



MORIN BUILDING
8570 EXECUTIVE PARK AVENUE
FAIRFAX, VIRGINIA 22031

INVITATION FOR BIDS

Number: IFB 24-212

Requirement: Vertical and Horizontal Pump Repairs

Date Issued: June 18, 2024

Deadline for Questions: June 25, 2024
Prior to 2:00 PM Local Prevailing Time

Bid Due Date: July 3, 2024
Prior to 2:00 PM Local Prevailing Time

Bids to be Delivered to: Procurement Department
Fairfax Water
8570 Executive Park Avenue
Fairfax, Virginia 22031

Procurement Contact: Daniel W. Gardner, CPPB, VCA
Procurement Specialist I
Telephone: (703) 289-6247
E-Mail: dgardner2@fairfaxwater.org

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SECTION 1

1. SUMMARY INFORMATION AND SUBMISSION OF BIDS

1.1 Introduction

The Fairfax Water Authority, doing business as Fairfax Water (FW) was created under the Virginia Water and Waste Authorities Act pursuant to resolutions adopted by FW on September 26, 1957. FW is managed by a ten-member Board of Directors appointed for three-year terms by the FW Board of Supervisors.

1.2 Objective

The objective of this Invitation for Bid (IFB) is to award two Contracts for repair services to FW horizontal and vertical pumps. FW intends to award a Contract to a primary and a Contract to a secondary Contractor.

The initial term of the Contracts shall commence on the date the Contract is fully executed by FW and expiring on the last day of the 12th month following execution of the Contract by FW (Initial Contract Term). The Contracts may be renewed for four additional one-year renewal terms (Renewal Contract Terms). See Attachment 6 – Agreement referenced and incorporated in this solicitation, for more detail.

The award of the two Contracts will be made to the two responsible Bidders providing the two lowest responsive Bids based on the Total Bid Price for Evaluation as set forth in the Bid Submission Form.

The Total Bid Prices for Evaluation are based on two actual pump overhaul tasks scheduled for the fall 2024 and winter 2025, with scopes of work defined in Section 2.2 – Core Services and in Section 2.3 - Additional Services. The pricing of tasks during the Contract Term for Core Services and Additional Services shall be as shown in Section 1.2, Figure 1 – Contract Price Matrix for Core Services and Additional Services.

Figure 1. Contract Price Matrix for Core Services and Additional Services

Pump	Scope of Work	Price
EBARA 900 x 600 CDM, Horizontal Split Case Pump	Scope of Work from Section 2.2 – Core Services	Total Price of Bid Item No. 1
	Work In Addition To Scope of Work from Section 2.2 – Core Services	Position Hourly Rates and Material Discount Percentage
45 KX-L Flowserve, Two Stage Vertical Turbine Pump	Scope of Work from Section 2.2 – Core Services	Total Price of Bid Item No. 2
	Work In Addition To Scope of Work from Section 2.2 – Core Services	Position Hourly Rates and Material Discount Percentage
All Other Pumps	FW Approved Work From Initial Condition Report	Position Hourly Rates and Material Discount Percentage

**. As Bid in Attachment 3 – Pricing Schedule.*

Bid prices shall remain unchanged during the Initial Contract Term and annual adjustment requests for Renewal Contract Terms will be considered in accordance with Attachment 6 - Agreement. The position hourly rates, and the uniform material percent discount from bidder catalog price,

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which shall be bid as 0% to 99% off catalog price, shall be used for time and materials pricing as defined in Section 1.2, Figure 1. Contract Price Matrix for Core Services and Additional Services.

The Contractor selected to repair the named pumps in Section 1.2, Figure 1. Contract Price Matrix for Core Services and Additional Services, under the Core Services, shall perform such repairs at the Contract Bid Item Total Price.

Any work found to be outside of the Core Services scope of work, or any work on pumps not named in the Core Services, is considered to be Additional Services and will be addressed in accordance with Section 2.3 – Additional Services.

1.3 Cancellation

FW may cancel this solicitation at any time and for any reason prior to Contract Award.

1.4 Familiarity with Specifications

Each Bidder is responsible for thoroughly examining this solicitation in its entirety. Any questions or comments regarding the proper meaning or intent of any aspect of this solicitation, shall be submitted in writing to the Procurement Contact prior to the deadline identified on the cover sheet of this solicitation.

The submission of a Bid by the Bidder in response to this solicitation shall be deemed to constitute a representation on the part of such Bidder that it has thoroughly examined this solicitation and has submitted any and all questions and comments they may have regarding the meaning or interpretation of this solicitation to FW in the manner prescribed herein.

1.5 Questions and Communications

All contact between prospective Bidders and FW with respect to this solicitation will be formally held at scheduled meetings or in writing through the Issuing Office. Questions and comments regarding the meaning or interpretation of any aspect of this solicitation must be submitted in writing to the Procurement Contact identified on the cover page to this solicitation and must be received on or before the deadline for submitting questions. Only written questions will be accepted. Questions and/or comments which are submitted after the deadline set forth on the cover page to this solicitation will not be answered.

FW shall respond to all timely questions and comments that are properly submitted and are deemed to address a matter that is relevant and substantive in nature within a reasonable period of time, in the form of a written Addendum that shall be posted on the FW Procurement Department website. It is the responsibility of each Bidder to access this information. Oral communications between FW and any Bidder regarding the interpretation or meaning of any aspect of this IFB are not authorized and may not be relied upon for any purpose.

1.6 No Pre-Bid Conference or Site Visit

A. Due to the project timeline, FW will not hold a Pre-Bid Conference or a site visit.

B. See Section 1.7 - Bid Opening and Instructions for Submitting Bids.

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- C. Prospective Bidders may not visit any FW facilities for purposes of site visits or asking questions related to this solicitation. Prospective Bidders may submit questions following the instructions in Section 1.5 - Questions and Communications.
- D. Prospective Bidders must not ask FW staff to gain entry to FW sites. Prospective Bidders must follow instructions in Section 1.5 - Questions and Communications.

1.7 Bid Opening and Instructions for Submitting Bids

The deadline for receiving Bids and the location for opening Bids is shown on the cover sheet. Bids will be opened immediately following the deadline for receiving Bids. Bids will be opened in accordance with the provisions of the Virginia Public Procurement Act.

Interested parties may attend the Bid opening virtually from the following Microsoft Teams link:

Microsoft Teams meeting

Join on your computer, mobile app or room device

[Join the meeting now](#)

Meeting ID: 291 386 802 838

Passcode: aCTQ2g

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 571-348-5786,,337798817#](#) **United States, Arlington**

Phone Conference ID: 337 798 817#

[Find a local number](#) | [Reset PIN](#)

All Bids must be submitted in a sealed package(s), no other form of submission will be accepted (i.e., E-mail, Facsimile, etc.). Bid packages must be identified on the outside as follows:

From: _____	_____
Name of Bidder	Due Date
_____	_____
Street S A M P L E	IFB No.
_____	_____
City, State, Zip Code	IFB Title

Attn: Daniel W. Gardner
Procurement Specialist I

1.8 Bid Submission Form

Attachment 1 Bid Submission Form must be completed and signed by an agent who is fully authorized to bind the individual or organization submitting the offer to sell, to the terms, conditions and Specifications contained herein as well as any addenda to this solicitation.

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1.9 Proprietary Information

- A. Except as provided herein or as otherwise set forth in §2.2-4342 of the Virginia Public Procurement Act (Va. Code Ann. §2.2-4300 *et seq.*, the “Act”), all proceedings, records, contracts and other public records relating to procurement transactions shall be open to inspection in accordance with the Virginia Freedom of Information Act (Va. Code Ann. §2.2-3700 *et seq.*, the “Virginia FOIA”).
- B. A Bidder, Offeror or Contractor shall have the right to identify data or other materials submitted in connection with this procurement as trade secrets or proprietary information, which shall not be subject to inspection pursuant to either §2.2-4342 of the Act or the Virginia FOIA, by submitting to FW prior to or at the time of submission of its proposal or Bid a separate, written Notice on its letterhead stationery setting forth the following: (i) a statement indicating that the Bidder, Offeror, or Contractor wishes to invoke the protections of this section; (ii) an identification of the data or other materials for which protection is sought; and (iii) a statement with regard to why protection is necessary.

1.10 Addenda to the IFB

- A. FW reserves the right to amend this solicitation at any time prior to the deadline for submitting Bids. If it becomes necessary to revise any part of this IFB, notice of the revision will be given in the form of an Addendum that will be provided to all prospective Bidders who are on record with FW as having received this solicitation. If, in the opinion of FW, the deadline for the submission of Bids does not provide sufficient time for consideration of any Addendum, then such deadline may be extended at the discretion of FW.
- B. It shall be the responsibility of each Bidder to contact the Procurement Contact identified on the cover page to this solicitation prior to submission of a Bid hereunder in order to determine whether any Addenda have been issued in connection with this procurement. Notwithstanding any provision to the contrary, the failure of any Bidder to receive any Addenda shall neither constitute grounds for withdrawal of its Bid, nor relieve such Bidder from any responsibility for incorporating the provisions of any Addenda in its Bid.

1.11 Receipt of Addenda

Acknowledge receipt of each addendum by signing it and submitting it by the Bid deadline. Failure to return a signed addendum may result in a Bid being determined non-responsive.

1.12 Late Bids

Bids or unsolicited amendments to Bids arriving after the Bid submission deadline will not be considered.

1.13 Public Notice of Award

Public notice of Award will be posted on the official FW web site <http://www.fairfaxwater.org/procurement>

1.14 Definitions

- A. **Award** – means the decision by FW to execute a Contract after all necessary approvals have been obtained.
- B. **Bid** – means the response by a Bidder to an Invitation for Bids issued by a procurement agency to obtain goods or services.
- C. **Bidder** – means any person submitting a response to an IFB.

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- D. **Contract** – means the formal agreement as a result of this solicitation.
- E. **Contract Completion** – means the point in time when FW Project Manager confirms in writing that the Contract has been completed as contracted for and the Contractor is released from any further obligations. All remaining payments due the Contractor shall be approved for payment at this time.
- F. **Contractor** – means the successful Bidder receiving a Contract as a result of this solicitation.
- G. **Default** – means that the Contractor has failed to fulfill its contractual obligations properly and on time.
- H. **FW** – means FW. The terms Owner and FW have the same meaning.
- I. **Notice** – The term “Notice” or the requirement to notify means a written communication delivered in person, by facsimile, email, or by certified or registered mail to the individual or firm, or to an officer of the Contractor for whom it is intended.
- J. **Owner** – FW Authority.
- K. **Project** – The term “Project” means the same as the phrase “the Work.”
- L. **Project Officer** – means FW employee assigned to this project for purposes of oversight of the project. The Project Officer is responsible for all aspects of the Contract (excluding Contract modifications) after Contract Award, including but not limited to approving design changes, and authorizing payment for completed work.
- M. **Specifications** – The term “Specifications” describes the physical or functional characteristics or the nature of a good, service or construction item required. It may include a description of any requirement for inspecting, testing, or preparing a good, services or construction item for delivery.
- N. **Work** – The word “Work” shall include all material, labor equipment and tools, appliances, machinery, transportation, and appurtenances necessary to perform and complete the Contract, and any such additional items not specifically indicated or described which can be reasonably inferred as belonging to the item described or indicated or as required by industry practice, custom or usage to complete the project as proposed by the Bidder and accepted by FW.

1.15 Required Qualifications for Bidders

- A. Bidders must have a minimum of five (5) years of experience in repairing vertical turbine and horizontal split case centrifugal pumps from manufacturers listed in Section 2.3 Subsection D, for a Priority Customer as defined in Section 2.8 – Priority Customer. Bidder shall demonstrate experience in overhauling pumps up to FW’s largest pumps: FW largest pump is a 41,666 gallon per minute Byron Jackson 56 KX-L vertical turbine pump, with overall length of 68.5’ (discharge head to bottom of suction bell) and up to 10’ dual (inner and outer) column sections.
- B. Bidders must provide in Attachment 2 – References, three (3) references for three (3) examples of pump repairs that were completed within the past five (5) years on pump similar to the pumps listed in Section 1.15 Subsection A, or to the two pumps described in Section 2 – Scope of Work. One reference should be a vertical turbine and one shall be a horizontal split case centrifugal pump.
- C. Bidders must furnish in Attachment 4 – Qualifications, names and certifications of personnel holding the following required qualifications:
 - 1. Association for Materials Protection and Performance (hereafter, “AMPP”) Basic Coatings Inspector Certification (hereafter, “CIP Level 1”) for coating.
 - 2. National Institute for Metalworking Skills (NIMS) or equivalent certification for machining.

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3. American Welding Society (AWS) or equivalent certification in welding for flat, overhead, horizontal and vertical welding positions and certified welding inspectors.
 4. American National Standards Institute (ANSI) National Accreditation Board (ANAB) accredited Vibration Analyst Certification.
 5. Certified List of licensed professional engineers on staff
- D. Bidders must possess capacity to perform in-house machining, pump component evaluation and engineering, procure or manufacture original equipment manufacturer-equivalent components, and transport pumps weighing up to 45,000 pounds. Bidders shall have field service capability for removal and re-installation of pumps when required.

1.16 Contract Award

- A. FW anticipates awarding two contract awards as a result of this IFB. The primary award, if made, will be made to the Bidder who is the lowest responsible Bidder submitting the lowest responsive Bid for a primary Contractor on the total price for two planned pump overhauls, the first, an EBARA 900 x 600 CDM, Horizontal Split Case Pump at GTP, scheduled for fall 2024 and the second, a 45 KX-L Flowserve, Two Stage Vertical Turbine Pump at GTP, scheduled for late winter 2025 (the scope of work for these particular pumps are hereafter the “Core Services”). Pump overhauls performed in accordance with Section 2.2 on subsequent identical manufacturer and model number pumps in the Core Services during the term of the Contract, shall be priced at the Total Price of Bid Item No. 1 and/or Bid Item No. 2.
- B. Any secondary award, if made, will be made to the next lowest responsible Bidder submitting the next lowest responsive Bid for a secondary Contractor on the total price for two planned pump overhauls.
- C. As part of the Bid for the Core Services, Bidders shall provide a breakdown of the hourly rates by positions performing the work, and a material discount percentage. If, when performing the Core Services, the successful Bidder discovers work in addition to the Core Services which needs to be performed (this work is hereafter the “Additional Services”), the Additional Services shall be priced using the hourly rates and material discount percentage used to price the Core Services in the Bid.
- D. Additional Services shall also include as-needed additional service defined in Section 2.4, Normal and Expedited Service, wherein the Normal and Expedited Service shall be priced using the firm and fixed hourly rates and material discount percentage used to price the Core Services in the Bid.
- E. Whenever the lowest responsive and responsible Bidder is a resident of a state other than Virginia and such state under its laws allows a resident contractor of that state a percentage preference, a like preference shall be allowed to the lowest responsive and responsible bidder who is a resident of Virginia and is the next lowest bidder. If the lowest bidder is a resident contractor of a state with an absolute preference, the bid preference shall not be considered.
- F. FW will determine which Contractor is to be selected in accordance with Section 3.32, Contractor Selection and Award of Individual Contracts.
- G. No minimum percentage of the Work is guaranteed to any Contractor.

1.17 Term of Contract

The initial term of any resulting Contract shall commence on the date the Contract is fully executed by FW and expiring on the last day of the twelfth (12th) month following execution of the Contract by FW ('Initial Contract Term'), unless otherwise stated as provided in the Contract Documents.

This Contract may be renewed for a term not to exceed one (1) year ('Renewal Contract Term') by written Notice given by FW at any time prior to thirty (30) Days after expiration of the preceding Initial Contract Term or Renewal Contract Term. No representative of FW has any authority to order, direct, or request work after expiration of the Initial Contract Term or Renewal Contract Term and prior to a Renewal Contract Term in strict compliance with the renewal terms herein. FW, at its sole discretion, has the right, but is under no obligation, to exercise this right to renewal not to exceed four additional one-year periods at the same terms and conditions.

1.18 Annual Economic Price Adjustment

- A. Contractors may submit a request for a contract price increase once annually. Any annual increase in prices or rates shall be limited to the most recently published Consumer Price Index for All Urban Consumers (CPI-U) for Washington-Arlington-Alexandria (unadjusted for seasonal changes) for the 12-month period ending 90 days prior to the end of the then current contract year. The CPI-U for Washington-Arlington-Alexandria (unadjusted for seasonal changes) is the default index for the duration of any resultant contract.
- B. If the CPI-U for Washington-Arlington-Alexandria is not the appropriate index for the item(s) being bid, the Bidder may substitute any other single BLS price index (e.g., Producer Price Index – metals) providing that the substitute price index constitutes the greatest component of the contract item. Multiple price indexes will not be considered or allowed. Bidder must specify in the Bid Submission Form the specific BLS Group and BLS Item that is to be used on their Bid Submission Form. The specific BLS index identified by the Bidder on their Bid Submission Form will be used for the duration of the contract. If the substituted BLS index is discontinued by the BLS during any contract term, the Bidder may submit a request to the Procurement Contact to change the substituted BLS index to a different BLS index so as long as the newly substituted BLS index meets the requirements of this paragraph. If an alternate BLS index does not exist, or if the Contractor fails to request a change in the BLS index, the Contractor will automatically revert to the CPI-U for Washington-Arlington-Alexandria for the remainder of the contract terms.

1.19 Delays

By the Contractor: After prior written warning to the Contractor, FW may declare the Contractor in default for unacceptable delays. If such a declaration is made, FW reserves the unilateral right to cure the default by any means available to FW, including (but not limited to) liquidated damages and to recover any additional costs, lost funds and/or related expenses. This is not a limitation of FW's legal rights to recover damages due to Contractor default in any other way.

By FW: The Contractor shall not be responsible for delays caused by FW, its agents, or other Contractors. To the extent that the Contractor is unable to proceed due to the actions or inactions of FW, its agents, employees or other Contractors, the Contractor shall be granted an extension to the delivery schedule equal to the documented amount of time the Contractor was prevented from performing work. The Contractor shall not be eligible for damages as a result of FW delays.

1.20 Force Majeure

If a delivery is delayed by Act of God, terrorism, war, embargo, fire, or explosion not caused by the negligence or intentional act of the Contractor or his subcontractors or supplier(s), a reasonable extension of time as FW deems appropriate may be granted. Upon receipt of a written request and justification for any extension from the Contractor FW may in its sole discretion (i) extend the time for delivery of the Commodity; (ii) suspend the Contract in whole or in part and obtain one or more of the Commodities elsewhere for a time, or (iii) terminate the Contract; all without liability to Contractor on the part of FW, as the case may be. Contractor request and justification shall be subject to such substantiation and further inquiries as FW may require.

1.21 Contractor's Compliance and Safety Program

- A. The Contractor shall comply with all applicable Federal, State, and local safety programs, regulations, standards, and codes, to include though not limited to:
 - 1. The Virginia Uniform Statewide Building Code,
 - 2. Building Officials & Code Administrators (BOCA) codes (together with adopted International Codes),
 - 3. Virginia Department of Health (VDH) regulations,
 - 4. Virginia Department of Environmental Quality (DEQ) regulations,
 - 5. Virginia-OSH (VOSH) regulations, and
 - 6. National Electric Code (NEC).
- B. The Contractor shall have a written safety program that complies with all applicable OSHA and VOSH standards for General Industry regulations. A copy of these programs shall be provided to FW with the Contractor's general safety program not later than seven days after contract award and before beginning work.
- C. When working in a confined space, the Contractor shall utilize only personnel trained for confined space entry and shall provide all entry equipment including atmospheric test equipment.
- D. Hard Hat Area: Contractor's employees shall comply with Contractor safety program while onsite.

1.22 Contractor's Responsibilities

- A. The Contractor shall be responsible for all products and/or services as required by this solicitation. The use of subcontractors is prohibited unless:
 - 1. A request to include a subcontractor is included in the solicitation submission and,
 - 2. The Bidder shall submit a separate list in Attachment 2 – References for each proposed subcontractor that includes three references for similar pump repair projects completed within the past five (5) years.
 - 3. The Bidder receives written approval to use a subcontractor prior to, or as part of the formal contract between the parties.
- B. Even when properly authorized by FW, the use of a subcontractor does not relieve the Contractor of liability under the contract.
- C. The Contractor, at its sole expense, shall be responsible for damage to FW and non-FW property as a result of its failure to protect such facilities and utilities.

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- D. Where the Contractor's Work may cause damage or disrupt existing FW property including but not limited to utilities, plant equipment, instrumentation and control systems, etc. the Contractor shall make arrangements necessary for the protection of such property. The Contractor, at its sole expense, shall immediately replace FW property removed or damaged by, or at the direction of, the Contractor or any Subcontractor to the Contractor. Replacements will be new and current technology unless otherwise provided for in these specifications, or authorized by the FW Project Manager.
- E. Contractor shall return all work areas to the same or better condition than prior to start of work. Contractor must notify the FW Project Manager of any area, piece of equipment, etc., that is damaged or not in the same or better condition than prior to start of Work. The Contractor shall be responsible for repair, replacement, etc., of any such property, which is within the Contractor's area of responsibility and is found to be in need of repair/service by the FW Project Manager. Acceptance shall not occur until all such damages are either repaired or replaced or for which FW is reimbursed a fair and reasonable sum as negotiated and agreed to in writing, by the FW Project Manager.

1.23 Permits

The Contractor shall obtain and provide all required permits from the appropriate issuing authority.

1.24 Site Safety and Access

- A. The Contractor shall schedule and coordinate the Work and install temporary facilities as required to maintain continuous operation and access to existing equipment in the area of Work. The Contractor shall not commence retrofit work until authorized by the FW Project Manager. The Contractor is advised that FW may, at its sole discretion, delay or stop work as required to ensure continuous and reliable operation of the facility, especially during peak flow events.
- B. The Contractor shall secure the Site and all areas of Work to prevent access and the potential for injury to its employees, FW employees, its agents, and others, by construction and installation of temporary guardrails, fencing, barricades, highway cones, warning signs/tape, etc., and other appropriate means, and as directed by the FW Project Manager. Such hazards include but are not limited to mechanical hazards, electrical hazards, surface irregularities or construction tools and equipment.
- C. FW shall have the right to deny access to the Site, or require the Contractor to remove from the Site, any individual who has exhibited violent, abusive, or threatening behavior or conduct.
- D. FW may limit, restrict, or prohibit access to areas of the Site on a permanent or temporary basis. When access to such restricted areas is required by the Contractor to perform the Work, the Contractor shall obtain permission from the FW Project Manager and shall comply with such conditions or limitations to access as may be imposed by the FW Project Manager.
- E. FW may restrict parking or require parking permits for vehicles to be brought onto the plant. The Contractor shall be responsible for arranging transportation for its personnel to reach the job sites from whatever parking area is provided by FW.

1.25 Superintendence by Contractor

- A. The Contractor shall have a competent supervisor, satisfactory to FW, on the job site at all times during the progress of the Work. The Contractor shall be responsible for coordinating all

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portions of the Work under contract except where otherwise specified in the contract documents, and for all safety and worker health programs and practices. The Contractor shall notify the Project Manager, in writing, of any proposed change in superintendent including the reason therefore prior to making such change.

- B. The Contractor shall at all times enforce strict discipline and good order among the workers on the project. The Contractor shall not employ on the Project any unfit person, anyone not skilled in the work assigned to him, or anyone who will not work in harmony with those employed by the Contractor, subcontractors, FW or FW's separate Contractors and their subcontractors.
- C. FW may, in writing, require the Contractor to remove from FW property, any employee FW deems to be incompetent, careless, not working in harmony with others on the site, or otherwise objectionable.

1.26 Time Is Of the Essence

Time is of the essence! This is a time critical project! Once started, this project must continue without delay or interruption, and unauthorized delays by the Contractor are prohibited. After prior written warning to the Contractor, FW may declare the Contractor in breach of Contract for unacceptable delays. If such a declaration is made, FW reserves the unilateral right to cure the breach by obtaining the services of a qualified Contractor to complete the project and charge any additional or increased costs to the Contractor.

1.27 References

Each Bidder shall submit with its Bid, three references (See Attachment 2 – References). References shall be able to attest without reservation to the fact that the Bidder provided the contracted goods/services without a significant problem of any kind, and at any time during the term of the Contract.

1.28 Insurance

In addition to the mandatory insurance requirements listed in Section 3.3 (Insurance Requirements, and, at the request of FW, any Bidder may be required to provide a list of all insurance claims made against it within the past 36 months. FW reserves the right to reject any Bid if in FW's opinion the amount or number of claims is deemed to be excessive. A Bidder's failure to comply with this requirement may result in rejection of its Bid. If no claims have been made, then the Bidder shall so state in its Bid. FW may require such information from the Contractor as it deems necessary to assess the Contractor financial ability to pay any deductibles with respect to the insurance policies required hereunder.

1.29 Authorization to Transact Business in Virginia

Each Bidder that is organized or authorized to transact business in the Commonwealth of Virginia pursuant to Title 13.1 or Title 50 of the Virginia Code shall include with its Bid the identification number issued to it by the Virginia State Corporation Commission. Any Bidder that is not authorized to transact business in Virginia as a foreign entity under Title 13.1 or title 50 of the Virginia Code or as otherwise required by law shall include in its Bid a statement describing why the Bidder is not required to be so authorized.

1.30 Brand Names

In the case of Bids specifying brand names or models:

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- A. Unless otherwise provided in this solicitation, the name of a certain brand, make or manufacturer does not restrict Bidders to the specific brand, make or manufacturer named, but conveys the general style, type, character, and quality of the article desired. Any article that FW, in its sole discretion, determines to be the equal of that specified, considering quality, workmanship, economy of operation, and suitability for the purpose intended, shall be accepted. Each Bidder is responsible to clearly identify the product being offered (by manufacturer's name, model, part number, etc.) and to provide sufficient descriptive literature, catalog cuts and technical detail to enable FW to determine if the product offered meets the requirements of the solicitation. Failure to furnish adequate data for evaluation purposes may result in declaring an offer non-responsive. Unless the Bidder clearly indicates that the product offered is an "equal" product, such Bid will be considered to offer the brand name product specified in this solicitation.
- B. For purposes of this solicitation and any contract that may result here from, FW's designation of any one or more manufacturers and/or suppliers as "preapproved" or "acceptable" shall signify only that such manufacturers and/or suppliers previously have submitted work samples or the like to FW which satisfied FW's requirements. FW's designation of any one or more manufacturers and/or suppliers as "preapproved" or "acceptable" shall in no event be deemed or construed to be a representation or warranty on the part of FW of any such manufacturer's or supplier's capability or capacity (in terms of financial wherewithal, personnel and equipment availability, managerial ability or otherwise) of performing any of the requirements of this solicitation in accordance with the terms and conditions hereof. Each Bidder shall conduct such independent investigation into the qualifications, experience and abilities of its selected manufacturers and suppliers as it deems appropriate under the circumstances.

1.31 Debarment Status

By submitting a Bid in response to this solicitation, each Bidder certifies that it is not currently debarred by the federal government, the Commonwealth of Virginia, or any agency or department thereof from submitting a Bid or proposal in connection with any procurement project and that it is not an agent of any person or entity that currently is so debarred.

1.32 Duration of Bids

Bids shall be valid for a minimum of 90 days following the deadline for submitting Bids. If an Award is not made during that period, all Bids shall be automatically extended for another 90 days. Bids will be automatically renewed until such time as either an Award is made, or proper notice is given to FW of Bidder's intent to withdraw its Bid. Bids may only be withdrawn by submitting written notice at least seven days before the expiration of the then current 90-day period.

1.33 Incorporation by Reference

This solicitation is issued in accordance with, and controlled by, the Virginia Public Procurement Act (VPPA), which is incorporated into and made part of the solicitation. By submitting a Bid in response to this solicitation, all Bidders acknowledge the VPPA and agree to be bound by it. A copy of the VPPA is available for inspection at the Procurement Department at FW. It is also available at the Virginia Department of General Services, Department of Purchases and Supply Website:

<http://www.eva.virginia.gov/pages/eva-vppa.htm>

1.34 Negotiation With Low Bidder

If the lowest Bid submitted by a responsive and responsible Bidder exceeds available funds for this procurement, then FW may, in its discretion, conduct negotiations with the lowest responsive and

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responsible Bidder (the “Low Bidder”) in an effort to obtain a Contract price that is within available funds. In such event, FW will notify the Low Bidder verbally or in writing that its Bid exceeds available funds and will schedule a conference with the Low Bidder, FW staff, and such advisors and consultants as FW deems appropriate in order to discuss possible modifications to the scope of the procurement that may result in a price that is within available funds. The conference and any subsequent negotiations may be conducted in person or by telephone. If, during the conference, the parties arrive at an acceptable modification to the scope of the project and a Contract price that is within available funds, then FW may Award a Contract to the Low Bidder based upon the newly modified terms and conditions. Otherwise, the Low Bidder will, within 15 days after the date of the conference (or such longer or shorter period as may be specified in writing by FW), submit to FW a written addendum to its original Bid Form which describes its proposed modification(s) to the scope of the procurement and sets forth the Low Bidder’s newly adjusted Bid price. FW may conduct further negotiations with the Low Bidder or request additional clarifications or modifications. If the Low Bidder’s proposed modifications are acceptable to FW and the associated contract price is within available funds, then FW may a

Award a Contract to the Low Bidder based upon the modified terms and conditions. If the proposed modifications are not acceptable to FW, or the associated price reductions are not within available funds, then FW will terminate negotiations and reject all Bids.

1.35 Unit Prices Prevail

In the event that there is a mathematical error on the summary sheet, the unit price for each item shall prevail. All costs to provide the goods and/or services specified in this solicitation shall be shown on the attached Bid summary sheet. Line items left blank will be interpreted as at no cost to FW.

END OF SECTION 1

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SECTION 2

2 SPECIFICATIONS & SCOPE OF WORK

2.1 Definition of Services

- A. Core Services specifications are delimited by the scope of work and specifications defined in Section 2.2, Core Services.
- B. Additional Services specifications are delimited by the scope of work defined in Section 2.3, Additional Services.
- C. Additional Services shall be performed according to Normal and Expedited Service procedures as defined in Section 2.4, Normal and Expedited Service.

2.2 Core Services

- A. The Core Services specifications shall include overhaul of EBARA 900 x 600 CDM, Horizontal Split Case Pump at GTP, a horizontal split case pump, and 45 KX-L Flowserve, Two Stage Vertical Turbine Pump at GTP, a vertical turbine pump.
- B. Scope of work for the EBARA 900 x 600 CDM, Horizontal Split Case Pump at GTP:
 - 1. Tentatively scheduled for fall 2024 work on below pump.
 - a. EBARA 900 x 600 CDM, Horizontal Split Case Pump
 - b. Application: Raw water pumping
 - c. Model: EBARA 900 x 600 CDM
 - d. Serial Number: R000249001 (1/3)
 - e. Capacity: 26,000GPM
 - f. TDH: 194'
 - g. RPM: 710 RPM
 - h. Pump Location: Lorton, Virginia, 22079
 - i. Assembled Pump Weight (excluding motor or base): 15,320 lbs
 - 2. Provide round trip transportation to and from Fairfax Water facility in zip code 22079. Pump station crane can be used to load pump.
 - 3. Receive pump and document visual condition for shipping damage. Inventory components, measure and record impeller float and shaft extension dimensions.
 - 4. Complete a Pump Condition Assessment Report within thirty (30) calendar days of receiving the pump in the Contractor's shop.
 - 5. Disassemble, clean, dry abrasive blast clean all cast and non-machined components to achieve SSPC-SP10, near-white blast cleaning.
 - 6. Inspect pump components.
 - a. Visually check and dimensionally record all components clearance and fit.
 - b. Shaft: shaft run outs and fits, bearing, sleeve clearance/fits, Including couplings, and keyway and keys.
 - c. Impeller: visually inspect vanes, measure bore and keyway clearances. Measure impeller wearing ring to case wearing ring clearance.

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- d. Case: Visual inspect for pitting, rust, cavitation damage, etc. Measure foot flatness and parallelism. Measure bearing bore for concentricity.
 - e. Create shop drawings for all manufactured components, regardless of condition, for future construction.
 - f. Document findings in a “Pump Condition Assessment Report” to include photos, dimensions, and additional repair recommendations. Provide a quote for additional repairs not included in the Section 2.2.B.7, Perform Minimum Repairs. These additional repairs shall be Additional Services, according to Section 2.3
7. Perform Minimum Repairs:
- a. Press fit three SKF bearings: two outboard SKF 7232B and one inboard SKF 6232.
 - b. Replace two stainless steel 403 impeller wearing rings (39.69” impeller) and two bronze (CAC 406) case wearing (24.5” diameter) rings to restore 0.039” - 0.047” clearance.
 - c. Replace shaft sleeves (7.3” ID), stainless steel 304 sleeve nuts, two bronze CAC 406 lantern rings (9.35” O.D. x 7.93” I.D. x 1.42” wide), and bronze CAC 406 labyrinth seals (7.05” ID).
 - d. Replacement of all single use items: o-rings, snap and lock rings, all nuts, bolts, fasteners, gaskets.
 - e. Repair pitting in case: Deck and line bore and restore register fits and ensure concentricity and perpendicularity with all internal components. Dowel and re-pin bearing housings to centerline of pump. Bore and bush inboard and outboard bearing housings. Restore minor pitting with Belzona 1341 or approved equal metal repair epoxy.
 - f. Coat all interior and exterior non-rotating surfaces per coating specification and product manufacturer’s product data sheet.
 - g. Dynamically balance impeller assembly (with shaft, shaft sleeves and nuts) to API 610 4w/n.
 - h. Assemble and inspect. Measure total rotor end play and thrust bearing clearance.
8. Furnish a Post Overhaul report, defined as a report including below elements:
- a. Provide an initial condition report and description of repairs.
 - b. Provide final dimensions, fits and clearances on all components.
 - c. Provide required NDT, coatings and balance reports.
 - d. Provide shop drawings for all components.
 - e. Provide start-up details and warranty information.
- C. Scope of work for the 45 KX-L Flowserve, Two Stage Vertical Turbine Pump at GTP:
1. Tentatively scheduled for winter 2025 work on below pump.
 - a. 45 KX-L Flowserve, Two Stage Vertical Turbine Pump.
 - b. Application: Finished (potable) water pumping
 - c. Model: Flow Serve 45 KX-L 2 Stage Vertical Turbine Pump
 - d. Serial Number: 00RE15138
 - e. Capacity: 21,600 GPM
 - f. TDH: 270’

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- g. RPM: 710 RPM
 - h. Pump Location: Lorton, Virginia, 22079
 - i. Approximate assembled pump weight (excluding motor): 30,500 lbs
 - j. Impeller Lift setting: 0.030”
2. Provide round trip transportation to and from Fairfax Water facility in zip code 22079. Pump station crane can be used to load pump.
 3. Receive pump and document visual condition for shipping damage. Inventory components, measure and record impeller float and shaft extension dimensions.
 4. Complete a Pump Condition Assessment Report within thirty (30) calendar days of receiving the pump in the Contractor’s shop.
 5. Disassemble, clean, dry abrasive blast all cast and non-machined component to achieve SSPC-SP10, near-white metal cleaning.
 6. Inspect pump components.
 - a. Visually check and dimensionally record all components clearance and fit.
 - b. Shaft: Run outs and diameter, shaft sleeves, bearing, couplings, keepers, keys, lock rings.
 - c. Pump head: top bearing, perpendicular and concentricity to column. Stuffing box and packing gland condition.
 - d. Impeller: vanes, bores, and bearings. Measure Impeller wearing ring to case wearing ring clearance.
 - e. Suction bell and bowl condition: bores, bearings, and wear.
 - f. Columns: Register fits, perpendicular and concentricity at bowl assembly, column fits to head, bowls, and each other.
 - g. Create shop drawings for all manufactured components, regardless of condition, for future construction.
 - h. Document findings in a “Pump Condition Assessment Report” to include photos, dimensions, and additional repair recommendations. Provide a quote for additional repairs not included in the Section 2.2.C.7, Perform Minimum Repairs. These additional repairs shall be Additional Services, according to Section 2.3
 7. Perform Minimum Repairs.
 - a. Repair Column Corrosion and pitting: excavate, weld and grind smooth corroded areas >0.100 inches deep or >1 inch in diameter at 100 locations per column.
 - b. Machine six column mating registers on columns to restore API 610 and industry standards. Assume all as found register fits (male to female) are +/- 0.016 inches. Provide overall column length decrease for coupling spacer adjustment by Fairfax Water. Column dimensions are as follows:

Column Dimensions

Register Section	Register Type	Nominal Dimension	Section Length
Discharge head	Female	30”	87”
Column 3 Upper	Male	30”	64”
Column 3 Lower	Female	30”	
Column 2 Upper	Male	30”	98”
Column 2 Lower	Female	30”	

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Column 1 Upper	Male	30"	98"
Column 1 Lower	Female	31"	
Bowl 2 Upper	Male	37.5"	120"
Bowl 2 Lower	Female	37.5"	
Bowl 1 Upper	Male	37.5"	
Bowl 1 Lower	Female	37.5"	
Suction Bell	Male	37.5"	

- c. Press fit four bronze bearings to restore 0.010" - 0.012" diametrically clearance to shaft in four locations:

Locations

Location	Shaft Diameter
Discharge Head	5.00"
Upper Bowl Assembly	4.25"
Lower Bowl Assembly	4.25"
Suction Bell	3.50"

- d. Press fit two bronze backed rubber cutlass bearings and shaft sleeves (stainless steel A 473 TP 420) in 1st and 2nd column to restore 0.012" - 0.016" clearance with 4.25" shaft. Machine and replace packing box bore bushing.
- e. Replace two case and two impeller wearing rings (stainless steel A 479 TP 316) for 25" impeller, restoring 0.025" - 0.027" clearance diametrically.
- f. Press fit new stuffing box shaft sleeve (stainless steel A 473 TP 420).
- g. Replacement of all single use items: o-rings, snap and lock rings, all nuts bolts fasteners.
- h. Prep and coat pump components discharge head, columns, bowls, suction bell per coatings specification and product manufacturer's product data sheet.
- i. Dynamically balance impellers API 610 4w/n. Assemble and inspect bowl assembly.
8. Furnish a Post Overhaul report, defined as a report including below elements:
- Provide initial condition report and description of repairs.
 - Provide final dimensions, fits and clearances on all components.
 - Provide required NDT, coatings and balance reports.
 - Provide shop drawings for all components.
 - Provide start-up details and warranty information.

2.3 Additional Services

- A. If, when performing the Core Services, the Contractor discovers work in addition to the Core Services which needs to be performed, the Additional Services shall be priced using the Contract hourly rates and material discount percentage.
- B. Additional Services shall also include as-needed additional Normal and Expedited Service to pumps not named in Section 2.2 - Core Services.

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- C. Additional Services shall be performed according to Normal and Expedited Service delivery dates stipulated in Purchase Orders under the delivery order Contract.
- D. Additional Services shall be performed on pumps from a manufacturer list including but not limited to the following:
 - 1. Allis_Chalmers
 - 2. American Marsh
 - 3. Byron Jackson
 - 4. Ebara
 - 5. Fairbanks Morse
 - 6. Flowserve
 - 7. Goulds
 - 8. ITT A-C
 - 9. Johnston
 - 10. Layne & Bowler
 - 11. Patterson
 - 12. Peabody Floway
 - 13. Peerless
 - 14. Ruhr Pumpen
 - 15. Sulzer
 - 16. Worthington

2.4 Normal and Expedited Service

- A. FW has several locations throughout Fairfax County that require Normal Service or Expedited Service. FW may issue either a Normal Service or Expedited Service request.
- B. Normal Service requires the Contractor to pick up the pump within ten (10) business days of FW request for quote for Routine Service. The Contractor shall then complete a Pump Condition Assessment Report within thirty (30) calendar days of receiving the pump in the Contractor's shop for Routine Service. If so requested by FW, the Contractor shall inspect the pump on-site at FW within five (5) business days of FW request for quote for on-site Normal Service. The Contractor shall then complete a Pump Condition Assessment Report within thirty (30) calendar days of inspecting the pump on-site at FW for Normal Service. Normal Service shall be priced according to Attachment 3 – Pricing Schedule. Final delivery date for Normal Service shall be by mutual agreement between FW and Contractor after FW review of Pump Condition Assessment Report.
- C. Expedited Service requires the Contractor to inspect the pump on-site within 24 hours of FW request for Expedited Service, to pick up the pump within five (5) business days of the on-site inspection date, and to provide a Pump Condition Assessment Report within (15) calendar days of receiving the pump in the Contractor's shop for Expedited Service. If so requested by FW, the Contractor shall perform a Pump Condition Assessment Report and/or repair the pump on-site at FW. Expedited Service shall be priced according to Attachment 3 – Pricing Schedule. Final delivery date for Expedited Service requires shall be by mutual agreement between FW and Contractor after FW review of Pump Condition Assessment Report.

2.5 Mandatory Requirements for Work Performance

- A. FW will issue a Normal Service or Expedited Service request. The request shall identify the pump to be repaired, and the required turn-around or delivery time. If the Contractor does not respond to the FW Project Officer with a quote with fair and reasonable pricing by the deadline, Contractor may be deemed non-responsive to that request. If FW finds Contractor non-responsive two consecutive requests, Contractor may be deemed in breach of Contract.
- B. The Contractor's written quote shall include, at a minimum:
 - 1. A complete scope of work to repair the pump.
 - 2. All labor hours, by type, quantity, and unit cost and extended cost per Contract labor pricing.
 - 3. All materials listed by manufacturer name, manufacturer part number, quantity, unit cost and extended cost with Contract material discount percentage indicated.
 - 4. Total number of calendar days required to complete repairs after receipt of written approval by the FW Project Officer for Expedited Service or of FW Purchase Order for Normal Service.
 - 5. The Contractor shall include written recommendations for substitutions that will increase pump life, reduce costs, or reduce the delivery lead-time as separate options on their quote, if Contractor has such recommendations. The Contractor shall not proceed with any recommendations without written approval by the FW Project Officer for Expedited Service or of FW Purchase Order for Normal Service.
- C. Contractor shall generate a Pump Condition Assessment Report, defined as a detailed inspection of all parts, complete with all "As Found" dimensional data for bearing, coupling and register fits, inclusive of digital pictures. The Contractor shall also include a completed Data Sheet, defined as a detailed listing of all pump performance metrics measured by the Contractor in completing the Pump Condition Assessment Report.
- D. A revised quote shall be submitted to the FW Project Officer by the Contractor, if necessitated based on the results of the Pump Condition Assessment Report.
- E. The Contractor shall not proceed with any repairs until receiving written approval by the FW Project Officer for Expedited Service or of FW Purchase Order for Normal Service.
- F. All pump coatings shall be in accordance with Section 2.6, Coating Materials and Performance Requirements, in its entirety, without exception, and shall be certified by a AMPP Basic Coatings Inspector / CIP Level 1 Certification to ensure compliance with the specifications.
- G. Pump Removal: FW reserves the right to perform removal of any pump using FW employees and FW owned equipment. FW will notify the Contractor of the repair requirement to remove a pump and the Contractor shall include the cost in the written quote for the actual work.
- H. Crane Services: FW will provide a crane as needed to remove or reinstall a pump.
- I. Transportation: All costs associated with transportation shall be included in the transportation costs as quoted by the Contractor. All pumps shall be transported by the Contractor, at the Contractor's risk, and returned to FW (FOB Destination).

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- J. DOT Permit: The Contractor shall obtain, at the Contractor's sole expense, any and all required DOT hauling permits from the appropriate jurisdiction. All permit costs shall be included in the quoted transportation price provided by the Contractor.
- K. Vibration Readings: The baseline vibration readings of the repaired pump shall adhere to the Hydraulic Institute Standards or .19 inches/second peak "filtered velocity", whichever is more stringent, as measured by FW staff in the presence of the Contractor (s) field engineer.
- L. If the repaired pump does not meet requirement of section 2.5.K, Vibration Readings, the Contractor shall be responsible for all costs to bring the repaired pump into compliance at no additional cost to FW. FW reserves the right to invoice or back charge the Contractor (s) for any additional contract labor, FW internal labor, equipment or material charges incurred by FW as a result of the Contractor's breach of Contract.
- M. A material certificate verifying the material meets original equipment manufacturer quality requirements shall be submitted to FW for all metals included in the repair.
- N. Dynamic Balance and Certificate: All rotating equipment must be balanced to the latest version of American Petroleum Institute 610 4W/N. When a dynamic balance test is performed with an FW staff as witness to the final balancing of all rotating equipment, a Dynamic Balance Certificate (see Attachment 5) shall be submitted to the FW Project Officer. The Contractor is not required to use Attachment 5 for reporting purposes if they have their own form that presents all required information in a clear and easily understandable format. FW reserves the right to require Contractor (s) to use FW forms if the Contractor (s) form is deemed unacceptable by the FW Project Officer.
- O. At the direction of FW, shafts shall be ultrasound tested by an independent third-party prior before machining. The third-party testing company shall provide the Contractor ultrasound test results that guarantee the shaft has no imperfections and is not in danger of prematurely failing. Contractor shall submit the ultrasound results to the FW Project Officer with the Dynamic Balance Certificate.
- P. If rolling bearings are required to be replaced, they must be replaced with brand name SKF Group Brands bearings, or approved Fairfax Water equal.

2.6 Coating Materials and Performance Requirements

- A. Contractor Personnel: The Contractor shall either directly employ or subcontract with personnel holding AMPP Basic Coatings Inspector / CIP Level 1 Certification, that shall certify all coatings applied to any FW owned and repaired pump is in compliance with these specifications or the OEM recommendations, whichever is stricter.
- B. Coating Materials: Tnemec Series 21 Epoxoline "Off-White", unless otherwise specified or approved by the FW Project Officer.
- C. All coatings shall be National Sanitation Foundation / American National Standards Institute /Health Canada 61/600 Certified for use with drinking water system components and of the type as manufactured for the purpose intended and shall be applied in accordance with the manufacturer's product data sheet.

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- D. All coatings shall be in manufacturer's originally sealed containers bearing the manufacturer's labels identifying the paint type, color and batch number.
- E. All materials used on the project shall be from the same manufacturer. For multi-coat systems, each coat shall be of a contrasting color. The color of the final top-coat shall be chosen to ensure that the last coat achieves adequate hiding power and provides a solid and consistent visual appearance.
- F. Materials shall be stored in a designated space with temperatures of no less than 40°F (4.5°C) and no more than 110°F (43°C).
- G. Surface Preparation & Pre-Cleaning: Contaminants such as oil, grease, dirt, etc. on the substrate shall be removed in accordance with Society for Protective Coatings (hereafter, "SSPC-") "SP1" Solvent Cleaning.
- H. All weld seams shall be cleaned of rust, slag and adherent mill scale. All weld spatter shall be removed in accordance with SSPC-SP2 Hand Tool Cleaning and/or SSPC-SP3 Power Tool Cleaning.
- I. Dry Abrasive Blasting: All surfaces to be painted or coated shall be prepared in a workmanlike manner and in accordance with the manufacturer's product data sheet, to obtain a clean and dry surface that is properly prepared for coating.
- J. Prepare the clean, dry substrate by dry-abrasive blasting in accordance with surface preparation standard The Association for Materials Protection and Performance No.2 / SSPC-SP10, Near-White Metal Blast Cleaning.
- K. After dry-abrasive blasting, all grit, dust and other surface contaminants shall be removed and the prime-coat shall be applied within four (4) hours of completion of blasting or before any detrimental corrosion or recontamination occurs.
- L. Coating Application: All Coatings shall be applied in strict accordance with the paint manufacturer's product data sheet. All work shall be performed by skilled workmen in a safe and workmanlike manner that is satisfactory to Fairfax Water.
- M. Environmental Testing: Immediately prior to, during, and after (when applicable) any coating application, environmental testing shall be performed by the Inspector to ensure that the surface temperature of the substrate is at least 5°F greater than the dew point in the immediate area where coating is to take place in accordance to American Society for Testing and Materials (hereafter, "ASTM") D3276-00 Standard Guide for Paint Inspectors (Metal Substrates).
- N. Environmental Controls/Enclosures: In the event that any environmental controls (heaters, dehumidifiers, enclosures, etc.) are needed in order to obtain acceptable conditions for coating, acceptable environmental conditions shall be maintained during the coating's drying time.
- O. Paint Mixing: All coatings shall be mixed and thinned/reduced, and all sweat-in/induction and pot-life times shall be in accordance with the manufacturer's product data sheet and instructions. All paint containers shall be tightly closed except when paint is being withdrawn.

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- P. **Stripe Coating:** A Stripe Coat is a brushed coat of paint that is applied prior to a full coat of paint being applied to an entire surface. A Stripe Coat application shall be applied prior to the prime coat, intermediate coat and topcoat. At a minimum, the following areas shall have a stripe coat application prior to each coat.
1. Edges
 2. Weld Seams
 3. Outside Corners
 4. Nuts and Bolts (heads and threads)
 5. Crevices
- Q. **Dry Film Thickness (DFT):** The application of each coat shall be at the rate required to achieve at least the minimum, but not more than the maximum, DFT specified in the manufacturer's product data sheet. Each coat shall be inspected in accordance with SSPC-PA 2 Measurement of Dry Paint Thickness with Magnetic Gauges or ASTM DT 7091-13 Standard Practice for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metals and Nonmagnetic, Nonconductive Coatings Applied to Non-Ferrous Metals.
- R. **Drying/Recoat Minimum and Maximum Times:** All subsequent coatings shall be applied within the timeframe (minimum and maximum) listed on the drying schedule on the manufacturer's product data sheet.

2.7 Time of Performance

All Core Services and Additional Services shall be performed and completed in accordance with the delivery time range of the Normal Service or Expedited Service request. Failure of the Contractor to deliver within the time range may result in a breach of Contract by the Contractor.

2.8 Priority Customer

The Contractor understands and acknowledges that FW provides services that are essential to the health and welfare of the public. To the extent that the Contractor shall prioritize and/or allocate services among its customers. Repair requirements of FW shall be honored before service is provided to a customer with no obligations with regard to the public health and welfare.

2.9 Prohibited Procedures

- A. No adulterant, unauthorized paint thinner/reducer or other material not included in the paint formulation shall be added to the paint for any reason.
- B. No coating shall be applied prior to the inspection and approval by Fairfax Water.
- C. Spray welding is prohibited on shafts and other rotating components.

END OF SECTION 2

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SECTION 3

3. STANDARD TERMS AND CONDITIONS

3.1 Drug-Free Workplace

During the Contract term , Contractor agrees to (i) provide a drug-free workplace for Contractor employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in Contractor workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of Contractor that Contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor, subconsultant, or vendor. For purposes hereof, a “drug-free workplace” shall mean the site for the performance of the Work contemplated hereby.

3.2 Non-Discrimination by Contractor

Contractor covenants and agrees as follows:

- A. During the Term, Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, or national origin, except where religion, sex or national origin is a bona fide occupational qualification reasonably necessary to the normal operation of Contractor. Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
- B. Contractor, in all solicitations or advertisements for employees placed by or on behalf of Contractor, will state that Contractor is an equal opportunity employer.
- C. Notices, advertisements, and solicitations placed in accordance with federal laws, rules, or regulations shall be deemed sufficient for the purpose of meeting the requirements of this Section.

Contractor will include the provisions of the foregoing Sections 3.2(A), (B), and (C) in every subcontract, subconsulting agreement, and purchase order over \$10,000, in order that the provisions above will be binding upon each subcontractor, subconsultant, and vendor.

3.3 Non-Discrimination by FW

FW represents and warrants that it does not discriminate against faith-based organizations.

3.4 No Employment of Unauthorized Aliens

Contractor hereby covenants and agrees that it does not, and shall not during the term of this Contract, knowingly employ an unauthorized alien (as such term is defined in the federal Immigration Reform and Control Act of 1986).

3.5 Right of Audit

Contractor covenants and agrees to retain all books, records, and other documents (electronic or otherwise) relating this Contract (the “Project Records”) for at least five (5) years after final payment hereunder. Project Records will be deemed to exclude books, records, and other documents if and

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to the extent they are protected by the attorney-client privilege. FW and its authorized agents (the "Auditing Parties") shall have full access to and the right to examine the Project Records upon written request at any time, and from time to time, during the term of this Contract and for a period of five (5) years thereafter. Contractor hereby covenants and agrees that, within 10 days after it receives written notice from an Auditing Party, it will make the Project Records available for inspection and copying by such Auding Party during Contractor regular business hours, with copies being provided at a reasonable cost payable by the Auditing Party. Any failure on the part of Contractor to comply with the provisions of this Section will constitute a breach of the Contract and, regardless of whether such failure occurs during the term of the Contract, or within the five-year period commencing on the date of final payment hereunder, will constitute sufficient grounds for debarment Contractor. Contractor hereby agrees that it will pay and be responsible for all costs and expenses (including court costs and attorneys' fees) incurred by an Auditing Party in enforcing this provision.

3.6 Dispute Resolution Process

Contractual claims, whether for money or for other relief, will be submitted in writing to FW not later than 60 days after final payment; provided however, that written Notice of Contractor intention to file such claim must:

- A. Be delivered to the attention of FW's Procurement Manager, at the address shown in the Notice provisions of the Contract, not later than five days after the occurrence or of the beginning of the Work upon which the claim is based; and
- B. Contain a reasonably detailed description of the basis of the claim.

Contractor failure to comply with the foregoing requirements will result in a waiver of the claim. FW will make a written decision upon any such claim within 60 days after submittal of the claim. Contractor will not institute legal action prior to receipt of FW's decision on the claim unless FW fails to render such decision within 90 days after submittal of the claim. The decision of FW will be final, unless Contractor initiates legal action as provided in § 2.2-4364 of the Virginia Code. Failure of FW to render a decision within 90 days will not result in Contractor being awarded the relief claimed, nor will it result in any other relief or penalty. The sole result of FW's failure to render a decision within the time allotted will be Contractor right to immediately institute legal action. No administrative appeals procedure pursuant to § 2.2-4365 of the Virginia Code has been established for contractual claims under this Contract.

3.7 Antitrust

By entering into a Contract, the Contractor conveys, sells, assigns, and transfers to FW all rights, title and interest in and to all causes of action it may now have or hereafter acquire under the antitrust laws of the United States and the Commonwealth of Virginia, relating to the particular goods or services purchased or acquired by FW.

3.8 Arrearage

During the term of the Contract, the Contractor shall not be in arrears in the payment of any obligation due and owing FW, the Commonwealth of Virginia, or any public body in the Commonwealth of Virginia, including but not limited to any obligation to pay taxes and/or employee benefits.

3.9 Compliance with Laws, Regulations and Codes

The Contractor hereby represents and warrants that:

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- A. It is qualified and properly licensed to do business in the Commonwealth of Virginia and that it will take such action as, from time-to-time hereafter, may be necessary to remain so qualified.
- B. It is not in arrears with respect to the payment of any monies due and owing FW, the Commonwealth of Virginia, or any department or unit thereof, including but not limited to the payment of taxes and employee benefits, and that it shall not become so in arrears during the term of this Contract.
- C. It shall comply with all federal, State, and local laws, regulations, and ordinances applicable to its activities and obligations under this Contract; and
- D. It shall obtain at its expense, all licenses, permits, insurance, and governmental approval, if any, necessary to the performance of its obligations under this Contract.

3.10 Contract Changes / Change Orders

- A. No verbal agreement or conversation with any officer, agent, or employee of FW either before or after the execution of any Contract resulting from this solicitation or following negotiations, shall affect or modify any of the terms, conditions, Specifications, or obligations contained in the solicitation, or resulting Contract. No alterations to the terms and conditions of the Contract shall be valid or binding upon FW unless made in writing and signed by the Procurement Contact identified on the cover page. Contract changes shall be in writing and shall be on official FW Procurement Department letterhead. In any event and in all circumstances, the Contractor shall be solely liable and responsible for any Contract changes, deviations, etc., made without first receiving written authorization to deviate from the Contract by the FW Project Officer.
- B. Changes can be made to the Contract in any of the following ways:
 - 1. The parties may agree in writing to modify the scope of the Contract. An increase or decrease in the price of the Contract resulting from such modification shall be agreed to by the parties as a part of their written agreement to modify the scope of the Contract.
 - 2. FW may order changes within the general scope of the Contract at any time by Notice to the Contractor. Changes within the scope of the Contract include, but are not limited to, things such as services to be performed, the method of packing or shipment, and the place of delivery or installation. The Contractor shall comply with the Notice upon receipt. The Contractor shall be compensated for any additional costs incurred as the result of such order and shall give FW a credit for any savings. Said compensation shall be determined by one of the following methods:
 - a. By mutual agreement between the parties in writing; or
 - b. By agreeing upon a unit price or using a unit price set forth in the Contract, if the work to be done can be expressed in units, and the Contractor accounts for the number of units of work performed, subject to FW's right to audit the Contractor records and/or to determine the correct number of units independently; or
 - c. By ordering the Contractor to proceed with the work and keep a record of all costs incurred and savings realized. A markup for overhead and profit may be allowed if provided by the Contract. The same markup shall be used for determining a decrease in price as the result of savings realized. The Contractor shall present FW with all vouchers and records of expenses incurred and savings realized. FW shall have the right to audit the records of the Contractor, as it deems necessary to determine costs or

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savings. Any claim for an adjustment in price under this provision must be asserted by Notice to the Procurement Department. Neither the existence of a claim nor a dispute resolution process, litigation or any other provision of this Contract shall excuse the Contractor from promptly complying with the changes ordered by FW or with the performance of the Contract generally.

3.11 Contractor Responsibilities

- A. The Contractor shall be responsible for all products and/or services as required by this IFB. The use of subcontractors is prohibited unless:
 - 1. A request to include a subcontractor is included in the Bid; and,
 - 2. The Bidder receives written approval to use a subcontractor prior to, or as part of the formal contract between the parties; or,
 - 3. The Contractor receives approval to use a subcontractor if FW at its sole discretion determines subcontractor approval would expedite the return of a pump to service, improve a repair outcome, or reduce cost, without compromising service quality.
- B. Even when properly authorized by FW, the use of a subcontractor does not relieve the Contractor of liability under the Contract. Subcontractors will be approved only when both the Contractor and the subcontractor meet the qualifications to provide quality control and assurance of the subcontracted work. For example, if a Contractor requests to subcontract blasting and coatings, both the Contractor and the subcontractor shall have at least an AMPP Basic Coatings Inspector / CIP Level 1 Certification on staff to provide acceptable quality assurance and quality control.
- C. The Contractor, at its sole expense, shall be responsible for damage to FW and non -FW property as a result of its failure, or its subcontractor failure to protect such facilities and utilities.
- D. The Contractor, at its sole expense, shall immediately repair or replace FW property damaged by (or caused by) the Contractor or its Subcontractor(s). Replacements will be of equal or better quality than the property damaged property, and all such work must be approved by FW Project Officer.

3.12 Delivery

In the case of solicitations that require delivery to FW:

- A. By submitting a Bid in response to this solicitation, the Bidder guarantees delivery of Contract items within the timeframe specified herein or as indicated in the Bidders Bid submission form. Failure to deliver within the time specified, or as amended in writing by FW, or failure to make replacements of rejected Contract items, shall constitute a breach of Contract and may be grounds for a declaration of default in addition to any other remedies FW may be entitled to.
- B. Deliveries must be made by within the delivery time specified in the Bid submission document. If a delay is anticipated, the Contractor must provide as much advanced Notice as possible to FW. Failure to honor a delivery schedule may result in damages to FW. The Contractor is liable for any and all costs incurred by FW due to such failures.
- C. National Terrorism Advisory System: If the National Terrorism Advisory System places the water / wastewater industry on an Elevated Alert or Imminent Alert, all deliveries shall be between the hours 7:30 a.m. and 2:00 p.m., Monday through Friday unless specially requested

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by the plant. As each delivery leaves the Contractor yard, the Plant is to be advised as to the driver's name and trailer number and estimated arrival time. Upon arrival, the driver will be required to show photo ID and the trailer number will be checked and verified before delivery is allowed on site. Failure to follow these procedures may result in a refusal of the delivery at the Contractor risk and expense. FW may add additional screening requirements if an Elevated Alert or Imminent Alert is in place

3.13 Ethics in Public Contracting

Contractor hereby certifies that it has familiarized itself with Article 4 of Title 11 of the Virginia Public Procurement Act, Section 11-72 through 80, Virginia Code Annotated, and that all amounts received by it, pursuant to a Contract resulting from this solicitation, are proper and in accordance therewith.

3.14 Examination of Records

Contractor agrees that during the Contract term, either FW or its duly authorized representative shall have access to and the right to examine and copy any directly pertinent books, documents, papers, and records of the Contractor involving transactions related to any resulting Contract. This obligation shall expire five years after the final payment for the final service performed as a result of this Contract, or until audited by FW, whichever is sooner. Contractor will provide reasonable access to any and all necessary documents and upon demand provide copies of documents if so, required by FW or its representative(s). FW will reimburse the Contractor for any reasonable expenses it incurs as a result of such a request.

3.15 Formation of Contract

A. The words "Contract" and "Purchase Order" are used interchangeably unless the context otherwise plainly requires. The documents comprising the Contract shall be accorded the following order of precedence:

1. Any Change Orders or Amendments;
2. All Purchase Orders;
3. Any Addenda to the IFB;
4. This IFB (including all Appendices and Attachments hereto); and
5. The Bidder's completed Bid Tabulation Form (including any drawings and submittals).

B. The Contract to be entered into as a result of this IFB shall be by and between the Bidder as Contractor and FW. It shall include the following items, which are listed in order of precedence:

1. The fully executed Contract between the parties, or FW Purchase Order,
2. The IFB and any Addenda to the IFB,
3. The Bidder's response to the IFB (including any drawings and submittals), and
4. All correspondence between the parties regarding this IFB.

C. Anything called for by one of the Contract documents and not called for by the others shall be of like effect as if required or called for by all, except that a provision clearly designed to negate or alter a provision contained in one or more of the other Contract documents shall have the intended effect.

3.16 Indemnification and Responsibility for Claims and Liability

- A. The Contractor shall indemnify, save harmless and defend FW, or any employee of FW, against liability for any suits, actions, or claims of any character whatsoever arising from or relating to the performance of the Contractor or its subcontractors under this Contract.
- B. FW has no obligation to provide legal counsel or defense or pay attorney's fees to the Contractor or its subcontractors in the event that a suit or action of any character is brought by any person not party to the Contract, against the Contractor or its subcontractors as a result of or relating to the Contractor obligations under this Contract.
- C. FW has no obligation for the payment of any judgments or the settlement of any claims against the Contractor or its subcontractors as a result of or relating to the Contractor obligations under this Contract.
- D. The Contractor shall pay all royalties and license fees necessary for performance of the Contract. The Contractor shall defend all suits or claims for infringement of any patent rights or other proprietary rights arising from or related to performance of the resulting Contract and shall save FW harmless from any loss, including Attorneys' fees arising out of any such claim.

3.17 No Waiver or Estoppel

Neither the inspection by FW nor any of its employees, nor any payment of money, nor payment for, nor acceptance of any Commodity by FW, nor any extension of time shall operate as a waiver of any provision of this Contract, or of any power herein reserved to the Owner or of any right to damage herein provided. No waiver of any breach of this Contract shall be held to be a waiver of any other subsequent breach. All remedies provided in this Contract to FW shall be construed as cumulative and shall be in addition to each and every other remedy herein provided. Neither FW, nor any officer, employee, or authorized representative of FW, will be bound, precluded, or estopped by any action, determination, decision, acceptance, return, certificate, or payment made or given under or in connection with the Contract by any officer, employee or authorized representative of the Owner, at any time either before or after final completion and acceptance of the Work and payment therefore from: (a) showing the true and correct classification, amount, quality, or character of the Commodities delivered, or that any determination, decision, acceptance, return certificate or payment was incorrect or was improperly made in any respect, or that the Commodities or any part thereof do not in fact conform to the requirements of the Contract; (b) demanding and recovering from the Contractor any overpayment made to the Contractor or such damages as FW may sustain by reason of the Contractor failure to comply with the requirements of the Contract; or (c) both of the foregoing clauses (a) and (b).

3.18 Pass-through Price Increases and Decreases

For annually renewable Contracts:

- A. Increases: FW recognizes that the Contractor sources of supply and transportation may pass onto the Contractor unanticipated and significant price increases. FW will consider requests by the Contractor to allow "pass-through" price increases when accompanied with sufficient proof. Only the Contractor direct supplier's price increases will be considered. FW reserves the right to accept or reject all such requests. FW will not allow price increases that are greater than the amount passed on to the Contractor, or for a period outside of the current Contract year.

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- B. Decreases:
1. Pass through price increases shall cease at the end of the then current Contract year and Contract pricing will return to the pre-pass-through rate. The Contractor will be eligible for and only upon request, the annual economic price increase as defined in subsection 3.18 above.
 2. Prior to the end of the then current Contract year, the pass-through increase shall be reduced or eliminated when and as the cause of the increase is reduced or eliminated.
- C. Pass through price increases will not be a substitute for poor planning by the Contractor. Pass through increase will not be allowed for the first six months of any Contract year. Price increases will be effective upon the date such a request is received in writing; and will not be made retroactive.

3.19 Payment Clauses Required in All Contracts

Section § 2.2-4352 of the Virginia Public Procurement Act requires the following:

- A. That any Contract Awarded by FW include the following clauses:
1. The Contractor shall take one of the two following actions within seven days after receipt of amounts paid to the Contractor by FW for work performed by any subcontractor(s) under the Contract:
 - a. The Contractor shall pay its subcontractor(s) for the proportionate share of the total payment received from FW attributable to the work performed by the subcontractor under that contract; or
 - b. Notify FW and any subcontractor(s), in writing, of his intention to withhold all or a part of the subcontractor payment with the reason for nonpayment.
 2. Bidders shall include in their offer submissions either: (i) if an individual Contractor, their social security numbers; and (ii) proprietorships, partnerships, and corporations to provide their federal employer identification numbers.
 3. The Contractor shall pay interest to the subcontractor(s) on all amounts owed by the Contractor that remain unpaid after seven days following receipt by the Contractor of payment from FW for work performed by the subcontractor under the Contract, except for amounts withheld as allowed in subdivision one.
 4. Unless otherwise provided under the terms of this Contract, interest shall accrue at the rate of one percent per month.
- B. The Contractor shall include in each of its subcontracts a provision requiring each subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor.
- C. A Contractor obligation to pay an interest charge to a subcontractor pursuant to the payment clause in this section shall not be construed to be an obligation of FW. A Contract modification shall not be made for the purpose of providing reimbursement for the interest charge. A cost reimbursement claim shall not include any amount for reimbursement for the interest charge.

3.20 Payment

- A. Invoices: All invoices are to be sent directly to FW Accounts Payable department by mail, fax, or e-mail. Invoices shall include the FW Purchase Order / Contract number and the Contractor

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FEIN. Invoices are not to be sent to the Contract Project Officer, or other departmental reps. Failure to comply may result in late payments for which FW will not be liable.

- B. Terms: All payments will be Net 30 from the date of receipt of a valid invoice at FW Finance Department. Payment terms requiring payment in less than 30 days will be regarded as requiring payment 30 days after invoice or delivery, whichever occurs last. This shall not affect offers of discounts for payment in less than 30 days, however.
- C. Invoices: The Contractor shall submit invoices for items ordered, delivered, and accepted, directly to the Finance Department, to the attention of Accounts Payable. Invoices shall show FW Purchase Order or Contract number and are subject to review and approval by FW Project Officer.
- D. Partial Payments: Requests for partial payments or advanced payments must be submitted as part of the Price Bid along with a justification. FW reserves the right to accept, reject or negotiate requests for partial payments. If the request is rejected, the Bidder must waive the requirement in order to remain in consideration.
- E. Refunds: If the Contractor is declared to be in default, FW will be eligible for a full and immediate refund for all payments made to the Contractor. Partial Payments: Requests for partial payments or advanced payments must be submitted as part of the Price Offer along with a justification. FW reserves the right to accept, reject or negotiate requests for partial payments. If the request is rejected, the Bidder must waive the requirement in order to remain in consideration.
- F. Unreasonable Charges: Under certain emergency procurements and for most time and material purchases, final job costs cannot be accurately determined at the time orders are placed. In such cases, final payment is contingent on a determination of reasonableness with respect to all invoiced charges. Charges that appear to be unreasonable will be researched and challenged, and that portion of the invoice held in abeyance until a settlement can be reached. Upon determining that invoiced charges are not reasonable, FW shall promptly notify the Contractor, in writing, as to those charges that it considers unreasonable and the basis for the determination.

3.21 Precedence of Terms

These General Terms and Conditions shall apply in all instances. In the event there is a conflict between any of the other General Terms and Conditions and any Special Terms and Conditions in this solicitation, the Special Terms and Conditions shall apply.

3.22 Price Firm Period

Bid prices shall be firm and fixed and not be subject to change during the Initial Term of the Contract.

3.23 Price and Title

All prices are for Commodities delivered F.O.B. the facility set forth on the Purchase Order and shall represent the entire cost to FW. Title for such Work shall pass to FW upon receipt and acceptance thereof at FW's designated facility.

3.24 Purchase and Sale Transaction

Any transaction for the purchase and sale of any Commodity shall be effected by FW's issuance to the Contractor of a Purchase Order, in which event the Contractor covenants and agrees to furnish

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all Commodities described therein in strict accordance with the terms and conditions of such Purchase Order and the other documents that together constitute the Contract.

3.25 Taxes

FW is exempt from Federal Excise Taxes, Virginia State Sales and Use Taxes, and the District of Columbia Sales Taxes and Transportation Taxes. FW's tax identification number is 54-6025290.

3.26 Termination of Contract

A. For Cause. In the event that the Contractor: (1) fails to deliver any Commodity or Service in accordance with the time period established therefore in the Contract; or (2) fails to furnish any Commodity or Service which conforms in all respects to the requirements of the Contract; then FW, without prejudice to any other rights or remedies it may have at law or in equity (including its right to seek damages from the Contractor), shall have the right to terminate the Contract and any outstanding Purchase Orders by issuing a written Notice of termination to the Contractor. Such Notice of termination shall describe in reasonable detail the grounds for the termination and shall take effect immediately upon receipt by the Contractor.

If, after issuance of a Notice of termination under this Section it is determined for any reason that cause for such termination did not exist, then the rights and obligations of the parties shall be the same as if the Notice of termination had been delivered under the provisions of subsection B (termination for convenience) hereof; provided, however, that the Contractor in such event shall be deemed to have received seven days prior written Notice of such termination. Any compensation due the Contractor pursuant to subsection B shall be offset by the cost to FW of remedying the default by the Contractor. The Contractor shall in no event be entitled to receive any consequential damages or any anticipated profits with respect to Commodities not yet furnished to, and accepted by, FW as of the effective date of any such termination.

B. For Convenience. FW shall have the right to terminate the Contract and/or any outstanding Purchase Orders issued hereunder at its own convenience for any reason by giving seven business days prior written Notice of termination to the Contractor. In such event, the Contractor shall be paid an amount equal to the actual cost of any Commodity delivered to, and accepted by, FW and the actual cost of any equipment, goods or materials ordered by the Contractor hereunder in good faith which could not be canceled, less the salvage value thereof, provided sufficient substantiation is furnished to FW. Any subcontract entered into by the Contractor in connection with the transactions contemplated hereby shall contain a similar termination provision for the benefit of the Contractor and FW. The Contractor shall in no event be entitled to receive anticipated profits on any Commodities not yet furnished to and accepted by FW as of the effective date of any such termination.

3.27 Virginia Freedom of Information Act

Except as provided herein, all proceedings, records, contracts, and other public records relating to procurement transactions shall be open to the inspection of any citizen, any interested person, firm, or corporation, in accordance with the Virginia Freedom of Information Act.

3.28 Warranty

A. The Contractor warrants that, unless otherwise specified, all materials and equipment incorporated in the work under the Contract shall be new, in first class condition, and in accordance with the Contract documents. The Contractor further warrants that all workmanship

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shall be of the highest quality and in accordance with Contract documents and shall be performed by persons qualified at their respective trades.

- B. Materials and equipment shall be fully guaranteed against defects in material and workmanship for a period of 12 months following date of final acceptance. Should any defect be noted by the FW, the Project Officer will notify the Contractor of such defect or non-conformance. Notification will state either (1) that the Contractor shall replace or correct, or (2) FW does not require replacement or correction, but an equitable adjustment to the Contract price will be negotiated. If the Contractor is required to correct or replace, it shall be at no cost to FW and shall be subject to all provisions of this clause to the same extent as materials initially delivered. If the Contractor fails or refuses to replace or correct the deficiency, the office issuing the purchase order may have the materials corrected or replaced with similar items and charge the Contractor the costs occasioned thereby or obtain an equitable adjustment in the Contract price.
- C. Work not conforming to these warranties shall be considered defective.
- D. This warranty of materials and workmanship is separate and independent from and in addition to any of the Contractor other guarantees or obligations in this Contract.
- E. NOTE: Any implied warranties, including but not limited to the warranty for “Merchantability and Fitness for A Particular Purpose” cannot be waived and are a mandatory part of this solicitation and any ensuing Contract.

3.29 Immigration Reform and Control Act of 1986

By entering this Contract, the Contractor certifies that it does not and will not during the performance of this Contract violate the provisions of the Federal Immigration Reform and Control Act of 1986, which prohibits employment of illegal aliens.

3.30 Insurance

- A. Before commencing the work, the Contractor shall procure and maintain at its own expense, minimum insurance in forms and with insurance companies acceptable to FW to cover loss or liability arising out of the Work. All insurance policies must be underwritten by insurers authorized to conduct business within the Commonwealth of Virginia and must have a Best's rating of at least A- and a financial size of class VIII or better in the latest edition of Best's Insurance Reports.
- B. The Contractor shall immediately notify FW of any claim or suit made or filed against the Contractor or its subcontractors regarding any matter resulting from or related to the Contractor obligations under the Contract. If such a claim or suit is brought, the Contractor will cooperate, assist, and consult with FW in the defense or investigation of any suit or action made or filed against FW as a result of or relating to the Contractor performance under this Contract.
- C. With the exception of Workers' Compensation and Employers' Liability Insurance, all additional insurance policies specified herein shall name FW as an additional insured with regard to work performed under any subsequent Contract.
- D. The Contractor will provide FW with copies of certificates of insurance coverage and proof of payment of all premiums. Each certificate of insurance must include: (a) an endorsement from the insurer that certifies that the Contractor maintains the referenced policy in full force and

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effect; (b) where applicable, a statement indicating that FW is included as an additional insured; and (c) a provision requiring that not less than 30 days written Notice will be given to FW before any policy or coverage is canceled or modified in any material respect. Without limiting the requirements set forth above, the insurance coverages will include a minimum of:

1. Workers' Compensation and Employers' Liability Insurance: Statutory requirements and benefits as required by the Commonwealth of Virginia; and
2. Required Commercial General Liability Insurance: This insurance must be written on an "occurrence" basis and shall be endorsed to include FW as an additional insured and shall provide at a minimum the following:

◆ General Aggregate Limit (Other than Products-Completed Operations)	\$1,000,000
◆ Products-Completed Operations Aggregate Limit	\$ 500,000
◆ Personal & Advertising Injury Limit	\$ 500,000
◆ Each Occurrence Limit	\$ 500,000
For Construction Contracts:	
◆ Directors & Officers – Errors & Omissions	\$2,000,000

E. Business Automobile Liability Insurance: This insurance coverage must extend to any motor vehicles or other motorized equipment regardless of whether it is owned, hired, or non-owned and must cover Bodily Injury and Property Damage with a combined single limit of at least \$500,000 each accident. This insurance must be written in comprehensive form and must protect the Contractor and FW against claims for injuries to members of the public and/or damage to the property of others arising from the Contractor use of motor vehicles or other equipment and must cover both on-site and off-site operations.

F. Nothing contained herein will be deemed to operate as a waiver of FW’s sovereign immunity under the law.

3.31 Rider Clause

This Contract has been awarded by FW not only for its benefit, but for the benefit of any other public body eligible to participate in use of the services herein solicited by means of cooperative procurement as provided by, and to the extent permitted by, §2.2-4304 of the Virginia Public Procurement Act.

3.32 Contractor Selection and Issuance of Purchase Orders

A. It is the intent of FW to allocate the Core Services to the primary Contractor, and if such primary Contractor should be found in breach of Contract for the Core Services, FW may re-allocate the Core Services to the secondary Contractor after canceling the Purchase Order of the primary Contractor.

B. It is the intent of FW to allocate Additional Services that shall be priced using the firm and fixed hourly rates and material discount percentage in the Pricing Schedule, based on the following criteria:

1. Normal Service shall be awarded to Primary Contractor. If primary Contractor quote price is determined by FW in its sole discretion to be not fair and reasonable, FW reserves the right to re-allocate the Normal Service to the secondary Contractor if in the best interest of FW.

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2. Expedited Service shall be allocated to the Contractor who can deliver the pump repair quickest.
3. FW provides no guarantee that any Bidder awarded a Contract resulting from this solicitation will be selected for a minimum number of Projects.

END OF SECTION 3

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**ATTACHMENT 1
BID SUBMISSION FORM**

THE UNDERSIGNED UNDERSTANDS AND ACKNOWLEDGES THE FOLLOWING:

THE OFFICIAL, TRUE, AND COMPLETE COPY OF THE SOLICITATION DOCUMENTS, WHICH SHALL INCLUDE ANY ADDENDUMS THERETO, IS THE ELECTRONIC COPY OF THE SOLICITATION DOCUMENTS AVAILABLE FROM FW'S WEBSITE AT:

<https://www.fairfaxwater.org/contracts> .

POTENTIAL BIDDERS ARE RESPONSIBLE FOR DETERMINING THE ACCURACY AND COMPLETENESS OF ALL SOLICITATION DOCUMENTS THEY RECEIVE, INCLUDING DOCUMENTS OBTAINED FROM FW, AND DOCUMENTS OBTAINED FROM ALL OTHER SOURCES.

INDICATE THE NAME AND CONTACT INFORMATION OF THE PERSON WHO CAN RESPOND AUTHORITATIVELY TO ANY QUESTIONS REGARDING THIS BID (AUTHORIZED AGENT).

NAME (PRINTED): _____ TITLE: _____

E-MAIL ADDRESS: _____ TEL. NO.: _____

COMPANY NAME: _____

ADDRESS: _____

TRADE SECRETS OR PROPRIETARY INFORMATION:

Trade secrets or proprietary information submitted by a Bidder in connection with a procurement transaction shall not be subject to public disclosure under the Virginia Freedom of Information Act. However, §2.2-4342. Public inspection of certain records, F., of the Virginia Public Procurement Act states that the Bidder, Offeror or Contractor shall (i) invoke the protections of this section 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.

Please mark one:

- () No, the Bid I have submitted does not contain any trade secrets and/or proprietary information.
() Yes, the Bid I have submitted does contain trade secrets and/or proprietary information.

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If Yes, you must clearly identify below the exact data or other materials to be protected and list all applicable page numbers of the Bid containing such data or materials:

State the specific reason(s) why protection is necessary:

If you fail to identify the data or other materials to be protected and state the reasons why protection is necessary in the space provided above, you will not have invoked the protection of §2.2-4342. Public inspection of certain records, F., of the of the Code of Virginia. Accordingly, effective upon the award of Contract, the Bid will be open for public inspection consistent with applicable law.

CERTIFICATION OF NON-COLLUSION:

The undersigned certifies that this Bid is not the result of, or affected by, any act of collusion with another person (as defined in Code of Virginia Section 59.1-68.6 et seq.), engaged in the same line of business or commerce; or any act of fraud punishable under the Virginia Governmental Frauds Act (Code of Virginia §18.2-498.1 et seq.).

THE PROPER FULL LEGAL NAME OF THE FIRM OR ENTITY SUBMITTING THIS BID MUST BE WRITTEN IN THE SPACE PROVIDED BELOW. THIS BID FORM, AND ALL OTHER DOCUMENTS REQUIRED BY THE SOLICITATION TO BE SUBMITTED WITH THIS BID FORM, INCLUDING, BUT NOT LIMITED TO ALL ISSUED ADDENDUMS, MUST

BID SUBMISSION FORM, PAGE 2 OF 5

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BE FULLY AND ACCURATELY COMPLETED AND SIGNED BELOW BY A PERSON AUTHORIZED TO LEGALLY AND CONTRACTUALLY BIND THE BIDDER, OR THE BID MAY BE REJECTED:

AUTHORIZED SIGNATURE _____

PRINT NAME AND TITLE _____

SUBMITTED BY: (LEGAL NAME OF ENTITY)							
ADDRESS:							
CITY/STATE/ZIP:							
TELEPHONE NO:			FACSIMILE NO.:				
THIS FIRM IS A: • INSERT NAME OF STATE _____ ___ CORPORATION, ___ GENERAL PARTNERSHIP, ___ LIMITED PARTNERSHIP, ___ UNINCORPORATED ASSOCIATION, ___ LIMITED LIABILITY COMPANY, ___ SOLE PROPRIETORSHIP							
IS FIRM AUTHORIZED TO TRANSACT BUSINESS IN THE COMMONWEALTH OF VA?							
IDENTIFICATION NO. ISSUED TO THE FIRM BY THE SCC:							
ANY BIDDER EXEMPT FROM SCC AUTHORIZATION REQUIREMENT SHALL INCLUDE A STATEMENT WITH ITS BID WHY THEY ARE NOT REQUIRED TO BE SO AUTHORIZED							
IS YOUR FIRM OR ANY OF ITS PRINCIPALS CURRENTLY DEBARRED FROM SUBMITTING PROPOSALS OR BIDS TO FW, OR ANY OTHER STATE OR POLITICAL SUBDIVISION IN THE COMMONWEALTH OF VIRGINIA?							
BIDDER STATUS:		MINORITY OWNED:		WOMAN OWNED:		NEITHER:	
DOES YOUR FIRM HOLD EXCLUSIVE CONTRACTUAL AUTHORIZATION TO SERVICE PARTICULAR MANUFACTURER(S)? IS YOUR FIRM NOT AUTHORIZED TO SERVICE PARTICULAR MANUFACTURERS LISTED IN SECTION 2.2? PLEASE DESCRIBE ALL BELOW.							

Required Qualifications of Bidders:

Number of Years in Business:

How many years has the Bidder been in the business of providing the Work _____

References:

Bidder has provided a fully completed Attachment 2 Yes _____ No _____

Qualifications:

Bidder has provided a fully completed Attachment 4 Yes _____ No _____

Perform In-House Work:

Bidders possesses capacity to perform in-house machining, reverse engineering, re-manufacture of pump components, and transport large pumps weighing at least 45,000 pounds for removal and re-installation of pumps. Yes _____ No _____

If awarded the Contract, I will comply with the requirements of this solicitation and any resulting Contract.

BIDDER NAME: _____

AUTH. SIGNATURE: _____

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**ATTACHMENT 2
REFERENCES
SECTION 1 OF 2**

BIDDER'S NAME: _____

Instructions for Section 1: Bidder must submit three (3) references for three (3) examples of pump repairs that were completed within the past five (5) years on pumps similar to FW's largest pump.

1. COMPANY NAME: _____
ADDRESS: _____

CONTACT PERSON: _____
TELEPHONE: (_____) - _____ - _____
E-MAIL: _____
NAME AND COMPLETION DATE OF PROJECT(S): _____

2. COMPANY NAME: _____
ADDRESS: _____

CONTACT PERSON: _____
TELEPHONE: (_____) - _____ - _____
E-MAIL: _____
NAME AND COMPLETION DATE OF PROJECT(S): _____

3. COMPANY NAME: _____
ADDRESS: _____

CONTACT PERSON: _____
TELEPHONE: (_____) - _____ - _____
E-MAIL: _____
NAME AND COMPLETION DATE OF PROJECT(S): _____

REFERENCES, PAGE 1 OF 2

ATTACHMENT 2
REFERENCES
SECTION 2 OF 2

BIDDER'S NAME: _____ SUBCONTRACTOR'S NAME: _____

Instructions for Section 2: Bidder must submit a separate list for each proposed subcontractor that includes three (3) references of pump repairs that were completed within the past five (5) years on pumps similar to FW's largest pump.

Pump Repair Reference No. 1.

COMPANY NAME: _____
ADDRESS: _____

CONTACT PERSON: _____
TELEPHONE: (_____) - _____ - _____
E-MAIL: _____
PROJECT NAME: _____
COMPLETION DATE: _____

Pump Repair Reference No. 2.

COMPANY NAME: _____
ADDRESS: _____

CONTACT PERSON: _____
TELEPHONE: (_____) - _____ - _____
E-MAIL: _____
PROJECT NAME: _____
COMPLETION DATE: _____

Pump Repair Reference No. 3.

COMPANY NAME: _____
ADDRESS: _____

CONTACT PERSON: _____
TELEPHONE: (_____) - _____ - _____
E-MAIL: _____
PROJECT NAME: _____
COMPLETION DATE: _____

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**ATTACHMENT 3
PRICING SCHEDULE**

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BIDDER SHALL SUBMIT ATTACHMENT 3 PRICING SCHEDULE AS AN EXCEL FILE

BLANK PRICING SCHEDULE PAGE, PAGE 1 OF 1

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**ATTACHMENT 4
QUALIFICATIONS**

BIDDER'S NAME: _____

Instructions for Attachment 4: Bidder must submit a merged document containing all Bidder qualifications and certifications for the below, as a single Attachment 4 Qualifications, and must label each certification as either "A", "B", "C", "D" or "E" corresponding to the below:

- A. AMPP Basic CIP Level 1 for coating.
- B. NIMS or equivalent certification for machining.
- C. AWS or equivalent certifications in welding for flat, overhead, horizontal and vertical welding positions.
- D. ANSI / ANAB accredited Vibration Analyst Certification.
- E. List of licensed professional engineers on staff.
- F. Bidders must possess capacity to perform in-house machining, pump component evaluation and engineering, procure or manufacture original equipment manufacturer-equivalent components, and transport pumps weighing up to 45,000 pounds. Bidders shall have field service capability for removal and re-installation of pumps when required.

QUALIFICATIONS, PAGE 1 OF 1

ATTACHMENT 5
DYNAMIC BALANCE CERTIFICATE

Balance Machine Model No.: _____, Last Calibration Date: _____

Balance Machine Serial No.: _____

Weight: _____, "In Service" Speed: (RPM) _____

Highest T.I.R. found on Rotator: _____

Balance Speed: (RPM) _____

<p>Radius of permanent balance weight: (in.) _____ IB, _____ OB.</p> <p>As Found Balance: (oz.in.) _____ IB, _____ OB.</p> <p>As Left Balance: (oz.in.) _____ IB, _____ OB.</p> <p>Calculated acceptance limit per journal (4W/N): _____ IB, _____ OB.</p> <p>Rotator should have 2 Plane Balance.</p> <p>If oz.in. value is not available for "As Found Balance" and "As Left Balance" use the mils value.</p>

Shop Manager Signature

Printed Name

ATTACHMENT 6
AGREEMENT



FAIRFAX COUNTY WATER AUTHORITY
8570 Executive Park Avenue, Fairfax, Virginia 22031-2218
www.fairfaxwater.org

Agreement

Contract Title: Vertical and Horizontal Pump Repairs

This Contract 24-023 is made and entered into this ___ day of _____ 2024, the date the Agreement is fully executed by Fairfax County Water Authority, a political subdivision of the Commonwealth of Virginia, operating as Fairfax Water (“FW”), by and between FW and _____ (“Contractor”), whose address is: _____.

In consideration of the mutual stipulations, agreements and covenants contained herein, the parties hereby agree as follows:

1. Scope of Work:

The Scope of Work for this Contract generally is described as to provide as requested by FW the goods and services necessary for Vertical and Horizontal Pump Repairs (“the Work”), as set forth in greater detail in Attachment A, Specifications & Scope of Work.

2. Contract Price:

The Contract Price shall be as set forth in Attachment B, Pricing Schedule.

FW will not compensate the Contractor for any Work beyond that included in Attachment B unless the additional Work is covered by a written Amendment to this Contract.

The Contract Prices set forth in Attachment B include all costs, expenses, including reimbursable expenses, to provide the Work described in this Contract.

3. Contract Documents:

The documents which form the entire Contract between FW and the Contractor (“Contract Documents”) are as defined either in this Contract or in the Invitation for Bid, and are as set forth below.

3.1. In the case of a conflict, the order of precedence shall be as follows:

- 3.1.1. Agreement and all modifications properly incorporated in the Agreement
- 3.1.2. Attachment A – Specifications & Scope of Work
- 3.1.3. Attachment B – Pricing Schedule
- 3.1.4. Attachment C – Standard Terms and Conditions
- 3.1.5. Attachment D – Special Terms and Conditions

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- 3.1.6. Attachment D – Certificate(s) of Insurance
- 3.1.7. IFB/Associated Documents

- 3.2. All provisions required by law to be included in this Contract or otherwise applicable to this Contract shall be deemed to be a part of this Contract, whether actually set forth herein or not.
- 3.3. The Contract Documents are complementary and what is called for by one is as binding as if called for by all. If the Contractor finds a conflict, error, ambiguity or discrepancy in the Contract Documents, it shall immediately, in writing call such conflict, error, ambiguity or discrepancy to the attention of the Owner before proceeding with the Work affected thereby. The Owner will promptly resolve the matter in writing. Work done by the Contractor after such conflicts, errors, ambiguities or discrepancies are discovered, or in the exercise of reasonable care reasonably should have been discovered, prior to written resolution thereof by the Owner shall be done at the Contractor's expense and risk. Any Work that may reasonably be inferred from the Contract Documents as being required to produce the intended result shall be supplied whether or not it is specifically called for. Work, materials or equipment described in words which so applied have a well-known technical or trade meaning shall be deemed to refer to such recognized standards.
- 3.4. The Contractor will be held to a standard of strict compliance with the requirements of the Contract Documents in the performance of the Work, for giving Notice of any type to the Owner, and for making any submittal required for any purpose. The Contractor acknowledges and agrees that all time requirements set forth in the Contract Documents for any purpose are of the essence.

4. Definitions:

All words and terms shall have the meanings and terms assigned to them in the Contract Documents, unless a different meaning is clear from the context.

5. Contract Term:

- 5.1. The initial term of this Contract shall commence on the date the Agreement is fully executed by FW and expiring on the last day of the 12th month following execution of the Agreement by FW ('Initial Contract Term'), unless otherwise stated as provided in the Contract Documents.
- 5.2. This Contract may be renewed for a term not to exceed one (1) year ('Renewal Contract Term') by written Notice given by FW at any time prior to 30 calendar days after expiration of the preceding Initial Contract Term or Renewal Contract Term. No representative of FW has any authority to order, direct, or request work after expiration of the Initial Contract Term or Renewal Contract Term and prior to a Renewal Contract Term in strict compliance with the renewal terms herein. FW, at its sole discretion, has the right, but is under no obligation, to exercise this right to renewal not to exceed four (4) additional one-year periods at the same terms and conditions. If funding is not available to complete orders during the Initial Contract Term and the four Renewal Contract Terms, FW reserves the right to renew the Contract until all orders have been received.

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5.3. Unless directed otherwise by FW, any Work in progress at the time of expiration of a Contract term may continue and be completed under the terms of the Contract in existence at the time the Purchase Order for the Work was issued, but must be completed no later than six (6) months following expiration of the Contract term in which the Purchase Order was issued.

6. Contract Price Adjustment:

- 6.1. The Contractor agrees that prices shall remain firm for the Initial Contract Term. If consideration is to be given to adjusting the price after the Initial Contract Term or a Renewal Contract Term, the price may be adjusted only upon approval of a written request to the Procurement Manager. Upon receipt of the Contractor's request, FW shall make a determination to approve or adjust the requested price increase based upon its investigations and the information provided by the Contractor. Any price adjustment agreed to shall take place only in accordance with the schedule defined above.
- 6.2. Any annual increase in prices or rates shall be limited to the most recently published Consumer Price Index for All Urban Consumers (CPI-U) for Washington-Arlington-Alexandria (unadjusted for seasonal changes) for the 12-month period ending 90 calendar days prior to the end of the then current Contract year. The CPI-U for Washington-Arlington-Alexandria (unadjusted for seasonal changes) is the default index for the term of the Contract.
- 6.3. Any request for Contract price increases must be submitted at least 60 calendar days prior to the end of the then current term of Contract.
- 6.4. Issuance of a written renewal document and/or Purchase Order for the Renewal Contract Term(s) will constitute notice of renewal. Failure to renew by the expiration date of the then current Contract year will not automatically cancel the Contract. FW may retroactively renew the Contract at any time prior to the last day of the following Renewal Contract Term providing that FW has not formally canceled the Contract.
- 6.5. Negative BLS index: If the agreed upon index is a negative number the Contractor shall reduce Contract rates by the same amount for the Renewal Contract Term.

7. Non-Appropriation:

All funds for payments by FW under any Contract awarded are subject to the availability of an annual appropriation for this purpose by FW. In the event of non-appropriation of funds by the FW for the Work provided under the Contract, FW will terminate the Contract, without termination charge or other liability to FW, on the last day of the then current fiscal year or when the appropriation made for the then current year for the Work covered by this Contract is spent, whichever event occurs first. FW will endeavor to provide reasonable Notice of such termination, but no formal notice of such termination is required of FW, and FW shall not order any Work to be provided after such termination date.

8. Right to Terminate Contract:

FW has the right to terminate this Contract for convenience at any time, or for default, all pursuant to the provisions of the Standard Terms and Conditions.

9. Direction to Proceed:

- 9.1. For Work to be performed by Contractor under this Contract, the Procurement Department will issue a Purchase Order. The Purchase Order will define the location of the Work to be performed and will define or, where specific definition cannot be provided, will estimate, the scope of the Work to be performed, the dates within which that Work is to be performed, and the price for that Work (collectively "Purchase Order Work"). Contractor shall not commence any Work until a written Purchase Order has been issued by the Procurement Department, and if it does so FW will be under no obligation to make payment for any Work performed prior to the issuance of the required Purchase Order. No employee or agent of FW other than the Procurement Department, or properly authorized designee, has authority to make any purchases or otherwise bind FW contractually. If a Purchase Order is issued by anyone other than the Procurement Department, it shall be the responsibility of the Contractor to confirm the authority of that person to bind FW. Provided, however, if the Contractor has received from the Procurement Manager prior written confirmation of a person's authority to bind FW, the Contractor may rely upon all Purchase Orders issued by that person within the scope of the stated authority as authorized.
- 9.2. Notwithstanding the foregoing, if the circumstances are such that there is not sufficient time for issuance of a Purchase Order, FW through the Procurement Manager, or authorized designee, may direct the Contractor to proceed by less formal writing or electronic communication, to be replaced by a Purchase Order by 5:00 P.M. on the next regular FW working day following issuance of such FW directive. Further, if emergency conditions exist which necessitate that the Contractor act to avoid or mitigate damage to person or property, the Contractor shall proceed and give written Notice to FW such emergency Work by 5:00 P.M. on the next regular FW working day following commencement of such emergency Work.

10. Estimated Quantities: No Guaranteed Minimum:

During the Initial Contract Term or any Renewal Contract Term, the Contractor shall furnish all of the Work described in the Contract Documents. The Contractor understands and agrees that there are no guaranteed minimum purchases and that FW has no obligation to the Contractor if no, or fewer, items or Work than any quantities estimated are required or requested by FW. Any quantities which are included in the Contract are the reasonable present expectations of those who are planning for FW for the term of Contract. The amount is only an estimate and the Contractor understands and agrees that FW is under no obligation to the Contractor to buy that amount, or any amount as a result of having provided this estimate or of having had any normal or otherwise measurable requirement in the past. The Contractor further understands that FW may require Work in excess of the estimated annual Contract amount and that such excess shall not give rise to any claim for compensation other than at the unit prices and/or rates set forth in this Contract.

11. Payment Procedures:

Contractor shall submit invoices for its Work, and such invoices will be processed by FW, all in accordance with the provisions of the Standard Terms and Conditions.

12. Assignment of Interest:

The Contractor shall not assign any interest in any resulting Contract and shall not transfer any interest in the same without prior written consent of FW, which FW shall be under no obligation to grant.

13. Notices:

Unless otherwise provided herein, all notices and other communications hereunder shall be deemed to have been given when made in writing and either (a) delivered in person, (b) delivered to an agent, such as an overnight or similar delivery service, or (c) deposited in the United States mail, postage prepaid, certified or registered, addressed as follows:

To the Contractor:

To FW:

14. Governing Law; Venue, Waiver of Jury Trial:

This Contract shall be governed in all respects by the laws of the Commonwealth of Virginia. Any dispute arising hereunder which is not otherwise resolved by the parties shall be resolved by a court of competent jurisdiction in the Commonwealth of Virginia. The Contractor and FW hereby waive any right such party may have to a trial by jury in connection with any such litigation.

15. Binding Agreement:

FW and the Contractor each binds itself, its successors and assigns to the other, its successors and assigns, in respect of all covenants, terms, conditions and obligations contained in each of the Contract Documents.

Signatures Appears on Following Page

IFB # 24-212

Fairfax County Water Authority
8570 Executive Park Avenue
Fairfax, Virginia 22031

Procurement Contact:

Contractor Contact:

Phone: 703-289-_____
Email: [@fairfaxwater.org](mailto: @fairfaxwater.org)

Phone: _____
Email: _____

By: _____
Name: Jamie Bain Hedges, P.E.
Title: General Manager
Date: _____

By: _____
Name: _____
Title: _____
Date: _____

Attachments:

- Attachment A Specifications & Scope of Work
- Attachment B Pricing Schedule
- Attachment C Standard Terms and Conditions
- Attachment D Special Terms and Conditions
- Attachment E Certificate(s) of Insurance