234,474
Amendment No. 6:	\$268,400
Amendment No. 7:	\$30,000
This Amendment No. 8:	\$48,000
Revised Contract Amount:	\$1,164,102

RH2 Engineering, Inc., (RH2) was retained by the Highline Water District (District) to provide professional services for the preliminary design, final design, permitting, bidding, and construction services for the George Landon Pump Station (PS8) and new Mansion Hill Pump Station No. 9 (PS9) project. As part of the Change Order No. 3 for PS8, executed on August 25, 2021, the contractor requested an additional 100 contract calendar days, which translates to approximately fourteen (14) weeks beyond the originally anticipated completion date. Therefore, RH2 is providing this proposal for additional services during construction (SDC) beyond the SDC tasks outlined in Contract Amendment No. 6, which was executed on April 30, 2020. The following Scope of Work details the approach that RH2 will use to assist the District with additional tasks that have arisen since the initial discussion of PS8 SDC efforts. SDC tasks related to PS9 construction have been handled under a separate contract.

Project Assumptions

The following is a list of assumptions used in preparing this Scope of Work:

- 1. Previous assumptions regarding construction duration in the Contract Specifications and in Amendment No. 6 were insufficient due to unforeseen and COVID-19-related impacts. This*

Amendment No. 8 will cover the 14 additional weeks of construction that has been granted to the contractor as part of Change Order No. 3, with the final completion anticipated in late October 2021.

2. *RH2 is not responsible for site safety, for determining means and methods, or for directing the contractor in their work.*
3. *RH2 will perform the services described up to the amounts included in the attached Fee Estimate. If additional effort is needed, that extra work will be mutually determined by the District and RH2.*
4. *There has been no change to notifying the contractor and the District of any work that has been observed to not have been completed in accordance with the plans and specifications and discuss rectification.*

Task 14 – George Landon Pump Station (PS8) Services During Construction

Task 14.1 thru 14.5 – (No Changes)

Task 14.6 – Additional Services During Construction (New Scope and Fee)

Objective: This task includes the required construction review, support, coordination, and on-site observation of project activities throughout the extended duration of construction.

Approach:

14.6.1 Provide continued construction support for an additional 14 weeks, including, but not limited to, the following services:

- Review and Respond to Shop Drawings, Catalog Submittals, and Requests for Information (RFIs).
- Review Change Orders and Pay Requests and provide responses and/or recommendations to District.
- Provide Construction Coordination with Contractor, Utility Providers, Permitting Agencies, and the District.
- Attend Construction Progress Meetings.
- Provide On-Site Construction Observation and Records.

Provided by District:

- Attendance at the construction progress meetings.
- Processing of pay requests.

RH2 Deliverables:

- Written responses for shop drawings and submittals, RFIs, and change orders in electronic format (PDF).

**Highline Water District
George Landon Pump Station (Pump Station No. 8)
Additional Services During Construction**

**Amendment No. 8
Exhibit A
Scope of Work**

- Attendance at and meeting minutes for construction progress meetings in electronic format (PDF).
- Periodic on-site construction observation.
- Written responses/recommendation to pay requests in electronic format (PDF).
- Progress reports and contract time remaining statements and weekly statements of calendar days in electronic format (PDF).

Task 15 – Project Management/Earned Value Analysis (No Change)

EXHIBIT B

Fee Estimate

Highline Water District

George Landon Pump Station (Pump Station No. 8)

Additional Services During Construction

Sep-21

Description	Total Hours	Total Labor	Total Expense	Total Cost
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Task 14: George Landon Pump Station Services During Construction

Task 14.6	Additional Services During Construction (New Scope and Fee)	252	\$ 46,350	\$ 1,650	\$ 48,000
14.6.1	Provide continued construction support	252	\$ 46,350	\$ 1,650	\$ 48,000

PROJECT TOTAL	252	\$ 46,350	\$ 1,650	\$ 48,000
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EXHIBIT C
RH2 ENGINEERING, INC.
2021 SCHEDULE OF RATES AND CHARGES

RATE LIST	RATE	UNIT
Professional I	\$145	\$/hr
Professional II	\$161	\$/hr
Professional III	\$174	\$/hr
Professional IV	\$190	\$/hr
Professional V	\$205	\$/hr
Professional VI	\$217	\$/hr
Professional VII	\$233	\$/hr
Professional VIII	\$244	\$/hr
Professional IX	\$244	\$/hr
Control Specialist I	\$133	\$/hr
Control Specialist II	\$145	\$/hr
Control Specialist III	\$159	\$/hr
Control Specialist IV	\$172	\$/hr
Control Specialist V	\$184	\$/hr
Control Specialist VI	\$198	\$/hr
Control Specialist VII	\$211	\$/hr
Control Specialist VIII	\$221	\$/hr
Technician I	\$111	\$/hr
Technician II	\$121	\$/hr
Technician III	\$138	\$/hr
Technician IV	\$148	\$/hr
Technician V	\$162	\$/hr
Technician VI	\$178	\$/hr
Technician VII	\$193	\$/hr
Technician VIII	\$203	\$/hr
Administrative I	\$72	\$/hr
Administrative II	\$86	\$/hr
Administrative III	\$102	\$/hr
Administrative IV	\$121	\$/hr
Administrative V	\$139	\$/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	\$0.560	price per mile (or Current IRS Rate)
Subconsultants	15%	Cost +
Outside Services	at cost	

Rates listed are adjusted annually.

Agenda Item No.: 5.2
 Agenda Date: 10/06/21
 Reviewed By: M.E.

RE: Authorize Amendment No. 8 – RH2 Engineering, Inc. - Contract #16-60-09
Project 16-2 George Landon Pump Station No. 8

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>48,000.00</u>	
<small>Excludes sales tax</small>			

ATTACHMENTS:

1. Resolution 21-10-6B
2. Attachment-1: Amendment No. 8 with Exhibits A, B, C

COMMENTS:

The construction duration was insufficient due to unforeseen and COVID-19 related impacts and required the District to grant the Contractor an extension of 14 weeks to the Project.

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The General Manager and District Engineer has reviewed the proposed amendment and recommend approval.