

# AMENDMENT No. 5 to CONTRACT No. 30006910 FOR

# Marx & 105<sup>th</sup> Pump Station Upgrade

This Amendment No. 5 amends Contract No. 30006910 dated 3rd day of June, 2019, by and between Consor North America, Inc., ("Consultant") a domestic business corporation of the State of Oregon, and the City of Portland, a municipal corporation of the State of Oregon ("City") by and through their duly authorized representatives. This Amendment may refer to Consultant and City individually as a "Party" or collectively as the "Parties."

This Amendment is authorized by City Ordinance No. \_\_\_\_\_.

The Effective Date of this Amendment is \_\_\_\_\_\_. The purpose of this Amendment is to extend the Term, add funds to the Contract, revise the Scope of Work, revise the PROJECT SCHEDULE, revise the SUBCONSULTANTS section, revise the task breakdown of the "not to exceed" amount, revise the COMPENSATION section and revise the Hourly Rates.

The Contract was previously amended as follows:

Amendment 1, dated August 3, 2020, which extended the Term from June 30, 2022 to October 31, 2022, increased the original not-to-exceed amount of the Contract from \$775,774 by \$62,631 to a new total not-to-exceed amount of \$838,405, revised the Scope of Work, revised the PROJECT SCHEDULE, revised the SUBCONSULTANTS section, revised the Hourly Rates, add the task breakdown of the "not to exceed" amount to the Contract.

Amendment 2, dated January 1, 2021, which changed the Project Manager from Jeff Maag to Sundeep Kaur and revised the Hourly Rates.

Amendment 3, dated March 1, 2022, which changed the City's Project Manager from Sundeep Kaur to Lisa Moscinski, extended the Term from October 31, 2022, to March 1, 2025, increased the Contract not-to-exceed amount of \$838,405 by \$71,243 to a new total not-to-exceed amount of \$909,648, revised the Scope of Work, revised the PROJECT SCHEDULE, revised the SUBCONSULTANTS section, revised the task breakdown of the "not to exceed" amount in the Contract and revised the HOURLY RATES. Amendment 4, dated October 3, 2022, which changed the Consultant's name from Murraysmith, Inc. to Consor North America, Inc.

The Parties agree to Amend the Contract as follows:

- 1. The Term is extended from March 1, 2025, to **June 30, 2027**, unless terminated sooner under the provisions of the Contract.
- 2. The Contract not-to-exceed amount of \$909,648 is increased by \$458,676 to a new total not-to-exceed amount of **\$1,368,324**.
- 3. The Scope of Work is revised as shown below. New language is **BOLD** and **underlined**. Deleted language is indicated in text strikethrough. Where there is no BOLD and underline or text strikethrough, language shall remain the same.

# OVERVIEW OF REVISED PROJECT SCOPE

The purpose of Amendment 5 is to revise the scope of services to:

- 1) Update a portion of the Pre-Design Task 2 for the new pump station location at 5635 NE 105<sup>th</sup> Ave.
- 2) Update Design Task 3 for the new pump station location at 5635 NE 105<sup>th</sup> Ave.
- 3) Design sewer realignment to divert flows to new pump station location at 5635 NE 105th Ave and force main extension to connect to the existing force main at the current pump station location.

#### Task 1 – Project Management

• <u>Additional project management time for the extension of the contract time</u> and to oversee the additional work outlined in the Tasks listed below.

**Assumptions:** 

• <u>Project duration is extended; therefore, it is assumed that there will be</u> additional progress payments/status reports.

## Task 2 - Preliminary Design Phase Services

<u>Previously submitted Technical Memos (TM) need to be revised to reflect</u> <u>considerations for the new location. In addition, TMs, 30% final package and</u> <u>basis of design report are required to be updated with the new proposed pump</u> <u>station location at 5635 NE 105<sup>th</sup> Ave. This will require updates on a portion of the</u> <u>pre-design tasks as outlined below.</u>

- 2.2 Coordinate Survey and Prepare Base Mapping
  - <u>Review topographic mapping provided by Owner for completeness of project and data needed for design development. Accuracy of underground utility locations and coordination with utilities will be completed by the Owner.</u>
- 2.3 Geotechnical and Structural Analysis and Recommendations
  - Update TM #1 "Geotechnical and Structural Design Criteria and Recommendations for Pump Station Improvements" for building foundation recommendations to meet building code requirements based on new data provided by the Owner at the new location.
- 2.4 Code Compliance Review
  - <u>Update TM #2 "Zoning Design Standards, Variances, and Anticipated</u> <u>Timeline for Approval" to provide land use compliance requirements for</u> <u>the new property.</u>
- 2.7 Stormwater Feasibility Evaluation
  - <u>Update TM #5 "Stormwater Feasibility Evaluation" to summarize</u> stormwater management requirements for the new property and site layout.
- 2.8 Preliminary Pump Selection and Electrical Design
  - <u>Develop new system curve and pump selection to confirm power loads;</u> <u>coordinate new power service with PGE for the new property, electrical</u> <u>layout site and building plan; update TM #6 – "Electrical Design Criteria" to</u> <u>document findings and recommendations.</u>
- 2.11 Prepare Alternative Site Plans
  - <u>Develop conceptual Site Plan at 5635 NE 105<sup>th</sup> Ave. Locate structures,</u> identify development standard offsets, landscaping and screening requirements, and identify vehicle access turning movements. Meet with <u>BES staff to discuss and get input. Prepare updated site plan for use with</u> <u>Early Assistance meeting with Bureau of Development Services (BDS).</u>
- 2.12 Prepare 30% Design Submittal
  - <u>Update TM #8 "Basis of Design" and 30% Design Submittal for pump</u> <u>station relocation at 5635 NE 105<sup>th</sup> Ave.</u>

- Update 30% Design Drawings
- Update 30% Cost Estimate

Task 2 - Preliminary Design Phase Deliverables

- Draft and Final Conceptual Site Plans
- <u>Revised TM's #1, #2, #5, #6, #8</u>
- <u>Revised 30% Design drawings</u>
- <u>Revised 30% Design Cost Estimate</u>

## Assumptions

- 12. <u>City will complete additional topographic and property survey of new</u> property and right of way between existing and new pump station. This includes the gravity sewer inverts that extend north along NE 105<sup>th</sup> Avenue toward the slough.
- 13. <u>City will provide updated Geotechnical Investigations Report and Level I</u> and II Environmental Assessments for property at 5635 NE 105<sup>th</sup> Avenue.
- 14. 30% cost estimate will be a Class 5 estimate with an expected accuracy range of -20% to +50%.

#### Task 3 – Design Phase Services

- 3.2 Prepare 60% Design Plan, Specification, and Estimate (PS&E) Submittal
  - <u>Update 60% Design Plans, Specifications, and Estimate Submittal for pump</u> station relocation at 5635 NE 105<sup>th</sup> Avenue.
  - <u>Revised 60% design plans for new location and layout.</u>
  - <u>Develop Plan and Profile sheets for realigned gravity sewer and new force</u> <u>main extension (2 sheets)</u>
- 3.3 Prepare Land Use Application Package
  - Attend a new Early Assistance meeting with BDS for the new location.
- 3.4 Prepare 90% Design PS&E Submittal
  - <u>Develop Plan and Profile sheets and technical specifications for the</u> realigned gravity sewer and force main extension.
- 3.6 Prepare Final Bid Documents
  - <u>Develop Plan and Profile sheets and technical specifications for the</u> realigned gravity sewer and force main extension.

Task 3 Design Phase Deliverables

- <u>Updated 60% design Plans, Specifications, and Estimate for the relocated</u> <u>pump station. The drawings originally assumed under the original contract</u> <u>are still valid.</u>
- <u>Two additional Plan and Profile sheets for the gravity sewer and force main extension.</u>
- Final design documents must be in compliance with the BES Wastewater Pump Station Design Manual (July 2023), BES CAD standards (https://www.portland.gov/bes/improvements/bes-autocad), 2020 City of Portland Standard Specifications, and the latest version of the Treatment and Pumping Station Design Guidelines.
- <u>Final design documents must be in compliance with the BES Wastewater Pump</u> <u>Station Design Manual V6, BES CAD standards, 2010 City of Portland Standard</u> <u>Specifications, and Electrical and Integration Design Guidelines;</u>

## Assumptions

- Existing buildings and materials on the property will be removed prior to starting construction. Building demolition, material removal, and site cleanup plans and specifications are not included.
- <u>60% cost estimate will be a Class 4 estimate with an expected accuracy</u> range of -20% to +30%.
- <u>90% cost estimate will be a Class 3 estimate with an expected accuracy</u> range of -10% to +20%.
- 4. The PROJECT SCHEDULE is revised as shown in the table below:

Project Milestone	Expected Date
Notice to Proceed	June 2019
Survey and Geotech Data Received	March 2024
Predesign Phase Complete	September 2024
Land Use Review Period	March - July 2025
Design Phase Complete	October 2025
Land Acquisition Period	Completed in 2023
Bid Phase Period	November 2025 - January 2026
Construction Phase Period	April 2026 – June 2027
Project Close Out	June 2027

NAME	DMWESB CERTIFICATION TYPE	ROLE ON PROJECT	CURRENT SUBCONTRACT AMOUNT	AMENDMENT 5	REVISED SUBCONTRACT AMOUNT
AKANA	MBE/DBE	Structural Engineering	\$52,100	\$24,664	\$76,764
Rhino One LLC	MBE/DBE	Geotechnical Engineering	\$23,068	\$15,760	\$38,828
Elcon Associates Inc	MBE	Electrical Engineering	\$156,153	\$81,500	\$237,653
Winterbrook Planning	ESB	Land Use Planning	\$64,569	\$32,081	\$96,650
Juncus Studio LLC	ESB	Landscape Architect	\$67,810	\$31,229	\$99,039

5. The SUBCONSULTANTS section is revised as shown in the table below:

The revised subcontracting amounts to D/M/W/ESB forms on this contract is estimated at **\$548,934 or 40.12%** of the Contract amount.

6. The task breakdown of the "not to exceed" amount is revised as shown in the table below and Exhibit 1, Exhibit 2 and Exhibit 3 are attached as reference. The necessity for Optional Tasks will be determined by the City. No work or charges may proceed on Optional Tasks without written authorization from the City's Project Manager.

Task No.	Description	Revised NTE Task Amount
	Base Services:	
1	Project Management	\$142,714
2	Preliminary Design Phase Services	\$360,055
3	Design Phase Services	\$628,608
4	Bid Phase Services	\$34,835
5	Construction Phase Services	\$178,414
	Optional Tasks:	
6	Supplemental Services	\$23,698
	Contract Total Not to Exceed Amount:	\$1,368,324

The "not to exceed" (NTE) amount is increased using an escalation factor to bring the 2018 costs used to establish the NTE in the June 2019 contract up to current costs, due to unprecedented inflation and owner driven delays in the schedule. The original schedule assumed a design completion date in September 2020. It is now expected to be complete in May 2024 with 75% of the design-related work remaining to be complete. To date there have been four amendments which added scope, increased the NTE, and extended the Term. While the project did progress through pre-design there were delays due to owner driven scope changes that were addressed in Amendment No. 1 and owner staff changes. Design was placed on hold by owner August 2021 to work out permitting and easement acquisition issues. The escalation factor used to bring the 2019 costs up to current costs uses a 4.7% annual average increase and is based on the original completion date of tasks.

Amendment No. 5 includes new scope and fee outlined in fee estimate available in the exhibits.

7. The following language is added to the Contract within the COMPENSATION section.

# Discretionary Adjustment of Labor Rates Due to Inflation

Annual adjustment of hourly rates will be considered upon written request from the Consultant. Approval of a request for rate increases is solely within the City's discretion and under no circumstances is the City obligated to approve such a request.

Rate increases are subject to the following limitations:

- No increases will be granted before the one-year anniversary of the Contract;
- No more than one increase shall be granted per Contract year;
- Rate increases may not exceed the preceding calendar year's Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) for the West Region Class Size A average inflation rate (as determined from the US Department of Labor statistics);
- Rate increases shall not be retroactive.

Other than as stated above, hourly rates may not be increased.

8. The Hourly Rates are deleted in its entirety and replaced with the table below and are effective February 1, 2024.

Consor North America, Inc.		
Labor Category	Current Maximum Hourly Billing Rate	Revised Maximum Hourly Billing Rate
Principal Engineer VI	\$281.88	\$353.00
Principal Engineer V	\$281.88	\$330.00
Principal Engineer IV	\$281.88	\$312.00
Principal Engineer III	\$281.88	\$293.00
Principal Engineer II	\$263.43	\$277.00
Principal Engineer I	\$239.85	\$264.00
Professional Engineer IX	\$229.60	\$252.00
Professional Engineer VIII	\$221.40	\$240.00
Professional Engineer VII	\$216.28	\$227.00
Professional Engineer VI	\$198.85	\$216.00
Professional Engineer V	\$180.40	\$204.00
Professional Engineer IV	\$171.18	\$192.00

		•						
Senior Architect*	-	\$195.00						
Project Manager*	-	\$190.00						
Principal*	-	\$400.00						
Labor Category	Current Maximum Hourly Billing Rate	Revised Maximum Hourly Billing Rate						
Akana								
Accountant	\$83.03	\$85.00						
Drafter	\$88.15	\$90.35						
CADD Operator	\$96.35	\$98.76						
Technician	\$116.85	\$119.77						
Designer	\$132.23	\$135.53						
Senior Designer	\$136.33	\$139.73						
Engineer	\$142.48	\$146.04						
Senior Engineer	\$155.80	\$159.70						
Project Manager	\$176.30	\$180.71						
Principal	\$243.95	\$250.05						
Labor Category	Current Maximum Hourly Billing Rate	Revised Maximum Hourly Billing Rate						
Elcon Associates, Inc.	Current	Deviced						
New Labor Classification*								
Project Coordinator I*	-	\$132.00						
Project Coordinator II*	-	\$144.00						
Project Coordinator III*	-	\$160.00						
Project Coordinator IV*	-	\$176.00						
Administrative I	\$77.90	\$104.00						
Administrative II	\$114.80	\$118.00						
Administrative III	\$153.75	\$128.00						
Technician I	\$92.25	\$122.00						
Technician II	\$114.80	\$144.00						
Technician III	\$137.35	\$166.00						
Technician IV	\$149.65	\$185.00						
Engineering Designer I	\$119.93	\$158.00						
Engineering Designer II	\$126.08	\$171.00						
Engineering Designer III	\$132.23	\$186.00						
Engineering Designer IV	\$139.40	\$192.00						
Engineering Designer V	\$145.55	\$195.00						
Engineering Designer VI	\$152.73	\$208.00						
Engineering Designer VII	\$157.85	\$219.00						
Engineering Designer VIII *	-	\$229.00						
Professional Engineer II	\$216.28	\$227.00						
Duafassianal Engineer II								

Senior Structural Engineer	\$210.13	\$220.00
Structural Engineer	\$148.63	\$165.00
Architectural Designer*	-	\$132.44
Technical Editor*	-	\$145.00
BIM Manager*	-	\$155.00
Project Coordinator*	-	\$130.00
Structural CAD Operator CAD**	\$103.53	\$120.00
New Labor Classification* Revised Labor Classification**	,	
Juncus Studio, LLC.		
Labor Catagony	Current	Revised
Labor Category	Maximum Hourly Billing Rate	Maximum Hourly Billing Rate
Principal	\$137.35	\$237.80
Senior Landscape Architect	\$148.63	\$148.63
Landscape Architect*	-	\$120.95
Landscape Designer 2	\$91.23	\$111.21
Landscape Designer 1	\$80.98	\$93.50
New Labor Classification*		
Rhino One, LLC.		
Labor Category	Current Maximum Hourly Billing Rate	Revised Maximum Hourly Billing Rate
Senior Engineer Principal Geotechnical Engineer**	\$176.30	\$235.63
Staff Engineer Project Geotechnical Engineer**	\$105.58	\$137.75
Staff Geologist Staff Geotechnical Engineer**	\$100.45	\$113.10
Engineering Geologist*	-	\$126.67
CAD Operator CAD/GIS Operator**	\$83.03	\$114.61
Project Administrator	\$79.95	\$95.00
New Labor Classification* Revised Labor Classification**		
Winterbrook Planning		
Labor Category	Current Maximum Hourly Billing Rate	Revised Maximum Hourly Billing Rate
Labor Category Principal		
	Maximum Hourly Billing Rate	Maximum Hourly Billing Rate
Principal	Maximum Hourly Billing Rate \$191.68	Maximum Hourly Billing Rate \$235.00

All other terms and conditions of the Contract remain unchanged by this Amendment and in full force and effect.

This Amendment may be signed in two (2) or more counterparts, each of which shall be deemed an original, and which, when taken together, shall constitute one and the same instrument. The Parties agree that they may execute this Amendment by electronic means, including the use of electronic signatures.

IN WITNESS WHEREOF, the Parties hereby cause this Amendment to be executed.

# CONSOR NORTH AMERICA, INC.

Authorized	d Signature	Date
Printed Na	ame and Title	
Address:		
Phone:		

Prepared by Janie Garcilazo

Sent to Consor North America, Inc., via email

Contract Number: 30006910

# Contract Title: Marx & 105<sup>th</sup> Pump Station Upgrade

# CITY OF PORTLAND SIGNATURES

By:	Chief Procurement Officer	Date:
Approv	ved:	
By:	Office of City Auditor	Date:
Approv	ved as to Form:	
Ву:	Office of City Attorney	Date:

#### MARX AND 105TH PUMP STATION IMPROVEMENTS CITY OF PORTLAND BES PROPOSED FEE ESTIMATE

					LABOR CLASSI	ICATION (HOURS)														
														Subcons	sultants Direct, N	o Mark Up				
	Principal Engineer IV	Principal Engineer III	Professional Engineer VIII	Professional Engineer V	Engineering Designer III	Engineering Designer II	Engineering Designer VII	Project Coordinator I	Project Coordinato IV	r Administrative II	Hours	Labor	Structural AKANA	E&IC Elcon	Geotech Rhino One	Land Use Winterbrook	Landscape Juncus	Subconsultant Total with Markup	Expenses	Total
Average Billing Rate Estimated per Classification/Staff	\$291	\$258	\$215	\$167	\$124	\$109	\$169	\$93	\$156	\$109				Elcon	Killio Ole	Winterbrook	Juncus			
Staff Name	CarrMic	CraftsAda	KreipeEdw	UhaczKel	CrowFre	ColesJac	EstepMat	SteinbergMor	RitzEri	EricksonNat										
Task 1 - Project Management and Coordination																				
Task 1.1 - Preliminary Design Phase Project Management		64							25	25	114	\$ 23,130	)	\$ 19,182	2			\$ 20,141	\$ -	\$ 43,27
Task 1.2 - Design Phase Project Management		40							4	4	48	\$ 11,374	1					\$ -	\$ -	\$ 11,37
Task 1 Subtotal	0	104	0	0	0	0	0	0	29	29	162	\$ 34,504		\$ 19,182	2 \$ -	\$ -	\$-	\$ 20,141	\$ -	\$ 54,64
Task 2 - Predesign Phase Services						15					10	Á 5.70	-					<u>,</u>	<u>,</u>	Á 5.30
Task 2.2 - Coordinate Survey and Prepare Base Mapping						16	24				40	\$ 5,796						> -	> -	\$ 5,79
Geotechnical and Structural Analysis and <b>Task 2.3</b> - Recommendations			24		8						32	\$ 6,140			\$ 14,602			Ś 15.332	ć	\$ 21,47
Task 2.3 - Recommendations Task 2.4 - Code Compliance Review			8		16						24	\$ 6,140			\$ 14,602	\$ 12,040	\$ 2.370	1	\$ -	\$ 21,47 \$ 18.82
Task 2.4 - Code Compliance Review Task 2.7 - Stormwater Feasibility Evaluation			8	40	16	16	8				24 76	\$ 3,696				\$ 12,040	\$ 2,370	\$ 15,131	\$ -	\$ 18,82 \$ 11,63
Task 2.7 - Stormwater reasibility Evaluation Task 2.8 - Electrical Design and Space Planning			8	40	16	8	16				48	\$ 7,270		Ś 13.900	<u></u>			\$ 14,595	> -	\$ 11,65 \$ 21.86
Task 2.11 - Prepare Revised Site Plan		8	24	24	24	32	40				48	\$ 7,270		\$ 15,900	)		\$ 4,020			\$ 21,86
Task 2.12 - Update 30% Design Submittal		8	40	16	32	32	16	12			152	\$ 24,586		Ś 18.348	2		\$ 4,310			1
Task 2.12 - Opdate 50% Design Submittan	0	16	108	80	104	104	104	12	0	0	528	\$ 83.567				\$ 12.040				
	-		100								010	¢	¥ 10,001	¥ 01/1 10	· • • • • • • • •	<b>• • • • • • • • • •</b>	¥ _0,.00	÷	÷	+ 10,01
Task 3 - Design Phase Services																				
Task 3.2 - Update 60% Design PS&E Submittal	8		24	16	48	40	60				196	\$ 30,583						\$-	\$ 35	1
Task 3.3 - Update Land Use Application and EA Meeting			16				16				32	\$ 6,137				\$ 12,520		\$ 13,146	\$ 35	1
Task 3.4 - Prepare 90% Design PS&E Submittal	8		16		24	40	40				128	\$ 19,839						\$ -	\$ -	\$ 19,83
Task 3.6 - Prepare Final Bid Documents	8		16		24	24	16				88	\$ 14,042						\$ -	\$ -	\$ 14,04
Task 3 Subtotal	24	0	72	16	96	104	132	0	0	0	444	\$ 70,602	2 \$ -	\$ ·	- \$ -	\$ 12,520	\$ -	\$ 13,146	\$ 70	\$ 83,81
Task 4 - Bid Phase Services																				
Task 4.1 - Respond to Bidder Inquiries											0	\$	-				\$ 825	1		\$ 86
Task 4.2 - Attend Pre-bid Meeting											0	\$	-				\$ 645	\$ 677	\$-	\$ 67
Task 4.3 - Prepare Addenda											0	\$	-					\$ -	\$ -	\$
Task 4.4 - Prepare Conformed Contract Documents											0	\$	-				\$ 1,185	1 /		\$ 1,24
Task 4 Subtotal	0	0	0	0	0	0	0	0	0	0	0	\$	- \$ -	\$ ·	- \$ -	\$-	\$ 2,655	\$ 2,788	\$-	\$ 2,78
Task 5 - Construction Phase Services																				
Task 5.1 - Preconstruction Conference											0	\$	-				\$ 645	\$ 677	\$ -	\$ 67
Task 5.2 - Submittal Review											0	\$	-				\$ 2,370			\$ 2,48
Task 5.3 - Construction Engineering											0	\$	-				\$ 4,020	1 /		\$ 4,22
Task 5 Subtotal	0	0	0	0	0	0	0	0	0	0	0	\$	\$ -	\$.	\$ -	\$ -	\$ 7,035	\$ 7,387	\$-	\$ 7,38
		100															4 00 000	4		
TOTAL - ALL TASKS	24	120	180	96	200	208	236	12	29	29	1134	\$ 188,673	\$ 15,561	\$ 51,430	<sup>14,602</sup> ۽ ا	\$ 24,560	\$ 20,390	\$ 132,870	\$ 105	\$ 321,64

# Marx and 105th Pump Station City of Portland BES Exhibit 2 - Budget Escalation

			Original	Ave. Annual Rate	FY24	FY25		FY26	FY27	Pro	jected Fee	Es	l thru 2027 scalation Amount	% Increase
Baseline Budget Escalation to 2023	Bud	get Amount	Completion	4.7%	104.7%	109.6%		114.8%	120.2%					
Task 100 Project Management	0					% of Wor	rk Co	mpleted						
2019 Budget Remaining	\$	24,615	8/1/2022		30%	40%		20%	10%					
Escalation Term (yrs)		1.0			\$ 8,095	\$ 11,301	\$	5,916	\$ 3,097	\$	28,408	\$	3,793	15%
2023 Escalated Budget	\$	25,772												
Task 300 Design Phase														
2019 Budget Remaining	\$	372,393	9/1/2020		30%	70%								
Escalation Term (yrs)		3.0			\$ 134,249	\$ 327,969	\$	-	\$ -	\$	462,218	\$	89,825	24%
2023 Escalated Budget	\$	427,407												
Task 400 Bid Phase														
2019 Budget Remaining	\$	25,471	3/1/2021			100%								
Escalation Term (yrs)		3.0			\$ -	\$ 32,047	\$	-	\$ -	\$	32,047	\$	6,576	26%
2023 Escalated Budget	\$	29,234												
Task 500 Construction Phase														
2019 Budget Remaining	\$	139,056	8/1/2022					50%	50%					
Escalation Term (yrs)		1.0			\$ -	\$ -	\$	83,550	\$ 87,477	\$	171,027	\$	31,971	23%
2023 Escalated Budget	\$	145,592												
Task 600 Frontage Improvements														
2019 Budget Remaining	\$	18,835	8/1/2022			100%		0%						
Escalation Term (yrs)		3.0			\$ -	\$ 23,698	\$	-	\$ -	\$	23,698	\$	4,863	26%
2023 Escalated Budget	\$	21,618												
2019 Budget Remaining Total	\$	580,370							Total	\$	717,398	\$	137,028	24%
2023 Escalated Budget Remaining Total	\$	649,623								•		•		
2027 Projected Budget Total Remaining	\$	717,398												
Amendment 5 Escalation Total	\$	137,028												

#### MARX & 105TH PUMP STATION UPGRADE CITY OF PORTLAND, BES AMENDMENT 5 - EXHIBIT 3

	Principal Engineer V	Principal Engineer IV	Principal Engineer VI	Professional Engineer IX	Professional Engineer VIII	Professional Engineer VII		Engineering Designer I	Engineering Designer I	Technician IV	Administrative II	Administrative I	Hours	Labor		Subconsul	tants with 5% Ma	rk Up		Subconsultant Total	Expenses	Total
	\$236.48 KPM	\$223.88 MLC	\$250.00 RKL	\$177.63 AJC	\$182.42 MAR	\$167.40 NJM	\$143.52 EPK	\$93.00 MCF	\$91.45 FC	\$120.72 MBE	\$92.55 JSH	\$61.03 MRS			Akana Structural	Rhino One Geotech	Elcon Electrical		Juncus and Arch			
Task 1 - Project Management and Coordination																						
Task 1.1 - Preliminary Design Phase Project Management	8	24		48							24		104	\$ 18,012						\$ -	\$ -	\$ 18,012
Task 1.2 - Design Phase Project Management         Task 1.3 - Bid Phase Project Management	8	24		40							28 14		100 30	\$ 16,961 \$ 4,508						\$ - \$ -	\$ - \$ -	\$ 16,961 \$ 4,508
Task 1.4 - Construction Phase Project Management	8	4		24							11		47	\$ 8,068						\$ -	\$ -	\$ 8,068
Task 1.5 - Supplemental Phase Project Management		4	-	16	•	0	•	•	•		8	<u>^</u>	28	\$ 4,478	~	¢ ¢				\$ -	\$ -	\$ 4,478
Task 1 Subtotal	24	64	0	136	0	0	0	0	0	0	85	0	309	\$ 52,028	\$ -	\$ - \$	- >	- >	-	\$-	ş -	\$ 52,028
Task 2 - Predesign Phase Services																				\$-	\$-	\$-
Task 2.1 - Project Kick Off	4	4		6			4	2	0	24		2	20	\$ 3,603		\$	1,628			\$ 1,628	\$ -	\$ 5,231
Task 2.2 - Coordinate Survey and Prepare Base Mapping Geotechnical and Structural Analysis and Recommendations							2	2	8	24			36	\$ 4,102						Ş -	<u>&gt; -</u>	\$ 4,102
Task 2.3 -				6			4	8				6	24	\$ 2,750	\$ 2,867	\$ 18,932				\$ 21,799	\$-	\$ 24,549
Task 2.4 - Code Compliance Review		2		2			4		12			6	26	\$ 2,841	\$ 1,932	\$	525 \$	21,984 \$	788	\$ 25,229	\$-	\$ 28,070
Task 2.5 - Corrosion Inspection and Mitigation		4	10	4			6	18	24	0		6	34 68	\$ 3,612 \$ 9,491						\$ -	\$ -	\$ 3,612 \$ 9,491
Task 2.6 - Force Main Replacement Feasibility Study Task 2.7 - Stormwater Feasibility Evaluation		2	10	8		16	8	32	24	8		6	80	\$ 9,912						\$ -	ş - \$ -	\$ 9,912
Task 2.8 - Electrical Design and Space Planning		4		8	4		6		16	8		6	52	\$ 6,703		\$	8,411			\$ 8,411	\$ -	\$ 15,114
Task 2.9 - Bypass Pumping Evaluation		4		8			8	10	20	8		6	54	\$ 6,626			1.050			\$ -	\$ -	\$ 6,626
Task 2.10 - Private Utility Coordination Task 2.11 - Prepare Alternative Site Plans		4		16		8	4	16 24	36	4		6	30 158	\$ 2,911 \$ 19.735		\$	1,050	Ś	2.231	\$ 1,050 \$ 2,231		\$ 3,961 \$ 21,966
Task 2.12 - Prepare 30% Design Submittal	2	4		8		0	24	32	32	24		16	142	\$ 16,010	\$ 6,027	\$	9,020	\$	2,100			\$ 33,157
Task 2 Subtotal	6	28	10	74	4	24	104	132	148	128	0	66	724	\$ 88,297	\$ 10,826	\$ 18,932 \$	20,634 \$	21,984 \$	5,119	\$ 77,495	\$-	\$ 165,792
Task 2 Design Diseas Services				_																ć	ć	ć
Task 3 - Design Phase Services Task 3.1 - Prepare Stormwater Management Report		2		4		24	4	48		16			98	\$ 12,145						\$ - \$ -	ş - \$ -	\$ 12,145
Task 3.2 - Prepare 60% Design PS&E Submittal	4	8	12	24	16	12	46	52	80	60		32	346	\$ 42,878	\$ 6,810	\$	13,728	\$	3,675		\$ 300	\$ 67,391
Task 3.3 - Prepare Land Use Application Package		4		8	1.0	10	4	48	16	60		16	156	\$ 17,038	4 0.865		\$	24,108		\$ 24,108		\$ 41,146
Task 3.4 - Prepare 90% Design PS&E Submittal Task 3.5 - Provide Public Involvement Assistance	4	8	4	24	16	16	60	72	84	60 16		32	380 64	\$ 45,783 \$ 7,387	\$ 8,755	\$	22,804	\$	4,200	\$ 35,759	\$ -	\$ 81,542 \$ 7,387
Task 3.6 - Prepare Final Bid Documents	4	8	4	16	16	16	40	60	72	40		32	308	\$ 36,863	\$ 3,891	\$	18,375	\$	525	\$ 22,791	\$ 300	
Task 3.7 - Building Permit Assistance				6	6		8	16	28	16			80	\$ 9,289	\$ 2,898					\$ 2,898		1 7 1
Task 3.8 - Arc Flash Study Requirements Task 3 Subtotal	12	34	20	86	8 62	68	4 174	308	292	268	0	120	12 1444	\$ 2,033 \$ 173,417	\$ 22,354	\$ \$-\$	17,334 72,241 \$	24,108 \$	8,400	\$ 17,334 \$ 127,103		+ ==)==:
1056 5 50000	12	54	20	80	02	08	1/4	308	232	208	Ŭ	120	1444	\$ 1/3,41/	\$ 22,334	<b>ə</b> - <b>ə</b>	72,241 3	24,108 3	8,400	\$ 127,105	\$ 000	5 501,120
Task 4 - Bid Phase Services													0	\$-						\$-	\$-	\$ -
Task 4.1 - Respond to Bidder Inquires				2			8	24	20				54	\$ 5,564	\$ 1,932	\$	3,650			\$ 5,582		\$ 11,146
Task 4.2 - Attend Pre-bid Meeting Task 4.3 - Prepare Addenda				4			4	16	16	8		6	8 58	\$ 1,285 \$ 6,210						\$ - \$	\$ - \$ -	\$ 1,285 \$ 6,210
Task 4.4 - Prepare Conformed Contract Documents							6	8	16	20			50	\$ 5,483						\$ -	\$ -	\$ 5,483
Task 4 Subtotal	0	0	0	12	0	0	24	48	52	28	0	6	170	\$ 18,542	\$ 1,932	\$ - \$	3,650 \$	- \$	-	\$ 5,582	\$-	\$ 24,124
Task 5 - Construction Phase Services																				ć	ć	ć
Task 5.1 - Preconstruction Conference				4			4						8	\$ 1,285		\$	1,575			\$ 1,575	\$ -	\$ 2,860
Task 5.2 - Submittal Review				16			40		125				181	\$ 20,014			13,440			\$ 18,780		\$ 38,794
Task 5.3 - Construction Engineering		4		32	4		140	60	180	64		12	492 8	\$ 57,172 \$ 1.304	\$ 2,100	\$ 3,415 \$	17,770 2.819	\$	919	\$ 24,204 \$ 2,819		\$ 81,376 \$ 4,123
Task 5.4 - Finalize Arc Flash Study Task 5 Subtotal	0	4	0	52	4	0	188	60	305	64	0	12	689	\$ 79,775	\$ 5,565	\$ 5,290 \$	35,604 \$	- \$	919			
							1															-
Task 6 - Supplemental Design Services				16			16		10	10			120	¢ 44705						<i>*</i>	~	\$ <u>14.765</u>
Task 6.1 Design New Force Main Task 6.2 Green Roof Design		2		4		16	16 8		40 24	40 24	4	4	120 82	\$ 14,765 \$ 10,447	\$ 2.625			Ś	2,625	\$ 5,250	\$	\$ 14,765 \$ 15,697
Task 6.3 Confined Space Entry for Wet Well and Vaults				2			2		8				12	\$ 1,374	\$ 6,825					\$ 6,825		\$ 8,199
Task 6.4 Pile Design for Pump Station Structures and Foundations		8		8			8		8	8	4	4	48	\$ 6,672	\$ 29,925					\$ 29,925	\$	\$ 36,597
Task 6.5 Pile Submittal Review Task 6.6 Wetland Delineation Report				2			4		6	8			6 20	\$ 929 \$ 2.444	\$ 3,150		ć	4 942		\$ 3,150 \$ 4,942	\$	\$ 4,079 \$ 7,386
Task 6.7 - Design NE 105th Avenue Frontage Improvements		4		16		24	8	60	0	32		8	152	\$ 18,835			Ý	1,5 12		\$ -	\$ -	\$ 18,835
Task 6 Subtotal	0	18	0	50	0	40	50	60	86	112	8	16	440	\$ 55,466	\$ 42,525	\$-\$	- \$	4,942 \$	2,625	\$ 50,092	\$ -	\$ 105,558
RIGINAL CONTRACT ALL TASKS	42	148	30	410	70	132	540	608	883	600	93	220	3776	\$ 467,524	\$ 82.202	\$ 24,222 \$	132,129 \$	51,034 \$	17,063	\$ 307,650	\$ 600	\$ 775,774
IBINAL CONTRACT ALL TASKS	42	140	30	410	70	132	340	000	885	000	33	220	3770	\$ 407,324	\$ 83,202	\$ 24,222 \$	132,123 3	51,034 5	17,003	\$ 307,830	\$ 000	\$ 113,114
mendment 1 Total (includes Deleted Task 6.2)														\$ 27,458	\$ 11,403	\$-\$	26,395 \$	- \$	(2,625)	\$ 35,173	\$-	\$ 62,631
ontract Amount with Amendment 1														\$ 494,982	\$ 94,605	\$ 24,222 \$	158,524 \$	51,034 \$	14,438	\$ 342,823	\$ 600	\$ 838,405
nendment 3 Additional Tasks Total														\$ 58,361	\$-	\$-\$	5,438 \$	21,706 \$	56,764	\$ 83,908		\$ 142,269
nendment 3 Deleted Task Total (6.1, 6.3, 6.4, 6.5, & 6.6)														\$ (26,184)	\$ (39,900)	\$-\$	- \$	(4,942) \$	-	\$ (44,842)	\$-	\$ (71,026)
nendment 3 Total														\$ 32,177	\$ (39,900)	\$-\$	5,438 \$	16,764 \$	56,764	\$ 39,066	\$-	\$ 71,243
ontract Amount with Amendment 3														\$ 527,159	\$ 54,705	\$ 24,222 \$	163,962 \$	67,798 \$	71,202	\$ 381,889	\$ 600	\$ 909,648
mendment 5 Additional Task Total (See Exhibit 1)														\$ 188,673	\$ 16,339	\$ 15,332 \$	54,002 \$	25,788 \$	21,410	\$ 132,870	\$ 105	\$ 321,648
mendment 5 Escalation Adjustment (See Exhibit 2)														\$ 75,403	\$ 9,558	\$ 1,216 \$	31,573 \$	7,897 \$	11,381	\$ 61,625	ş -	\$ 137,028
nendment 5 Total														\$ 264,076		\$ 16,548 \$			32,791			
ontract Amount with Amendment 5														\$ 791,235	\$ 80,602	\$ 40,770 \$	249,537 \$	101,483 \$	103,993	\$ 576,384	\$ 705	\$ 1,368,324