



February 6, 2025

BCC Agenda Date/Item: _____

Board of County Commissioners
 Acting as the governing body of Water Environment Services
 Clackamas County

Approval of Amendment #11 with Consor North America, Inc. for construction phase services for the Pump Station Rehabilitation Project. Amendment value is \$550,341. Total Contract Value is \$3,602,701. Funding through WES Sanitary Sewer Construction Fund. No County General Funds are involved.

Previous Board Action/Review	<ul style="list-style-type: none"> • BCC approval of a contract with Murraysmith (Now Consor) for the Pump Station Rehabilitation and Upgrades – November 14, 2019. • Approval of Amendment #3 to add \$1,349,710 to begin phase 2 and increase contract timeframe – January 28, 2021. • Approval of Amendment #5 to add \$476,942 for design and engineering work – February 24, 2022. • Approval of Amendment #6 to add \$347,762 for additional scope – July 21, 2022. • Approval of Amendment #9 to add 430,777.00 for additional scope – November 02, 2023. 		
Performance Clackamas	<ol style="list-style-type: none"> 1. This project supports the WES Strategic Plan to provide Enterprise Resiliency, infrastructure Strategy and Performance and Operational Optimization. 2. This project supports the County’s Strategic Plan for building a strong infrastructure that delivers services to customers and honors, utilizes, promotes and invests in our natural resources. 		
Counsel Review	Yes	Procurement Review	Yes
Contact Person	Jeff Stallard	Contact Phone	503-278-2311

EXECUTIVE SUMMARY: WES has been working with a consultant evaluating and designing improvements to its pump stations (PS) to increase reliability, safety and operational efficiency. The Project is conducted in phases that are built upon each other. The first phase was to do evaluations of the existing PS and recommend upgrades. The next phase is for design, bidding support, and construction services which are currently underway. The pump stations are being broken into multiple construction contracts based on types of upgrades. This amendment will cover construction phase

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services for the final group of upgrades to PS and extend the contract expiration date to December 31, 2026. In total this project will have completed design and construction of upgrades to 12 different pump stations which were packaged in 7 construction contracts.

RECOMMENDATION: Staff recommends that the Board of County Commissioners of Clackamas County, acting as the governing body of Water Environment Services, approve Amendment #11 for Contract #1652 with Consor North America, Inc. for construction phase services for Pump Station Rehabilitation Project.

Respectfully submitted,



Greg Geist
WES Director

Attachment: Consor North America, Inc. Contract #1652

AMENDMENT #11
TO THE CONTRACT DOCUMENTS WITH CONSOR NORTH AMERICA, INC. FOR 2019-55
PUMP STATION REHABILITATION AND UPGRADES
Contract #1652

This Amendment #11 is entered into between CONSOR North America, Inc. (“Contractor”) and Water Environment Services (“District”) and shall become part of the contract documents entered into between both parties on **November 14, 2019** (“Contract”).

The Purpose of this Amendment #11 is to make the following changes to the Contract:

1. Article I, Section 1. **Effective Date and Duration** is hereby amended as follows:
 The Contract expiration date is hereby changed from December 31, 2025 to **December 31, 2026**.

2. Article I, Section 2. **Scope of Work** is hereby amended as follows:
 District has requested Contractor to begin Construction Phase Services for the final group of pump station upgrades. The Construction Phase Services are further described in Exhibit A to this Amendment #11, attached and hereby incorporated by reference.

3. Article 1, Section 3. **Consideration** is hereby amended as follows:
 In consideration for Contractor performing the additional Construction Phase Services described in Exhibit A to this Amendment #11, District shall pay Contractor an amount not to exceed \$550,341.00. Consideration for the additional Construction Phase Services are on a time and materials basis in accordance with the rates set forth in Exhibit A to this Amendment #11. The total Contract compensation shall not exceed \$3,602,701.00.

ORIGINAL CONTRACT	\$ 238,771.00
AMENDMENT #1	Allow Travel and other Expenses
AMENDMENT #2	\$ 19,992.00 + Time Extension
AMENDMENT #3	\$1,349,710.00 + Time Extension
AMENDMENT #4	\$ 46,291.00
AMENDMENT #5	\$ 476,942.00
AMENDMENT #6	\$ 347,762.00
AMENDMENT #7	Name Change
AMENDMENT #8	\$ 142,115.00
AMENDMENT #9	\$ 430,777.00
AMENDMENT #10	Scope of Work Update
AMENDMENT #11	\$ 550,341.00
TOTAL AMENDEED CONTRACT	\$3,602,701.00

Except as expressly amended above, all other terms and conditions of the Contract shall remain in full force and effect. By signature below, the parties agree to this Amendment #11, effective upon the date of the last signature below.

CONSOR North America, Inc.

Water Environment Services



Digitally signed by Adam Crafts
 Date: 2025.01.15
 10:39:59-08'00'

 Authorized Signature Date
 Adam Crafts

 Printed Name

 Name Date

 Title

Approved as to Form

 _____ **1/15/2025**
 County Counsel Date

Exhibit A

SCOPE OF WORK PUMP STATION REHABILITATION AND UPGRADES

DESIGN, PERMITTING, BID PERIOD AND CONSTRUCTION ENGINEERING SERVICES CLACKAMAS WES

Introduction

Clackamas Water Environmental Services (WES, District) has prioritized several of its pump stations (PS) in need of improvements to increase reliability and operational efficiency. Schematic design development identified improvements at each facility and outlined an implementation plan for the project delivery. Design work for all the pump stations has been completed, the first group has completed construction, Gladstone pump station is in construction, and Group 2 will be starting construction. Group 3 will be bid in Fall of 2024 with construction anticipated in 2025/26.

Construction phase services to complete the projects are included in this Contract Amendment.

General Assumptions

- All 12 PSs will be completed and grouped into seven (7) bid sets as follows.
 - Bid Set No. 1: River Street and Bolton FM CARV and Intertie Improvements - Complete
 - Bid Set No. 2: Bolton PS – Complete
 - Bid Set No. 3: Clackamas, Timberline Rim, and River Street PS (Group 1) – Complete
 - Bid Set No. 4: Willamette PS – Complete
 - Bid Set No. 5: Gladstone PS – In construction. Additional construction phase activities requested by WES are included in this contract amendment.
 - Bid Set No. 6: Mitchell Creek and Carver Pump Stations (Group 2) – In construction.
 - Bid Set No. 7: Sieben Lane, South Welches, Golf Club Terrace, and 82nd Drive PS (Group 3) – Design Complete. Construction phase services included in this contract amendment.

District-Provided Services

The District-provided services already included in previous agreements are still applicable.

Consultant Provided Services

Task 1 – Project Management (Existing Task Amended)

Objective

Provide additional leadership, team coordination, and project controls for the additional design work. Complete monthly earned value tracking to monitor project health.

Consultant shall:

- Perform additional team coordination.
- Coordinate with District for design input or decisions in between design submittals.
- Update schedule with added project.
- Document key decisions in decision log.
- Prepare invoices, progress reports, and track earned value.

Deliverables

- Updated project schedule to include new bid set.
- Updated decision log related to additional work.

Assumptions

- Contract time will be extended to December 31, 2026, so an additional two years of invoicing and project management will be included.

Task 12 – Construction Engineering Services (Existing Task Amended)

Objective

Provide engineering services to support the District's construction management and inspection staff during the construction of the Group 3 pump stations. Consultant shall:

- Participate in the pre-construction conference with the District, Contractor, Sub-Contractors and other interested parties and answer questions necessary related to the final design.
- Review and respond to Contractor submittals for conformance with the final design.
- Review and respond to Requests for Information (RFIs) or Clarification.
- Assist the District in evaluating Contractor requests for change orders. Review and comment on the technical aspects of the proposed changes, the effect on construction schedule, and assist in negotiation of the change.
- Participate in weekly construction meetings in virtual format for Contractor coordination.
- Perform on-site construction observations of work at the Group 3 sites including:

- All Sites
 - Bypassing set up (4 visits total)
 - Force main connection (4 visit total)
 - Electrical panel and conduit installation (4 visits total)
 - Cabinet and panel installation (4 visit total)
 - Mechanical piping and plumbing installation (8 visits total)
 - Wet well coating substrate preparation (4 visit total)
 - Site grading and restoration (4 visits total)
 - Pump Station Start Up and Operational Testing (8 visit total)
 - Punch list inspection (4 visits total)

- South Welches Pump Station (5 visits total)
 - Site survey and layout
 - Roof Installation
 - Pathway paving limits
 - Generator foundation pre-pour
 - Generator installation

- Golf Club Terrace (8 visits total)
 - Building foundation pre-pour
 - CMU installation
 - Roof Installation
 - Framing and insulation
 - Water service installation
 - Generator foundation pre-pour
 - Generator installation
 - HVAC installation

- Sieben Lane Pump Station (5 visits total)
 - Vault lids pre-pour
 - Water service installation
 - Generator foundation pre-pour
 - Generator installation
 - HVAC installation

- 82nd Drive Pump Station (2 visits total)
 - Generator foundation pre-pour
 - Generator installation

- Provide SCADA and PLC/HMI programming and integration for all the pump stations based on Control Strategy described in the Contract Documents. Test HMI programming during start up and commissioning. Provide operational modifications and resolve operational and control issues.

- Review the Startup Plan prepared by the general contractor and provide input related to testing, commissioning and startup, completion dates for startup, system transfer over and operation of the new pumps.

- Prepare draft Operation and Maintenance Manual for WES and DEQ review and comment. Incorporate WES and DEQ comments into final version (4 total sets).
- Prepare record drawings.
- Attend on-site meetings with WES staff and Contractor during on-site construction phases.
- Perform additional daily on-site addition construction observations of work at Gladstone Pump Station to document the Contractor's work and progress. Prepare daily observations reports and post on Procore.

Deliverables

- Pre-construction meeting agenda and summary.
- Submittal review comments.
- Responses to contractor RFIs.
- Change Orders recommendations and responses.
- Inspection summary reports.
- Draft and final Operations and Maintenance Manual in pdf files (4 manuals total).
- Record Drawings, full and half size pdf files and dwg files.

Assumptions

- Preconstruction meeting will be held virtually.
- This project will be constructed under one construction contractor.
- Budget for submittal review assumes an average of 120 submittals for process equipment, piping, valves, and construction materials for all of the stations. WES will receive, review, and distribute pdf copies of submittal review comments to the Contractor.
- Budget for construction engineering support assumes up to 5 RFI responses and 2 change order requests for each pump station.
- Recurring virtual construction meetings will occur for one hour per week for eight months during active construction and be attended by the Project Manager and Project Engineer.
- Budget for onsite project meetings assumes 5 meetings for each pump station. Six hours by the Engineer of Record or delegate to include travel and summary email.
- Budget for construction observations assumes 6 hours per visit for the two pump stations in the metro area and 8 hours per visit for the two pump stations in Welches. This includes time to travel and prepare daily observation reports.
- Budget for additional construction observations at Gladstone include two additional months at an average of 32 hours per month.

- O&M manuals and record drawings will be provided in pdf files.
- Expenses for mileage include trips with an average distance of 60 miles each (90 miles round trip to Welches and 30 miles round trip in Clackamas Area at the 2024 IRS mileage rate.

Anticipated Project Milestones

- Preconstruction Meeting – February 2025
- Construction Submittal Review – March 2025
- Active Construction for all pump stations – June 2025 to June 2026

MULTIPLE PUMP STATION REHAB PROJECT
CLACKAMAS WES
PROPOSED FEE ESTIMATE

	Principal Engineer III	Professional Engineer VI	Professional Engineer III	Engineering Designer II	Engineering Designer VII	Project Coordinator IV	Inspector IV	Hours	Labor	Subconsultants					Subconsultant Total with Markup	Expenses	Total
										Structural	Electrical	Controls	Architect	Integration			
Average Billing Rate Estimated per Classification/Staff Name	\$260 CraftsAda	\$200 BargmeyerAle	\$152 LafrenzNic	\$126 ColesJac	\$207 EstepMat	\$171 RitzEri	\$142 SeamsterGre										
Task 1 - Project Management																	
Task 1 Subtotal	80	0	0	0	0	24	0	104	\$ 24,907	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,907
Task 12 - Construction Engineering Services																	
Task 12 Subtotal	88	52	500	1062	120	0	256	2174	\$ 304,080	\$ 38,092	\$ 58,672	\$ 60,900	\$ 20,353	\$ 28,800	\$ 217,158	\$ 4,195	\$ 525,433
TOTAL - ALL TASKS	168	52	500	1062	120	24	256	2278	\$ 328,988	\$ 38,092	\$ 58,672	\$ 60,900	\$ 20,353	\$ 28,800	\$ 217,158	\$ 4,195	\$ 550,341

Signature: *Carla Atwood*
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