

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:** October 2, 2023

**Subject:** Change Order No. 3, Phase 1 - Site Prep., Earthwork and Service Utilities for the Port Hadlock Sewer, Project No. 405-2114-0, Commerce Project No. 22-96515-026

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**Statement of Issue:** Change Order No. 3 with Seton Construction of Port Townsend, Washington.

**Analysis/Strategic Goals/Pro's & Con's:** This change order includes the increased cost to change the clay core material, installation method and design detail. The originally designed clay core in the wastewater pond embankment will be replaced with an improved design consisting of a 60 mil HDPE liner and lean concrete backfill. The intent of this impermeable cut off wall is to ensure reclaimed water will be directed downwards through the bottom of the infiltration facility.

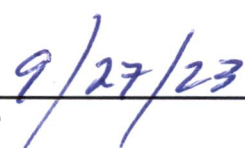
**Fiscal Impact/Cost Benefit Analysis:** The amount for Change Order No. 3 is \$99,559.01. The contract amount will increase from \$1,450,527.51 to \$1,550,086.52. NOTE, the cost included 9.1% sales tax. The project is funded at 100% by the Department of Commerce.

**Recommendation:** Public Works recommends that the Board authorize Change Order No. 3 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    | JEFFERSON COUNTY<br>DEPARTMENT OF PUBLIC WORKS | Change<br>Order No. <b>3</b> |
| Date: 9/21/2023 | <b>CHANGE ORDER</b>                            |                              |

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ordered by County Engineer under terms of<br><input checked="" type="checkbox"/> Section 1 - 04. 4 of the Standard Specifications<br><br><input type="checkbox"/> Change proposed by Contractor                                                                                 | Contract No. 405-2114-0<br><br>To:<br><div style="border: 1px solid black; padding: 5px; margin-top: 5px;">           Seton Construction<br/>           4640 S. Discovery Rd.<br/>           Port Townsend, WA 98368         </div> |
| Endorsed by: <u>SETON CONSTRUCTION, INC.</u><br><div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <br/>           Signature<br/> <u>PRESIDENT</u><br/>           Title         </div> <div>           Date<br/> <u>9/22/23</u> </div> </div> | Project Title Phase 1 - Site Prep.,<br>Earthwork, and Service<br>Utilities for the PH Sewer                                                                                                                                         |
| Consent given by Surety: (when required)<br><br>By: _____<br><div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>Attorney-in-fact</span> <span>Date</span> </div>                                                                               |                                                                                                                                                                                                                                     |

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

The change was to a install 60 mil HDPE liner with concrete backfilled trench in lieu of original clay core. Estimated quantities and cost shown on attached sheet.

With the decision to construction this option, Bid Item No. 5 Clay Core will be deleted from the contract and new bid items for the installation of the core material will be added to the contract.

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<br>CONTRACT<br>AMOUNT (incl. 9.1% sales tax) | CURRENT<br>CONTRACT<br>AMOUNT (incl. 9.1% sales tax) | ESTIMATED<br>NET CHANGE<br>THIS ORDER (incl. 9.1% sales tax) | ESTIMATED<br>CONTRACT TOTAL<br>AFTER CHANGE (incl. 9.1% sales tax) |  |
|-------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|--|
| \$ 1,243,245.78                                       | \$ 1,450,527.51                                      | \$99,559.01                                                  | \$ 1,550,086.52                                                    |  |
| ORIGINAL<br>CONTRACT TIME                             | CURRENT<br>CONTRACT TIME                             | CONTRACT TIME<br>CHANGE (Add/Del)                            | NEW CONTRACT<br>TIME                                               |  |
| 100                                                   | 112                                                  | 0                                                            | 0                                                                  |  |

|                                                                                                                                     |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| APPROVAL RECOMMENDED<br><input checked="" type="checkbox"/><br>Project Manager <u>9/22/23</u> Date                                  | APPROVAL RECOMMENDED<br><input checked="" type="checkbox"/><br>County Engineer <u>Monte Reinders</u> <u>9.22.23</u> Date |
| APPROVAL RECOMMENDED<br><input checked="" type="checkbox"/><br>Engineering Services Manager <u>9/22/2023</u> <u>Eric Kuzma</u> Date | APPROVED<br><input type="checkbox"/><br>Chair, Jefferson County Commissioners _____ Date                                 |

|  |                                          |                                   |  |                                                |                |                           |                         |
|--|------------------------------------------|-----------------------------------|--|------------------------------------------------|----------------|---------------------------|-------------------------|
|  |                                          | <b>JEFFERSON COUNTY</b>           |  |                                                | Contract No.   | 405-2114-0                |                         |
|  | Sheet 2 of 2                             | <b>DEPARTMENT OF PUBLIC WORKS</b> |  |                                                |                |                           |                         |
|  |                                          |                                   |  |                                                | Change         |                           |                         |
|  | Date: 9/21/2023                          | <b>CHANGE ORDER ESTIMATE</b>      |  |                                                | Order No.      | 3                         |                         |
|  |                                          |                                   |  |                                                |                |                           |                         |
|  | ITEM NO.                                 | DESCRIPTION                       |  | UNIT MEASURE                                   | UNIT PRICE     | ESTIMATED QUANTITY CHANGE | ESTIMATED AMOUNT CHANGE |
|  |                                          |                                   |  |                                                |                |                           |                         |
|  | <b>NEW ITEMS</b>                         |                                   |  |                                                |                |                           |                         |
|  | 70                                       | Purchase Liner                    |  | SY                                             | \$10.41        | 2,654                     | \$27,626.98             |
|  | 71                                       | Install Liner                     |  | SY                                             | \$4.96         | 875                       | \$4,340.00              |
|  | 72                                       | Purchased Concrete                |  | CY                                             | \$153.67       | 528                       | \$81,137.76             |
|  | 73                                       | Placed Concrete                   |  | CY                                             | \$13.11        | 528                       | \$6,922.08              |
|  | 74                                       | Trench Excavation                 |  | CY                                             | \$19.75        | 528                       | \$10,428.00             |
|  |                                          |                                   |  | <b>New Item Total</b>                          |                |                           | <b>\$130,454.82</b>     |
|  |                                          |                                   |  |                                                |                |                           |                         |
|  | <b>EXISTING ITEMS DELETED QUANTITIES</b> |                                   |  |                                                |                |                           |                         |
|  | 5                                        | Clay Core                         |  | CY                                             | \$49           | 800                       | (\$39,200.00)           |
|  |                                          |                                   |  |                                                |                |                           |                         |
|  |                                          |                                   |  | <b>Existing Items Deleted Quantities Total</b> |                |                           | <b>(\$39,200.00)</b>    |
|  |                                          |                                   |  |                                                |                |                           |                         |
|  | <b>EXISTING ITEMS ADDED QUANTITIES</b>   |                                   |  |                                                |                |                           |                         |
|  |                                          |                                   |  |                                                |                |                           | \$0.00                  |
|  |                                          |                                   |  |                                                |                |                           |                         |
|  |                                          |                                   |  | <b>Existing Items Added Quantities</b>         |                |                           | <b>\$0.00</b>           |
|  |                                          |                                   |  |                                                |                |                           |                         |
|  |                                          |                                   |  | <b>ESTIMATED NET CHANGE SUBTOTAL:</b>          |                |                           | <b>\$91,254.82</b>      |
|  |                                          |                                   |  |                                                | 9.1% Sales Tax |                           | \$8,304.19              |
|  |                                          |                                   |  | <b>ESTIMATED NET CHANGE TOTAL:</b>             |                |                           | <b>\$99,559.01</b>      |
|  |                                          |                                   |  |                                                |                |                           |                         |

## Port Hadlock Concrete Core Pricing

9/8/2023      Revised      9/15/2023

COP No. 3 - Revised  
SAH 9/15/2023

| Option 2 - 60 Mil HDPE Liner & 18 Inch Conc Filled Trench |      |          |              |                     |
|-----------------------------------------------------------|------|----------|--------------|---------------------|
| Item                                                      | Unit | Quantity | \$/Unit      | Total \$            |
| Purchase Liner                                            | SY   | 2654     | \$10.41      | \$27,626.98         |
| Install Liner                                             | SY   | 875      | \$4.96       | \$4,340.00          |
| Purchase Conc                                             | CY   | 528      | \$153.67     | \$81,137.76         |
| Place Conc                                                | CY   | 528      | \$13.11      | \$6,922.08          |
| Trench Excavation                                         | CY   | 528      | \$19.75      | \$10,428.00         |
|                                                           |      |          | <b>Total</b> | <b>\$130,454.82</b> |