

Jefferson County
Board of Commissioners
Agenda Request

To: Board of Commissioners
Mark McCauley, County Administrator

From: Monte Reinders, P.E., Public Works Director/County Engineer 

Agenda Date: September 11, 2023

Subject: Change Order No. 2, Phase 1 - Site Prep., Earthwork and Service Utilities for the Port Hadlock Sewer, Project No. 405-2114-0, Commerce Project No. 22-96515-026

Statement of Issue: Change Order No. 2 with Seton Construction of Port Townsend, Washington.

Analysis/Strategic Goals/Pro's & Con's: This change order includes removal of unsuitable material from the infiltration pond bottom. The original bid included Unsuitable Foundation Excavation including Haul. However, the original bid item was for a small quantity (100 CY). The county directed the contractor to remove unsuitable "pond bottom" material, i.e. if not free draining the material needed to be removed. Some of the unsuitable "pond bottom" material was able to be used to construct the berm (embankment). However, the unsuitable "pond bottom" material which needed to be hauled off site total 2,030 cubic yard and 1,268.03 tons of concrete. The unsuitable "pond bottom" material removed from the site was not included in the original plans or specification, therefore was extra work.

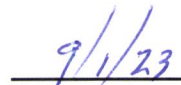
Fiscal Impact/Cost Benefit Analysis: The amount for Change Order No. 2 is \$134,009.17. The contract amount will increase from \$1,316,518.35 to \$1,450,527.51. NOTE, the cost included 9.1% sales tax. The project is funded at 100% by the Department of Commerce.

Recommendation: Public Works recommends that the Board authorize Change Order No. 2 with Seton Construction, and return two originals to Public Works for further processing.

Department Contact: Samantha Harper, P.E., Project Manager, 385-9175.

Reviewed By: 

Mark McCauley, County Administrator


Date

Sheet 1 of 2 Date: 8/29/2023	JEFFERSON COUNTY DEPARTMENT OF PUBLIC WORKS CHANGE ORDER	Change Order No. 2
---------------------------------	---	---------------------------

Ordered by County Engineer under terms of ☒ Section 1 - 04. 4 of the Standard Specifications ☐ Change proposed by Contractor	Contract No. 405-2114-0 To: Seton Construction 4640 S. Discovery Rd. Port Townsend, WA 98368
Endorsed by: <u>SETON CONSTRUCTION, INC.</u> Signature PRESIDENT Title Contractor Firm Name 9/1/2023 Date	Project Title Phase 1 - Site Prep., Earthwork, and Service Utilities for the PH Sewer
Consent given by Surety: (when required) By: _____ Attorney-in-fact Date	

You are ordered to perform the following described work upon receipt of an approved copy of this change order:

This change order is to compensate the Contractor for the unsuitable materials found within the infiltration area (pond) bottom. The unsuitable materials which were removed included non-free draining materials and or concrete. The authorization for the change order proposal was through a field directive given to the Contractor on Monday (8/7). At first, when the unsuitable material was removed it was divided into two categories what could be re-used for embankment (berm) material (not included in this change order) and unsuitable material (i.e. hauled off-site). The field directive the County gave to the Contractor was to excavate until a free draining sand layer was reached. As the unsuitable material was being sorted and or removed additional unsuitable was discovered which included a layer of concrete.

Bid Item No. 6 for unsuitable (grading) will be delete and the force account amount will be added to the contract amount. WSDOT Standard Specification Section 2-03.3(14)E allows the use of paying unsuitable per Section 1-04.4 (force account).

Per the approved construction schedule, the estimated duration for the pond embankment/excavation and clay core task was 12 working days with a completion date of August 3, 2023. Due to the work described above, the

All work materials and measurement to be in accordance with the provisions of the standard specifications and special provisions for the type of construction involved.

ORIGINAL CONTRACT AMOUNT (incl. 9.1% sales tax)	CURRENT CONTRACT AMOUNT (incl. 9.1% sales tax)	ESTIMATED NET CHANGE THIS ORDER (incl. 9.1% sales tax)	ESTIMATED CONTRACT TOTAL AFTER CHANGE (incl. 9.1% sales tax)	
\$ 1,243,245.78	\$ 1,316,518.35	\$134,009.17	\$ 1,450,527.51	
ORIGINAL CONTRACT TIME	CURRENT CONTRACT TIME	CONTRACT TIME CHANGE (Add/Del)	NEW CONTRACT TIME	
100	100	12	112	

APPROVAL RECOMMENDED ☒ Project Manager _____ Date 8/30/23	APPROVAL RECOMMENDED ☒ County Engineer _____ Date 8/30/23
APPROVAL RECOMMENDED ☐ Engineering Services Manager _____ Date	APPROVED ☐ _____ Chair, Jefferson County Commissioners _____ Date

		JEFFERSON COUNTY				Contract No	405-2114-0
	Sheet 2 of 2	DEPARTMENT OF PUBLIC WORKS					
						Change	
	Date: 8/29/2023	CHANGE ORDER ESTIMATE				Order No.	2
	ITEM NO.	DESCRIPTION		UNIT MEASURE	UNIT PRICE	ESTIMATED QUANTITY CHANGE	ESTIMATED AMOUNT CHANGE
	NEW ITEMS						
	CO 2	FA - Pond Unsuitable Incl. Haul		CY	\$31.00	2,030	\$62,930.00
	CO 2	FA - Pond Unsuitable Concrete Incl. Haul		TON	\$50.00	1,268	\$63,401.50
						New Item Total	\$126,331.50
	EXISTING ITEMS DELETED QUANTITIES						
		6 Unsuitable Foundation Excavation Incl. Haul		CY	\$35	100	(\$3,500.00)
				Existing Items Deleted Quantities Total			(\$3,500.00)
	EXISTING ITEMS ADDED QUANTITIES						
							\$0.00
				Existing Items Added Quantities			\$0.00
				ESTIMATED NET CHANGE SUBTOTAL:			\$122,831.50
					9.1% Sales Tax		\$11,177.67
				ESTIMATED NET CHANGE TOTAL:			\$134,009.17

4640 South Discovery Road
Port Townsend, WA 98368
(360)-385-0213 Office Main Number

8/29/2023 SAH

Project Number 2305	Project Name Port Hadlock WWTP Site Prep Phase 1		Client / General Contractor Jeff County Public Works
Date of the Work 8/7 - 8/22	Item Number 1	Item Name Pond Unsuitable Dig Out Incl Haul & Disposal	
Description of Work Performed Excavate, haul off & dispose pond unsuitable materials. (Does not include any dig out that is being re-used onsite, that will be seperately priced item. Does not include any import sand to replace removed materials, that will be priced as seperate change order)			
Total Quantity = 2030 CY's			

[illegible]

Equipment		Hours Worked		Reg. Rate	SB Rate	Amount
Equipment # / Type/Size		Reg.	Standby			
	Cat 317 Excavator	62.5	0	\$ 152.95	\$ -	\$ 9,559.38
F11	Mack 4200 Gallon Water Truck	13	0	\$ 35.00	\$ -	\$ 455.00
R15	Sakai Roller/Compactor	15	0	\$ 60.00	\$ -	\$ 900.00
T52	Volvo A30D OffRoad Truck	25	0	\$ 130.00	\$ -	\$ 3,250.00
T34	Mack Dump Truck	7	0	\$ 105.00	\$ -	\$ 735.00
T50	Mack Dump Truck	57.5	0	\$ 105.00	\$ -	\$ 6,037.50
P78	1 Ton 3500 Truck	62.5	0	\$ 20.00	\$ -	\$ 1,250.00
						\$ -
						\$ -
						\$ -

Materials Description	Supplier	Invoice			Unit Price	Amount
			Quantity	Unit		
Tipping Fee	Shold Dirt Disposal		2030	CY	\$ 6.00	\$ 12,180.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -

Subcontractor Work		Invoice			Unit Price	Amount
Description of Work	Subcontractor		Quantity	Unit		
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -

SHEET TOTAL	\$	62,560.11
--------------------	-----------	------------------

Client's Representative	Date	Selon's Representative	Date
-------------------------	------	------------------------	------

Received

Summary of Additional Work Time & Materials

Time Worked Record

Labor Subtotal	\$	7,656.72
Markup @ 29%	\$	2,220.45
Labor Total	\$	9,877.17

Equipment Subtotal	\$	12,314.78
Markup @ 21%	\$	2,586.10
Equipment Total	\$	14,900.88

Materials Subtotal	\$	31,700.75
Markup @ 21%	\$	6,657.16
Materials Total	\$	38,357.91

Subcontractor Subtotal	\$	-
Markup @ 10%-12% (\$ Based per W:	\$	-
Subcontractor Total	\$	-

Notes:

Client's Representative	Date	Seton's Representative	Date
-------------------------	------	------------------------	------