



September 4, 2025

BCC Agenda Date/Item: _____

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

**Approval of a Personal Services Contract with Consor North America for on-call engineering services. Contract Value is \$1,000,000 for 5 years. Funding is through Water Environment Services Construction Fund and Operating Fund.
No County General Funds are involved.**

Previous Board Action/Review	N/A		
Performance Clackamas	1. This project supports the WES Strategic Plan Goal to strategically plan and execute capital projects to meet the growth, reliability, and regulatory needs of our service area at the lowest-life cycle cost. 2. This project supports the County's Strategic Priorities of Strong Infrastructure, Vibrant Economy, and Safe, Secure and Livable Communities.		
Counsel Review	Yes	Procurement Review	Yes
Contact Person	Jeff Stallard	Contact Phone	503-742-4694

EXECUTIVE SUMMARY: WES frequently encounters unanticipated projects and urgent engineering needs that arise outside of the annual planning and capital improvement process. These can include emergency repair design, regulatory compliance support, specialty technical analysis, and smaller capital or operational projects.

Under the current procurement process, engaging engineering services for these smaller or urgent projects often requires repetitive contracting efforts, which can be time-consuming and delay project delivery. Establishing on-call contracts will allow WES to streamline procurement, improve efficiency, and ensure timely response to our needs.

We conducted a competitive solicitation process to identify qualified engineering firms capable of providing services in four categories, Wastewater Conveyance and Treatment Engineering, Water Resources Engineering, Engineering Construction Services, and Wastewater Process Engineering and Operational Support. Work in these categories will include a wide range of services, including planning, design, permitting, and construction support. Multiple firms were selected to ensure adequate availability,

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specialized expertise, and competitive pricing.

The on-call contracts do not obligate funding at the time of award. Task orders issued under these contracts will be funded through approved operating or capital project budgets.

RECOMMENDATION: Staff recommends that the Board of County Commissioners of Clackamas County, acting as the governing body of Water Environment Services, approve Contract #1283 with Consor North America, Inc. for engineering on-call services.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Greg Geist", with a long horizontal flourish extending to the right.

Greg Geist
Director, WES

Attachment: Contract #1283 Consor North America, Inc.



**WATER ENVIRONMENT SERVICES
PERSONAL SERVICES CONTRACT
Contract # 0000001283**

This Personal Services Contract (this "Contract") is entered into between Consor North America, Inc. ("Contractor"), and Water Environment Services, an intergovernmental entity formed pursuant to ORS Chapter 190 ("District").

ARTICLE I.

- 1. Effective Date and Duration.** This Contract shall become effective upon signature of both parties. Unless earlier terminated or extended, this Contract shall expire on **June 30, 2030**.
- 2. Scope of Work.** Contractor shall provide On-Call Engineering Services ("Work"), further described in **Exhibit A**. The Contractor is approved to provide services for the following classes of Work:
 - ☒ 1) Wastewater Conveyance and Treatment Engineering
 - ☐ 2) Water Resources Engineering
 - ☐ 3) Engineering Construction Services
 - ☐ 4) Wastewater Process Engineering and Operational Support

This Contract is on an "on-call" or "as-needed basis" for Work.

When the District wishes Contractor to perform the Work, the District will submit an official Clackamas District Task Order form (found at: <https://www.clackamas.us/finance/terms.html>) detailing the scope of Work, the entity on whose behalf the Work will be performed, and the total compensation, pursuant to the fee schedule set forth in this Contract. Contractor may not perform Work until the County Task Order form has been executed by the parties. In the event a project authorized under the County Task Order extends beyond the expiration of this Contract, the County Task Order shall remain in effect under the terms of this Contract until the completion or expiration of the authorized task.

No task order shall modify or amend the terms and conditions of this Contract.

- 3. Consideration.** The District agrees to pay Contractor, from available and authorized funds, a sum not to exceed **one million dollars (\$1,000,000.00)** for accomplishing the Work required by this Contract. Because this is an on-call or as-needed contract, and the exact amount of Work needed, if any, is unknown, nothing herein shall be construed as a promise to pay Contractor the full \$1,000,000.00 authorized herein. Consideration rates are on a time and materials basis in accordance with the rates and costs specified in Exhibit A. If any interim payments to Contractor are made, such payments shall be made only in accordance with the schedule and requirements in Exhibit A.
- 4. Invoices and Payments.** Unless otherwise specified, Contractor shall submit monthly invoices for Work performed. Invoices shall describe all Work performed with particularity, by whom it was performed, and shall itemize and explain all expenses for which reimbursement is claimed. The invoices shall include the total amount billed to date by Contractor prior to the current invoice. If Contractor fails to present invoices in proper form within sixty (60) calendar days after the end of the month in which the services were rendered, Contractor waives any rights to present such invoice thereafter and to receive payment therefor. Payments shall be made in accordance with ORS 293.462 to Contractor following the District's review and approval of invoices submitted by Contractor. Contractor shall not submit invoices for, and the District will not be obligated to pay, any amount in excess of the maximum compensation amount set forth above. If this maximum compensation

amount is increased by amendment of this Contract, the amendment must be fully effective before Contractor performs Work subject to the amendment.

Invoices shall reference the above Contract Number and be submitted to: Wes-Payables@clackamas.us

5. Travel and Other Expense. Authorized: ☐ Yes ☒ No

If travel expense reimbursement is authorized in this Contract, such expense shall only be reimbursed at the rates in the Clackamas County Contractor Travel Reimbursement Policy, hereby incorporated by reference and found at: <https://www.clackamas.us/finance/terms.html>. Travel expense reimbursement is not in excess of the not to exceed consideration.

6. Contract Documents. This Contract consists of the following documents, which are listed in descending order of precedence and are attached and incorporated by reference, this Contract, Exhibit A, and Exhibit B. Unless explicitly agreed to by the parties in this Contract, any additional terms and conditions that may be contained in Exhibit A are void.

7. Contractor and District Contacts.

Contractor	District
Administrator: Adam Crafts, PE Phone: 503-225-9010 Email: adam.crafts@consoreng.com legal@consoreng.com	Administrator: TDB Phone: Email:

Payment information will be reported to the Internal Revenue Service (“IRS”) under the name and taxpayer ID number submitted. (See I.R.S. 1099 for additional instructions regarding taxpayer ID numbers.) Information not matching IRS records will subject Contractor payments to backup withholding.

ARTICLE II.

- 1. Access to Records.** Contractor shall maintain books, records, documents, and other evidence, in accordance with generally accepted accounting procedures and practices, sufficient to reflect properly all costs of whatever nature claimed to have been incurred and anticipated to be incurred in the performance of this Contract. District and their duly authorized representatives shall have access to the books, documents, papers, and records of Contractor, which are directly pertinent to this Contract for the purpose of making audit, examination, excerpts, and transcripts. Contractor shall maintain such books and records for a minimum of six (6) years, or such longer period as may be required by applicable law, following final payment and termination of this Contract, or until the conclusion of any audit, controversy or litigation arising out of or related to this Contract, whichever date is later.
- 2. Availability of Future Funds.** Any continuation or extension of this Contract after the end of the fiscal period in which it is written is contingent on a new appropriation for each succeeding fiscal period sufficient to continue to make payments under this Contract, as determined by the District in its sole administrative discretion.
- 3. Captions.** The captions or headings in this Contract are for convenience only and in no way define, limit, or describe the scope or intent of any provisions of this Contract.
- 4. Compliance with Applicable Law.** Contractor shall comply with all applicable federal, state and local laws, regulations, executive orders, and ordinances, as such may be amended from time to time.

5. **Counterparts.** This Contract may be executed in several counterparts (electronic or otherwise), each of which shall be an original, all of which shall constitute the same instrument.
6. **Governing Law.** This Contract, and all rights, obligations, and disputes arising out of it, shall be governed and construed in accordance with the laws of the State of Oregon and the ordinances of Clackamas County without regard to principles of conflicts of law. Any claim, action, or suit between District and Contractor that arises out of or relates to the performance of this Contract shall be brought and conducted solely and exclusively within the Circuit Court for Clackamas County, for the State of Oregon. Provided, however, that if any such claim, action, or suit may be brought in a federal forum, it shall be brought and conducted solely and exclusively within the United States District Court for the District of Oregon. In no event shall this section be construed as a waiver by the District of any form of defense or immunity, whether sovereign immunity, governmental immunity, immunity based on the Eleventh Amendment to the Constitution of the United States or otherwise, from any claim or from the jurisdiction of any court. Contractor, by execution of this Contract, hereby consents to the personal jurisdiction of the courts referenced in this section.
7. **Indemnity, Responsibility for Damages.** Contractor shall be responsible for all damage to property, injury to persons, and loss, expense, inconvenience, and delay which may be caused by, or result from, the negligent act, or omission, of Contractor, its subcontractors, agents, or employees. The Contractor agrees to indemnify and defend the District and Clackamas County, and their officers, elected officials, agents and employees from and against all claims, actions, losses, liabilities, including reasonable attorney and accounting fees, and all expenses incidental to the investigation and defense thereof, arising out of or based upon Contractor's negligent acts or omissions in performing under this Contract. Provided, however, that pursuant to ORS 30.140(4), Contractor's duty to defend obligations arising from or related to Contractor's professional negligence, or related to professional services provided by Contractor, are limited to reimbursement of reasonable defense costs (including reasonable attorney fees) of District and Clackamas County in an amount not to exceed the proportionate fault of Contractor, as determined by adjudication, alternative dispute resolution, or otherwise resolved by settlement agreement.
- However, neither Contractor nor any attorney engaged by Contractor shall defend the claim in the name of District or Clackamas County ("County"), purport to act as legal representative of District or County, or settle any claim on behalf of District or County, without the approval of the Clackamas County Counsel's Office. District or County may assume their own defense and settlement at their election and expense.
8. **Independent Contractor Status.** The service(s) to be rendered under this Contract are those of an independent contractor. Although the District reserves the right to determine (and modify) the delivery schedule for the Work to be performed and to evaluate the quality of the completed performance, District cannot and will not control the means or manner of Contractor's performance. Contractor is responsible for determining the appropriate means and manner of performing the Work. Contractor is not to be considered an agent or employee of District for any purpose, including, but not limited to: (A) The Contractor will be solely responsible for payment of any Federal or State taxes required as a result of this Contract; and (B) This Contract is not intended to entitle the Contractor to any benefits generally granted to District employees, including, but not limited to, vacation, holiday and sick leave, other leaves with pay, tenure, medical and dental coverage, life and disability insurance, overtime, Social Security, Workers' Compensation, unemployment compensation, or retirement benefits.
9. **Insurance.** Contractor shall secure at its own expense and keep in effect during the term of the performance under this Contract the insurance required and minimum coverage indicated below. The insurance requirements outlined below do not in any limit the amount of scope of liability of Contractor under this Contract. Contractor shall provide proof of said insurance and name the District

and Clackamas County as an additional insureds on all required commercial general liability and automobile liability policies. Proof of insurance and notice of any material change that does not meet the requirements of this agreement should be submitted to the following address: Clackamas County Procurement Division, 2051 Kaen Road, Oregon City, OR 97045 or the County Contract Analyst.

Required - Workers Compensation: Contractor shall comply with the statutory workers' compensation requirements in ORS 656.017, unless exempt under ORS 656.027 or 656.126.
☒ Required – Commercial General Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per claim, with an annual aggregate limit of \$2,000,000 for Bodily Injury and Property Damage.
☒ Required – Professional Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per occurrence, with an annual aggregate limit of \$2,000,000 for damages caused by error, omission or negligent acts.
☒ Required – Automobile Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per accident for Bodily Injury and Property Damage.

The commercial general liability and automobile liability policy(s) shall be primary insurance as respects to the District. Any insurance or self-insurance maintained by the District shall be excess and shall not contribute to it. Any obligation that District agree to a waiver of subrogation is hereby stricken.

- 10. Limitation of Liabilities.** This Contract is expressly subject to the debt limitation of Oregon counties set forth in Article XI, Section 10, of the Oregon Constitution, and is contingent upon funds being appropriated therefore. Any provisions herein which would conflict with law are deemed inoperative to that extent. Except for liability arising under or related to Article II, Section 13 or Section 20 neither party shall be liable for (i) any indirect, incidental, consequential or special damages under this Contract or (ii) any damages of any sort arising solely from the termination of this Contract in accordance with its terms.
- 11. Notices.** Except as otherwise provided in this Contract, any required notices between the parties shall be given in writing by personal delivery, email, or mailing the same, to the Contract Administrators identified in Article 1, Section 6. If notice is sent to District, a copy shall also be sent to: Clackamas County Procurement, 2051 Kaen Road, Oregon City, OR 97045. Any communication or notice so addressed and mailed shall be deemed to be given five (5) days after mailing, and immediately upon personal delivery, or within 2 hours after the email is sent during District's normal business hours (Monday – Thursday, 7:00 a.m. to 6:00 p.m.) (as recorded on the device from which the sender sent the email), unless the sender receives an automated message or other indication that the email has not been delivered.
- 12. Ownership of Work Product.** All work product of Contractor that results from this Contract (the "Work Product") is the exclusive property of District. District and Contractor intend that such Work Product be deemed "work made for hire" of which District shall be deemed the author. If for any reason the Work Product is not deemed "work made for hire," Contractor hereby irrevocably assigns to District all of its right, title, and interest in and to any and all of the Work Product, whether arising from copyright, patent, trademark or trade secret, or any other state or federal intellectual property law or doctrine. Contractor shall execute such further documents and instruments as District may reasonably request in order to fully vest such rights in District. Contractor forever waives any and all rights relating to the Work Product, including without limitation, any and all rights arising under 17 USC § 106A or any other rights of identification of authorship or rights of approval, restriction or limitation on use or subsequent modifications. Notwithstanding the above, District shall have no rights in any pre-existing Contractor intellectual property provided to District by Contractor in the performance of this Contract except to copy, use and re-use any such Contractor intellectual property

for District use only. Any reuse or modification of the Work Product without the prior written consent of Contractor shall be at the sole risk of District.

- 13. Representations and Warranties.** Contractor represents and warrants to District that (A) Contractor has the power and authority to enter into and perform this Contract; (B) this Contract, when executed and delivered, shall be a valid and binding obligation of Contractor enforceable in accordance with its terms; (C) Contractor shall at all times during the term of this Contract, be qualified, professionally competent, and duly licensed to perform the Work; (D) Contractor is an independent contractor as defined in ORS 670.600; and (E) the Work under this Contract shall be performed in accordance with the standard of professional skill and care required for a project of similar size, location, scope, and complexity, during the time in which the Work is being performed. The warranties set forth in this section are in addition to, and not in lieu of, any other warranties provided. The Contractor shall be responsible for the technical accuracy of its services and documents resulting therefrom, and District shall not be responsible for discovering deficiencies therein. The Contractor shall correct such deficiencies without additional compensation except to the extent such action is directly attributable to deficiencies in information furnished by the District.
- 14. Survival.** All rights and obligations shall cease upon termination or expiration of this Contract, except for the rights and obligations set forth in Article II, Sections 1, 6, 7, 10, 12, 13, 14, 15, 17, 20, 21, 25, 27, 28 and 32, and all other rights and obligations which by their context are intended to survive. However, such expiration shall not extinguish or prejudice the District's right to enforce this Contract with respect to: (a) any breach of a Contractor warranty; or (b) any default or defect in Contractor performance that has not been cured.
- 15. Severability.** If any term or provision of this Contract is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Contract did not contain the particular term or provision held to be invalid.
- 16. Subcontracts and Assignments.** Contractor shall not enter into any subcontracts for any of the Work required by this Contract, or assign or transfer any of its interest in this Contract by operation of law or otherwise, without obtaining prior written approval from the District. In addition to any provisions the District may require, Contractor shall include in any permitted subcontract under this Contract a requirement that the subcontractor be bound by this Article II, Sections 1, 7, 8, 13, 16, and 27 as if the subcontractor were the Contractor. District's consent to any subcontract shall not relieve Contractor of any of its duties or obligations under this Contract.
- 17. Successors in Interest.** The provisions of this Contract shall be binding upon and shall inure to the benefit of the parties hereto, and their respective authorized successors and assigns.
- 18. Tax Compliance Certification.** The Contractor shall comply with all federal, state and local laws, regulation, executive orders and ordinances applicable to this Contract. Contractor represents and warrants that it has complied, and will continue to comply throughout the duration of this Contract and any extensions, with all tax laws of this state or any political subdivision of this state, including but not limited to ORS 305.620 and ORS chapters 316, 317, and 318. Any violation of this section shall constitute a material breach of this Contract and shall entitle District to terminate this Contract, to pursue and recover any and all damages that arise from the breach and the termination of this Contract, and to pursue any or all of the remedies available under this Contract or applicable law.
- 19. Termination.** This Contract may be terminated for the following reasons: (A) by mutual agreement of the parties or by the District (i) for convenience upon thirty (30) days written notice to Contractor, or (ii) at any time the District fails to receive funding, appropriations, or other expenditure authority as solely determined by the District; or (B) if Contractor breaches any Contract provision or is

declared insolvent, District may terminate after thirty (30) days written notice with an opportunity to cure.

Upon receipt of written notice of termination from the District, Contractor shall immediately stop performance of the Work. Upon termination of this Contract, Contractor shall deliver to District all documents, Work Product, information, works-in-progress and other property that are or would be deliverables had the Contract Work been completed. Upon District's request, Contractor shall surrender to anyone District designates, all documents, research, objects or other tangible things needed to complete the Work.

- 20. Remedies.** If terminated by the District due to a breach by the Contractor, then the District shall have any remedy available to it in law or equity. If this Contract is terminated for any other reason, Contractor's sole remedy is payment for the goods and services delivered and accepted by the District, less any setoff to which the District is entitled.
- 21. No Third Party Beneficiaries.** District and Contractor are the only parties to this Contract and are the only parties entitled to enforce its terms. Nothing in this Contract gives, is intended to give, or shall be construed to give or provide any benefit or right, whether directly, indirectly or otherwise, to third persons unless such third persons are individually identified by name herein and expressly described as intended beneficiaries of the terms of this Contract.
- 22. Time is of the Essence.** Contractor agrees that time is of the essence in the performance this Contract.
- 23. Foreign Contractor.** If the Contractor is not domiciled in or registered to do business in the State of Oregon, Contractor shall promptly provide to the Oregon Department of Revenue and the Secretary of State, Corporate Division, all information required by those agencies relative to this Contract. The Contractor shall demonstrate its legal capacity to perform these services in the State of Oregon prior to entering into this Contract.
- 24. Force Majeure.** Neither District nor Contractor shall be held responsible for delay or default caused by events outside the District or Contractor's reasonable control including, but not limited to, fire, terrorism, riot, acts of God, or war. However, Contractor shall make all reasonable efforts to remove or eliminate such a cause of delay or default and shall upon the cessation of the cause, diligently pursue performance of its obligations under this Contract.
- 25. Waiver.** The failure of District to enforce any provision of this Contract shall not constitute a waiver by District of that or any other provision.
- 26. Public Contracting Requirements.** Pursuant to the public contracting requirements contained in Oregon Revised Statutes ("ORS") Chapter 279B.220 through 279B.235, Contractor shall:
 - a. Make payments promptly, as due, to all persons supplying to Contractor labor or materials for the prosecution of the work provided for in the Contract.
 - b. Pay all contributions or amounts due the Industrial Accident Fund from such Contractor or subcontractor incurred in the performance of the Contract.
 - c. Not permit any lien or claim to be filed or prosecuted against District on account of any labor or material furnished.
 - d. Pay the Department of Revenue all sums withheld from employees pursuant to ORS 316.167.
 - e. As applicable, the Contractor shall pay employees for work in accordance with ORS 279B.235, which is incorporated herein by this reference. The Contractor shall comply with the prohibitions set forth in ORS 652.220, compliance of which is a material element of this Contract, and failure to comply is a breach entitling District to terminate this Contract for cause.

- f. If the Work involves lawn and landscape maintenance, Contractor shall salvage, recycle, compost, or mulch yard waste material at an approved site, if feasible and cost effective.

27. No Attorney Fees. In the event any arbitration, action or proceeding, including any bankruptcy proceeding, is instituted to enforce any term of this Contract, each party shall be responsible for its own attorneys' fees and expenses.

28. Reserved.

29. Reserved.

30. Key Persons. Contractor acknowledges and agrees that a significant reason the District is entering into this Contract is because of the special qualifications of certain Key Persons set forth in the contract. Under this Contract, the District is engaging the expertise, experience, judgment, and personal attention of such Key Persons. Neither Contractor nor any of the Key Persons shall delegate performance of the management powers and responsibilities each such Key Person is required to provide under this Contract to any other employee or agent of the Contractor unless the District provides prior written consent to such delegation. Contractor shall not reassign or transfer a Key Person to other duties or positions such that the Key Person is no longer available to provide the District with such Key Person's services unless the District provides prior written consent to such reassignment or transfer.

31. Reserved.

32. Merger. THIS CONTRACT CONSTITUTES THE ENTIRE AGREEMENT BETWEEN THE PARTIES WITH RESPECT TO THE SUBJECT MATTER REFERENCED THEREIN. THERE ARE NO UNDERSTANDINGS, AGREEMENTS, OR REPRESENTATIONS, ORAL OR WRITTEN, NOT SPECIFIED HEREIN REGARDING THIS CONTRACT. NO AMENDMENT, CONSENT, OR WAIVER OF TERMS OF THIS CONTRACT SHALL BIND EITHER PARTY UNLESS IN WRITING AND SIGNED BY ALL PARTIES. ANY SUCH AMENDMENT, CONSENT, OR WAIVER SHALL BE EFFECTIVE ONLY IN THE SPECIFIC INSTANCE AND FOR THE SPECIFIC PURPOSE GIVEN. CONTRACTOR, BY THE SIGNATURE HERETO OF ITS AUTHORIZED REPRESENTATIVE, IS AN INDEPENDENT CONTRACTOR, ACKNOWLEDGES HAVING READ AND UNDERSTOOD THIS CONTRACT, AND CONTRACTOR AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS.

By their signatures below, the parties to this Contract agree to the terms, conditions, and content expressed herein.

Conсор North America, Inc.

Water Environment Services

DocuSigned by:

Brian M. Ginter, PE

Authorized Signature

Date

Signature

Date

Brian M. Ginter, PE

Senior Vice President

Name: _____

Name / Title (Printed)

Title: _____

146807-14

Oregon Business Registry #

Approved as to Form:

FLLC/Florida

Amanda Kella

6/30/2025

Entity Type / State of Formation

County Counsel

Date

EXHIBIT A
RFP 2025-01
Water Environment Services Engineering Master Contract
On-Call Engineering Services
Published January 27, 2025



CLACKAMAS
WATER
ENVIRONMENT
SERVICES



REQUEST FOR PROPOSALS #2025-01

FOR

**Water Environment Services Engineering Master Contract
On-Call Engineering Services**

BOARD OF COUNTY COMMISSIONERS

CRAIG ROBERTS, Chair

PAUL SAVAS, Commissioner

MELISSA FIRESIDE, Commissioner

MARTHA SCHRADER, Commissioner

BEN WEST, Commissioner

**Gary Schmidt
County Administrator**

**Ryan Rice
Contract Analyst**

PROPOSAL CLOSING DATE, TIME AND LOCATION

DATE: February 20, 2025

TIME: 2:00 PM, Pacific Time

PLACE: Email: <https://bidlocker.us/a/clackamascounty/BidLocker>

SCHEDULE

Request for Proposals Issued.....	January 27, 2025
Protest of Specifications Deadline.....	February 3, 2025, 5:00 PM, Pacific Time
Deadline to Submit Clarifying Questions.....	February 13, 2025, 5:00 PM, Pacific Time
Request for Proposals Closing Date and Time.....	February 20, 2025, 2:00 PM, Pacific Time
Deadline to Submit Protest of Award.....	Seven (7) days from the Intent to Award

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Section 2 – Instructions to Proposers
Section 3 – Scope of Work
Section 4 – Evaluation and Selection Criteria
Section 5 – Proposal Content (Including Proposal Certification)

SECTION 1 NOTICE OF REQUEST FOR PROPOSALS

Notice is hereby given that Water Environment Services (“WES”), through its Board of County Commissioners, will receive sealed Proposals per specifications until **2:00 PM, February 20, 2025** (“Closing”), to provide On-Call Engineering Services. No Proposals will be received or considered after that time.

RFP Documents can be downloaded from the state of Oregon procurement website (“OregonBuys”) at the following address <https://oregonbuys.gov/bsa/view/login/login.xhtml>, Document No. S-C01010-00012654.

Prospective Proposers will need to sign in to download the information and that information will be accumulated for a Plan Holder's List. Prospective Proposers are responsible for obtaining any Addenda, clarifying questions, and Notices of Award from OregonBuys. Sealed Proposals are to be emailed to <https://bidlocker.us/a/clackamascounty/BidLocker>.

Submitting Proposals: Bid Locker

Proposals will only be accepted electronically thru a secure online bid submission service, **Bid Locker**. *Email submissions to Clackamas County email addresses will no longer be accepted.*

- A. Completed proposal documents must arrive electronically via Bid Locker located at <https://bidlocker.us/a/clackamascounty/BidLocker>.
- B. Bid Locker will electronically document the date and time of all submissions. Completed documents must arrive by the deadline indicated in Section 1 or as modified by Addendum. **LATE PROPOSALS WILL NOT BE ACCEPTED.**
- C. Proposers must register and create a profile for their business with Bid Locker in order to submit for this project. It is free to register for Bid Locker.
- D. Proposers with further questions concerning Bid Locker may review the Vendor’s Guide located at <https://www.clackamas.us/how-to-bid-on-county-projects>.

Contact Information

Procurement Process and Technical Questions: Ryan Rice, rrice@clackamas.us

The Board of County Commissioners reserves the right to reject any and all Proposals not in compliance with all prescribed public bidding procedures and requirements, and may reject for good cause any and all Proposals upon the finding that it is in the public interest to do so and to waive any and all informalities in the public interest. In the award of the contract, the Board of County Commissioners will consider the element of time, will accept the Proposal or Proposals which in their estimation will best serve the interests of Clackamas County and will reserve the right to award the contract to the contractor whose Proposal shall be best for the public good.

Clackamas County encourages proposals from Minority, Women, and Emerging Small Businesses.

SECTION 2 INSTRUCTIONS TO PROPOSERS

Clackamas County (“County”) reserves the right to reject any and all Proposals received as a result of this RFP. County Local Contract Review Board Rules (“LCRB”) govern the procurement process for the County.

2.1 Modification or Withdrawal of Proposal: Any Proposal may be modified or withdrawn at any time prior to the Closing deadline, provided that a written request is received by the County Procurement Division Director, prior to the Closing. The withdrawal of a Proposal will not prejudice the right of a Proposer to submit a new Proposal.

2.2 Requests for Clarification and Requests for Change: Proposers may submit questions regarding the specifications of the RFP. Questions must be received in writing on or before 5:00 p.m. (Pacific Time), on the date indicated in the Schedule, at the Procurement Division address as listed in Section 1 of this RFP. Requests for changes must include the reason for the change and any proposed changes to the requirements. The purpose of this requirement is to permit County to correct, prior to the opening of Proposals, RFP terms or technical requirements that may be unlawful, improvident or which unjustifiably restrict competition. County will consider all requested changes and, if appropriate, amend the RFP. No oral or written instructions or information concerning this RFP from County managers, employees or agents to prospective Proposers shall bind County unless included in an Addendum to the RFP.

2.3 Protests of the RFP/Specifications: Protests must be in accordance with LCRB C-047-0730. Protests of Specifications must be received in writing on or before 5:00 p.m. (Pacific Time), on the date indicated in the Schedule, or within three (3) business days of issuance of any addendum, at the Procurement Division address listed in Section 1 of this RFP. Protests may not be faxed. Protests of the RFP specifications must include the reason for the protest and any proposed changes to the requirements.

2.4 Addenda: If any part of this RFP is changed, an addendum will be provided to Proposers that have provided an address to the Procurement Division for this procurement. It shall be Proposers responsibility to regularly check OregonBuys for any notices, published addenda, or response to clarifying questions.

2.5 Submission of Proposals: Proposals must be submitted in accordance with Section 5. All Proposals shall be legibly written in ink or typed and comply in all regards with the requirements of this RFP. Proposals that include orders or qualifications may be rejected as irregular. All Proposals must include a signature that affirms the Proposer’s intent to be bound by the Proposal (may be on cover letter, on the Proposal, or the Proposal Certification Form) shall be signed. If a Proposal is submitted by a firm or partnership, the name and address of the firm or partnership shall be shown, together with the names and addresses of the members. If the Proposal is submitted by a corporation, it shall be signed in the name of such corporation by an official who is authorized to bind the contractor. The Proposals will be considered by the County to be submitted in confidence and are not subject to public disclosure until the notice of intent to award has been issued.

No late Proposals will be accepted. Proposals submitted after the Closing will be considered late and will be returned unopened. Proposals may not be submitted by telephone or fax.

2.6 Post-Selection Review and Protest of Award: County will name the apparent successful Proposer in a Notice of Intent to Award published on OregonBuys. Identification of the apparent successful Proposer is procedural only and creates no right of the named Proposer to award of the contract. Competing Proposers shall be given seven (7) calendar days from the date on the Notice of Intent to Award to review the file at the Procurement Division office and file a written protest of award, pursuant to LCRB C-047-0740. Any award protest must be in writing and must be delivered by hand-delivery or mail to the address for the Procurement Division as listed in Section 1 of this RFP.

Only actual Proposers may protest if they believe they have been adversely affected because the Proposer would be eligible to be awarded the contract in the event the protest is successful. The basis of the written protest must

be in accordance with ORS 279B.410 and shall specify the grounds upon which the protest is based. In order to be an adversely affected Proposer with a right to submit a written protest, a Proposer must be next in line for award, i.e. the protester must claim that all higher rated Proposers are ineligible for award because they are non-responsive or non-responsible.

County will consider any protests received and:

- a. reject all protests and proceed with final evaluation of, and any allowed contract language negotiation with, the apparent successful Proposer and, pending the satisfactory outcome of this final evaluation and negotiation, enter into a contract with the named Proposer; OR
- b. sustain a meritorious protest(s) and reject the apparent successful Proposer as nonresponsive, if such Proposer is unable to demonstrate that its Proposal complied with all material requirements of the solicitation and Oregon public procurement law; thereafter, County may name a new apparent successful Proposer; OR
- c. reject all Proposals and cancel the procurement.

2.7 Acceptance of Contractual Requirements: Failure of the selected Proposer to execute a contract and deliver required insurance certificates within ten (10) calendar days after notification of an award may result in cancellation of the award. This time period may be extended at the option of County.

2.8 Public Records: Proposals are deemed confidential until the “Notice of Intent to Award” letter is issued. This RFP and one copy of each original Proposal received in response to it, together with copies of all documents pertaining to the award of a contract, will be kept and made a part of a file or record which will be open to public inspection. If a Proposal contains any information that is considered a **TRADE SECRET** under ORS 192.345(2), **SUCH INFORMATION MUST BE LISTED ON A SEPARATE SHEET CAPABLE OF SEPARATION FROM THE REMAINING PROPOSAL AND MUST BE CLEARLY MARKED WITH THE FOLLOWING LEGEND:**

“This information constitutes a trade secret under ORS 192.345(2), and shall not be disclosed except in accordance with the Oregon Public Records Law, ORS Chapter 192.”

The Oregon Public Records Law exempts from disclosure only bona fide trade secrets, and the exemption from disclosure applies only “unless the public interest requires disclosure in the particular instance” (ORS 192.345). Therefore, non-disclosure of documents, or any portion of a document submitted as part of a Proposal, may depend upon official or judicial determinations made pursuant to the Public Records Law.

2.9 Investigation of References: County reserves the right to investigate all references in addition to those supplied references and investigate past performance of any Proposer with respect to its successful performance of similar services, its compliance with specifications and contractual obligations, its completion or delivery of a project on schedule, its lawful payment of subcontractors and workers, and any other factor relevant to this RFP. County may postpone the award or the execution of the contract after the announcement of the apparent successful Proposer in order to complete its investigation.

2.10 RFP Proposal Preparation Costs and Other Costs: Proposer costs of developing the Proposal, cost of attendance at an interview (if requested by County), or any other costs are entirely the responsibility of the Proposer, and will not be reimbursed in any manner by County.

2.11 Clarification and Clarity: County reserves the right to seek clarification of each Proposal, or to make an award without further discussion of Proposals received. Therefore, it is important that each Proposal be submitted initially in the most complete, clear, and favorable manner possible.

2.12 Right to Reject Proposals: County reserves the right to reject any or all Proposals or to withdraw any item from the award, if such rejection or withdrawal would be in the public interest, as determined by County.

2.13 Cancellation: County reserves the right to cancel or postpone this RFP at any time or to award no contract.

2.14 Proposal Terms: All Proposals, including any price quotations, will be valid and firm through a period of one hundred and eighty (180) calendar days following the Closing date. County may require an extension of this firm offer period. Proposers will be required to agree to the longer time frame in order to be further considered in the procurement process.

2.15 Oral Presentations: At County's sole option, Proposers may be required to give an oral presentation of their Proposals to County, a process which would provide an opportunity for the Proposer to clarify or elaborate on the Proposal but will in no material way change Proposer's original Proposal. If the evaluating committee requests presentations, the Procurement Division will schedule the time and location for said presentation. Any costs of participating in such presentations will be borne solely by Proposer and will not be reimbursed by County. **Note:** Oral presentations are at the discretion of the evaluating committee and may not be conducted; therefore, **written Proposals should be complete.**

2.16 Usage: It is the intention of County to utilize the services of the successful Proposer(s) to provide services as outlined in the below Scope of Work.

2.17 Review for Responsiveness: Upon receipt of all Proposals, the Procurement Division or designee will determine the responsiveness of all Proposals before submitting them to the evaluation committee. If a Proposal is incomplete or non-responsive in significant part or in whole, it will be rejected and will not be submitted to the evaluation committee. County reserves the right to determine if an inadvertent error is solely clerical or is a minor informality which may be waived, and then to determine if an error is grounds for disqualifying a Proposal. The Proposer's contact person identified on the Proposal will be notified, identifying the reason(s) the Proposal is non-responsive. One copy of the Proposal will be archived and all others discarded.

2.18 RFP Incorporated into Contract: This RFP will become part of the Contract between County and the selected contractor(s). The contractor(s) will be bound to perform according to the terms of this RFP, their Proposal(s), and the terms of the Sample Contract.

2.19 Communication Blackout Period: Except as called for in this RFP, Proposers may not communicate with members of the Evaluation Committee or other County employees or representatives about the RFP during the procurement process until the apparent successful Proposer is selected, and all protests, if any, have been resolved. Communication in violation of this restriction may result in rejection of a Proposer.

2.20 Prohibition on Commissions and Subcontractors: County will contract directly with persons/entities capable of performing the requirements of this RFP. Contractors must be represented directly. Participation by brokers or commissioned agents will not be allowed during the Proposal process. Contractor shall not use subcontractors to perform the Work unless specifically pre-authorized in writing to do so by the County. Contractor represents that any employees assigned to perform the Work, and any authorized subcontractors performing the Work, are fully qualified to perform the tasks assigned to them, and shall perform the Work in a competent and professional manner. Contractor shall not be permitted to add on any fee or charge for subcontractor Work. Contractor shall provide, if requested, any documents relating to subcontractor's qualifications to perform required Work.

2.21 Ownership of Proposals: All Proposals in response to this RFP are the sole property of County, and subject to the provisions of ORS 192.410-192.505 (Public Records Act).

2.22 Clerical Errors in Awards: County reserves the right to correct inaccurate awards resulting from its clerical errors.

2.23 Rejection of Qualified Proposals: Proposals may be rejected in whole or in part if they attempt to limit or modify any of the terms, conditions, or specifications of the RFP or the Sample Contract.

2.24 Collusion: By responding, the Proposer states that the Proposal is not made in connection with any competing Proposer submitting a separate response to the RFP, and is in all aspects fair and without collusion or fraud. Proposer also certifies that no officer, agent, elected official, or employee of County has a pecuniary interest in this Proposal.

2.25 Evaluation Committee: Proposals will be evaluated by a committee consisting of representatives from County and potentially external representatives. County reserves the right to modify the Evaluation Committee make-up in its sole discretion.

2.26 Commencement of Work: The contractor shall commence no work until all insurance requirements have been met, the Protest of Awards deadline has been passed, any protest have been decided, a contract has been fully executed, and a Notice to Proceed has been issued by County.

2.27 Best and Final Offer: County may request best and final offers from those Proposers determined by County to be reasonably viable for contract award. However, County reserves the right to award a contract on the basis of initial Proposal received. Therefore, each Proposal should contain the Proposer's best terms from a price and technical standpoint. Following evaluation of the best and final offers, County may select for final contract negotiations/execution the offers that are most advantageous to County, considering cost and the evaluation criteria in this RFP.

2.28 Nondiscrimination: The successful Proposer agrees that, in performing the work called for by this RFP and in securing and supplying materials, contractor will not discriminate against any person on the basis of race, color, religious creed, political ideas, sex, age, marital status, sexual orientation, gender identity, veteran status, physical or mental handicap, national origin or ancestry, or any other class protected by applicable law.

2.29 Intergovernmental Cooperative Procurement Statement: Pursuant to ORS 279A and LCRB, other public agencies shall have the ability to purchase the awarded goods and services from the awarded contractor(s) under terms and conditions of the resultant contract. Any such purchases shall be between the contractor and the participating public agency and shall not impact the contractor's obligation to the County. Any estimated purchase volumes listed herein do not include other public agencies and County makes no guarantee as to their participation. Any Proposer, by written notification included with their Proposal, may decline to extend the prices and terms of this solicitation to any and/or all other public agencies. County grants to any and all public serving governmental agencies, authorization to purchase equivalent services or products described herein at the same submitted unit bid price, but only with the consent of the contractor awarded the contract by the County.

SECTION 3 SCOPE OF WORK

3.1. INTRODUCTION

Clackamas County on behalf of Clackamas Water Environment Services (“District”) is seeking Proposals from vendors to provide On-Call Engineering Services. This Contract is on an “on-call” or “as-needed basis” for work. When the District wishes Contractor to perform the Work, the District will submit an official County Task Order form (found at: <https://www.clackamas.us/finance/terms.html>) detailing the scope of work, the entity on whose behalf the Work will be performed, and the total compensation, pursuant to the fee schedule set forth in this contract. Contractor may not perform work until the County Task Order form has been executed by the parties. In the event a project authorized under the County Task Order extends beyond the expiration of this contract, the County Task Order shall remain in effect under the terms of this contract until the completion or expiration of the authorized task.

No task order shall modify or amend the terms and conditions of this contract.

Please direct all Technical/Specifications or Procurement Process Questions to the indicated representative referenced in the Notice of Request for Proposals and note the communication restriction outlined in Section 2.19.

3.2 BACKGROUND

Clackamas Water Environment Services (WES, District), an intergovernmental partnership formed pursuant to ORS 190, owns and operates over 340 miles of wastewater conveyance infrastructure and five wastewater treatment facilities serving more than 150,000 residents. WES operates and maintains this critical infrastructure in order to collect and treat waste and storm water. The engineering services resulting from this RFP will play a vital role in ensuring the continuous and safe operation of WES facilities, and ensure that WES goals are met as part of the adopted Capital Improvement Plan, Facility Plans, Sanitary Sewer System Master Plan, and Storm System Master Plan. Access to those plans can be found here: <https://www.clackamas.us/wes/wes-projects>.

3.3. SCOPE OF WORK

3.3.1. Scope:

Water Environment Services (District) wishes to select several consultants to provide services in one or more of the following categories:

SCOPE OF SERVICES

1) Wastewater Conveyance and Treatment Engineering

Wastewater engineering consultants to provide professional engineering services in support of projects involving the planning, design, and construction of wastewater treatment facilities, treatment processes, pump stations and force mains, gravity conveyance systems, and related facilities.

2) Water Resources Engineering

Water resources engineering to provide management, development, and conservation of water resources to ensure their sustainability and availability. It involves the design and implementation of systems for stormwater, water recovery, and sustainable watershed management.

3) Engineering Construction Services

Construction services to provide management and inspection of construction projects to ensure they are completed efficiently and safely. It involves overseeing the construction process, which includes, but is not limited to: project management, attending meetings on WES' behalf, review of work/inspection services, independent testing, survey, regulation compliance, contractor coordination, pay application support, substantial and final completion, RFI's, document management, and startup/commissioning.

4) Wastewater Process Engineering and Operational Support

Engineering services for wastewater treatment process engineering and operational support include providing expert consultation and technical assistance on an as-needed basis to optimize treatment processes and ensure compliance with regulatory requirements. Tasks may include evaluating plant performance, troubleshooting operational issues, developing process improvement strategies, preparing technical reports, and conducting data analysis to enhance efficiency and reliability. Additional responsibilities involve recommending equipment upgrades, reviewing and designing process modifications, and offering training to operational staff. The service provider must also be available to respond promptly to urgent operational challenges and collaborate with stakeholders to maintain continuous and effective treatment operations.

Firms may submit a Statement of Qualifications (SOQ) for one or all categories. WES will assess the submitted SOQs and select the most qualified firm(s) for each category. Each selected firm will enter into a Master Contract and will be eligible to provide services in support of WES tasks, initiatives and projects under the terms of the Contract. The specific work to be performed under these Master

Contracts will be defined, budgeted, and scheduled on a task-by-task basis through Task Order sub-agreements.

Interested firms must submit SOQs. A single SOQ is required for each category the consultant is applying. Each SOQ must apply to only one company; no "teaming" of companies is permitted.

WES may reject any SOQ not in compliance with all prescribed procedures and requirements, and may cancel this solicitation or reject, for good cause, any or all SOQs upon a finding that it is in the public's best interest to do so.

3.3.2. Term of Contract:

The term of the contract shall be from the effective date through **June 30, 2030**.

3.3.3. Sample Contract: Submission of a Proposal in response to this RFP indicates Proposer's willingness to enter into a contract containing substantially the same terms (including insurance requirements) of the sample contract identified below. No action or response to the sample contract is required under this RFP. Any objections to the sample contract terms should be raised

in accordance with Paragraphs 2.2 or 2.3 of this RFP, pertaining to requests for clarification or change or protest of the RFP/specifications, and as otherwise provided for in this RFP. This RFP and all supplemental information in response to this RFP will be a binding part of the final contract.

The applicable Sample Personal Services Contract for this RFP can be found at <https://www.clackamas.us/finance/terms.html>.

Personal Services Contract (unless checked, item does not apply)

The following paragraphs of the Professional Services Contract will be applicable:

- ☐ Article I, Paragraph 5 – Travel and Other Expense is Authorized
- ☐ Article II, Paragraph 27 – Confidentiality
- ☐ Article II, Paragraph 28 – Criminal Background Check Requirements
- ☒ Article II, Paragraph 29 – Key Persons
- ☒ Exhibit A – On-Call Provision

The following insurance requirements will be applicable:

- ☒ Commercial General Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per occurrence, with an annual aggregate limit of \$2,000,000 for Bodily Injury and Property Damage.
- ☒ Professional Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per occurrence, with an annual aggregate limit of \$2,000,000 for damages caused by error, omission or negligent acts.
- ☒ Automobile Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per occurrence for Bodily Injury and Property Damage.
- ☐ Cyber Liability: combined single limit, or the equivalent, of not less than \$1,000,000 per occurrence for network security (including data breach), privacy, interruption of business, media liability, and errors and omissions

Additional Personal Services Contract Terms:

Max Multiplier: 3.15

Rate Cap: \$260.00

Technical Expert: Negotiated.

Subcontractor Markup: 5%

Expenses Markup: 0%

Accounting, Technology and Safety program charges are considered to be business expenses and included in the multiplier.

SECTION 4 EVALUATION PROCEDURE

- 4.1** An evaluation committee will review all Proposals that are initially deemed responsive and they shall rank the Proposals in accordance with the below criteria. The evaluation committee may recommend an award based solely on the written responses or may request Proposal interviews/presentations. Interviews/presentations, if deemed beneficial by the evaluation committee, will consist of the highest scoring Proposers. The invited Proposers will be notified of the time, place, and format of the interview/presentation. Based on the interview/presentation, the evaluation committee may revise their scoring.

Written Proposals must be complete and no additions, deletions, or substitutions will be permitted during the interview/presentation (if any). The evaluation committee will recommend award of a contract to the final County decision maker based on the highest scoring Proposal. The County decision maker reserves the right to accept the recommendation, award to a different Proposer, or reject all Proposals and cancel the RFP.

Proposers are not permitted to directly communicate with any member of the evaluation committee during the evaluation process. All communication will be facilitated through the Procurement representative.

4.2 Evaluation Criteria

Category	Points available:
Firm Resources	0-10
Local Experience	0-35
Project Team	0-40
Approach	0-15
Available points	0-100

- 4.3** Once a selection has been made, the Proposer will be required to submit its proposed fees for completion of the project. The proposed fees must be on a time and material basis with a not to exceed for each phase of the work. The proposed fees must be reasonable and fair to the County, as determined solely by the County.

During negotiation, the County may require any additional information it deems necessary to clarify the approach and understanding of the requested services. Any changes agreed upon during contract negotiations will become part of the final contract. The negotiations will identify a level of work and associated fee that best represents the efforts required. If the County is unable to come to terms with the highest scoring Proposer, negotiations shall be terminated and negotiations will begin with the next highest scoring Proposer. If the resulting contract contemplates multiple phases and the County deems it is in its interest to not authorize any particular phase, it reserves the right to return to this solicitation and commence negotiations with the next highest ranked Proposer to complete the remaining phases.

SECTION 5 PROPOSAL CONTENTS

5.1. Vendors must observe submission instructions and be advised as follows:

5.1.1. Complete Proposals must be emailed to <https://bidlocker.us/a/clackamascounty/BidLocker>. The subject line of the email must identify the RFP title. Proposers are encouraged to contact Procurement to confirm receipt of the Proposal.

5.1.2. County reserves the right to solicit additional information or Proposal clarification from the vendors, or any one vendor, should the County deem such information necessary.

5.1.3. The Proposal's Statements of Qualifications (SOQ) consists of the proposer's Firm Resources, Local Experience, Project Team, and Approach, as defined below in sections 5.3, 5.4, 5.5 and 5.6 respectively. To maintain the fairness and integrity of the selection process, limit the entire SOQ to the following page limit requirements:

- Limit entire SOQ for each category to 10 pages (five double-sided sheets of paper).
- Use 8 ½ x 11 paper size, in a minimum of 12 pt. font, with one-inch margins.
- Blank pages, cover letter, section separators, resumes, and the Proposal Certification do not count towards the SOQ page limit.

Provide the following information in the order in which it appears below:

5.2. Introduction:

- a. Indicate the complete legal name, address, and telephone numbers (voice and fax) of your company.
- b. Provide the name and telephone number of the contact person for your SOQ.
- c. Provide the name and title of the person who is legally authorized to sign the Master Contract, if it is awarded to your firm.
- d. State that your SOQ will be valid for a period of ninety days.
- e. State the categories covered by the SOQ.

5.3. Firm Resources (10 Points):

Provide a profile of your firm and the firm-wide resources that will be available to support the performance of the work. Provide the firm's length of time in business, number of employees, and the locations of key offices supporting the project. Describe the firm's overall experience with providing professional services. Provide a brief profile of the firm and available firm resources.

5.4. Local Experience (35 Points):

Describe your company's local (Pacific Northwest Region) experience in performing the services you are proposing. Describe similar services your company has performed for a minimum of three local customers in the past five years and include the names and telephone numbers for contact persons for each of these customers. District will use the information required in this paragraph, along with the District's prior experience with the consultant, to evaluate the Local Experience selection criterion.

5.5. Project Team (40 Points):

Describe your proposed team's capability to perform the services within the category. Include the number of employees who are available to perform the work and their qualifications and level of expertise. Describe any specialized equipment or software your company owns that would be used in performing the work. Describe

specific skills and experience of key staff that provide the professional services outlined in the categories section of the RFP. Provide resumes for key staff that will have responsibility for the work. (The resumes should be included in the Appendix.) List any licenses, certifications or accreditations your company or staff holds that are relevant to the services to be performed.

5.6. Approach (15 Points)

Describe your company's approach to providing the on-call services. Describe how projects will be managed. WES will use the information required in this paragraph to evaluate the "Approach" selection criterion.

5.7 Appendices

Include resumes for staff that will be responsible for performing the proposed services, up to 12 pages in this appendix.

5.8 Completed Proposal Certification (see the below form).

EXHIBIT B
CONTRACTOR'S PROPOSAL



CLACKAMAS COUNTY WATER ENVIRONMENT SERVICES

On-Call Engineering Services: Wastewater Conveyance and Treatment Engineering

RFP No. 2025-01 | February 20, 2025

5.2 Introduction

February 20, 2025

Clackamas County Water Environment Services (WES, District)

RE: Category 1 – Wastewater Conveyance and Treatment Engineering

Dear Selection Committee Members,

Conсор is pleased to submit our Statement of Qualifications for Clackamas WES' On-call Services. We have been partnering with the District to deliver wastewater conveyance engineering projects since 2017 and have worked on design improvements for 15 pump stations and force mains within the service area. We want to expand our services to include wastewater treatment engineering and have a dedicated local staff of engineers available.

Our team has extensive experience in wastewater conveyance and treatment engineering projects with many peer agencies in the region, many of whom we maintain on-call contracts for engineering services. These include Clean Water Services, City of Oregon City, City of Wilsonville, and Clark Regional Wastewater District, among others. We will bring ideas and solutions from our collaboration with these clients for WES when it is facing similar challenges.

With a dedicated staff of over 275 local and regional staff and 1,750 staff nation wide, Conсор offers the depth of resources combined with local experts WES knows and trusts. This includes Adam Crafts as the Contracts Manager, and Eddie Kreipe, Mike Carr, and Brendan O'Sullivan as project managers, all of whom are proven with Clackamas WES. These leaders will work hard to make sure that WES's and the project goals are met.

We look forward to the opportunity to continue serving WES and contributing to the success of your projects. Please feel free to contact me if you have any questions or require additional information.

Thank you for your time and consideration. We appreciate the opportunity to be your trusted engineering partner.

Sincerely,
Conсор



Adam Crafts, PE, *Contract Manager*
503.546.0322 | Adam.Crafts@consoreng.com



Conсор North America, Inc.

1 SW Columbia
Street, Suite 1700
Portland, Oregon
97204

p: 503.225.9010

f: N/A

Primary Contact

Adam Crafts, PE
503.546.0322

Authorized Representative

Adam Crafts, PE
Principal Engineer

Statement of Validity

Our SOQ will be
valid for a period of
90 days.

Category

Category 1:
Wastewater
Conveyance
and Treatment
Engineering

5.3 Firm Resources



A North American wastewater and water resources firm focused on going above, below, and beyond the surface to move people and communities forward.

Members of our engineering team at Consor have been working together with Clackamas WES since 2019. We have proven our capabilities in water, wastewater, stormwater, and modeling and planning services. Consor currently operates with a total staff of over 275 across nine offices in Oregon and Washington, and over 1,750 total staff across North America. In more than 40 years of business, Consor has completed over 1,200 water/wastewater infrastructure projects for roughly 200 public agencies across the Northwest. This knowledge, combined with our team's experience working with Clackamas WES, means we can provide responsive and consistent service from day one.

Consor provides full-service wastewater conveyance and treatment engineering and takes great pride in providing optimal value in the delivery of our client's investments. Our range of services include project management, design, permitting, and construction management services for wastewater pump stations, treatment facilities, and gravity sewers and force mains. Consor's experts seamlessly integrate into any team to successfully construct critical wastewater conveyance and treatment projects on schedule and on budget.



Adam Crafts, PE
Contracts
Manager
Category Lead



Mike Carr, PE



Eddie Kreipe, PE



Brendan
O'Sullivan, PE



Austin
Rambin, PE



Frederick
Tack, PE

Project Managers

Our core team of project managers have a diverse range of expertise and have worked together to serve clients up and down the West Coast. We are a technically strong, cohesive team with a long history of tackling project challenges like yours.

5.4 Local On-Call Contract Experience

CLARK REGIONAL WASTEWATER DISTRICT, WA



REFERENCE

Vanessa Johnson,
*PE, Capital Program
Manager*
360.993.8818

SERVICES FOR THIS CLIENT:

Planning and design services for wastewater conveyance system improvements. This includes condition assessment, alternatives analysis, preliminary design, detailed design, and construction phase services for gravity sewers and pump stations.

Discovery Corridor Wastewater Transmission System Phase 2

The DCWA identified multiple improvements at their Pioneer Canyon, Neil Kimsey, and Legacy Pump Stations as part of DCWA's expansion program. Our Contract Manager, Adam Crafts, led and coordinated Consor's technical team, oversaw expansion improvements, and authored the predesign reports. Eddie Kriepe supported Adam as the pump station design manager, solving expansion timing for each pump station and incorporating the dual force main system. Adam's team used pump station data to establish peaking factors to extrapolate when average daily flow conditions may begin triggering peak flow events requiring expansion. Adam's team collaborated with plant operations staff to determine the operating conditions and cycle of the force mains to keep sewage from getting septic.

Cougar Creek Trunk Repair

Brendan O'Sullivan led the condition assessment of the Cougar Creek trunk sewer, serving as the Engineer of Record for the alternatives analysis and preliminary and final design. Brendan identified sewer segments with a high risk of potential failure through a PACP evaluation. The steep topography of Cougar Canyon and the lack of maintained access trails to the sewer presented construction, operational, and maintenance challenges. The design phase included evaluating trenchless rehabilitation methods, access plan development, and environmental permitting. Based on the project goals, site constraints, and desire to minimize permitting requirements to expedite the schedule, Brendan led the project team through the decision-making process to select Ultra-Violet (UV) cured Cured-in-Place Pipe (CIPP) as the chosen rehabilitation technology was utilized for the project.

Gee Creek Facilities Upgrade Predesign

Adam Crafts completed the alternatives analysis and conceptual design for the Gee Creek pump stations. DCWA plans to abandon the treatment plant and redirect flow through the two pump stations pumping in series to the Discovery Corridor Wastewater Transmission System. The alternatives analysis concluded that one pump station would be a retrofit, one an expansion, and the last as a new pump station. The challenges of this project included site planning limitations due to environmental buffers, city trail access needs, and the need to maintain the existing pump station during construction. Consor led the preliminary design planning and development of the Gee Creek Meadows site plan alternatives, force main alternatives routing and construction phasing plan.



CLEAN WATER SERVICES, OR



REFERENCE

Jeff Hart, PE,
Principal Engineer
503.547.8187

SERVICES FOR THIS CLIENT:

Planning and design services for wastewater conveyance system improvements. This includes condition assessment, alternatives analysis, preliminary design, detailed design, and construction phase services for gravity sewers, pump stations, and treatment facilities.

Dawson Creek Interceptor Improvements

Large industrial sanitary system discharges began causing air entrainment issues with the Dawson Pump Station and force main system, reducing capacity and increasing risk of overflows. Mike Carr served as the Consor Project Manager and led the alternatives analysis to identify the least-cost solution to divert industrial flows around the pump station into the existing gravity trunk sewer. Mike led the design of the two upstream diversions to reroute upstream domestic flows into the west 42-inch diameter interceptor, and industrial flows into the east 42-inch interceptor. The existing pump station inlet structure was reconstructed to meter industrial flows downstream via gravity using an automated sluice gate. To preserve system capacity for all flows, a passive side-stream weir was installed to allow excess industrial flows to bypass to the pump station when downstream capacity was restricted.

River Terrace South Pump Station

Mike Carr and Eddie Kreipe designed this 3.7-mgd pump station, two miles of 16-inch diameter force main, and one mile of 24-inch gravity sewer. The project diverted flows from another pump station that lacked capacity to serve the projected growth. Mike oversaw the extensive coordination with the adjacent County roadway projects along SW Roy Rogers and Beef Bend Roads and a downstream CWS trunk sewer project on Beef Bend to verify complete operational compatibility and efficient construction. Multiple auger bore trenchless crossings of jurisdictional culverts along Beef Bend Road were required as well. Mike and Eddie continued to provide construction management services to assist the District with the successful construction and commissioning of the new assets.

Durham Wastewater Treatment Plant Heat Exchanger Improvements

Austin Rambin oversaw the management and design of the two related projects at the Durham plant. The Primary Sludge Heating project included designing and installing a heat exchanger to raise the temperature of primary sludge, enhancing biological phosphorus removal in the UFAT process. The Hot Water Loop Expansion project upgraded 2,600 feet of hot water loop piping in the system serving the Filter Tunnels and Solids Building by combining two existing loops into a single lead/lag pump configuration with variable frequency drives. This project incorporated LiDAR scans to build a 3D model that visualized the component configuration and provided a better understanding for the plant engineers and operators to interact with the design.



OAK LODGE WATER SERVICES, OR

Solids Piping Upgrades & Aeration Blower and Baffle Improvements

Austin Rambin served as technical advisor and project manager for the Oak Lodge Water Service's (OLWS) Reclamation Facility's aeration basin and process cooling system evaluation and condition assessment. Austin's team prepared contract documents for solid waste transfer piping through tight spacing, requiring a 3D model to take specific measurements to install new tees and fittings. A related aeration blower and baffle improvement design included a new baffle wall and a new blower in the basin, which is oversized, making it difficult to dial in the dissolved oxygen. Process modeling showed that a baffle wall, while effective, was not necessary with the proper blower configuration. Austin was the engineer of record for the project and worked with OLWS staff, who managed the construction.



Secondary Clarifier Rehabilitation Project

Conсор's team, led by Austin Rambin, recently completed the final design for replacing aging clarifier equipment, failing FRP stairs, and two PLC panels at the OLWS Water Reclamation Facility's four clarifiers. Replaced equipment, including launders, drives, center wells, sludge header assemblies, scum beaches, and rotating walkways to make all four clarifiers match. Austin designed new cast-in-place concrete launders to replace the failing FRP components, new clarifier equipment, new fixed access bridges, and concrete walkways around the perimeter for operator access. Plant staff requested that all the existing clarifiers match, which was difficult due to the site layout and adjacent access road, which required 3D modeling to support the space-limited design. Another project challenge included the electrical room full of antiquated and decommissioned equipment that had not yet been removed. To remove this old equipment, project staff had to trace the wires, determine which conductors and I/O needed to remain, and build them into the new design. Austin's team worked with plant staff to work through design challenges and preferences to design a project specific to OLWS project goals.

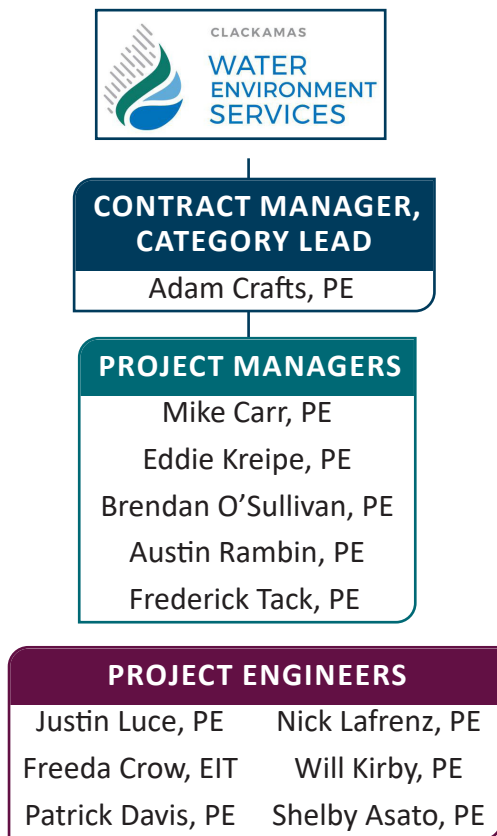
REFERENCE

Haakon Ogbeide, PE,
Project Manager
971.803.2955

SERVICES FOR THIS CLIENT:

Planning and design services for improvements to various treatment processes at the treatment plant.

5.5 Project Team



Conсор is committing a team of experienced local staff to perform the work outlined in the RFP as shown in this organizational chart. This team will be further supported by 275 professionals across the Northwest, providing the expertise and resources needed for the successful delivery of this on-call.

Our History with Clackamas Water Environment Service

Conсор has partnered with the District since 2016, beginning with the Sanitary Sewer Master Plan update. We launched pump station rehabilitation efforts in 2017 with the Arrah Wanna Pump Station and WRRF Improvements, followed by the ongoing Multiple Pump Station Rehabilitation project, enhancing 15 stations across the service area. Our work includes the completed IT2 Pump Station and Force Main expansion design and the ongoing Willamette Pump Station and Force Main design. Through these projects, we've established design and operational standards for consistency across upgraded stations. Our close collaboration with District engineering and operations staff has fostered strong relationships built on trust and respect, elevating us beyond a typical contractor role. We take pride in our partnership with WES and remain committed to its success.



ADAM CRAFTS, PE Contract Manager, Category Lead

22 Years | **License:** Professional Engineer | **Education:** BS, Environmental Engineering, Oregon State University | **Skills:** Pump Stations, Wastewater Collection Systems, Project Management, Trenchless Design

Adam has over two decades of local experience planning and designing municipal wastewater and water pump stations, hydraulic structures, conveyance pipes, and gravity sewers. At Conсор, Adam has served as PM for over 20 pump station upgrade projects, including the WES Multiple PS Rehab projects, Arrah Wanna Pump Station, Memorial Park PS for the City of Wilsonville, Marylhurst PS for the City of Lake Oswego, Legacy Pump Station and Force Main Improvements for Clark Regional Wastewater District, and 105th and Marx PS for the City of Portland Bureau of Environmental Services. Adam's active roles in project management and design development have allowed him to successfully manage on-call contracts for City of Oregon City and Clark Regional Wastewater District that navigate similar project challenges to those facing Clackamas WES.

Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2; Clark Regional Wastewater District, WA; Project Manager. • **Gee Creek Meadows Force Main Routing;** Clark Regional Wastewater District, WA; Project Engineer. • **WWTP Improvements Phase 1;** City of Scappoose, OR; Project Engineer.

MIKE CARR, PE [Project Manager](#)

32 Years | **License:** Professional Engineer | **Education:** BS, Civil Engineering, San Jose State University | **Skills:** Pump Station Design & Assessment; Wastewater System Planning; Wastewater Treatment, Facilities Retrofits & Rehabilitation; Conveyance System Planning & Design

Mike is a key Consor principal engineer with over 32 years of experience in a wide range of municipal wastewater, stormwater, water, and transportation projects. Mike is currently managing WES' Intertie 2 Diversion Facilities Expansion Project and served as Principal-in-Charge and technical advisor on WES' multi-year pump station rehabilitation project. His expertise includes master planning, condition assessment, upgrades to and rehabilitation of existing facilities, and design of new facilities.

Intertie 2 Diversion Facilities Expansion Project; WES, OR; Project Manager. • **Gee Creek Plateau PS Siting;** Clark Regional Wastewater District, WA; Opportunity Support. • **Dawson Creek Interceptor Improvements, Clean Water Services, OR;** Project Manager. • **River Terrace South Pump Station Predesign;** Clean Water Services, OR; Project Manager.



EDDIE KREIPE, PE [Project Manager](#)

17 Years | **License:** Professional Engineer | **Education:** BS, Civil Engineering, Portland State University | **Skills:** Wastewater Pump Stations- Rehab & New, Force Main and Gravity Sewer Pipelines

Eddie has a broad range of wastewater technical experience, including pump station, force main, gravity sewer, and stormwater design. Eddie has been the design engineer on numerous projects that involved pump station rehabilitation, relocation, and decommissioning, including for Clean Water Services and the City of Oregon City. Many of these pump station upgrade and improvement projects included condition assessment during pre-design phases to determine what existing infrastructure can be re-used, while also increasing the station's reliability and redundancy, and reducing construction risk and cost.

Intertie 2 Diversion Facilities Expansion Project; WES, OR; Deputy Project Manager. • **Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2;** Clark Regional Wastewater District, WA; Project Engineer. • **North Hillsboro Pump Station,** Clean Water Services, Oregon; Project Engineer. • **River Terrace South Pump Station and Force Main and Roy Rogers Trunk Sewer;** Clean Water Services, Oregon; Project Engineer.



BRENDAN O'SULLIVAN, PE [Project Manager](#)

20 Years | **License:** Professional Engineer | **Education:** BS, Civil Engineering, University of Portland | **Skills:** Trenchless Design, Collection Systems, Rehab & Assessment

An expert in sewer rehabilitation projects involving trenchless methods, Brendan is an excellent resource for design and constructability. He has served in a variety of design, construction administration, and trenchless technical lead roles on large and small diameter sanitary and storm sewers. As engineer of Record for the design of more than 750,000 linear feet of sewer rehabilitation, Brendan brings lessons learned and best practices to each of his projects.

Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2; Clark Regional Wastewater District, WA; Technical Advisor. • **Cougar Creek Trunk Repair;** Clark Regional Wastewater District, WA; Project Manager. • **North Hillsboro Industrial Pump Station Force Main and Gravity Sewer;** Clean Water Services, OR; Technical Advisor.



AUSTIN RAMBIN, PE Project Manager

25 Years | **License:** Professional Engineer | **Education:** BS, Civil Engineering Technology, Southern Polytechnic State University | **Skills:** Wastewater Facilities Planning; Treatment Plant Planning & Design

Austin has over 20 years of experience in a broad range of municipal projects including water, wastewater, and stormwater. An expert in value engineering, he works with clients and contractors to develop solutions that meet budgetary limitations. Austin has completed wastewater facility projects for Oak Lodge Water Services, Clackamas WES, Clean Water Services, Woodburn, Scappoose, and several other regional clients. He has prepared antidegradation reports to support new permits and mass load increases for existing NPDES permits; has assisted municipalities operating under MAOs; and regularly follows the Oregon Association of Clean Water Agencies (ORACWA) Water Quality Committee and Residuals & Biosolids Committee to keep abreast of upcoming regulatory requirements.

North Hillsboro Industrial Pump Station Conceptual Design; Clean Water Services, OR; Project Engineer. • **Durham Primary Sludge Heating Project - Services During Construction;** Clean Water Services, OR; Project Manager. • **Aeration Blower and Baffle Project Final Design;** Oak Lodge Water Services, OR; Project Manager



FREDERICK TACK, PE, ENV SP, BC. WRE Project Manager

23 Years | **License:** Professional Engineer | **Education:** MS; Civil, Environmental & Sustainable Engineering, Arizona State University | **Skills:** Wastewater Treatment, Operations, & Maintenance

Frederick has over two decades of experience focused on the planning, design, and operations of water and wastewater treatment facilities. His responsibilities include supporting the technical vision, goals, and objectives set early in the project; providing the technical direction for assessment and evaluation; and supporting the resiliency strategy development and execution throughout the project. Also, as a certified operator, he has led the day-to-day operations, maintenance, compliance, and optimization of public and private water and wastewater treatment facilities. He understands the daily challenges and how to best accommodate those in planning and management.

Wickenburg Ranch WRF Program Management & Operator of Record; Town of Wickenburg, AZ; Project Manager. • **Wastewater Facilities Master Plan Update & Rate Study;** City of Woodburn, OR; Technical Lead. • **Plant 3AWRP Capital Improvements & Process Analysis;** Moulton Niguel Water District, CA; Technical Lead.



JUSTIN LUCE, PE Project Manager

16 Years | **License:** Professional Engineer | **Education:** BS, Civil Engineering, Portland State University | **Skills:** Force Main & Pipeline Design, Trenchless Design

Justin has expertise in pressure pipeline design, air release design, and corrosion protection details. Justin is the lead designer for the WES' 30-inch IT2 force main project that is currently under construction. He also provided technical advisory services for the Gladstone force main connection to the existing concrete cylinder pipe. He has extensive experience designing challenging projects in constricted urban corridors.

Intertie 2 Pump Station and Force Main Project; WES OR; Lead Design Engineer. • **River Terrace South Pump Station and Force Main, Clean Water Services;** Lead Design Engineer. • **Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2;** Clark Regional Wastewater District, Washington; Design Engineer.



FREEDA CROW, EIT Project Designer

06 Years | **License:** Engineer in Training | **Education:** BS, Civil Engineering, Oregon State University | **Skills:** Sewage Pump Station Design, Wastewater Treatment Plant Planning & Design; Gravity Sewer & Force Mains

Freeda is an engineering designer with recent pump station and piping design and field construction inspection experience. She has worked with the proposed core team on nearly ten pump station and pipeline projects in and around Clackamas County.

Intertie 2 Pump Station and Force Main Expansion; WES; Project Engineer. • **Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2;** Clark Regional Wastewater District, WA; Project Engineer.



PATRICK DAVIS, PE Project Engineer

12 Years | **License:** Professional Engineer | **Education:** MS, Civil and Environmental Engineering, Portland State University | **Skills:** Wastewater Pump Station Design; WWTP Facility Planning; Odor Control

Patrick has worked on the design and implementation of wastewater pump stations in several locations around Oregon and Washington. He has experience drafting utility realignment, and he enjoys working face-to-face with clients to provide the best outcome for all parties. His amicable demeanor and steadfast attention to detail make him a valuable member of any team.

River Terrace South Pump Station and Force Main and Roy Rogers Trunk Sewer; CWS, OR; Engineering Designer. • **North Hillsboro Industrial Pump Station Conceptual Design;** Clean Water Services, OR; Engineering Designer.



NICK LAFRENZ, PE Project Engineer

07 Years | **License:** Professional Engineer | **Education:** BS, Civil Engineer, Portland State University | **Skills:** Wastewater Pump Station Design & Evaluation

Nick has worked on the design and implementation of wastewater pump stations for numerous agencies, including the cities of Bend, Lake Oswego, Wilsonville, Troutdale and Clean Water Services (CWS). He has been heavily involved in both the site development, mechanical design, and construction of pump stations. He also has experience with designing force main pipelines for both traditional and trenchless construction methods.

Willamette Pump Station and Force Main Replacement; WES, OR; Project Engineer. • **NE 92nd Ave Pump Station;** Battle Ground, WA; Project Engineer.



WILL KIRBY, PE Project Engineer

09 Years | **License:** Professional Engineer | **Education:** BS, Civil Engineering, University of Idaho | **Skills:** Lift Station Design; Force Main Design; Gravity Sewer Design; Wastewater Treatment Facility Process Design; Pump Station Design

Will has a broad range of experience with utility and treatment projects, including lift station design, force main design, gravity sewer design, wastewater treatment facility process design, and pump station design. Will's range of experience goes from planning level analyses, through design, and through construction of the facilities. Beyond analysis and design, Will has extensive experience with assembling and administration of Contract Documents.

Wastewater Treatment Plant Improvements; City of Pasco, WA; Deputy Project Manager. • **Wastewater Treatment Plant Aeration Basin Retrofit;** City of Richland, WA; Project Engineer.



SHELBY ASATO, PE Project Engineer

11 Years | **License:** Professional Engineer | **Education:** BA, Civil and Environmental Engineering, University of Washington | **Skills:** Facilities Planning, Pump Stations, Lift Stations, Conveyance Design

Shelby works on wastewater infrastructure projects for municipalities in throughout the West. She has experience with sewer collection planning, pump station design, asset management, and site planning. Shelby has also served as the design engineer and project manager for pipeline replacement projects in the region. She produced contract documents and provided engineering support services during bidding and construction.

Bangor-Keyport Force Main; Kitsap County, WA; Project Engineer. • **Wastewater Pump Station Evaluation, Phase 2;** City of Bellevue, WA; Project Engineer.



Specialized Equipment and Software

Conсор maintains high-quality computer hardware and software systems to fully support all firm-wide and project-related functions. Some of our key technical software includes InfoSWMM, MIKE+, TRUST, HydroCAD, AutoCAD Civil 3D, and Arc GIS among dozens of other industry leading programs. Our staff receives annual training and attends software related conferences. Our IT department has programmers that use POWER BI to develop asset management applications tailored for remote data collection, cloud data storage, and integration with ArcGIS.

5.6 Approach

Conсор is a multi-disciplinary engineering firm with a strong history working with communities in Oregon and throughout the Pacific Northwest. We maintain several on-call contracts with many peer agencies to WES that are consistently renewed year after year, including Clean Water Services, the City of Wilsonville, Clark Regional Wastewater District, and the City of Oregon City. Our approach to successful delivery on on-call contracts is founded on responsive client service, team continuity and collaboration, creative and practical solutions, and Quality Management.

Responsive Client Service

For on-call contracts, we aim to respond to an initial project request within 24 hours and have a work plan and schedule ready within five days, depending on the complexity of the Task. Adam will take initial inquiries, identify the appropriate technical staff, provide leadership and communication to develop a scope and fee, then act as the principal to verify we are moving things forward.

We work to bring value to the assignment by efficiently developing the desired work program that meets budget constraints and is executed in a timely manner.

Team Continuity & Collaboration

As a relationship-focused firm, we strive to maintain consistency in staffing on projects and build teamwork with our clients to create project efficiency. Our project managers (PMs) were selected based on their experience with on-call assignments, familiarity with Clackamas WES, and broad level of technical expertise. To assist our PMs, we propose several key staff engineers who have experience and expertise in the subject matter, have experience working for the project managers, and have experience with WES. Having a robust team of engineering talent in our Portland office means flexible and dependable delivery teams. The District can trust Adam to select the right team members that will support the project and save WES money on design and construction.

Creative, Practical Solutions

We approach every project through a lens of providing solutions that are simple and proven that can be constructed and maintained. We strive to deliver high-quality design and deliverables on any size project, on time and on budget. We recently assisted Clark Regional with designing a retrofit force main insulation system and pipe repairs for a pipe that froze and broke last winter through its on-call contract. This allowed the District to get the force main back in service with a week and insulated before the next winter.

Quality Management

Quality work and management is a priority for Consor and has translated into our long-term repeat client work. Our quality management process involves all team members and is transparent for client interaction. A key part of our quality management approach includes involvement of a senior-level engineer throughout the assignment. Our quality management plan for on-call assignments will follow our standard approach to quality management, which consists of the following key elements:

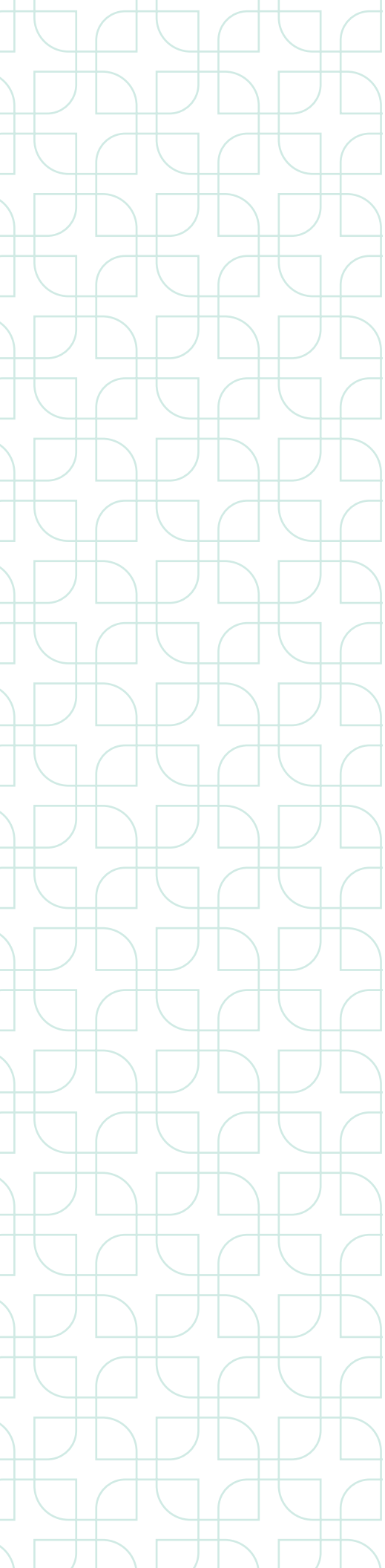
- **Quality Management Plan** – Developed during scoping to establish QA/QC team, define roles, and identify quality review milestones
- **Quality Review Schedule** – Aligns quality review schedule with project schedule and confirms resource availability to meet schedule
- **Quality Review Forms** – Quality review tracking form, review confirmation form, review comment summary

Role of the Contract Manager

Our team takes a proactive approach to work planning. As the Contract Manager, Adam Crafts will be the main point of contact for this on-call. Adam knows how WES operates and can assess the situation to understand the project and develop a team according to

the scope and needs of each unique task. The anticipated tasks for the Contract Manager include:

- **Work with the District's Project Manager** to develop a project understanding, schedule, and scope outline that can be assigned to a task lead project manager.
- **Establish a Task Order Opportunity** in Consor's internal accounting system, Deltek Vision, to create a new task under the master contract. This will allow us to track individual tasks assignments under the master contract project number.
- **Prepare a Work Plan** that provides definitive directions to the project team and includes specific instructions regarding means and methods assumptions included in the scope of work.
- **Assist the Task Project Manager** with preparing a scope and fee for the task, reviewing it for conformance with the work plan, allowable rates and expenses, and client expectations.
- **Implement communication protocols** and facilitate communication between the District and Consor, including face-to-face meetings, phone calls, email, written documents, and web meetings to meet the project needs.
- **Regularly track each task order budget** separately, review monthly invoices and progress reports, and forecast of tasks anticipated next month and any potential scope or budget impacts.
- **Provide QA/QC Review** on Consor's project documentation and design work.
- **Regularly check in with District** for feedback on our assigned team's performance and identify if any additional training or support is needed.



APPENDIX

Resumes



Adam Crafts, PE

Contract Manager, Category Lead

YEARS OF EXPERIENCE

22 years

EDUCATION

BS, Environmental Engineer, Oregon State University

REGISTRATION

Professional Engineer OR, WA, TN

KEY SKILLS

- Pump Stations
- Collection Systems
- Project Management
- Trenchless Design

Adam has over two decades of local experience planning and designing municipal wastewater and water pump stations, hydraulic structures, conveyance pipes, and gravity sewers. At Consor, Adam has served as PM for over 20 pump station upgrade projects, including the WES Multiple PS Rehab projects, Arrah Wanna Pump Station, Memorial Park PS for the City of Wilsonville, Marylhurst PS for the City of Lake Oswego, Legacy Pump Station and Force Main Improvements for Clark Regional Wastewater District, and 105th and Marx PS for the City of Portland Bureau of Environmental Services. Adam's active roles in project management and design development have allowed him to successfully manage on-call contracts for City of Oregon City and Clark Regional Wastewater District that navigate similar project challenges to those facing Clackamas WES.

KEY PROJECT EXPERIENCE

Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2; *Clark Regional Wastewater District, WA; Project Manager.* The DCWA identified multiple improvements at their Pioneer Canyon, Neil Kimsey, and Legacy Pump Stations as part of DCWA's expansion program. Adam Crafts led and coordinated Consor's technical team, oversaw expansion improvements, and authored the predesign reports. Adam's team used pump station data to establish peaking factors to extrapolate when average daily flow conditions may begin triggering peak flow events requiring expansion. Adam's team collaborated with plant operations staff to determine the operating conditions and cycle of the force mains to keep sewage from getting septic. Adam led the coordination between the Consultant and District staff to help identify implementable solutions and meet the project's goals.

Gee Creek Meadows Force Main Routing; *Clark Regional Wastewater District, WA; Lead Designer.* DCWA plans to abandon the treatment plant and redirect flow through the two pump stations pumping in series to the Discovery Corridor Wastewater Transmission System. The alternatives analysis concluded that one pump station would be a retrofit, one an expansion, and the last as a new pump station. The challenges of this project included site planning limitations due to environmental buffers, city trail access needs, and the need to maintain the existing pump station during construction. Consor led the preliminary design planning and development of the Gee Creek Meadows site plan alternatives, force main alternatives routing and construction phasing plan.

WWTP Improvements Phase 1; *City of Scappoose, OR; Technical Advisor and Principal-in-Charge.* Consor prepared a Facility Plan Amendment for WWTP upgrades. During this process, the City discovered a liner failure in their aeration basin and Consor quickly shifted gears to prepare a design to convert an existing sludge storage lagoon to a temporary aeration basin. The design consisted of a new gravity conveyance line, aeration equipment, pump station, and force main. Following this, the Phase 1 Improvements design proceeded with a new headworks, aeration basin, effluent pump station upgrade, UV disinfection system upgrade, biosolids dryer, and new SCADA system.



Mike Carr, PE

Project Manager

YEARS OF EXPERIENCE

32 years

EDUCATION

BS, Civil
Engineering,
San Jose State
University

REGISTRATION

Professional
Engineer OR, WA,
AZ, CA, ID

KEY SKILLS

- Pump Station Design & Assessment
- Wastewater System Planning
- Treatment
- Facilities Retrofits & Rehabilitation
- Conveyance Facilities Planning

Mike is a key Consor principal engineer with over 32 years of experience in a wide range of municipal wastewater, stormwater, water, and transportation projects. Mike is currently managing WES' Intertie 2 Diversion Facilities Expansion Project and served as Principal-in-Charge and technical advisor on WES' multi-year pump station rehabilitation project. His expertise includes master planning, condition assessment, upgrades to and rehabilitation of existing facilities, and design of new facilities.

KEY PROJECT EXPERIENCE

Intertie 2 Pump Station and Force Main Expansion; WES; Project Manager. The Intertie 2 Pump Station and Force Main is used to reduce peak wet-weather flows at the Kellogg Creek Water Resource Recovery Facility by pumping excess flow from the Mt. Scott Interceptor to Tri-City Water Resource Recovery Facility via a four-mile-long force main installed in public rights-of-way and across the Clackamas River. The IT2 PS currently has 10-mgd of capacity and a 20-inch force main. The expansion includes an additional 20-mgd of capacity and a second, 30-inch diameter parallel force main. In addition, flow monitoring and control upgrades at the diversion structure are included to optimize the system controls and better attenuate the flow diversion rates.

Dawson Creek Interceptor Improvements; Clean Water Services, OR; Project Manager. Large industrial sanitary system discharges began causing issues with the Dawson Pump Station and force main system, reducing capacity and increasing risk of overflows. Mike Carr served as the Consor Project Manager and led the alternatives analysis to identify the least-cost solution to divert industrial flows around the pump station into the existing gravity trunk sewer. Mike led the design of the two upstream diversions to reroute upstream domestic flows into the west 42-inch diameter interceptor, and industrial flows into the east 42-inch interceptor. The existing pump station inlet structure was reconstructed to meter industrial flows downstream via gravity using an automated sluice gate. To preserve system capacity for all flows, a passive side-stream weir was installed to allow excess industrial flows to bypass to the pump station when downstream capacity was restricted.

River Terrace South Pump Station; Clean Water Services, OR; Project Manager. Mike led design for this 3.7-mgd pump station, two miles of 16-inch diameter force main, and one mile of 24-inch gravity sewer. The project diverted flows from another pump station that lacked capacity to serve the projected growth. Mike oversaw the extensive coordination with the adjacent County roadway projects along SW Roy Rogers and Beef Bend Roads and a downstream CWS trunk sewer project on Beef Bend to verify complete operational compatibility and efficient construction. Multiple auger bore trenchless crossings of jurisdictional culverts along Beef Bend Road were required as well. Our team continued to provide construction management services to assist the District with the successful construction and commissioning of the new assets.



Edward Kreipe, PE

Project Manager

YEARS OF EXPERIENCE

17 years

EDUCATION

BS, Civil Engineering,
Portland State University

REGISTRATION

Professional Engineer OR

KEY SKILLS

- Hydraulic calculations and Pump Selection
- Managing projects on schedule and within budget
- Force main design and pipe materials selection
- Trenchless crossings
- Understanding and designing complicated projects/systems
- Technical resource and guidance to staff

Eddie has a broad range of wastewater technical experience, including pump station, force main, gravity sewer, and stormwater design. Eddie has been the project manager or design lead on over 40 projects that involved pump station rehabilitation, relocation, and decommissioning, including projects for Clackamas WES and Clean Water Services. Many of these pump station upgrade and improvement projects included condition assessment during pre-design phases to determine what existing infrastructure can be re-used, while also increasing the station's reliability and redundancy, and reducing construction risk and cost. Eddie also brings extensive field experience, having provided construction management services for many of the projects he has been involved with.

KEY PROJECT EXPERIENCE

Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2; **Clark Regional Wastewater District, WA;** **Project Engineer.** This project implements the DCWTS Phase 2 expansion improvements as outlined in the 2013 Engineering Report and 2021 CIP. Consor completed the preliminary design for expansion improvements at the Pioneer Canyon Pump Station (PS), Neil Kimsey Regional PS, and Legacy PS. The wastewater collection and treatment system owned and operated by the District serves unincorporated areas of Clark County and the City of Ridgefield (COR). The DCWTS connects the COR to the District's regional treatment facility at Salmon Creek. The District plans to decommission the Ridgefield treatment plant by approximately 2034 which will increase flows to the DCWTS in addition to anticipated growth in the area.

Intertie 2 Pump Station and Force Main Expansion; **WES;** **Project Engineer.** The Intertie 2 Pump Station and Force Main is used to reduce peak wet-weather flows at the Kellogg Creek Water Resource Recovery Facility by pumping excess flow from the Mt. Scott Interceptor to Tri-City Water Resource Recovery Facility via a four-mile-long force main installed in public rights-of-way and across the Clackamas River. The IT2 PS currently has 10-mgd of capacity and a 20-inch force main. The expansion includes an additional 20-mgd of capacity and a second, 30-inch diameter parallel force main. In addition, flow monitoring and control upgrades at the diversion structure are included to optimize the system controls and better attenuate the flow diversion rates.

River Terrace South Pump Station; **Clean Water Services, Oregon;** **Design Lead.** Eddie worked with Mike Carrto design this 3.7-mgd pump station, two miles of 16-inch diameter force main, and one mile of 24-inch gravity sewer. The project diverted flows from another pump station that lacked capacity to serve the projected growth. Consor oversaw the extensive coordination with the adjacent County roadway projects along SW Roy Rogers and Beef Bend Roads and a downstream CWS trunk sewer project on Beef Bend to verify complete operational compatibility and efficient construction. Multiple auger bore trenchless crossings of jurisdictional culverts along Beef Bend Road were required as well. Our team continued to provide construction management services to assist the District with the successful construction and commissioning of the new assets.



Brendan O'Sullivan, PE

Project Manager

YEARS OF EXPERIENCE

20 years

EDUCATION

BS, Civil Engineering,
University of Portland

REGISTRATION

Professional Engineer OR, WA, TN, TX

KEY SKILLS

- Trenchless Design
- Wastewater Collection Systems
- Wastewater Rehab & Assessment

An expert in sewer rehabilitation projects involving trenchless methods, Brendan is an excellent resource for design and constructability. He has served in a variety of design, construction administration, and trenchless technical lead roles on large and small diameter sanitary and storm sewers. As engineer of Record for the design of more than 750,000 linear feet of sewer rehabilitation, Brendan brings lessons learned and best practices to each of his projects. Brendan has been an active member of the North American Society of Trenchless Technology (NASTT) since 2009 and was a recipient of the NASTT Ralston Young Trenchless Achievement Award.

KEY PROJECT EXPERIENCE

Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2; [Clark Regional Wastewater District, WA](#); **Technical Advisor.**

This project implements the DCWTS Phase 2 expansion improvements as outlined in the 2013 Engineering Report and 2021 CIP. Consor completed the preliminary design for expansion improvements at the Pioneer Canyon PS, Neil Kimsey Regional PS, and Legacy PS. The wastewater collection and treatment system owned and operated by the District serves unincorporated areas of Clark County and the City of Ridgefield (COR). The DCWTS connects the COR to the District's regional treatment facility at Salmon Creek. The District plans to decommission the Ridgefield treatment plant by approximately 2034 which will increase flows to the DCWTS in addition to anticipated growth in the area.

Cougar Creek Trunk Repair; [Clark Regional Wastewater District, WA](#);

Project Manager. Brendan led the condition assessment of the Cougar Creek trunk sewer, serving as the Engineer of Record for the alternatives analysis and preliminary and final design. Brendan helped the District identify sewer segments with a high risk of potential failure through a PACP evaluation. The steep topography of Cougar Canyon and the lack of maintained access trails to the sewer presented construction, operational, and maintenance challenges. The design phase included evaluating trenchless rehabilitation methods, access plan development, and environmental permitting. Based on the project goals, site constraints, and desire to minimize permitting requirements to expedite the schedule, Brendan led the project team through the decision-making process to select Ultra-Violet (UV) cured Cured-in-Place Pipe (CIPP) as the chosen rehabilitation technology was utilized for the project.

North Hillsboro Industrial Pump Station Force Main and Gravity Sewer;

[Clean Water Services, OR](#); **Technical Advisor.** The project includes a new 6.3 mgd pump station. Phased pump station upgrades include a 1.5 mgd phase 1 pump station that will be increased to 6.3 mgd for Phase 2 and up to 8.0 mgd in Phase 3. The pump station is located in an industrially zoned area and conveys industrial wastewater flows. The project included parallel force mains to accommodate the multiple proposed phases of the project. The parallel force mains and the gravity sewer main were installed via trenchless methods under a creek adjacent to the pump station site. Construction of the pump station included 45' deep excavation of the wet well and gravity sewers up to 30' deep, all within very high groundwater conditions.



Austin Rambin, PE

Project Manager

YEARS OF EXPERIENCE

25 years

EDUCATION

BS, Civil Engineering
Technology,
Southern
Polytechnic State
University

REGISTRATION

Professional
Engineer OR, WA,
GA

KEY SKILLS

- Wastewater Facilities Planning
- Treatment Plant Planning & Design

Austin has over 20 years of experience in a broad range of municipal projects including water, wastewater, and stormwater. Austin has an exceptional ability to work collaboratively with all parties for a project's success. An expert in value engineering, he works with clients and contractors to develop solutions that meet budgetary limitations. Austin has prepared antidegradation reports to support new permits and mass load increases for existing NPDES permits; has assisted municipalities operating under MAOs; and regularly follows the Oregon Association of Clean Water Agencies (ORACWA) Water Quality Committee and Residuals & Biosolids Committee to keep abreast of upcoming regulatory requirements. He has conducted public meetings to explain changes to the community and met with land owners adjacent to facilities to review new permit requirements and how they may be impacted.

KEY PROJECT EXPERIENCE

North Hillsboro Industrial Pump Station Conceptual Design; Clean Water Services, OR; Project Engineer. The project includes a new 6.3 mgd pump station. Phased pump station upgrades include a 1.5 mgd phase 1 pump station that will be increased to 6.3 mgd for Phase 2 and up to 8.0 mgd in Phase 3. The project included parallel force mains to accommodate the multiple proposed phases of the project. The parallel force mains and the gravity sewer main were installed via trenchless methods under a creek adjacent to the pump station site. Construction of the pump station included 45' deep excavation of the wet well and gravity sewers up to 30' deep, all within high groundwater conditions.

Durham Primary Sludge Heating Project; Clean Water Services, OR; Project Manager. Austin oversaw the management and design of the two related projects at the Durham plant. The Primary Sludge Heating project included designing and installing a heat exchanger to raise the temperature of primary sludge, enhancing biological phosphorus removal in the UFAT process. The Hot Water Loop Expansion project upgraded 2600' of hot water loop piping in the system serving the Filter Tunnels and Solids Building by combining two existing loops into a single lead/lag pump configuration with variable frequency drives. This project incorporated LiDAR scans to build a 3D model that visualized the component configuration and provided a better understanding for the plant engineers and operators to interact with the design.

Solids Piping Upgrades & Aeration Blow and Baffle Improvements; Oak Lodge Water Services (OLWS), OR; Technical Advisor. Austin served as technical advisor and project manager for the OLWS's Reclamation Facility's aeration basin and process cooling system evaluation and condition assessment. Austin's team prepared contract documents for solid waste transfer piping through tight spacing, requiring a 3D model to take specific measurements to install new tees and fittings. A related aeration blower and baffle improvement design included a new baffle wall and a new blower in the basin, which is oversized, making it difficult to dial in the dissolved oxygen. Process modeling showed that a baffle wall, while effective, was not necessary with the proper blower configuration.



Frederick Tack, PE, ENV SP, BC. WRE

Project Manager

YEARS OF EXPERIENCE

24 years

EDUCATION

MS, Civil,
Environmental
& Sustainable
Engineering/ BS,
Civil Engineering,
Arizona State
University

REGISTRATION

Professional
Engineer WA, CO,
TX, AZ

CERTIFICATIONS

Grade 4 Water
Treatment &
Distribution,
Wastewater
Treatment &
Collection System
Operator, ADEQ

Envision
Sustainability
Professional, ENV
SP

KEY SKILLS

- Wastewater Treatment Operations
- Process optimization, modeling, and field services
- Maintenance Management
- Training and program development

Frederick has over two decades of experience focused on the planning, design, and operations of water and wastewater treatment facilities. He has led the design of over 40 water treatment and 40 wastewater treatment facility expansions and master plans. His responsibilities include the technical vision, goals, and objectives set early in the project; providing the technical direction for assessment and evaluation; and supporting the resiliency strategy development and execution throughout the project. Also, as a certified operator, he has led the day-to-day operations, maintenance, compliance, and optimization of public and private water and wastewater treatment facilities. He understands the daily challenges and how to best accommodate those in planning and management.

KEY PROJECT EXPERIENCE

Wastewater Facilities Master Plan Update & Rate Study; City of Woodburn, OR; Technical Lead/Process Modeling. Consor is preparing a Wastewater Facilities Master Plan Update and Rate Study for the City of Woodburn. The Plan Update includes a review of the collection system, pump stations, and 4.8 mgd WWTP with recommendations for improvements and expansion for the 20-year planning period and a rate study to support the improvements. Frederick led field assessment of the WWTP and O&M review, process modeling, and alternatives development.

Plant 3A WRP Capital Improvements and Process Optimization; Moulton Niguel Water District, AZ; Technical Lead. Frederick served as Technical Lead for the evaluation, condition assessment, planning, and preliminary design of the solids stream processes, including the sludge thickening, digestion, dewatering and digester gas energy systems at the 3A WRP for Moulton Niguel and supported the development of the Capital Improvement Project (CIP) program. 3A WRP is a 6-mgd conventional suspended activated sludge facility with solids thickening, digestion, dewatering, and disposal. Frederick led the Biowin biological, and hydraulic modeling, completed staff interviews to gain a better understanding of the current state of the facility, operational strategies, staffing, maintenance, and goals. The proposed improvements divided into the liquid treatment process, the solids treatment processes, and site improvements.

Oxnard WTP Coagulation Enhanced Primary Treatment Optimization and Feasibility Study; City of Oxnard, CA; Project Manager, Technical Director. Frederick led the evaluation of the existing Coagulation Enhanced Primary Treatment (CEPT) system installed at the 31.7-mgd Oxnard WTP, for the purposes of 1) identifying the root cause(s) of current operational and maintenance related deficiencies and concerns with the system, and 2) identifying and quantifying alternatives to correct or amend the current CEPT system to meet performance and ease of operations goals. This included evaluation of potential and actual upstream and downstream impacts that were not anticipated, including impacts on sludge thickening and dewatering, odor reduction, and effluent quality. Frederick served as Project Manager, responsible for resource coordination, project metrics, and performance.



Justin Luce, PE

Project Engineer

YEARS OF EXPERIENCE

16 years

EDUCATION

BS, Civil Engineering,
Portland State University

REGISTRATION

Professional Engineer OR

SKILLS

- Force Main and Pipeline Design
- Trenchless Design

Justin brings expertise in pressure pipeline design, air release design, and corrosion protection details. Justin is the lead designer for the WES' 30-inch IT2 force main project that is currently under construction. He also provided technical advisory services for the Gladstone force main connection to the existing concrete cylinder pipe. In addition, Justin has designed long pressure pipelines for Clean Water Services, City of West Linn, Clark Public Utilities, and many other local jurisdictions. He has extensive experience designing challenging projects in constricted urban corridors.

KEY PROJECT EXPERIENCE

Intertie 2 Pump Station and Force Main Project; WES, v OR; Lead Design Engineer. The Intertie 2 Pump Station and Force Main is used to reduce peak wet-weather flows at the Kellogg Creek Water Resource Recovery Facility by pumping excess flow from the Mt. Scott Interceptor to Tri-City Water Resource Recovery Facility via a four-mile-long force main installed in public rights-of-way and across the Clackamas River. The IT2 PS currently has 10mgd of capacity and a 20-inch force main. The expansion includes an additional 20mgd of capacity and a second, 30-inch diameter parallel force main. In addition, flow monitoring and control upgrades at the diversion structure are included to optimize the system controls and better attenuate the flow diversion rates.

River Terrace South Pump Station and Force Main and Roy Rogers Trunk Sewer; Clean Water Services, Oregon; Lead Designer Engineer. Consor designed this 3.7-mgd pump station, two miles of 16-inch diameter force main, and one mile of 24-inch gravity sewer. The project diverted flows from another pump station that lacked capacity to serve the projected growth. Consor oversaw the extensive coordination with the adjacent County roadway projects along SW Roy Rogers and Beef Bend Roads and a downstream CWS trunk sewer project on Beef Bend to verify complete operational compatibility and efficient construction. Multiple auger bore trenchless crossings of jurisdictional culverts along Beef Bend Road were required as well. Consor continued to provide construction management services to assist the District with the successful construction and commissioning of the new assets.

Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2; Clark Regional Wastewater District, Washington; Design Engineer. This project implements the DCWTS Phase 2 expansion improvements as outlined in the 2013 Engineering Report and 2021 CIP. Consor completed the preliminary design for expansion improvements at the Pioneer Canyon Pump Station, Neil Kimsey Regional Pump Station, and Legacy Pump Station. The wastewater collection and treatment system owned and operated by the District serves unincorporated areas of Clark County and the City of Ridgefield (COR). The DCWTS connects the COR to the District's regional treatment facility at Salmon Creek. The District plans to decommission the Ridgefield treatment plant by approximately 2034 which will increase flows to the DCWTS in addition to anticipated growth in the area.



Freeda Crow, EIT

Project Engineer

YEARS OF EXPERIENCE

7 years

EDUCATION

BS, Civil Engineering,
Oregon State University

REGISTRATION

Engineer In Training
OR

KEY SKILLS

- Wastewater pump station and piping design
- Pump station and force main hydraulic calculations
- Pump selection and analysis
- Construction cost estimating

As a project engineer, Freeda has supported planning, design, and construction for water and wastewater systems for over seven years. She has primarily focused on designing conveyance systems, including pipelines and pump stations. Her responsibilities include creating plans and specifications, conducting engineering calculations, writing technical reports, and assisting with planning studies. Freeda has also coordinated with clients and contractors during construction, reviewed submittals, responded to RFIs, attended meetings, conducted site visits, and ensured regulatory compliance for project permits. She has experience with design software including AutoCAD, AFT Fathom, Microsoft Excel, and HydroCAD.

KEY PROJECT EXPERIENCE

Intertie 2 Pump Station and Force Main Expansion; WES; Project Engineer. The Intertie 2 Pump Station and Force Main is used to reduce peak wet-weather flows at the Kellogg Creek Water Resource Recovery Facility by pumping excess flow from the Mt. Scott Interceptor to Tri-City Water Resource Recovery Facility via a four-mile-long force main installed in public rights-of-way and across the Clackamas River. The IT2 PS currently has 10-mgd of capacity and a 20-inch force main. The expansion includes an additional 20-mgd of capacity and a second, 30-inch diameter parallel force main. In addition, flow monitoring and control upgrades at the diversion structure are included to optimize the system controls and better attenuate the flow diversion rates.

Discovery Corridor Wastewater Transmission System (DCWTS) Phase 2; Clark Regional Wastewater District, WA; Project Engineer. This project implements the DCWTS Phase 2 expansion improvements as outlined in the 2013 Engineering Report and 2021 CIP. Consor completed the preliminary design for expansion improvements at the Pioneer Canyon PS, Neil Kimsey Regional PS, and Legacy PS. The wastewater collection and treatment system owned and operated by the District serves unincorporated areas of Clark County and the City of Ridgefield (COR). The DCWTS connects the COR to the District's regional treatment facility at Salmon Creek. The District plans to decommission the Ridgefield treatment plant by approximately 2034 which will increase flows to the DCWTS in addition to anticipated growth in the area.

River Terrace South Pump Station and Force Main and Roy Rogers Trunk Sewer; Clean Water Services, OR; Project Engineer. This project includes design of a 3.7-mgd pump station, two miles of 16-inch diameter force main, and one mile of 24-inch gravity sewer. The project diverted flows from another pump station that lacked capacity to serve the projected growth. Extensive coordination was performed with adjacent County roadway projects along SW Roy Rogers and Beef Bend Roads and a downstream CWS trunk sewer project on Beef Bend to verify complete operational compatibility and efficient construction. Also included in the project are multiple auger bore trenchless crossings of jurisdictional culverts along Beef Bend Road.



Patrick Davis, PE

Project Engineer

YEARS OF EXPERIENCE

8 years

EDUCATION

BS, Civil
Engineering,
Oregon State
University

ME, Civil and
Environmental
Engineering,
Portland State
University

REGISTRATION

Professional
Engineer OR

KEY SKILLS

- Hydraulic Modeling
- Pump System Modeling

Patrick has worked on the design and implementation of water and wastewater pump stations in several locations around Oregon and Washington. He has experience drafting utility realignment, and he enjoys working face-to-face with clients to provide the best outcome for all parties. His amicable demeanor and steadfast attention to detail make him a valuable member of any team.

KEY PROJECT EXPERIENCE

River Terrace South Pump Station and Force Main and Roy Rogers Trunk Sewer; *Clean Water Services, OR; Engineering Designer.*

This project includes design of a 3.7-mgd pump station, two miles of 16-inch diameter force main, and one mile of 24-inch gravity sewer. The project diverted flows from another pump station that lacked capacity to serve the projected growth. Extensive coordination was performed with adjacent County roadway projects along SW Roy Rogers and Beef Bend Roads and a downstream CWS trunk sewer project on Beef Bend to verify complete operational compatibility and efficient construction. Also included in the project are multiple auger bore trenchless crossings of jurisdictional culverts along Beef Bend Road.

North Hillsboro Industrial Pump Station Conceptual Design; *Clean Water Services, OR; Engineering Designer.*

The project includes a new 6.3 mgd pump station. Phased pump station upgrades include a 1.5 mgd phase 1 pump station that will be increased to 6.3 mgd for Phase 2 and up to 8.0 mgd in Phase 3. The pump station is located in an industrially zoned area and conveys industrial wastewater flows. The project included parallel force mains to accommodate the multiple proposed phases of the project. The parallel force mains and the gravity sewer main were installed via trenchless methods under a creek adjacent to the pump station site. Construction of the pump station included 45' deep excavation of the wet well and gravity sewers up to 30' deep, all within very high groundwater conditions.

Durham Primary Sludge Heating Project; *Clean Water Services, OR; Engineering Design.*

Conсор managed and designed two related projects at the Durham plant. The Primary Sludge Heating project included designing and installing a heat exchanger to raise the temperature of primary sludge, enhancing biological phosphorus removal in the UFAT process. The Hot Water Loop Expansion project upgraded 2600 feet of hot water loop piping in the system serving the Filter Tunnels and Solids Building by combining two existing loops into a single lead/lag pump configuration with variable frequency drives. This project incorporated LiDAR scans to build a 3D model that visualized the component configuration and provided a better understanding for the plant engineers and operators to interact with the design.



Nick Lafrenz, PE

Project Engineer

YEARS OF EXPERIENCE

7 years

EDUCATION

BS, Civil Engineering,
Portland State University

REGISTRATION

Professional Engineer OR, TN, WA

KEY SKILLS

- Pump Station Design and Rehabilitation
- Condition Assessment
- Hydraulic Calculations and Pump Selection
- Force Main Sizing and Material Selection
- Construction Cost Estimating
- Construction Management Services

Nick brings over seven years of experience in the design and rehabilitation of water and wastewater infrastructure. He has successfully completed over 15 projects for municipalities around the Oregon and SW Washington area, including Clackamas WES. Nick has worked closely with WES staff on the multiple pump station rehabilitation project over the last three years, including design, cost estimating, bidding assistance, and construction management services.

KEY PROJECT EXPERIENCE

Willamette Pump Station and Force Main Replacement; WES, OR; Project Engineer. This condition assessment and design project included developing a programmatic approach to conducting a conditional assessment and alternatives analysis to consistently identify improvements across over a dozen of the pump stations in Clackamas Water Environment Service's (WES) collections system. Improvements were identified by functional groups and prioritized between primary and secondary classifications. Consor has continued with design development and construction support for the pump stations improvements over the last four years, and will continue for at least two more. The most recently completed of these projects is the construction of rehabilitation upgrades to Gladstone Pump Station for Upgrades included replacement of three sewage pumps and associated valves, interior 12" and 20" mechanical piping, 200' of buried 20" ductile iron pipe force main installation and tie-in to existing force main. Improvements were made to existing station building for increased operator safety and access, including new rail cranes and exterior sidewalk and stairs to a new influent manhole work platform. Project construction cost totaling \$2.4 Million. Provided client with regular on-site inspections and supported coordination between contractor, owner, and project engineering team.

NE 92nd Ave Pump Station; Battle Ground, WA; Project Engineer. The 92nd Ave Pump Station (PS) will initially serve new development in the City's northwest quadrant but is envisioned long-term as a regional facility that will allow for the abandonment of five existing pump stations with future gravity sewer construction. The phasing of pump station capacity upgrades will be an important design consideration as the 92nd Ave PS will start with limited flow and eventually grow to full buildout flow demands of 7.8 mgd.

North Hillsboro Industrial Pump Station Force Main and Gravity Sewer; Clean Water Services, OR; Project Engineer. The project includes a new 6.3 mgd pump station. Phased pump station upgrades include a 1.5 mgd phase 1 pump station that will be increased to 6.3 mgd for Phase 2 and up to 8.0 mgd in Phase 3. The project included parallel force mains to accommodate the multiple proposed phases of the project. The parallel force mains and the gravity sewer main were installed via trenchless methods under a creek adjacent to the pump station site. Construction of the pump station included 45' deep excavation of the wet well and gravity sewers up to 30' deep, all within very high groundwater conditions.



Will Kirby, PE

Project Engineer

YEARS OF EXPERIENCE

9 years

EDUCATION

BS, Civil
Engineering,
University of Idaho

REGISTRATION

Professional
Engineer OR, WA, ID

KEY SKILLS

- Lift Station Design
- Force Main Design
- Gravity Sewer Design
- Wastewater Treatment Facility Process Design
- Pump Station Design

Will has a broad range of experience with utility and treatment projects, including lift station design, force main design, gravity sewer design, wastewater treatment facility process design, and pump station design. Will's range of experience goes from planning level analyses, through design, and through construction of the facilities. Beyond analysis and design, Will has extensive experience with assembling and administration of Contract Documents.

KEY PROJECT EXPERIENCE

Wastewater Treatment Plant (WWTP) Improvements; City of Pasco, WA; Deputy Project Manager. Consor led the design of improvements to the WWTP and replacement of the existing outfall. The existing outfall was constructed in the early 1950s and needed to be replaced due to hydraulic and mixing limitations. Outfall piping improvements included approximately half a mile of 42-inch HDPE pipeline with roughly half being in the Columbia River. The project began with a mixing zone study of both the existing three-port outfall and the recommended ten-port diffuser. The inland portion of the pipeline, where permitting requirements are straightforward, was designed and installed in Phase 1. Simultaneously, the team completed Phase 2 in-water permitting with regulatory agencies and easement procurement. The Phase 2 in-water pipeline was then installed during the in-water work window. The design included in-water excavation work details, 1,200 feet of pipeline, the 100-foot-long multiport diffuser, and concrete anchor blocks. The project also included removal of the existing outfall.

Wastewater Treatment Plant Aeration Basin Retrofit; City of Richland, WA; Project Engineer. The City of Richland's WWTP was originally constructed in 1985 and has had various portions of the facility modified since. With an original design capacity of approximately 12 mgd, the facility should be able to handle the City's wastewater treatment needs for years to come; however, due to a combination of equipment condition and increased influent wastewater strength due to I&I improvements, the actual capacity of the existing plant has been reduced by nearly half. For the first phase of the project, Consor is identifying improvements to regain this lost capacity and optimize unit processes throughout the WWTP.

Can Ada Lift Station & Gravity Line; City of Meridian, ID; Project Engineer. The City's 2017 Collection System Master Plan (CSMP) identified the Can Ada Lift Station (LS) as a future regional lift station required to serve the full build out of the master plan study area. The LS will be located at or near the intersection of N Can Ada Rd and W McMillan Rd. Flow will be conveyed to the LS via an 18-inch diameter, 24-foot-deep gravity line. The CSMP identifies a peak design flow of 2,125 gpm. LS will discharge flow through dual force mains (identified as a 10- and 16-inch in the CSMP), approximately 11,000 linear feet to the Oaks LS located on N McDermott Rd, south of the intersection of W McMillan Rd. Consor assisted the City in identifying and obtaining a site for the LS, we are currently providing final design of the lift station. The lift station will include submersible pumps, bypass pumping features, odor control, emergency generator, davit crane, and building to house electrical and I/C equipment.



Shelby Asato, PE

Project Engineer

YEARS OF EXPERIENCE

11 years

EDUCATION

BA, Civil and
Environmental
Engineering,
University of
Washington

REGISTRATION

Professional
Engineer WA

KEY SKILLS

- Wastewater pump station and force main design
- Alternatives Analysis
- Condition Assessment

Shelby brings experience delivering wastewater and water infrastructure projects for municipalities throughout Oregon and Washington. Shelby has experience with sewer collection planning, pump station design, asset management, force main design, and site planning. She has served as the design engineer and project manager for numerous sewer lift station projects. She produces contract documents and provides engineering support services during bidding and construction.

KEY PROJECT EXPERIENCE

Willamette Pump Station and Force Main Replacement; Clackamas County Water Environment Services, OR; Design Engineer. Clackamas Water Environment Services 2019 Sanitary Sewer Master Plan identified capacity deficiencies in both the Willamette Pump Station and the Willamette interceptor downstream during peak flow storm events. This project includes the replacement of the pump station and force main with new infrastructure that is adequately sized, resilient and reliable. Shelby is the design engineer for the force main portion of this project which includes approximately five miles of 20-inch diameter force main.

Bangor-Keyport Force Main Replacement; Kitsap County, WA; Staff Engineer. The existing 18- to 24-inch diameter ductile iron pipe is approximately 40 years old and has a history of corrosion issues. Consor performed a Triple Bottom Line Analysis to review alternatives for replacement of the existing force main, ultimately helping the County select a preferred pipe alignment. The project included approximately 20- to 30-inch HDPE pipe, CIPP of the SR-3 20-inch crossing, HDD of Clear Creek, bypass pumping, pump station improvements, connections to existing pump stations and odor control improvements. Shelby served as the stamping engineer and later the construction manager.

Lift Station Consulting; City of Lacey, WA; Project Manager. As part of a continued effort to maintain reliability of wastewater lift stations, Lacey combined six lift stations, into one capital project program. As a part of this project, Consor is responsible for guiding the design of all six lift station improvements, which individually range in scope from pump replacement to major rehabilitation to complete design of a new facility. Three of the lift stations discharge to shared force mains, which required a more detailed hydraulic analysis and consideration of potential capacity impacts on the lift stations not being modified.

2004 Lift Station Nos. 16, 17 & 18 Upgrades; AWWD, WA; Project Manager/Project Engineer. AWWD's existing LS 16, 17, and 18 are wet well mounted suction lift stations, originally constructed 40+ years ago. AWWD wanted to confirm that any condition or capacity issues were addressed before service was impacted. Phase 1 of this project evaluated the force main, wet well and structures, mechanical, and electrical/instrumentation components to determine any asset management needs. Following this assessment, AWWD approved replacing LS 16 and 18 with submersible stations and replacing LS 17 with a wet well/dry well configuration, as well as replacing its force main.

PROPOSAL CERTIFICATION
RFP #2025-01

Submitted by: **Consor North America, Inc. - Oregon**
(Must be entity's full legal name, and State of Formation)

Each Proposer must read, complete and submit a copy of this Proposal Certification with their Proposal. Failure to do so may result in rejection of the Proposal. By signature on this Proposal Certification, the undersigned certifies that they are authorized to act on behalf of the Proposer and that under penalty of perjury, the undersigned will comply with the following:

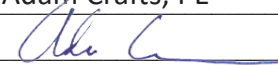
SECTION I. OREGON TAX LAWS: As required in ORS 279B.110(2)(e), the undersigned hereby certifies that, to the best of the undersigned's knowledge, the Proposer is not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" means the tax laws of the state or a political subdivision of the state, including ORS 305.620 and ORS chapters 316, 317 and 318. If a contract is executed, this information will be reported to the Internal Revenue Service. Information not matching IRS records could subject Proposer to 24% backup withholding.

SECTION II. NON-DISCRIMINATION: That the Proposer has not and will not discriminate in its employment practices with regard to race, creed, age, religious affiliation, sex, disability, sexual orientation, gender identity, national origin, or any other protected class. Nor has Proposer or will Proposer discriminate against a subcontractor in the awarding of a subcontract because the subcontractor is a disadvantaged business enterprise, a minority-owned business, a woman-owned business, a business that a service-disabled veteran owns or an emerging small business that is certified under ORS 200.055.

SECTION III. CONFLICT OF INTEREST: The undersigned hereby certifies that no elected official, officer, agent or employee of Clackamas County is personally interested, directly or indirectly, in any resulting contract from this RFP, or the compensation to be paid under such contract, and that no representation, statements (oral or in writing), of the County, its elected officials, officers, agents, or employees had induced Proposer to submit this Proposal. In addition, the undersigned hereby certifies that this proposal is made without connection with any person, firm, or corporation submitting a proposal for the same material, and is in all respects fair and without collusion or fraud.

SECTION IV. COMPLIANCE WITH SOLICITATION: The undersigned further agrees and certifies that they:

1. Have read, understand and agree to be bound by and comply with all requirements, instructions, specifications, terms and conditions of the RFP (including any attachments); and
2. Are an authorized representative of the Proposer, that the information provided is true and accurate, and that providing incorrect or incomplete information may be cause for rejection of the Proposal or contract termination; and
3. Will furnish the designated item(s) and/or service(s) in accordance with the RFP and Proposal; and
4. Will use recyclable products to the maximum extent economically feasible in the performance of the contract work set forth in this RFP.

Name: Adam Crafts, PE Date: 2/20/2025
Signature:  Title: Principal Engineer
Email: Adam.Crafts@consoreng.com Telephone: 503-225-9010
Oregon Business Registry Number: 146807-14 OR CCB # (if applicable): _____

Business Designation (check one):

☒ Corporation ☐ Partnership ☐ Sole Proprietorship ☐ Non-Profit ☐ Limited Liability Company

☒ Resident Quoter, as defined in ORS 279A.120

☐ Non-Resident Quote. Resident State: _____

