



Amendment to Prime Agreement

Amendment No.:	01
Project Name:	Wind River Business Park Well VFD Conversion
Grayling Project No.:	2220A
Owner:	Port of Skamania County
Exhibit A1:	Amendment No. 1 Scope of Work
Exhibit B1:	Amendment No. 1 Fee Estimate
Prior Amount Payable Per Agreement:	\$19,783
Amended Amount:	\$10,410
Total Amount Payable Per Agreement:	\$30,193

The general provisions and clauses of the original agreement shall be in full force and effect for this amendment. Attachments are supplemental to the original agreement.

Name:	Kyle Thompson, PE	Signed:	DocuSigned by: <i>Kyle Thompson</i>
Title:	Principal Engineer / Owner	Date:	BC77DF783C8647B... 9/1/2023
Company:	Grayling Engineers, PLLC		

Name:	Pat Albaugh	Signed:	DocuSigned by: <i>Pat Albaugh</i>
Title:	Executive Director, Port of Skamania	Date:	E3DBB68F2954427... 9/5/2023



654 Officers Row, Vancouver, WA 98661
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EXHIBIT A1 - AMENDMENT 01 SCOPE OF WORK

PORT OF SKAMANIA COUNTY WIND RIVER BUSINESS PARK WELL VFD CONVERSION AUGUST 2023

Proposed Scope of Work

Grayling Engineers (Grayling) has developed the following scope of work for the Port of Skamania County (Port) to provide professional services to reactivate the water system at the Wind River Business Park (WRBP) in Skamania County, Washington. The water system was made inactive after the well experienced issues with declining water levels. Grayling assisted Columbia Technical with drawdown testing in 2020 to determine the sustainable yield for the well. From that work, recommendations were made to make operation of the water system more reliable. The preferred alternative selected by the Port was to convert the existing 30 horsepower submersible well pump from being controlled by an across-the-line starter to a Variable Frequency Drive (VFD). The goal of the project is to 1) provide a Project Report (PR) to reactivate the well and 2) provide construction documents for installing a VFD.

The scope of work described in this document is for providing additional design services to address commissioning of the new VFD, as requested by the Port.

Rather than create new tasks, existing numbered tasks are supplemented as described below. Existing tasks that are not listed remain unchanged from the original agreement. All assumptions and deliverables identified in the original scope of work remain unchanged, except as supplemented below.

Task 1 – Project Management

Subtask 1.2 - Design Administration

Additional effort for coordination with the Port, County, and DOH to complete the project.

Task 2 – Design

Subtask 2.2 - Project Report

Additional effort to respond to DOH requests for information including correspondence with the Skamania County fire marshal.

Subtask 2.3 - VFD Commissioning

Grayling will coordinate installation and commissioning of the VFD between Skamania County and the electrical engineer, R&W. R&W needs to upload and test the new programming which will require a site visit.

Task 3 – Subconsultant Services

Subtask 3.1 - Electrical Engineering

Additional effort to assist with programming and commissioning of the VFD.

Exclusions

- Services and deliverables not defined herein.

Estimated Fee

The total estimated fee based on the scope of work described herein is **\$10,410**. Work will be invoiced monthly on a time and materials basis, not to exceed the agreed upon total without prior approval from the client. Please refer to **Exhibit B1** for a detailed breakdown of the estimated fee by task.

Schedule

Professional engineering services are assumed to begin in September of 2023 and be substantially completed by January 31, 2023.



**EXHIBIT B1 - AMENDMENT 01 FEE ESTIMATE
PORT OF SKAMANIA COUNTY
WRBP WELL VFD CONVERSION
AUGUST 2023**

Task	Description	Senior Engineer	PM / CM	Design Engineer III	Design Engineer II	Design Engineer I	CAD / GIS Technician	Admin	Total Hours	Labor Cost	Expenses		Subconsultants		Total
		\$220	\$185	\$185	\$165	\$145	\$125	\$110	0	\$	Mileage	Printing	R&W	\$	
1	Project Management														
1.1	Kick-off Meeting	8	0	0	0	0	0	0	0	\$ 1,760	\$ -	\$ -	\$ -	\$ -	\$ 1,760
1.2	Design Administration	8								\$ 1,760					\$ 1,760
2	Design	24	0	0	0	0	0	0	24	\$ 5,280	\$ 70	\$ -	\$ -	\$ -	\$ 5,350
2.1	Data Collection								0	\$ -					\$ -
2.2	Project Report	12							12	\$ 2,640					\$ 2,640
2.3	VFD Commissioning	12							12	\$ 2,640	\$ 70				\$ 2,710
3	Subconsultant Services	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ 3,300	\$ 3,300
3.1	Electrical Engineering								0	\$ -				\$ 3,300	\$ 3,300
	Total	32	0	0	0	0	0	0	24	\$ 7,040	\$ 70	\$ -	\$ -	\$ 3,300	\$ 10,410