

Supplemental Agreement Number: #7	Organization, Address, and Phone: Tetra Tech, Inc. 2003 Western Avenue, Suite 700 Seattle, WA 98101	
Agreement Number: N/A		
Project Number: 405 1693-6	Execution Date: 4/20/2020	Completion Date: 12/31/2023
Project Title: Port Hadlock Wastewater System – Final Design Changes	New Maximum Amount Payable (Including this Supplement): \$2,441,107.00	
Description of Work: Changes to the final design of the Port Hadlock Wastewater Treatment Plant; final design for the Collection System for the Port Hadlock “Core Area”; engineering support for changes to Ovivo Contract.		

SUPPLEMENTAL AGREEMENT

Jefferson County hereby amends the agreement with Tetra Tech, Inc. (“the Agreement”), originally executed on April 20, 2020.

All provisions in the Agreement remain in effect, except as expressly modified by this Supplemental Agreement.

The changes to the Agreement are described as follows:

I.

Scope of Services is hereby changed to read:

Add Scope of Work (SOW) as described in Exhibit A-1 for completion of the Wastewater Treatment Plant (WWTP) and the low pressure sewer collection systems plans and specifications. Include splitting the yard pump station into an influent pump station and a yard pump station; additional review of Ovivo’s controls submittal; incorporation of County’s comments to the final WWTP design; final design for Phase 3 Low Pressure Sewer Collection contract.

II.

Time for Performance is hereby changed to read:

The Agreement shall terminate on December 31, 2023 unless amended in writing prior to this date.

III.

Payment is hereby changed to read:

Add \$294,932.00 for work described in the attached SOW. See Exhibit B.

This Supplemental Agreement shall be effective upon execution by both parties. Work performed consistent with the Agreement prior to execution of this Supplemental Agreement is hereby ratified.

In witness whereof, the parties hereto have executed this Supplemental Agreement as shown below.

(Consultant Firm Name)

COUNTY OF JEFFERSON
BOARD OF COMMISSIONERS

Tetra Tech, Inc.

Consultant's Name

Kate Dean, District 1

Date



Consultant's Signature

Heidi Eisenhour, District 2

Date

October 9, 2023

Date

Greg Brotherton, District 3

Date

Approved as to form only:

PRE-APPROVED CONTRACT FORM

Philip C. Hutsucker

Date

Chief Civil Deputy Prosecuting Attorney



Monte Reinders, P.E.

10/10/2023
Date

Public Works Director/County Engineer

EXHIBIT A-1

SCOPE OF WORK

JEFFERSON COUNTY DEPARTMENT OF PUBLIC WORKS PORT HADLOCK WASTEWATER SYSTEM DESIGN UPDATE SERVICES

SUPPLEMENT NO 7

PHASE 2 TREATMENT PLANT DESIGN CHANGES PHASE 3 – COLLECTION SYSTEM FINAL DESIGN

GENERAL – ADDITIONAL DESIGN SERVICES

The scope of services in this supplement provides additional services to incorporate design changes and additional design services associated with the Phase 2 Treatment Plant Construction Bid Package for the wastewater treatment plant design and incorporate drawing markups and field data from Jefferson County in to the Phase 3 Core Area Pressure Sewer Bid Package. These services are to incorporate the changes described in the tasks below and complete the designs for the Phase 2 and Phase 3 Bid Packages.

TASK 200 – RECLAMATION PLANT & INFLUENT PIPELINE DESIGN UPDATE

Subtask 200.5 – 100% Plans, Specs, and Estimate (Phase 2 Treatment Plant Construction Package)

Finalize Task 200.5 100% Plans and Specifications. This work is divided into the following tasks and subtasks:

1. Time spent to data on changes not included in the previous amendment including:
 - a. Influent Pipe Relocation and associated changes to the phase 1 and 2 drawings.
 - b. Coordination with Seton to package and send CAD files in a version suitable for Seton's version of AutoCAD.
 - c. CAD drafting time for the stormwater design (drafting time was not included)
2. EQ Tank Modification – Split the yard pump station into two, a pump station connected to the EQ tank and a separate drain pump station. This includes estimated time for the following subtasks:
 - a. Change coordination with other trades and the County.

- b. General sheet revisions (including process flow diagrams, design table and hydraulic profile)
 - c. Civil sheet revisions
 - d. Process sheet revisions
 - e. Structural sheet revisions
 - f. Electrical and I&C sheet revisions
 - g. Coordinating EQ transfer pump station design and controls with Ovivo.
3. Ovivo Submittal and programming proposal review
 - a. Review Ovivo's construction phase submittal.
 - b. Review Ovivo's programming proposal.
 - c. Update drawings and specifications to suit the agreed upon panel arrangement and Ovivo programming scope.
 - d. Coordination meetings/design coordination meetings with Ovivo to ensure the designs are coordinated.
4. Changes associated with the County's comments from August 25th, 2023. These changes include:
 - a. Adjusted the stormwater design.
 - b. Modifications to the influent valve and meter vault.
 - c. Changing the generator and fuel tank from a diesel unit to a propane driven unit.
 - d. Shifting HVAC within the administration building and chemical building.

Work Products:

- Final Treatment Plant Plans and Specification package
- Final cost estimate
- Review comments on Ovivo's construction phase submittal programming submittal.

TASK 1200 – PRESSURE SEWER COLLECTION SYSTEM

Subtask 1200.5 – Pressure Sewer 100% Plans, Specifications, and Estimate

Develop design documents for the pressure sewer pipe system to a bid-ready level. This work is broken out into the following:

1. General Design coordination and project coordination with Jefferson County.
2. Update the piping flow model
3. Update general sheets and plan and profiles per agreed upon County mark-ups
4. Develop new plan and profiles
5. Revised detail sheets per agreed upon County mark-ups
6. Update Traffic Control plans
7. Incorporate Cedar Avenue data into the drawings
8. Incorporate pothole data into the drawings.
9. Site visit
10. Finalize technical specifications.
11. Review the County's cost estimate and provide comments and feedback as necessary.

Assumptions:

- This is for the pressure sewer pipe system within street right-of-way and easements.

- The design team will provide draft drawings during development for County review and comment.
- This work does not include the on-site grinder pump systems which will be finalized and bid as Phase 4 – On-site Grinder Pump Systems. This will be funded under a future Supplement.

Work Products:

- Draft Pressure Sewer Collection System Plans and Specification
- Final Pressure Sewer Collection System Plans and Specification package
- Final cost estimate

Tetra Tech, Inc

Fully Burdened Rate Breakdown

27-Apr-23

Overhead rate 171.44%

Staff Member	Title	2020 Raw Rate	2021 Raw Rate	2022 Raw Rate	2023 Raw Rate	Overhead	BurdenedTotal	Effective Multiplier
Alan Flak	CAD	\$ 48.85	\$ 51.20		\$ 65.38	\$ 112.09	\$ 177.47	2.71
Alex Buescher	Civil Engineer III	n/a	\$ 39.42	\$ 40.80	\$ 43.25	\$ 74.15	\$ 117.40	2.71
Alexandra Der	Engineer 2	\$ 41.19	\$ 45.19	\$ 46.54	\$ 48.65	\$ 83.41	\$ 132.06	2.71
Amy Murdick	Landscape Architect	\$ 46.39	\$ 48.08	\$ 50.00	\$ 61.88	\$ 106.09	\$ 167.97	2.71
Amy Rodriguez	Sr CAD Designer	n/a	\$ 37.64	\$ 38.94	\$ 40.48	\$ 69.40	\$ 109.88	2.71
Armin Agnish	Electrical Engineer 2	n/a	n/a	\$ 38.46	\$ 41.35	\$ 70.89	\$ 112.24	2.71
Banks Wason	Project Engineer 2			\$ 74.66	\$ 77.84	\$ 133.45	\$ 211.29	2.71
Brett Boehmke	Engineer 3	na	\$ 40.38		\$ 48.08	\$ 82.43	\$ 130.51	2.71
Bryan Thomasy	Senior CAD Designer 2	\$ 48.27	\$ 49.76	\$ 51.54	\$ 53.85	\$ 92.32	\$ 146.17	2.71
Dan Portman	Senior Consultant 1	\$ 44.23	\$ 45.12	\$ 46.68	\$ 49.04	\$ 84.07	\$ 133.11	2.71
Dan Lindsey	Project Engineer 2			\$ 71.15	\$ 73.08	\$ 125.29	\$ 198.37	2.71
David Scott	Project Manager 2	\$ 67.69	\$ 70.10	\$ 72.55	\$ 75.82	\$ 129.99	\$ 205.81	2.71
Eric Dienst	Project Engineer 2	n/a	\$ 45.67	\$ 49.52	\$ 52.88	\$ 90.66	\$ 143.54	2.71
Gerard Scheller	Proj Mgr	n/a	\$ 75.99			\$ -	\$ -	#DIV/0!
Gordon Munro	Sr. Project Manager	n/a	\$ 86.54	\$ 89.18	\$ 93.17	\$ 159.73	\$ 252.90	2.71
Grizelda Sarria	Senior Project Manager	\$ 75.48	\$ 78.13		\$ 86.06	\$ 147.54	\$ 233.60	2.71
Hamid Naderi	Senior Structural Engineer	\$ 90.72	\$ 92.40	\$ 93.75	\$ 95.67	\$ 164.02	\$ 259.69	2.71
Hunter Bennett-Dagget	Engineer 3	\$ 44.67	\$ 46.35		\$ 50.96	\$ 87.37	\$ 138.33	2.71
Ian Smith	Engineer 1	n/a	\$ 21.00	\$ 34.86	\$ 38.87	\$ 66.64	\$ 105.51	2.71
James McQuarrie	Sr Project Manager	n/a	\$ 98.56	\$ 100.96	\$ 104.09	\$ 178.45	\$ 282.54	2.71
Jacob Clevenger	Engineer 1			\$ 31.25	\$ 33.65	\$ 57.69	\$ 91.34	2.71
Jerry Scheller	Project Mgr			\$ 78.27		\$ -	\$ -	#DIV/0!
Jim Santrock ⁽¹⁾⁽²⁾	Senior Project Manager	\$ 92.42	\$ 92.42	\$ 92.42	\$ 92.42	\$ 158.44	\$ 250.86	2.71
John Rice	Senior I&C Engineer	\$ 70.72	\$ 72.84	\$ 79.33	\$ 81.73	\$ 140.12	\$ 221.85	2.71
Kevin Axt	Project Engineer	n/a	\$ 63.23	\$ 65.45	\$ 68.72	\$ 117.81	\$ 186.53	2.71
Kevin Dour	Program Manager	\$ 86.25	\$ 87.55	\$ 91.35	\$ 95.67	\$ 164.02	\$ 259.69	2.71
Lauren Handell	Project Engineer 2	n/a	\$ 51.01	\$ 53.61	\$ 56.25	\$ 96.44	\$ 152.69	2.71
Lisa Fortney	Admin. Prof. 3	\$ 34.13	\$ 35.58		\$ 38.41	\$ 65.85	\$ 104.26	2.71
Luke Ramirez	Mechanical Engineer	\$ 56.01	\$ 58.03	\$ 66.35	\$ 69.71	\$ 119.51	\$ 189.22	2.71
Mark Maxwell	Sr Project Manager			\$ 57.20	\$ 57.20	\$ 98.06	\$ 155.26	2.71
Melissa Zargon	Engineer 1			\$ 33.17	\$ 34.62	\$ 59.35	\$ 93.97	2.71
Michael J. Schumacher	Sr. CAD Designer 2	n/a	\$ 53.85		\$ 57.50	\$ 98.58	\$ 156.08	2.71
Michael Sutherland	Project Engineer 1	n/a	\$ 63.22	\$ 66.83	\$ 74.04	\$ 126.93	\$ 200.97	2.71
Miro Bodsky	Sr Architect 2	n/a	\$ 73.75	\$ 75.96	\$ 79.38	\$ 136.09	\$ 215.47	2.71
Nahuel Bottarini	Engineer 1	n/a	\$ 30.77	\$ 34.62	\$ 38.46	\$ 65.94	\$ 104.40	2.71
Rick Morris	CAD Drafter	\$ 35.72	\$ 36.44	\$ 37.31	\$ 38.80	\$ 66.52	\$ 105.32	2.71
Ryan Maas	Structural Engineer	\$ 58.17	\$ 61.54		\$ 66.88	\$ 114.66	\$ 181.54	2.71
Scott Bucholz	Sr Project Manager	n/a	\$ 76.97	\$ 81.25	\$ 85.10	\$ 145.90	\$ 231.00	2.71
Theodore, Dombrowski	Project Engineer 2			\$ 58.32	\$ 60.67	\$ 104.01	\$ 164.68	2.71
Vanessa Reed	Project Controller V	n/a	\$ 41.00	\$ 45.84		\$ -	\$ -	#DIV/0!
Wyatt Chancellor	Technician 2	n/a	\$ 35.77	\$ 40.87	\$ 43.27	\$ 74.18	\$ 117.45	2.71
Zsuzsanna Szevcsik	Financial Analyst III	n/a	\$ 35.77	\$ 37.20	\$ 45.52	\$ 78.04	\$ 123.56	2.71

(1) Jim is an as-needed retired status and has a lower rate because of reduced overhead with this status.