

REQUEST FOR QUALIFICATIONS DESIGN-BUILD

RFQ Issue Date: September 12, 2025

RFQ Number: RFQ SA-2611

Commodity/Service: Design-Build

Prince William Water: Prince William Water
Attention: Procurement Department, Michael Burke, Procurement Officer
Issuing Agency & Address: 4 County Complex Ct.
Woodbridge, VA 22195

Project Name: Design-Build Services for Featherstone Sewage Pumping Station,
L16 and Force Main

Statement of Qualification (SOQ) Due Date and Time: **10:00 A.M. on October 20, 2025 (EDT)**

Sealed Statement of Qualifications (SOQ) must be received in hand by Prince William Water Procurement Department until **10:00 A.M. on October 20, 2025 (EDT)**. Offerors are responsible for ensuring that the Procurement Department receives their Statement of Qualification (SOQ) prior to the Statement of Qualification (SOQ) due date. The time a SOQ is received in hand shall be determined by the time stamped on the SOQ receipt by the time clock at the address listed above. The Offeror assumes all risk of delivery to the correct office.

SOQs received after the submission due date shall not be considered. If Prince William Water is closed for any reason on the SOQ due date, the SOQ due date will be extended to 10:00 A.M. on the next business day Prince William Water is open.

Note: Prince William Water does not discriminate against faith-based organizations in accordance with the Code of Virginia § 2.2-4343.1 or against an Offeror because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment.

TABLE OF CONTENTS

- I. INTRODUCTION**
- II. PRE-QUALIFICATIONS CONFERENCE/SITE VISIT**
- III. QUESTIONS**
- IV. SUBMITTAL**
- V. PROJECT DESCRIPTION**
- VI. SUBMISSION REQUIREMENTS**
- VII. EVALUATION OF SOQS**
- VIII. FORMAT AND CONTENT**
- IX. TRADE SECRETS AND PROPRIETARY INFORMATION**

Exhibit A: Project Description

Exhibit B: Design Build Contract Process Diagram

Attachment A: Qualifications & Experience

Attachment B: Application Information

Attachment C: Past Projects-Contractor

Attachment D: Past Projects-Engineer

Attachment E: State Corporation Commission (SCC) Form

Attachment F: Proprietary Information Form

Attachment G: Prince William Water Small, Women, Minority-Owned and Service-Disabled Veteran-Owned Business Goal

Reference Documents

- L16 FEATHERSTONE SPS AND FORCE MAIN ASSESSMENT EVALUATION
- L16 FEATHERSTONE FORCE MAIN EVALUATION
- SCADA DESIGN AND CONFIGURATION STANDARDS

Request for Qualifications (RFQ)
Design-Build Services for Featherstone Sewage Pumping Station, L16 and Force Main

I. INTRODUCTION

Prince William Water is a public utility created in 1983 under the Virginia Water and Sewer Authorities Act and chartered by the Prince William Board of County Supervisors. Prince William Water is an independent body responsible for providing comprehensive water and sewer services in Prince William County (“the County”). Prince William Water has approximately 98,000 customers and owns and operates wastewater treatment facilities for the eastern portion of the county.

Wastewater service for the western portion of the county is provided by the Upper Occoquan Service Authority, a 54.0 million gallons per day (mgd) regional facility that is jointly owned by Fairfax County, Prince William County, the City of Manassas, and the City of Manassas Park. Water is supplied via wholesale water purchase agreements with Fairfax Water and the City of Manassas, as well as Prince William Water-owned wells. The water and sewer system are composed of approximately 1,240 miles of water main and 1,100 miles of sewer mains. The collection and distribution system also include 22 water storage tanks 15 water booster stations, 40,849 valves, 11,661 fire hydrants, 60 wastewater pump stations and 28,063 manholes.

Prince William Water’s population is among the most rapidly growing in the region. In addition, Prince William Water’s racially and ethnically diverse population makes it one of the most globally represented communities in the region. The County’s work force is highly skilled and well educated, including a higher than average number of multi-lingual workers. According to one national daily newspaper, “Prince William Water is at the leading edge of a diversity explosion that is currently sweeping the USA”. More than half of the County’s population is either African American, Hispanic, Asian or some other racial/ethnic minority background.

Prince William Water is dedicated to excellence in providing safe, reliable water service to our customers and returning clean water to the environment, and is guided in all its actions by our vision and values below:

Vision:

Prince William Water is a trusted public steward and nationally recognized model for performance excellence. We reflect the diverse and vibrant community we serve and nurture diversity, equity and inclusion in relationships with our community, customers, businesses and industry colleagues. We create value for our community through our Areas of Excellence.

Values: Prince William Water is responsible for serving the public and maintaining their trust on a daily basis. Our success is predicated on our job performance, our actions, and our behaviors. The following core values support our vision and culture:

- Safety Always,
- Customer-First Focus,

- Ownership & Integrity,
- Respect & Inclusion, and
- Excellence

The commitment to these values by our employees and by extension, by our service providers, suppliers and contractors, helps us to achieve organizational excellence in our delivery of water, wastewater and public services.

An important part of our procurement program involves a commitment to doing business with Small (including employment service organizations), Minority-owned, Women-owned, and Service-disabled Veteran-owned Business Enterprises (SWaM). The most competitive suppliers will have SWaM utilization plans and will support Prince William Water's supplier-diversity commitment. (Reference Attachment G)

Featherstone Sewage Pumping Station (SPS) is one of sixty seven (67) pumping stations in Prince William County owned, operated, and maintained by Prince William Water. The existing Featherstone SPS is located at 15023 Farm Creek Dr, Woodbridge, VA 22191. It is a 25.6 MGD pump station that was built in 1974. The pump station includes:

- Two (2) duty pumps with 12.8 MGD capacity each and one (1) standby pump with 14.83 MGD capacity, with
 - Suction and discharge valves,
 - 13.6 MGD wetwell
 - Associated electrical, heating, ventilation, and air conditioning (HVAC), and other appurtenances.

It is a critical facility that discharges a significant sewage flow from the eastern sewer shed via a 30-inch ductile iron pipe to the H.L. Mooney Advanced water Reclamation Facility (Mooney AWRP) that is located at 1851 Rippon Boulevard in Woodbridge, Virginia. It is one of the only two pump stations that pump wastewater in the Mooney AWRP. The existing force main (FM) runs along Florida Avenue, Illinois Road, Georgia Road, Georgia Court, Wildlife Way and crosses Rippon Boulevard to finally connect with the Mooney AWRP. Featherstone SPS is currently performing well below its design capacity, with significant head loss, obsolete electrical components, a corroded force main, and documented flood risks.

A. DEFINITIONS

1. **Addendum:** A written, or graphic instrument issued prior to the due date and time of SOQs that clarifies, corrects or changes the solicitation documents.
2. **Day(s):** Calendar Days, unless otherwise specified.
3. **Design-Builder:** The individual or entity with which Owner has contracted for performance of the Work, as designated in the Agreement.
4. **Key Person (Key Personnel):** As listed in Section B.2.c, the designated person or persons employed by the Contractor or Subcontractor, whose individual action or inaction can impact the timely accomplishment of the Work.
5. **Offeror:** The entity that submits an SOQ in response to this RFQ.
6. **Prince William Water: Prince William County Service Authority**

7. **Procurement Officer:** A delegate of the Procurement Manager
8. **Procurement Manager:** Prince William Water person that has been legally authorized and responsible to enter into, administer, terminate and otherwise manage contracts subject to any approval thresholds that may be established by Prince William Water's General Manager and Board of Directors.
9. **Request for Qualifications (RFQ):** An advertised formal competitive solicitation for letters of interest and information as to qualifications regarding services that include, but are not limited to, the practice of architecture, professional engineering, landscape architecture, or registered surveying and mapping.
10. **Shortlist:** The list of Offerors the Owner determines to be the best suited and qualified based on an evaluation of the SOQs.
11. **Statement of Qualifications (SOQ)/Proposal:** The document submitted by an Offeror in response to this RFQ, including any completed forms, attachments, and exhibits.
12. **Using Division or Department:** Project Management Office (PMO)
13. The terms "**in writing**" and "**written**" mean documents permanently inscribed or printed on paper, submitted by facsimile (fax), or submitted by e-mail, unless otherwise specified.

II. PRE-QUALIFICATIONS CONFERENCE/SITE VISIT

A. PRE-QUALIFICATIONS CONFERENCE:

Date and Time: **September 24, 2025 at 10:00 A.M. (EDT)**

Prince William Water will hold a Non-Mandatory Pre-Qualification Conference using MS Teams Meeting. While attendance is not mandatory, prospective Offerors are strongly encouraged to attend. Potential Offerors interested in attending the Pre-Qualification Conference may download the application and join the meeting via the MS Teams application by audio, video or both. If an Offeror plans to join the Pre-Qualification Conference, the Offeror must inform the Procurement Department at procurement@pwwater.org with the following information: vendor name, business address and contact person. Prince William Water will provide the MS Teams link to requestors only. Upon completion of the meeting, Prince William Water will post an attendance list on Prince William Water website.

B. SITE VISIT (Non-mandatory)

Prince William Water will provide a non-mandatory site visit to the potential Offerors. Potential Offerors interested in participating in the site visit should contact Prince William Water Procurement Department, via email at procurement@pwwater.org.

The email request shall include:

- Email subject line: RFQ SA 2611 Design-Build Services-Site Visit
- Number of attendees
- Name of firm
- Point of Contact

The site visit will be held on **September 24, 2025 at 11:30 A.M. (EDT)** at the location below:

**Featherstone Sewage Pumping Station, L16
15023 Farm Creek Dr
Woodbridge, Virginia 22191**

III. QUESTIONS

All questions other than those posed at the Pre-Qualifications Conference, shall be submitted in writing to Prince William Water's Procurement Department via email at procurement@pwwater.org and must be received by **September 29, 2025 at 2:00 PM EDT**. Prince William Water will respond to all questions and requests for information received through a Pre-Qualifications Conference and via email as an Addendum. Prince William Water will modify or change this Request for Qualifications (RFQ) only by written Addendum issued by Prince William Water Procurement Department. A copy of the RFQ and all Addenda will be posted on Prince William Water website at www.princewilliamwater.org and [eVA website at www.eva.virginia.gov](http://www.eva.virginia.gov).

IV. SUBMITTAL

Submit SOQ by mail, hand delivery or express carrier to: Prince William Water Procurement Department, 4 County Complex Court, Woodbridge, Virginia 22192.

One (1) original, so marked, with all signatures in blue ink, four (4) copies marked "COPY", and one (1) copy of the entire original submission on a separate thumb drive, so marked, for a total of six (6) copies of the SOQs document are required. Offerors are responsible for ensuring the thumb drive is marked with the name of their firm. All SOQs must be submitted in a sealed package, with the RFQ number, RFQ title, SOQs due date and time, Virginia Class A contractor's license number, and its expiration date, on the outside of the package. Prince William Water will not assume responsibility for reproduction where an insufficient number of copies have been supplied. In any such case, Prince William Water shall notify the Offerors of the deficiency and request that the appropriate number of copies are delivered by no later than the end of the second (2nd) business day following receipt of the request for additional copies. Failure to comply with this or other requirements of this RFQ shall be grounds for Prince William Water to reject such SOQs. Email or facsimile submissions of SOQs are not acceptable, and any such SOQs shall not be considered. Nothing herein is intended to exclude any responsible Offeror, or in any way restrain or restrict competition. All responsible Offerors are encouraged to submit SOQs.

Prince William Water will judge any SOQ package received in the Procurement Department after the closing date and time as **LATE** and Prince William Water will not open it nor consider it for selection.

V. PROJECT DESCRIPTION

A. PURPOSE

The objective of this Request for Qualification (RFQ) is to select a short list of qualified Offerors to receive a Request for Proposal (RFP) for a detailed proposal, which would lead to an executed Design-Build Agreement between Prince William Water and the selected Design-Builder.

The work is generally described as follows:

1. Design and construct a new sewage pump station (SPS) adjacent to the existing facility at 15023 Farm Creek Dr, Woodbridge, VA. The headworks, wetwell, and drywell must allow for future capacity expansion.
2. Design approximately 9,500-foot, 30-inch new parallel force main (FM) from the new SPS to the Mooney AWRP. The owner may elect to add the construction of the parallel FM to the work based on capacity needs and budget availability.

See Exhibit A, Project Description and Exhibit B, Design Build Contract Process Diagram.

The estimated cost for this project is approximately \$47,600,000.00 with a Class 5 range estimate as defined by the Association for the Advancement of Cost Engineering.

The Project duration and schedule shall be developed and proposed by Offerors during the RFP phase.

Prince William Water will require that the Design-Builder perform engineering and design services on the scope of work in Exhibit A, Project Description. The L16 FEATHERSTONE SPS AND FORCE MAIN ASSESSMENT EVALUATION AND L16 FEATHERSTONE FORCE MAIN EVALUATION are conceptual design for the new SPS and FM. As part of this project the Design-Builder shall progress the design to 60%. Upon approval of the 60% design, the Design-Builder and Prince William Water shall negotiate a guaranteed maximum price for the completion stage of the project.

VI. SUBMISSION REQUIREMENTS

By submitting SOQ, the Offeror grants to Prince William Water the right to visit the office(s) of the Offeror to verify any claim(s) made by an Offeror regarding staff, facilities, capabilities, qualifications, and any other reasonable concerns that may arise on the part of Prince William Water. In such an event, the Offeror must make every reasonable attempt to clarify any concerns expressed by Prince William Water.

Prince William Water will not be responsible for any costs incurred by an Offeror in response to this RFQ.

In the event the Offeror discovers an error in its submission and desires to make a correction, the Offeror shall submit in writing the requested correction, along with a written explanation and justification for the change. Prince William Water will accept the correction and give it such weight as the explanation and justification support. Provided, however, no such corrections will be permitted or accepted after two (2) business days at 4:00 p.m. (EDT) from the due date set for receipt of SOQs. After this deadline, the Offeror's options are either to have its response to the RFQ considered as submitted, or to give written notice to Prince William Water that it withdraws from consideration. Additional information for clarification may be requested by Prince William Water once the review process begins.

As noted above, Offerors may contact, in writing, the designated Prince William Water's point of contact for any required clarifications on this RFQ. Offerors shall not contact Prince William Water's personnel for purposes of requesting site visits or for any other purpose relating to the Project.

Following receipt by the Offeror of notice that the Offeror has been considered short-listed, or not short-listed to move to the RFP stage, or the cancellation of this solicitation, all Offerors or potential Offerors are invited to provide to Prince William Water written comments regarding the manner in which this solicitation was conducted and any suggested modifications to that process which might make future solicitations by Prince William Water more efficient, more productive, and more attractive to potential Offerors.

VII. EVALUATION OF SOQS

Offeror's SOQs (as submitted on the attached Offeror's Statement of SOQs) will be evaluated against the criteria specified herein.

- Prince William Water's Selection Committee will thoroughly review the Offeror's SOQs Submissions using the evaluation criteria defined in this RFQ. The Committee will determine which Offeror's submissions demonstrate the greatest conformance with the requirements set forth in this RFQ; the Committee will identify a "short list" of three (3) to five (5) Offerors deemed fully qualified and best suited based on the evaluation criteria to proceed to "Step 2" of the selection process, the receipt of the Request for Proposal (RFP).
- Prince William Water will provide written notification in accordance with the Code of Virginia to all Offerors which are deemed not qualified.
- Prince William Water will provide written notice to all Offerors which are not "shortlisted".
- Not being included in the short list deemed fully qualified and best suited does not mean that an Offeror is not qualified.
- Prince William Water will notify the shortlisted Offerors of their selection to move to the RFP stage and will provide them the RFP.

The Selection Committee will use the following criteria to evaluate and judge the SOQs (weighted as indicated below):

General Organization, Thoroughness, and Continuity of SOQs (Volumes 01 and 02)	15%
Proposed Design-Builder Team Experience and Performance as a single team on Projects of Similar Size and Scope (Tabs 7 and 8)	25%
Qualifications of Key Personnel and Team (Tab 3)	25%
Project Approach (Tabs 5 and 6)	25%
References /Financial (Tab 4 and Volume No. 2)	<u>10%</u>
TOTAL	100%

The remaining contents of the Offeror’s SOQs not specifically listed in the evaluation criteria will be considered generally and may affect the weighting of the categories identified above. Prior Design-Build experience is not a pre-requisite for qualification but may be considered generally. Experience on comparable projects will be a consideration for selection.

A. TENTATIVE EVALUATION AND AWARD SCHEDULE

<u>Date</u>	<u>Schedule of Items</u>
September 12, 2025	Issue Request for Qualifications
September 24, 2025	Pre-Qualifications Conference (Non-Mandatory)
September 24, 2025	Site Visit (Non-Mandatory)
September 29, 2025	Question Deadline
October 20, 2025	SOQs Submission Due
TBD	Non-Qualified and Qualified Notifications
TBD	Issue Request for Proposals
TBD	Request for Proposals Due
TBD	Interviews
TBD	Competitive Negotiations
TBD	Prince William Water Approval and Contract Award
TBD	Notice to Proceed

B. QUALIFICATION CRITERIA

Offerors shall submit SOQ package in accordance with the requirements identified herein. The Procurement Manager, or assigned designee, may contact Offeror during the evaluation process seeking clarification of any SOQs received in response to this RFQ. Such clarification must be submitted to Prince William Water no later than 4:00 P.M. (EDT) the second (2nd) business day following receipt of the request for clarification.

The decision to shortlist an Offeror shall not, however, constitute a determination that the Offeror is responsible; and such Offeror may be subsequently rejected as non-responsible based on subsequently discovered information.

1. MANDATORY REQUIREMENTS (PREQUALIFICATION): Prince William Water may deny prequalification to any Offeror only if the public body finds one of the following criteria is not satisfied by the Offeror:

a. Bonding

Offeror must be able to secure bonding for this project in an amount equal to or greater than the estimated construction cost from a surety company; (1) listed in the United States Department of Treasury, Federal Register, *Circular 570: Companies Holding Certificates of Prince William Water as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies*; and (2) licensed to transact surety business in the Commonwealth of Virginia.

Offeror must provide a signed statement from their Surety stating that, based on present circumstances, the Surety will provide performance and payment bonds for the Offeror, in an amount at least equal to the estimated project value listed in this RFQ, in connection with the Project.

b. Judgments

Neither the Offeror nor any officer, director, partner, project manager, procurement manager, or chief financial officer, thereof, shall have had judgments entered against it or him/her within the past ten (10) years for the breach of contracts for governmental or non-governmental construction, including, but not limited to, design-build or construction management.

c. Convictions

Neither the Offeror nor any officer, director, partner, project manager, procurement manager, chief financial official, or partner thereof, shall have been convicted within the past ten (10) years of a crime related to governmental or non-governmental construction or contracting, including, but not limited to, a violation of (i) Article 6 (§ 2.2-4367 et seq.) of the Virginia Public Procurement Act, (ii) the *Virginia Governmental Frauds Act* (§ 18.2-498.1 et seq.), (iii) Chapter 4.2 (§ 59.1-68.6 et seq.) of Title 59.1, or (iv) any substantially similar law of the United States or another state, and without limitation of the foregoing shall not:

- i. Have been convicted on charges relating to conflicts of interest;
- ii. Have been convicted on charges relating to any criminal activity relating to contracting, construction, bidding, bid rigging or bribery;
- iii. Have been convicted on charges relating to employment of illegal aliens on construction projects.
- iv. Have been convicted: (i) under Va. Code Section 2.2-4367 et seq. (Ethics in Public Contracting); (ii) under Va. Code Section 18.2-498.1 et seq. (Va. Governmental Frauds Act); (iii) under Va. Code Section 59.1-68.6 et seq. (Conspiracy to Rig Bids); (iv) of a criminal violation of Va. Code Section 40.1-49.4 (enforcement of occupational safety and health standards); or (v) of violating any substantially similar federal law or law of another state.

d. Debarment

Neither the Offeror nor any officer, director, project manager, procurement manager, chief financial officer, or partner thereof shall currently be debarred pursuant to an established debarment procedure from bidding or contracting by any public body, agency of another state or agency of the federal government. If the Offeror experiences a material change in its debarment status after the Proposal is submitted and prior to the award of the Contract for the project, the Offeror shall notify Prince William Water of the change in writing at the time the

change occurs or as soon thereafter as is reasonably practicable. If at any time during the evaluation process the Offeror is issued a debarment judgement, then this will be considered ground for automatic disqualification.

e. Experience with similar projects

During the evaluation of experience and ability to perform the work, emphasis will be placed on the Offeror's performance on recent projects of a similar size and nature to the Project listed in this RFQ; including Offeror's ability to manage the Owner's project budget, deliver a quality product, and meet scheduled completion dates. Consideration will be given to firms with the following experience:

- i. Construction Experience including the following: Successful completion (on time, within budget, and per client's specifications) of at least (5) water or wastewater infrastructure projects - preferably sewage pumping stations - in the last ten (10) years of similar size, scope, and complexity as contained in this RFQ, by the builder. Acceptable delivery methods include Design/Bid/Build and Design-Build.
- ii. Design Experience including the following: Successful completion of at least five (5) sewage pumping station projects, in the last five (5) years of similar size, scope, and complexity as contained in this RFQ, by the designated Design Engineer.
- iii. Project Team Experience (firms and/or staff) including the following: Successful completion of at least three (3) comparable projects in scope to the Projects in this RFQ. Offerors may include additional projects to demonstrate teaming experience among proposed firms and key personnel. Consideration will be given to design/build teams that have completed a project together of similar size, scope, and complexity as contained in this RFQ.

f. Substantial Non-Compliance

The Offeror shall not have been in substantial non-compliance with the terms and conditions of a prior construction contract with a public body without good cause. If Prince William Water has not contracted with the Offeror in any prior construction contracts, Prince William Water may disqualify the Offeror if the Offeror has been in substantial noncompliance with the terms and conditions of comparable construction contracts with another public body without good cause. Prince William Water may not utilize this provision to disqualify unless the facts underlying such substantial noncompliance were documented in writing in the prior construction project file and such information relating thereto given to the Offeror at that time, with the opportunity to respond.

g. Offeror's Lack of Responsiveness to Requests for Clarification

The Offeror may be deemed nonresponsive if it failed to provide Prince William Water within the established time frame, any information requested in this RFQ relevant to Prince William

Water's evaluation of these mandatory criteria.

h. Responsiveness to RFQ

Only responsive SOQs will be considered and evaluated. A responsive SOQ must be completed according to the instructions and include all required attachments and requested information as noted in Sections 1 and 2 of B. Qualification Criteria.

2. DISCRETIONARY REQUIREMENTS: Prince William Water will also consider the following requirements, which are discretionary, in making its decisions about which Offerors will be selected for the shortlist.

- a. Demonstration of ability to perform work.** Provide details explaining how the firm or firms involved have currently available resources to perform the Project listed herein.
- b. Leadership structure / Project manager's experience / key personnel experience.** Provide resumes demonstrating that the qualifications of the persons proposed for the following positions have relevant experience on projects of similar size and scope. Consideration given to Key Personnel who have worked together on similar size, scope and complexity of projects as contained in this RFQ. Identify this experience. Provide an organizational chart identifying the proposed project team and describe the working relationship of the firms. Offeror must dedicate all Key Personnel to the project and may not make changes without written approval from Prince William Water. No substitutions of the Key Personnel represented below will be accepted without prior approval by Prince William Water. Request for substitution approval may be submitted by the Offeror only for reasons beyond the Offeror's control. Approval by Prince William Water will not be granted unless the Offeror can demonstrate that the reason for the substitution is justified and that the substituting individual has, at a minimum, an equivalent level of experience comparable to that of the individual being substituted.

Key Personnel include the following:

- i. Project Executive Director – Experience on comparable projects of similar size and scope is required. Provide detailed experience.
 - ii. Design-Build Project Manager – Experience on comparable projects of similar size and scope is required. Provide detailed experience.
 - iii. Design Project Manager – Experience on comparable projects of similar size and scope is required. Provide detailed experience.
 - iv. Design Engineer – Experience on comparable projects of similar size and scope is required. Provide detailed experience.
 - v. Construction Project Manager – Experience on comparable projects of similar size and scope is required. Provide detailed experience.
 - vi. Construction Superintendent – Experience on comparable projects of similar size and scope is required. Provide detailed experience.
- c. Management Approach.** Provide a narrative explaining your approach to successfully

manage the design and construction phases of the Project. Include a description with examples of how you will manage cost, quality, schedule, maintenance of operations during construction, and neighborhood/community issues. Provide a narrative regarding the Owner's proposed Scope of Work.

- d. **Design Approach.** Provide a narrative explaining your approach to progress the project elements to a 60% design stage, design strategies for coordination of new work with existing infrastructure, maintaining operations during construction and shutdowns, and your approach to designing all the project elements in the Scope of Work to the point construction can begin.
- e. **Financial Condition.** Financial data will be reviewed and compared to industry standards (See Attachment B, Section B.13).
- f. **Project Ownership.** Describe the ownership of the general construction firm and engineering firm and the relationship between the two firms for the purposes of this contract.
- g. **References.** Prince William Water may contact the Offeror's references listed in the submission and may contact other potential references if referred to them during this evaluation. Prince William Water reserves the right to contact any party it deems appropriate. By submitting a response to this Request for Qualifications, the Offeror releases Prince William Water and any references from all liability concerning this exchange of information.
- h. **Safety Performance.** Safety data will not be required at this time.
- i. **Claims/Final Resolution/Judgements.** Evaluation of claims, final resolution, and judgements will be based on the number of affirmative answers to the questions and the details provided in the explanation for each occurrence.
- j. **Failure to Complete.** Evaluation of the Offeror's failure to complete projects will be based primarily on the number of failure-to-complete occurrences and the explanations for the failure-to-complete occurrences.
- k. **Other Relevant Criteria.** Any relevant information, included or not included in the SOQ, deemed to be in the best interest of Prince William Water may be evaluated in determining whether to accept an Offeror's submission. For example, the evaluation may also consider any additional references or experience with other Prince William County projects when determining acceptability of an Offeror.
- l. **Optional Information.** Information not covered above, that the Offeror deems relevant, may be provided and may be considered by Prince William Water.
- m. **Contractor's Insurance:** Statement from Offeror confirming it has or will be able to obtain and maintain the required insurance coverage for the duration of any resulting Contract(s)

from an insurance provider authorized to do business under the laws of the Commonwealth of Virginia and acceptable to Prince William Water, in Prince William Water's sole discretion.

n. Proof of Authority to Transact Business in Virginia:

The Offeror must be registered to do business in the Commonwealth of Virginia as follows:

- i. A firm organized or authorized to transact business in the Commonwealth pursuant to Title 13.1 or Title 50 of the Code of Virginia shall include in its Proposal the identification number issued to it by the State Corporation Commission (SCC).
- ii. Any Offeror that is not required to be authorized to transact business in the Commonwealth as a foreign business entity under Title 13.1 or Title 50 of the Code of Virginia, or as otherwise required by law, shall include in its proposal for consideration by Prince William Water, a signed statement attached, describing why the Offeror is not required to be so authorized under Title 13.1 or Title 50 of the Code of Virginia. Any Offeror described herein that fails to provide the required information, or for whom such signed exception is not considered valid or lawful by Prince William Water shall not receive an award unless a waiver of this requirement and the administrative policies and procedures established to implement this section is granted, in writing, by Prince William Water.
- iii. Complete Attachment E State Corporation Commission Form.

o. Virginia Licenses:

Offeror must provide copies of a Virginia Class A Contractor's License and Virginia Engineer's Licenses with the Proposal and a statement of a commitment to ensure that proposed subcontractors have the applicable Virginia Contractor's Licenses. Any Offeror or subcontractor, who does not possess a valid Contractor's License at the time when SOQs are received, will not be deemed to be qualified.

VIII. FORMAT AND CONTENT

Offerors shall submit the SOQ in accordance with the requirements identified herein. Each copy of the SOQs shall be tabbed and submitted in either a three-ring binder, binding screws, case binding or paperback binding, in two volumes as indicated below. Incomplete SOQs may be determined to be non-responsive; and as such, the Procurement Manager reserves the right to reject the incomplete SOQs.

IX. TRADE SECRETS AND PROPRIETARY INFORMATION

In accordance with § 2.2-4342 of the Virginia Public Procurement Act (the "VPPA") and using Attachment F of the RFQ, an Offeror may designate information set forth in its SOQ and/or any supplemental information as a trade secret or as proprietary information. To do so, an Offeror must (i) invoke the protections prior to or upon submission of the data or other materials; (ii) identify the data or

other materials to be protected; and (iii) state the reasons why protection is necessary. An Offeror shall not designate as trade secrets or proprietary information (a) an entire bid, proposal, or prequalification application; (b) any portion of a bid, proposal, or prequalification application that does not contain trade secrets or proprietary information; or (c) line item prices or total bid, proposal or prequalification application prices.

VOLUME NO. 01 - QUALIFICATIONS

- TAB 1. Executive Summary or Letter of Introduction**
- TAB 2. Table of Contents**
- TAB 3. Qualifications of Firms & Key Personnel Experience:** Narrative including Attachments A and B
- TAB 4. Resumes**
- TAB 5. Management Approach**
- TAB 6. Design Approach**
- TAB 7. Past Projects - Contractor.** Narrative including Attachment C
- TAB 8. Past Projects - Engineer.** Narrative including Attachment D
- TAB 9. Optional Information.** Information not covered above that the Offeror deems relevant.
- TAB 10. Attachment E:** State Corporation Commission (SCC) Form
- TAB 11. Attachment F:** Proprietary Information Form
- TAB 12. Attachment G:** Attachment G Prince William Water Small, Women or Minority-Owned and Service-Disabled Veteran-Owned Business Goal

VOLUME NO. 02 – FINANCIAL STATEMENT (Confidential)

Refer to Attachment B.B.13, “Financial Data”.

Attachment A
QUALIFICATIONS AND EXPERIENCE

A. Offeror Name: _____

Provide all names under which the Offeror does or has done business in the last ten (10) years:

Is the Offeror related to another firm as a parent, subsidiary, or affiliate? Yes___ No___

If yes, attach names and addresses for all affiliated, parent and/or subsidiary companies, and state the nature of each affiliation. _____

B. Address: _____

C. Tax Identification Number (EIN/SSN): _____

D. Is Offeror a corporation? Yes_____, No_____

If yes, what is the State of incorporation? _____

If not incorporated, specify method and date of organization: _____

If a partnership, attach partnership details (such as partner's names and individual contact information for each partner).

E. Initial if: Minority Owned: _____, Women Owned: _____, Service -Disabled Veteran Owned: _____, or None of the Above: _____.

If so, provide, as attachment, any governmental certifications thereof.

Specify the portions of the Work that the Offeror expects to subcontract: _____

Provide contact information including name, title, phone number and email address of the person who can respond authoritatively to any questions regarding this response: _____

F. List all companies in the Consortium of firms for this venture, and provide the following information for each:

a. Contractor _____

Years in business _____ Size of Company (# of employees) _____

b. Design Firm _____

Years in business _____ Size of Company (# of employees) _____

Attachment A
QUALIFICATIONS AND EXPERIENCE

c. MEP Engineer _____

Years in business _____ Size of Company (# of employees) _____

d. Civil Engineer _____

Years in business _____ Size of Company (# of employees) _____

e. Other _____

Years in business _____ Size of Company (# of employees) _____

G. List firm (s) that will provide completion guarantees and warranties:

a. Firm Name _____

Years in business _____

H. List Key Personnel as proposed for this project (attach resumes):

a. Project Executive Director _____

b. Design-Build Project Manager _____

c. Design Project Manager _____

d. Project Engineer _____

e. Construction Project Manager _____

f. Construction Superintendent _____

g. Community Outreach Coordinator _____

I. List Other Team Members as proposed for this project including the following:

a. Civil Engineer _____

b. Other _____

Attachment B

OFFEROR INFORMATION (PROVIDE FOR EACH PRIME FIRM)

A. MANDATORY REQUIREMENTS (PREQUALIFICATION)

1. **Responsiveness to Request for Qualification** – Responsiveness is defined in the Request for Qualification, Section B. 1, entitled Mandatory Requirements.
2. **Debarment Status** – Has the Offeror, or any affiliate, ever been the subject of any of the following actions:
 - a. Debarment (state, local or federal) Yes ___ No ___
 - b. Deletion from a Prequalified Bidders List Yes ___ No ___
 - c. Other action which resembles debarment Yes ___ No ___

If yes, provide details on a separate sheet for each instance.

3. **Project Performance**

- a. Using a separate copy of Attachment C or D for each project, provide details of five (5) or more past water main projects and five (5) or more past pump station projects that are most similar in size and scope to the Project.
 - b. Attach a list of any other relevant projects in the last five (5) years with a contract value greater than \$10 million.
 - c. Preferred Construction Experience – Provide on Attachment C.
 - d. Preferred Design Experience – Provide on Attachments D.
 - e. Experience in Comparable Projects of Similar Complexity and Size – Provide on Attachments C and D.
4. **Bonding Capacity/Statement** - Attach a signed statement from Offeror's Surety stating that, based on present circumstances, the Surety will provide performance and payment bonds for the Offeror in connection with the Project.

Total bonding capacity \$ _____

Available bonding capacity \$ _____

5. **Claims/Final Resolution/Judgments** – Have any of the following actions occurred on, or in conjunction with, any project performed by the Offeror, any affiliate, or their officers, partners or directors in the last five (5) years?
- a. Legal Action Implemented by Offeror against Owner Yes ___ No ___
 - b. Legal Action Implemented by Offeror against Subcontractor Yes ___ No ___
 - c. Legal Action Implemented by Owner Yes ___ No ___
 - d. Legal Action Implemented by Subcontractor Yes ___ No ___
 - e. Settlement or Close-Out Agreement in effect with Owner Yes ___ No ___
 - f. Judgments Yes ___ No ___
 - g. Arbitrations Yes ___ No ___

If the answer to any of items a. through g. above is yes, provide details on a separate sheet for each instance.

6. **Conviction-** Indicate whether the Offeror or any officer, director, partner, project manager, procurement manager, chief financial official, or partner thereof, shall have been convicted within the past ten (10) years of a crime related to governmental or non-governmental construction or contracting, including, but not limited to, a violation of (i) Article 6 (§ 2.2-4367 et seq.) of the Virginia Public Procurement Act, (ii) the Virginia Governmental Frauds Act (§ 18.2-498.1 et seq.), (iii) Chapter 4.2 (§ 59.1-68.6 et seq.) of Title 59.1, or (iv) any substantially similar law of the United States or another state, and without limitation of the

Attachment B

OFFEROR INFORMATION (PROVIDE FOR EACH PRIME FIRM)

foregoing:

- a. Have been convicted on charges relating to conflicts of interest? Yes ____ No ____
- b. Have been convicted on charges relating to any criminal activity relating to contracting, construction, bidding, bid rigging or bribery; Yes ____ No ____
- c. Have been convicted on charges relating to employment of illegal aliens on construction projects.
Yes ____ No ____
- d. Have been convicted: (i) under Va. Code Section 2.2-4367 et seq. (Ethics in Public Contracting); (ii) under Va. Code Section 18.2-498.1 et seq. (Va. Governmental Frauds Act); (iii) under Va. Code Section 59.1-68.6 et seq. (Conspiracy to Rig Bids); (iv) of a criminal violation of Va. Code Section 40.1-49.4 (enforcement of occupational safety and health standards); or (v) of violating any substantially similar federal law or law of another state. Yes ____ No ____

If you answered 'Yes' to any of above questions, please explain:

7. **Conflict of Interest** - Conflicts of interest and a real or perceived competitive advantage are described in state and federal law. Owner reserves the right, in its sole discretion, to make determinations relative to potential conflicts of interest on a project specific basis, in accordance with State and Local Government Conflict of Interests Act (2.2-3100 et seq.) and Virginia Public Procurement Act, Ethics in Public Contracting 2.2-4367 et seq. Offeror will identify any persons known to the Offeror who would be obligated to disqualify themselves from participating in any transaction arising from or in connection to the project pursuant to Virginia State and Local Government Conflict of Interest Act (VA Code 2.2- 3100 et seq). Further, Offeror will identify any employee, official, or elected officer of Prince William Water who has a proprietary interest in the company, corporation, partnership or other organization, and any Prince William Water employee, official or elected officer who has immediate family members (to include, spouses, parents, children, siblings) who have a proprietary interest in the company, corporation, partnership or other organization submitting the proposal.
8. **Termination - Offeror** – Has your organization ever been terminated for cause, due to default by your organization, for work awarded to it?

Yes ____ No ____

If yes, provide details on a separate sheet for each instance.
9. **Breach, Default, Debarred:** Within the last five (5) years, has your firm been disqualified, removed, or otherwise declared in material breach or default of any construction contract by a public agency, or debarred from participating in bidding for any construction contract? If yes, please explain the circumstances:

B. DISCRETIONARY REQUIREMENTS

1. **License** - Attach copies of the Offeror's Commonwealth of Virginia Contractor's & Engineer's Licenses.
2. **Authority to Do Business in the Commonwealth of Virginia** – The Offeror shall complete Attachment E, State Corporation Commission Form.

Attachment B

OFFEROR INFORMATION (PROVIDE FOR EACH PRIME FIRM)

3. **Schedule Control:** Does your company normally use a CPM scheduling control system? If yes, identify the system(s): _____
4. **Bankruptcy:** Has your business filed for bankruptcy in the last seven (7) years or is your firm currently the debtor in a bankruptcy case? If yes, please explain the circumstances:

5. **Liquidated Damages Assessment:** Has your company ever been assessed liquidated damages in the past five (5) years on a construction contract? If yes, please explain the circumstances:

6. **Performance Bond Implementation:** Within the last five (5) years has your firm ever required any performance bond surety company to complete, or arrange for completion (take-over), of any contract originally awarded to your firm? If yes, please explain the circumstances: _____

7. **Contract Termination:** Within the last five (5) years, has your firm had a contract terminated for convenience by the Owner? Within that same time, has your firm terminated a contract due to alleged default by the project Owner? If yes, please explain the circumstances:

8. **Release from Construction Bid:** Has your company filed a request to be released from a bid on a construction contract within the last five (5) years? If yes, please explain the circumstances:

9. Have been fined or adjudicated of having failed to abate a citation for building code violations by a court or a local **building** code appeals board. If yes, please explain.

10. **Personnel Qualifications/Experience:** Attach resumes of Project Executive Director, Design-Build Project Manager, Design Project Manager, Project Engineer, Construction Project Manager, Construction Superintendent, and Community Outreach Coordinator. Emphasize years of design or construction experience, last employer, last position, and experience on similar projects. Higher consideration will be given in the evaluation if the key personnel have worked together on previous successful projects and have demonstrated experience on projects similar in type and scope to the Project.

Attach resumes of other team members including Civil Engineer. Emphasize years and types of experience, last employer, last position, and experience on similar projects. Higher consideration will be given in the evaluation if the other team members have worked together on previous successful projects; have demonstrated experience on projects similar in type and scope to the Project and are familiar with Prince William County requirements.
11. **References:** Reference information is addressed on Attachments C and D.

Attachment B

OFFEROR INFORMATION (PROVIDE FOR EACH PRIME FIRM)

12. **Failure to Execute a Contract:** Has your company ever been awarded a construction contract in which you failed to execute the contract? This would include: the company not signing the contract documents; an inability of the company to obtain insurance and/or bond requirements; or failure of the company to submit required forms and attestations. If yes, please explain the circumstances:

13. **Financial Data**

- a. Submit the Offeror's (including each partner with an equity interest of twenty percent (20%) or greater) reviewed and audited financial statements from the past two (2) years, preferably 2023 and 2024. Complete balance sheets and income statements must be included. The statements shall be enclosed in a separate sealed envelope and included in the application package and it should be noted if the statement is for a parent company.

Has the Offeror, or any affiliate, ever been denied bonding or had bonding revoked?

Yes ___ No ___

If yes, provide details on a separate sheet for each instance.

- b. Provide a copy of your current credit rating.

Signed by: _____ Phone No. _____
Authorized Representative

Printed/Typed Name, Title: _____

Company: _____

Attachment C

PAST PROJECTS - CONTRACTOR

(For each cited project, the Offeror shall use a separate copy of this form to provide details of projects that are most similar in size and scope.)

1. Contractor Name: _____
If Contractor's Name is not the same as Offeror's name, state relationship (i.e. parent company, subsidiary, etc.): _____
Project Manager: _____
Superintendent: _____
2. Project Name: _____
Facility Name: _____
Project Location: _____
Contract # _____ Project # _____
Project Delivery System _____
3. Owner: _____
Address: _____

Contact Person: _____
Contact Title, Phone Number, and Email Address: _____
4. Engineer: _____
Address: _____

Contact Person: _____
Contact Title, Phone Number, and Email Address: _____
5. Construction Manager (if any): _____
Address: _____

Contact Person: _____
Contact Title, Phone Number, and Email Address: _____

Attachment C

PAST PROJECTS - CONTRACTOR

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed: _____

Contractual Completion: _____

Actual Completion: _____

7. Description of Project: _____

8. Original Contract Value: \$ _____

Final Contract Value: \$ _____

Value of Change Orders to Date: \$ _____

Value of Owner Change Orders

To Date: \$ _____

Outstanding Claims to Date: \$ _____

9. Bonding Company: _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

10. Additional Comments (attach if needed): _____

Attachment D

PAST PROJECTS - ENGINEER

(For **each** cited project, the Offeror shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Engineer Name: _____
If Architect Name is not the same as Offeror's name, state relationship (i.e. parent company, subsidiary, etc.): _____
Project Manager: _____
2. Project Name: _____
Facility Name: _____
Project Location: _____

Contract # _____ Project # _____
Project Delivery System: _____
3. Owner: _____
Address: _____

Contact Person: _____
Contact Title, Phone Number, and Email Address _____
4. Contractor: _____
Address: _____

Contact Person: _____
Contact Title, Phone Number, and Email Address _____
5. Construction Manager (if any): _____
Address: _____

Contact Person: _____
Contact Title, Phone Number, and Email Address _____

Attachment D

PAST PROJECTS - ENGINEER

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed: _____

Contractual Completion: _____

Actual Completion: _____

7. Description of Project: _____

8. Original Contract Value: \$ _____

Final Contract Value: \$ _____

Value of Change Orders to Date: \$ _____

Value of Owner Change Orders

To Date: \$ _____

Outstanding Claims to Date: \$ _____

9. Additional Comments (Attach if needed)

Attachment E

State Corporation Commission Form

The Bidder/Offeree agrees, if this bid/proposal is accepted by the Prince William Water, for such services and/or items, that the Bidder/Offeree has met the requirements of the Virginia Public Procurement Act (VPPA) § 2.2-4311.2. Any falsification or misrepresentation contained in the statement submitted by Bidder/Offeree pursuant to Title 13.1 or Title 50 of the Code of Virginia may be cause for termination by the Prince William Water.

Bidders/Offerees shall complete the following by checking the appropriate line that applies and provide the required information. Bidders/Offerees:

☐ is a corporation or other business entity with the following SCC identification number: _____ **-OR-**

☐ is not a corporation, limited liability company, limited partnership, registered limited liability partnership, or business trust **-OR-**

☐ is an out-of-state business entity that does not regularly and continuously maintain as part of its ordinary and customary business any employees, agents, offices, facilities, or inventories in Virginia (not counting any employees or agents in Virginia who merely solicit orders that require acceptance outside Virginia before they become contracts, and not counting any incidental presence of the bidder in Virginia that is needed in order to assemble, maintain, and repair goods in accordance with the contracts by which such goods were sold and shipped into Virginia from bidder's out-of-state location) **-OR-**

☐ is an out-of-state business entity that is including with this bid an opinion of legal counsel which accurately and completely discloses the undersigned bidder's current contacts with Virginia and describes why those contacts do not constitute the transaction of business in Virginia within the meaning of § 13.1-757 or other similar provisions in Titles 13.1 or 50 of the Code of Virginia.

☐ is pending before the SCC **an application that was submitted prior to the due date and time of this solicitation** for authority to transact business in the Commonwealth of Virginia and seeks consideration for a waiver to allow the submission of the SCC identification number after the due date for bids/proposals. (*Prince William Water reserves the right to determine in its sole discretion whether to allow such waiver.*)

Legal Name of Company (as listed on W-9)

Legal Name of Bidder /Offeree

Date

Authorized Signature

Print or Type Name and Title

Attachment F

Proprietary Information

In accordance with Section § 2.2-4317 of the Virginia Public Procurement Act (VPPA), the Offeror may designate portions of its Statement of Qualifications (SOQ) as trade secrets or proprietary information. To obtain protection from mandatory public disclosure laws, the Offeror must (i) invoke the protections prior to or upon submission of the data or other materials; (ii) identify the data or other materials to be protected; and (iii) state the reasons why protection is necessary. An Offeror shall not designate as trade secrets or proprietary information (a) an entire bid, proposal, or prequalification application; (b) any portion of a bid, proposal, or prequalification application that does not contain trade secrets or proprietary information; or (c) line item prices or total bid, proposal or prequalification application prices.

Is any information in your SOQ considered a trade secret or proprietary information?

☐

Yes

☐

No

If you marked “Yes”, please identify the data or other materials to be protected, with specificity as to page and section, and for each item identified, state the reasons by protection is necessary.

-

Note: If this Attachment F is left blank, the Offeror’s SOQ will be deemed not to contain any trade secrets or proprietary information.

Attachment G

PRINCE WILLIAM WATER SMALL, WOMEN, MINORITY-OWNED AND SERVICE-DISABLED VETERAN-OWNED BUSINESS GOAL

It is an important business objective of Prince William Water to promote the economic enhancement of small, women- owned, minority-owned and service-disabled veteran-owned small businesses (SDV), collectively known as SWaM. The success of Prince William Water in maximizing participation in contracting or sub-contracting opportunities of SWaM firms (whether as a prime contractor or a subcontractor) is dependent upon Prince William Water bidders/offerors and contractors partnering with us in this important endeavor.

A. Obtaining Certification

Eligible firms are encouraged to obtain certification as a SWaM business by using the services and assistance of the Department of Small Business and Supplier Diversity of the Commonwealth of Virginia (SBSD) and the Small Business Administration (SBA) or other resources to obtain certification. Prince William Water recognizes several certification sources including:

Primary Certification Entity:

The Virginia Department of Supplier Diversity (SBSD): <https://www.sbsd.virginia.gov/>

Other Certification Entity Partners of Prince William Water Include:

- (1) Small Business Administration www.sba.gov
- (2) Women's Business Enterprise National Council www.wbenc.org
- (3) National Minority Supplier Development Council www.nmsdc.org
- (4) Carolina-Virginia Minority Supplier Diversity www.cvmsdc.org
- (5) Other U.S. State or Local Government Supplier Diversity Programs such as the North Carolina Unified Certification Program, the Maryland Office of Minority Business Enterprise and other State certification programs. Some local government programs are also accepted provided the certification process is other than self-reporting.

B. Maximizing Sub-contractor Opportunities

Bidders/Offerors and Prime Contractors should take affirmative steps prior to submission of bids/proposals and after award of a contract to facilitate participation by SWaM businesses by providing subcontractor or sub-consultant opportunities or by partnering with a SWaM firm. Such efforts may include:

- (1) Establishing and maintaining a current list of small, women-owned, minority-owned and service-disabled veteran sources available to provide goods/services.
- (2) Use the services and assistance of the Department of Small Business and Supplier Diversity of the Commonwealth of Virginia (SBSD) or other similar resources to identify sub-contractors or sub-consultants.
- (3) Encourage existing sub-contractors or sub-consultants to seek certification from one of the certification programs identified above if they are eligible.

Attachment G

- (4) Segment total work requirements to permit maximum SWaM participation through subcontractors or partnerships.
- (5) Assure that SWaM firms are solicited whenever they are potential sources of goods or services.
This step may include:

Sending letters or making other personal contact with SWaM firms and SWaM related associations. SWaM firms should be contacted when other potential subcontractors are contacted, within reasonable time prior to bid/proposal submission. Those letters or other contacts should communicate the following:

- (i) Specific description of the work to be contracted;
 - (ii) How and where to obtain a copy of plans, specifications or other detailed information needed to prepare a detailed price quotation;
 - (iii) Date the information is due to the Bidder/Offeror;
 - (iv) Name, address, and phone number of the person in the Bidder/Offeror's firm whom the prospective SWaM subcontractor should contact for additional information.
- (6) Offerors and potential subcontractors are encouraged to communicate and collaborate using the B2B Connect tab on the solicitation webpage on eVA, Virginia's e-procurement portal and to follow projects on Prince William Water's website www.princewilliamwater.org.

EXHIBIT A PROJECT DESCRIPTION

A. PURPOSE

The Design-Builder shall provide professional design, project management and construction services for the design and construction of the Project. The professional design, project management and construction services shall include all disciplines necessary to design and construct the Project. The Project is comprised of design and construction of new SPS and FM.

The Design-Builder is solely responsible to assemble and lead the design-build team consisting of design professionals and all design-build construction subcontractor as required including, but not limited to: civil, structural, mechanical, electrical, plumbing, process, HVAC, geotechnical engineers, architects, and instrumentation and controls (I&C), Supervisory Control and Data Acquisition (SCADA) system equipment and programming; Programmable Logic Controllers (PLC) and programming; and, human-machine interfaces (HMI) and programming.

B. BACKGROUND/SCOPE OF WORK

BACKGROUND:

The current 25.6 MGD SPS is 50 years old, with 2 duty pumps (12.8 MGD each), 1 standby pump (14.83 MGD), and a 13.6 MGD wetwell. Featherstone SPS, L16 is vital for managing sewage flow from the eastern sewer shed to the H.L. Mooney Advanced Water Reclamation Facility (Mooney AWRP). It is one of the only two pump stations that pumps wastewater into our treatment plant at Mooney. The new SPS will be constructed at 15015 Farm Creek Dr, Woodbridge, VA. Prince William Water is acquiring an easement for this site as well as for the potential FM alignment.

SCOPE OF WORK:

1. Design and construct a new SPS adjacent to the existing facility at 15023 Farm Creek Dr, Woodbridge, VA. The headworks, wetwell, and drywell must allow for future capacity expansion.

The new Featherstone Sewage Pump Station (SPS) will be designed in a wet-pit/dry-pit configuration that ultimately can convey a peak hour flow of 43 MGD. This will be achieved in phases. Phase I provides a headworks firm capacity of 43 MGD but with pumping capacity of 33 MGD with a combination of existing 30-inch force main and a new 30-inch force main. Four dry-pit submersible pumps will be installed—three duty and one standby—each rated for 11 MGD.

Phase II (future project/s) will allow the expansion of the pumping system to 43 MGD to meet the future demand beyond 2045 by adding two pumps. A future equalization basin could be built on the existing pump station site instead of directly pumping the added flow to H.L. Mooney, with final sizing based on the selected configuration.

EXHIBIT A PROJECT DESCRIPTION

2. Design approximately 9,500-foot, 30-inch new parallel FM from the new SPS to the Mooney AWRF. The owner may elect to add the construction of the parallel FM to the work based on capacity needs and budget availability.