



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

INVITATION FOR BID

Number: 24-214

Title: Reston Pump Station Electrical Upgrades
(Project P0215A, Division 041)
&
Popes Head Pumping Station Electrical
Upgrades (Project 2722, Division 003)

Date Issued: August 29, 2024

Pre-Bid Meeting & Site Visit: Reston Pump Station September 10, 2024 @
9:30 A.M Local Prevailing Time

Popes Head Pumping Station September 10,
2024 @ 11:30 A.M Local Prevailing Time

Deadline for Questions: September 13, 2024 @ 5:00 P.M. Local
Prevailing Time

Addendum 1 Issuance: September 18, 2024

Deadline for Submitting Bids: September 26, 2024 @ 2:00 P.M. Local
Prevailing Time

Bids to Be Delivered to: Procurement Department
Fairfax Water – Morin Building
8570 Executive Park Avenue
Fairfax, Virginia 22031

Procurement Contact: David J. Webb, C.P.M.
Procurement Program Supervisor
Telephone: 703-289-6227
E-Mail: dwebb@fairfaxwater.org

Objective: The Fairfax County Water Authority (d/b/a: Fairfax Water) hereby invites Bids from qualified Bidders properly licensed in the Commonwealth of Virginia to replace and upgrade electrical equipment and other improvements at the Reston Pump Station and Popes Head Pump Station as described in the Contract Documents, Specifications and Drawings.

TABLE OF CONTENTS

1. 00100 – Notice to Bidders
2. 00200 – Instructions to Bidders
3. 00400 – Bid Form
4. 00430 – Bid Bond
5. 00500 – Agreement
6. 00610 – Performance Bond
7. 00611 – Payment Bond
8. 00612 – Maintenance Bond
9. 00700 – General Conditions
10. 00800 – Supplemental Conditions
11. 00850 – Escrow Agreement
12. Project Manual Specifications
13. Project Drawings

**SECTION 00100
NOTICE TO BIDDERS**

**IFB 24-214
RESTON PUMP STATION ELECTRICAL UPGRADES
&
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

PART 1 - GENERAL

- 1.01 **Notice and Invitation to Bid.** The Fairfax County Water Authority, the Virginia public body that operates under the name Fairfax Water, hereby invites qualified Bidders who are properly licensed in the Commonwealth of Virginia to replace and upgrade electrical equipment and other improvements at the Reston Pump Station and Popes Head Pumping Station as described in the Contract Documents, Specifications and Drawings..
- 1.02 **Due Date and Time.** Bids will be received on the first floor of Fairfax Water’s office building located at 8570 Executive Park Avenue, Fairfax, Virginia 22031 **prior to 2:00 P.M.** local prevailing time, on **September 26, 2024.**
- 1.03 **Public Opening of Bids.** Bids will be publicly opened and read aloud by an Authorized Representative of Fairfax Water’s Procurement Department **immediately following the Bid Due Date and Time on September 26, 2024** (or as soon thereafter as practical under the circumstances) at the address set forth in Paragraph 1.02 above. Interested parties may attend in person or view the Bid Opening virtually using Microsoft Teams at the link provide below.

Microsoft Teams

[Join the Meeting Now](#)

Meeting ID: 278 470 176 28
Passcode: ZMcfSf

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- 1.04 **Delivery Address; Labeling of Sealed Envelope.** The sealed envelope containing the completed Bid Form and other items included in the Bid Package must be addressed as follows:

Fairfax Water – Morin Building
8570 Executive Park Avenue
Procurement Department
Fairfax, Virginia 22031
ATTN: David J. Webb, C.P.M.
Procurement Program Supervisor

In addition, the outside lower left corner of the envelope must be marked as follows:

SEALED BID - DO NOT OPEN
BID NO. IFB 24-214
RESTON PUMP STATION ELECTRICAL UPGRADES
& POPES HEAD PUMPING STATION ELECTRICAL UPGRADES
Bid Due Date: September 26, 2024 Prior to 2:00 P.M. Local Prevailing Time.
Bidder’s Name: _____
Virginia Contractor Registration Number: _____
Expiration Date: _____

- 1.05 **Pre-Bid Conference.** A non-mandatory pre-Bid conference will be held at both site locations – **September 10, 2024.** The conference will commence at 9:30 A.M. Local Prevailing Time at the Reston Pump Station at 1895 Preston White Drive, Reston, VA 20191. The conference will recommence at 11:30 A.M. Local Prevailing Time at the Popes Head Pumping Station at 11518 Popes Head Road, Fairfax, VA 22030. Questions and comments regarding the site visits must be submitted in writing to the Procurement Contact prior to **September 9, 2024,** at 2:00 P.M. Local Prevailing Time.
- 1.06 **Requirements and Procedures for Bid Submission.** Detailed requirements for submission of Bids, withdrawal of Bids, Bid and Contract security, and other information relevant to this procurement are set forth in the Instructions to Bidders.
- 1.07 **Responsibility for Costs.** Each Bidder will bear and be responsible for all costs, fees and expenses associated with its preparation and submission of a Bid in response to this IFB. In no event will any Bidder be reimbursed by Fairfax Water for any such costs, fees or expenses.
- 1.08 **Contractor Registration Requirements.** In order for a Bid to be eligible for consideration, the Bidder must be properly licensed as a contractor in the Commonwealth of Virginia in accordance with the requirements of Chapter 11 of Title 54.1 of the Code of Virginia Code, as amended.
- 1.09 **Designated Brand, Make, or Manufacturer.** The name of a certain brand, make, or manufacturer is not intended to restrict Bidders to the specific brand, make, or manufacturer specified unless otherwise provided in the Contract Documents.
- 1.10 **Negotiation with Low Bidder.** If the lowest responsive Bid from the lowest responsible Bidder exceeds available funds the Fairfax Water Procurement Department Procedures Manual, Section II – Special Procedures for Construction, Architectural Services and Professional Engineering Services, shall be followed.
- 1.11 **Copies of Contract Documents.** Persons interested in examining and/or obtaining copies of the Contract Documents may contact Fairfax Water’s Procurement Department at (703)-289-6227, Monday through Friday, between the hours of 8:00 A.M. and 4:00 P.M. Local Prevailing Time. Payment terms, if any, and document availability may be confirmed with Fairfax Water’s Procurement Department. Fairfax Water will in no event refund any amount paid hereunder. Partial copies of the Contract Documents will not be distributed.

END OF SECTION 00100 – NOTICE TO BIDDERS

**SECTION 00200
INSTRUCTIONS TO BIDDERS**

**IFB No. 24-214
RESTON PUMP STATION ELECTRICAL UPGRADES
&
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

TABLE OF CONTENTS

PART 1 – SECTION INCLUDES

PART 1 - GENERAL	1
1. Bid Package	2
2. Form, Preparation and Presentation of Bids	2
3. Pre-Bid Conference	3
4. Contractors' Registration Law; Authorization to Transact Business	3
5. Compliance With Laws	3
6. Specification Familiarity	3
7. Contract Documents	3
8. Quantities Estimated Only	4
9. Bid Security; Price Firm Period	4
10. Addenda And Interpretations	5
11. Withdrawal of Bid Prior to Bid Opening	5
12. Receipt of Bids; Bid Opening	5
13. Review of Bids; Acceptance or Rejection of Bids	5
14. Withdrawal of Bid Due to Error	6
15. Determination of Responsibility	7
16. Basis For Contract Award	7
17. Cancellation, Rejection of Bids; Waiver of Informalities	7
18. Notice of Award	7
19. Contract and Contract Security	8
20. Notice to Proceed	8
21. Designated Manufacturers, Subcontractors and Suppliers	8
22. Escrow Agreement	8

**SECTION 00200
INSTRUCTIONS TO BIDDERS**

**IFB No. 24-214
RESTON PUMP STATION ELECTRICAL UPGRADES
&
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

1. Bid Package

A. The Bid package must include the following items:

(i) A completed Bid Form, Section 00400 of this IFB, including unit prices, if required, for performing the complete scope of work in accordance with these documents.

(ii) Bid security in an amount equal to 5% of the Bidder's Total Bid Price. Bid security may be in the form of a Bid bond in form included as Section 00430 of this IFB, a cashier's or certified check upon a solvent bank or trust company made payable to the order of Fairfax Water, or a cash escrow.

(iii) Any additional information required to be submitted under the terms of this IFB.

2. Form, Preparation and Presentation of Bids

A. Bidders shall complete and submit the entire Bid Form and retain a copy of the completed Bid package for their records. Blank spaces provided for Bid Prices on the Bid Form must clearly indicate unit price, total computed price, or lump sum, as the case may be, and must be filled in accordingly, either typewritten or printed in ink.

B. The Bid Form must be completed in full, signed by the Bidder or the Bidder's duly-authorized representative, and presented on the prescribed form in a sealed envelope at or before the time and at the place stated in the Notice to Bidders. The envelope must be labeled in the manner specified in the Notice to Bidders. As set forth in the Notice to Bidders, each Bidder is required to include its Contractor Registration Number on the outside of the envelope containing his Bid and on its Bid Form in the space provided. For joint ventures, Bidders must provide the Contractor Registration Numbers for each of the venture partners or a single Contractor Registration Number for the joint venture. Fairfax Water is not responsible for the premature opening of a Bid not properly addressed and identified. Bids that are opened prior to the official time as a result of improper identification will be rejected.

C. Bids may be delivered to Fairfax Water by hand delivery, U.S. Mail, or express delivery service; provided that Bids sent via express delivery service must be sealed in a properly labeled envelope inside the express container. Bids transmitted to Fairfax Water by facsimile, email, or other electronic transmission will not be accepted or considered. It is the Bidder's responsibility to that its Bid is delivered to the place designated for receipt of Bids at or before the time and date established for receipt of Bids. Bidders are advised to take into account any factors that may impact delivery Bids and to implement appropriate measures to ensure timely receipt by Fairfax Water. Any Bid or unsolicited materials relating to a Bid that are received by Fairfax after the date and time specified for the submission of Bids will not be eligible for consideration.

D. Bidders are advised that Section 00500 (Agreement) is included in the Bid Documents in order to familiarize Bidder with its contents. In no case is the form of Agreement to be filled out or signed by Bidder at the Bid submission stage of this process.

3. Pre-Bid Conference

A. A non-mandatory pre-Bid conference will be held at the date, time and location set forth in the Notice to Bidders. All Bidders are encouraged to attend. The purpose of the pre-Bid conference is to afford the Bidders an opportunity to raise questions pertaining to the construction documents, for the Owner or his representatives to clarify those points and to review the site conditions. In addition, other important specific features of the Project, which may develop during the course of the pre-Bid conference, will be brought to the attention of the Bidders.

B. Nothing discussed during the pre-Bid conference shall be construed to have altered in any way the intent of the Bid Documents. Any modifications or revisions to the Bid Documents which may arise from or which may be discussed at the pre-Bid conference shall not become effective unless issued in an Addendum.

4. Contractors' Registration Law; Authorization to Transact Business

A. Bidders shall comply with all applicable laws, rules and regulations relating to the practice of General Contracting in the Commonwealth of Virginia. Each Bidder shall be required to be licensed in accordance with the requirements of Chapter 11, Title 54.1 of the Virginia Code, as amended, before such Bidder's Bid may be received and considered hereunder.

B. Contractor's registration requirements apply to all subcontractors.

C. 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.

D. A Bidder operating under an assumed or fictitious name may be required to show evidence that it has filed a certificate of assumed or fictitious name with the Virginia State Corporation Commission, as required by Chapter 5, Title 59.1 of the Code of Virginia, as amended.

5. Compliance With Laws

Any contract resulting from this IFB shall be governed in all respects, whether as to validity, construction, capacity, performance or otherwise by the laws of the Commonwealth of Virginia. The successful Bidder will be required to comply with all federal, state and local laws, rules, ordinances and regulations applicable to the Contract and to performance of the work contemplated hereby.

6. Specification Familiarity

It is the Bidder's responsibility to examine this entire IFB carefully. If a question arises as to the meaning or intent of these documents, inquiry must be made in writing, via email, to the Procurement Contact. The submission of a Bid shall indicate that the Bidder has thoroughly reviewed and understands the terms of this IFB.

7. Contract Documents

Bidders are advised that Fairfax Water does not sign standard contract forms that may be used by the Bidder. The Bid Form contains a signature line for the Bidder that must be signed prior to submission

of the Bid by a representative of the Bidder who is duly authorized to execute the Bid Form and to bind the Bidder to the terms and conditions of the IFB.

8. Quantities Estimated Only

Quantities for the various items of Work, equipment and materials set forth in the Bid Form are considered to be approximations only and are given for the sole purpose of providing a uniform basis for the comparison of Bids. The quantities actually required to complete the Work may be more or less than so estimated and contract pricing will be adjusted accordingly.

9. Bid Security; Price Firm Period

A. Fairfax Water reserves the right to defer award of any Contract for a period of 90 Days after the due date for the Bids. Bids will be binding and irrevocable for a period of 90 Days following the due date, unless the period for award of Bids hereunder is extended by mutual consent of all parties, in which case Bid prices will be binding for such longer period as shall have been agreed upon (such period referred to herein as the "Price Firm Period").

B. Each Bid shall be accompanied by a Bid bond on the form prescribed herein in an amount equal to five percent (5%) of the amount of the Bid. The Bid bond shall be issued by a surety company authorized to conduct business as a surety in the Commonwealth of Virginia and otherwise satisfying any further requirements with respect to sureties set forth in the General Conditions. In lieu of a Bid bond, a Bidder may submit a certified check, cashier's check or cash escrow in the face amount required for the bond. Such Bid security shall be given as a guarantee that the Bidder will not withdraw its Bid during the period of 90 Days after the opening of Bids (unless authorized under Section 14), that if its Bid is accepted, it will enter into a Contract in the form of the Agreement included as part of the Contract Documents (Section 00500), and that it will provide the required Contract security and evidence of insurance if awarded the Contract.

C. The Bid security of the successful Bidder will be returned only after such Bidder has executed the Contract and furnished the required Contract security and evidence of insurance to Fairfax Water. The Bid security of other Bidders will be returned within 5 Days after the first to occur of: (i) execution of the Contract and submission of required Contract security and evidence of insurance by the successful Bidder or, (ii) expiration of the Price Firm Period (except that Bid security will not be returned to any such Bidder who was notified that its Bid was accepted by Fairfax Water during the Price Firm Period and, following notice, failed or refused to execute the Contract and furnish required Contract security and evidence of insurance).

D. If the Bidder to whom the Contract is awarded refuses or neglects to execute the Agreement or fails to furnish the required Contract security and evidence of insurance within 10 Days after receipt of notice from Fairfax Water, the amount of such Bidder's Bid security will be forfeited and will be retained by Fairfax Water as liquidated damages, and not as a penalty, since said sum is a fair estimate of the amount of damages that Fairfax Water will sustain in case said Bidder fails to enter into a Contract and furnish the required Performance and Payment Bonds and Insurance. Notwithstanding the foregoing, no forfeiture of Bid security will exceed the lesser of: (i) the difference between the Bid for which the Bid security was provided and the next low Bid; or (ii) the face amount of the Bid security. Except as provided herein with regard to withdrawal of Bids under Section 14, no plea of mistake in the Bid shall be available to the Bidder for the recovery of its Bid security or as a defense to any action based upon the neglect or refusal to execute the Contract and provide the required Contract security and evidence of insurance.

E. If the Bidder to whom the Contract is awarded refuses or neglects to execute the Contract or fails to furnish the required Contract security and evidence of insurance, the award of the Contract may be annulled and the Contract awarded to the next lowest responsive and responsible Bidder, in which event such Bidder shall fulfill every stipulation of these documents as if it were the original party to whom it was made; or Fairfax Water may reject all of the Bids as its interest may require.

10. Addenda And Interpretations

No interpretation of the meaning of these documents will be made to any Bidder orally. Any request for an interpretation must be in writing and submitted via email to dwebb@fairfaxwater.org, to David J. Webb, Procurement Program Supervisor. To be given consideration, requests must be received no later than the date and time listed on the cover sheet. Any and all such interpretations and any supplemental instructions will be returned in writing to the prospective Bidder requesting such interpretations, or will be in the form of written Addenda which, if issued, will be posted on Fairfax Water's website at www.fairfaxwater.org/procurement and sent to all prospective Bidders, at the respective addresses furnished for such purpose, prior to the date fixed for the submission of Bids. Notwithstanding any provision to the contrary, the failure of any Bidder to receive any such addenda or interpretations shall neither constitute grounds for withdrawal of a Bid nor relieve such Bidder from any obligation under his Bid as submitted. All Addenda so issued shall become part of the Contract Documents.

11. Withdrawal of Bid Prior to Bid Opening

A Bidder may withdraw its Bid before the date and time fixed for receiving Bids without prejudice by communicating its desire to withdraw in writing to the Procurement Manager of Fairfax Water prior to such date and time. When the Bidder's communication is received, the unopened Bid will be withdrawn and returned to the Bidder's authorized agent by such means as may be determined by Fairfax Water.

12. Receipt of Bids; Bid Opening

A. A representative of Fairfax Water's Procurement Department (the "Procurement Officer") will be present at the location designated for receipt of Bids up to 30 minutes prior to time Bids are due. The Procurement Officer will designate a clock at the location that will be used to establish the official time for the receipt of Bids. At the appointed time, the Procurement Officer will publicly announce that the deadline for receipt of Bids has arrived and, thereafter, no further Bids will be accepted. All Bids in the possession of the Procurement Officer and his or her assistants at the time the announcement is made will be deemed to be timely, regardless of whether the Bid envelope has been time-stamped or marked as received at that time.

B. Bids received in response to this IFB will be publicly opened at the date and time specified in the Notice to Bidders. Prices and other pertinent information contained in the Bid will be read aloud. No decisions regarding the award of a Contract will be made at the Bid opening. Attendance is not required at the Bid opening; however, Bidders are encouraged to attend the Bid opening in person or via Microsoft Teams.

C. In the event that only one Bid is received by Fairfax Water in response to this IFB, Fairfax Water may, in its discretion, decline to open such Bid and may return the unopened envelope to the Bidder.

13. Review of Bids; Acceptance or Rejection of Bids

A. Fairfax Water reserves the right to reject any and all Bids in its sole discretion if such action is deemed to be in the best interests of Fairfax Water. Fairfax Water also reserves the right to reject the Bid of any Bidder who is determined by Fairfax Water not to be responsive or responsible. Fairfax Water shall be the sole judge of the qualifications of the Bidder in performing under the terms as specified in the Contract. Fairfax Water reserves the right to waive such informalities as may be deemed to be in the best interests of Fairfax Water.

B. Fairfax Water reserves the right to reject any Bid if investigation of such Bidder fails to satisfy Fairfax Water that such Bidder is properly qualified to carry out the obligations and to complete the Work contemplated therein in strict accordance with the Contract Documents. Any or all Bids will be rejected if there is reason to believe that collusion exists among the Bidders.

C. Bids containing any conditions, exceptions, omissions, erasures, illegible text, alterations or items not called for in the Bid Form, or irregularities or unbalancing of any kind, may be rejected by Fairfax Water as being incomplete or nonresponsive.

D. A Bidder's attempt to modify the Contract Documents in any respect, including, but not limited to the Bidder's insertion of price escalation clauses, delivery costs, disclaimers, limitations of liability, or other terms and conditions of any nature which are not expressly allowed in this IFB, may constitute grounds for rejection of the Bid.

E. Following the public opening of Bids, Fairfax Water will review Bid Forms received for errors and discrepancies, including mathematical errors in the extension of unit price line items and in computation of the Total Bid Price. In the event of a discrepancy between any amount shown in numerical figures and in words, the amount expressed in words will govern and, if affected by the discrepancy, the line item totals and/or Bid total will be adjusted to give effect to the amount expressed in words. In the event that a Bidder makes a mathematical error when (i) multiplying its unit price by the quantity specified on the Bid Form (a "Unit Price Error"); and/or (ii) computing the total of all line items, including properly calculated unit price extensions as well as lump sum amounts and Bid allowances (a "Bid Total Error"), Fairfax Water reserves the right to correct the Unit Price Error and/or Bid Total Error as set forth below. First, in the case of a Unit Price Error, unit pricing will govern and, as such, Fairfax Water will multiply the Bidder's stated unit price by the estimated quantity specified on the Bid Form and correct the extended amount and the Bid total accordingly. Next, in the case of a Bid Total Error, line items will govern and, as such, Fairfax Water will compute the total of all line items and utilize the corrected Total Bid Price. In each such case, Fairfax Water will rely upon the adjusted or corrected amounts for purposes of determining which Bid is lowest. Fairfax Water will in no such event consider or give effect to any information that is not set forth on the Bid Form, as submitted.

14. Withdrawal of Bid Due to Error

A. Except as set forth below, no Bid may be withdrawn after the date and time fixed for the submission of Bids, except by written request submitted in the manner prescribed herein. A Bidder may withdraw its Bid from consideration if the price Bid was substantially lower than the other Bids due solely to a mistake therein, provided the Bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the Bid, which unintentional arithmetic error or unintentional omission can be clearly shown by the objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the Bid sought to be withdrawn.

B. If a Bid contains both clerical and judgment mistakes, a Bidder may withdraw his Bid from consideration if the price Bid would have been substantially lower than the other Bids due solely to the clerical mistake, that was an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of a Bid that shall be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the Bid sought to be withdrawn.

C. The procedure for Bid withdrawal is as follows: The Bidder must give notice in writing of its claim of right to withdraw its Bid within two business days after the conclusion of the Bid opening procedure. The Bidder must submit to Fairfax Water with its notice the original work papers, documents, and materials used in the preparation of its Bid. A mistake may be proven only from the original work papers, documents and materials delivered to Fairfax Water as required herein.

D. No Bid may be withdrawn when the result would be the awarding of the Contract on another Bid of the same Bidder or of another Bidder in which the ownership of the withdrawing Bidder is more than five percent.

E. If a Bid is withdrawn under the authority of this Section, the lowest remaining Bid shall be deemed to be the low Bid. No Bidder who is permitted to withdraw a Bid shall, for compensation, supply any material or labor to or perform any subcontract or other work agreement for the person or firm to whom the Contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the Bid was submitted.

F. Fairfax Water will notify the Bidder in writing within five business days of its decision regarding the Bidder's request to withdraw its Bid. If Fairfax Water denies the withdrawal of a Bid under the provisions of this section, it shall notify the Bidder in writing stating the reasons for its decision and award the Contract to such Bidder at the Bid price, provided such Bidder is the lowest responsible and responsive Bidder hereunder. At the same time that the notice is provided, Fairfax Water will return all work papers submitted by the Bidder.

15. Determination of Responsibility

A. Prior to award of a Contract under this IFB, unless Bidders have been prequalified for this project, Fairfax Water will conduct an evaluation to determine if Bidders have the capability, in all respects, to perform fully the Contract requirements and the moral and business integrity and reliability which will assure good faith performance.

B. Unless Bidders have been prequalified by Fairfax Water in connection with this procurement, each Bidder shall be prepared, if so requested by Fairfax Water, to present evidence of its experience, qualifications and financial ability to carry out the terms of any Contract resulting from this procurement. In that regard, Fairfax Water reserves the right following the opening of Bids to require one or more Bidders, including the apparent low Bidder hereunder, to submit to Fairfax Water a completed Qualification Form, a list of references, a recent financial report, an OSHA Form 300, and such other information as shall enable Fairfax Water to determine whether such Bidder is a responsible Bidder, as such term is defined in the Virginia Code. Copies of the Qualification Form shall be made available to Bidders upon request.

C. A Bidder who, despite being the apparent low Bidder, is determined not to be a responsible Bidder will be notified in writing in accordance with the procedures set forth in §2.2-4359 of the Code of Virginia, as amended.

16. Basis For Contract Award

The Contract, if awarded, will be awarded by Fairfax Water to the lowest responsive and responsible Bidder.

17. Cancellation, Rejection of Bids; Waiver of Informalities

The Owner reserves the right to cancel this solicitation, to accept or reject any or all Bids submitted hereunder, and to waive any informality in any one or more Bids received.

18. Notice of Award

A. The successful Bidder will be notified by letter communicating Notice of Award of the Contract.

B. Public notice of award will be posted on the official FW web site. (<http://www.fcwa.org/procurement/index.htm>).

19. Contract and Contract Security

A. The Bidder whose Bid is accepted must, within 10 Days after written notice of award is delivered, enter into a written Contract for the performance of the Work and furnish the following: (i) a performance bond in an amount equal to 100 percent of the Contract sum conditioned on the faithful performance of the Contract in strict conformity with the plans, specifications and conditions of the Contract, (ii) a payment bond in an amount equal to 100 percent of the Contract sum, conditioned upon the prompt and faithful payment of all persons and entities who have and fulfill contracts which are directly with the Contractor for performing labor or furnishing materials in the prosecution of the work provided for in the Contract, and (iii) one or more certificates of insurance evidencing the types and amounts of insurance coverage required to be maintained by the Contractor under the Contract Documents.

B. Any performance or payment bond required hereunder shall be in the form included in these Contract Documents and shall be executed by a surety company legally authorized to do business as a surety in the Commonwealth of Virginia and meeting the requirements stated in Article 12 of the General Conditions. In lieu of a payment or performance bond, the successful Bidder may furnish a cash escrow, certified check or cashier's check payable to the order of Fairfax Water in the face amount required for such bonds.

20. Notice to Proceed

The successful Bidder shall be notified by letter giving Notice to Proceed when work may begin under the Contract Documents. Such Notice will be issued as determined by Fairfax Water but not before receipt and acceptance of the successful Bidder's Payment and Performance Bonds, Certificate of Insurance, and a fully executed Agreement.

21. Designated Manufacturers, Subcontractors and Suppliers

A. As set forth in the Notice to Bidders, the name of a certain brand, make, or manufacturer is intended to restrict Bidders to the specific brand, make, or manufacturer specified unless otherwise provided in the Contract Documents.

B. For purposes of this solicitation and any resulting Contract, Fairfax Water's designation of any one or more manufacturers, subcontractors and/or suppliers in the Contract Documents shall signify only that such manufacturers, subcontractors and suppliers previously have submitted work samples to Fairfax Water that satisfied Fairfax Water's requirements. Fairfax Water's designation of any one or more manufacturers, subcontractors and/or suppliers shall in no event be deemed or construed to be a representation or warranty on the part of Fairfax Water of any such manufacturer's, subcontractor's or supplier's capability of or capacity for (in terms of financial wherewithal, personnel and equipment availability, managerial ability, product quality or otherwise) performing or furnishing any portion of the Work in accordance with the requirements of this solicitation. Each Bidder shall conduct such independent investigation into the qualifications, experience and abilities of its selected manufacturers, subcontractors and suppliers, as it deems appropriate under the circumstances.

22. Escrow Agreement

In accordance with § 2.2-4334 of the Virginia Code, as amended, the successful Bidder will have 15 Days after Notice of Award is issued by Fairfax Water in which to execute and submit to Fairfax Water an escrow agreement in the form included in these Contract Documents (Section 00850). If the escrow agreement form is not submitted within the fifteen Day period, the successful Bidder will be deemed to have forfeited its rights to the use of the escrow account procedure.

END OF SECTION 00200 – INSTRUCTIONS TO BIDDERS

**SECTION 00400
BID FORM**

**IFB No. 24-214
PROJECT 0215A, DIVISION 041
RESTON PUMP STATION ELECTRICAL UPGRADES
&
PROJECT 2722, DIVISION 003
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

Submitted by:

Name of Bidder: _____
(Legal Name of partnership, corporation or other form of entity)

Bidder's Mailing Address for Notices: _____

Bidder's Principal Office Address:
(if different from above) _____

Form of Entity: _____

State of Organization: _____

Bidder's Designated Representative: _____

Telephone No.: _____

Fax No.: _____

Email Address: _____

To: Fairfax County Water Authority ("Fairfax Water")
8570 Executive Park Avenue
Fairfax, Virginia 22031

The undersigned Bidder, having examined the Drawings, Specifications and remaining Contract Documents for the above-referenced Project (including Addenda, if any), hereby proposes to furnish all labor, supplies, materials, and equipment and to perform all actions necessary to complete the entire Work in strict accordance with the Contract Documents for the following Bid amount (to be set forth in words and in figures in the spaces set forth below):

PART A - BID PRICE

INSTRUCTIONS – The following form must be typewritten or completed in ink. All blanks must be filled in.

- **Lump Sum Prices.** For each Contract Item seeking Lump Sum Prices, provide the Bidder's proposed Lump Sum Price in words and in figures in the spaces provided.
- **Unit Prices.** For each Contract Item seeking Unit Prices, provide the Bidder's proposed Unit Price in words and in figures, and the Bidder's proposed computed total price in figures in the spaces provided. The computed total price is obtained by multiplying the Estimated Quantity by the Bidder's proposed Unit Price.
- **Discrepancy or Mathematical Error.** Bidders are directed to Section 13(E) of the Instructions to Bidders for detailed information relating to discrepancies and mathematical errors in Bids. In short, in the event of a discrepancy between any amount shown in numerical figures and in words, the amount expressed in words will govern. In the event of a discrepancy between a Unit Price and the Computed Total Price for a Contract Item, the Unit Price will govern. Finally, in the event that the Computed Total Price for each Contract Item, when added to any Allowances, do not equal the Total Bid Price, the Computed Total Price for each Contract Item will govern.

CONTRACT ITEM NO.	DESCRIPTION OF WORK PRICE IN WORDS	EST QTY	UNIT PRICE	COMPUTED TOTAL PRICE
Bid Items 1A through 1G are applicable to the Reston Pump Station Electrical Upgrades project only.				
1A	Lump Sum Price: All Work to complete Project 0215A Division 041 Reston Pump Station Electrical Upgrades, as defined in 01200, except that included in other Contract Items herein _____ Dollars And _____ Cents	L.S.	N/A	\$ _____
1B	Bid Allowance, if required and authorized by Owner, for Dynamic Analysis for New Motors	L.S	N/A	\$25,000
1C	Bid Allowance, if required and authorized by Owner, for Misc. Modifications to Pump/Motor baseplate	L.S	N/A	\$50,000
1D	Bid Allowance, if required and authorized by Owner, for Additional Electrical Work	L.S	N/A	\$125,000
1E	Bid Allowance, if required and authorized by Owner, for Additional Site Work	L.S.	N/A	\$50,000
1F	Bid Allowance, if required and authorized by Owner, for Additional HVAC Work	L.S.	N/A	\$50,000
1G	Bid Allowance, if required and authorized by Owner, for Handling of Legally Regulated Materials	L.S.	N/A	\$10,000

CONTRACT ITEM NO.	DESCRIPTION OF WORK PRICE IN WORDS	EST QTY	UNIT PRICE	COMPUTED TOTAL PRICE
Bid Items 2A through 2H are applicable to the Popes Head Pumping Station Electrical Upgrades project only.				
2A	Lump Sum Price: All Work to complete Project 2722 Division 003 Popes Head Pumping Station Electrical Upgrades, as defined in 01200, except that included in other Contract Items herein _____ Dollars And _____ Cents	L.S.	N/A	\$ _____
2B	Bid Allowance, if required and authorized by Owner, for Additional Site Work	L.S	N/A	\$25,000
2C	Bid Allowance, if required and authorized by Owner, for Additional Electrical Work	L.S	N/A	\$125,000
2D	Bid Allowance, if required and authorized by Owner, Additional structural improvements	L.S	N/A	\$75,000
2E	Bid Allowance, if required and authorized by Owner, Additional instrumentation improvements	L.S	N/A	\$50,000
2F	Bid Allowance, if required and authorized by Owner, Additional new service duct and casing work under Popes Head Road	L.S	N/A	\$20,000
2G	Contingent Contract Item. Replacement of 4 inch service duct if required and authorized by Owner, unit price per linear foot of duct.	200 LF	\$ _____ LF	\$ _____
2H	Bid Allowance, if required and authorized by Owner, for Handling of Legally Regulated Materials	L.S	N/A	\$25,000

CONTRACT ITEM NO.	DESCRIPTION OF WORK PRICE IN WORDS	EST QTY	UNIT PRICE	COMPUTED TOTAL PRICE
Computed Total Bid Price for All Contract Items (Total Bid Price) (Sum of Contract Items 1A through 2H above)				
(In Writing)			(In Figures)	
_____ Dollars and			\$ _____	
_____ Cents				

See Sections 01200, Measurement and Payment, for requirements at each pump station.

Note: The Total Bid Price must include Bid Items 1A through 2H and the additional pay items listed in Part B (below).

PART B – PAY ITEMS TO BE INCLUDED IN THE TOTAL BID PRICE AND REFLECTED IN SCHEDULE OF VALUES

- | | |
|------------------------------|--|
| 1. CONSTRUCTION SCHEDULE | \$10,000 See Specification Section 01320 |
| 2. PROJECT RECORD DOCUMENTS | \$10,000 See Specification Section 01780 |
| 3. OPERATION AND MAINTENANCE | \$5,000 See Specification Section 01782 |

These pay items are not allowances and the Contractor must account for the designated value notes above in its Total Bid Price for the project and reflected as such in the schedule of values. The Payment for these items will be made as outlined in applicable specification sections.

PART C – CERTAIN AGREEMENTS OF BIDDER

The undersigned Bidder hereby represents, warrants, covenants, and agrees as follows:

1. This Bid is made without any understanding or agreement with any other individual, partnership, corporation or other entity making a Bid for the same purpose and is in all respects fair and without collusion or fraud.
2. The Bidder is not in arrears to Fairfax Water or Fairfax County upon debt or contract, and is not in default, as surety or otherwise, on any obligation to Fairfax Water or Fairfax County.
3. No officer or employee whose salary is payable in whole or in part by Fairfax Water is presently nor shall become interested, directly or indirectly, as a contracting party, partner, stockholder, surety or otherwise, in this Bid, or in the performance of the Contract, or in the supplies, materials, or equipment and work or labor to which it relates, or in any portion of the profits thereof.
4. All proposed goods and services shall satisfy fully the requirements of the Contract Documents.
5. The Bidder is financially solvent and sufficiently experienced and competent to perform the Work.

6. The Bidder has been provided the opportunity to carefully examine the site of the Work and, from its own investigations, is satisfied as to the nature and location of the Work; the character, quality and quantity of existing materials and conditions likely to be encountered; the kind and extent of equipment and other facilities needed for the performance of the Work; the general and local conditions; and all other items which reasonably may be expected to affect the Work or its performance.
7. The Bidder: (a) has carefully reviewed and thoroughly understands the scope, terms and conditions set forth in the Contract Documents; (b) has made due inquiry of Fairfax Water as to the existence of any Addenda issued in connection with this IFB; (c) is satisfied that it has received any and all such Addenda and the Bidder has taken the contents thereof into consideration when preparing and submitting this Bid; and (d) accepts full and complete responsibility for the receipt of any and all such Addenda and waives any claim of mistake or error in its Bid based upon its failure, in fact, to have reviewed all applicable Addenda.
8. The undersigned Bidder acknowledges and agrees that Fairfax Water reserves the right to cancel this solicitation, reject any or all Bids, and/or waive any informality in a Bid in the interests of Fairfax Water. Except as set forth in the Instructions to Bidders, this Bid, once submitted, may not be withdrawn for a period of 90Days from the date fixed for opening of the Bids.
9. The undersigned Bidder does not and will not during the performance of the Contract for this project violate the provisions of the Federal Immigration Reform and Control Act of 1986, which prohibits employment of illegal aliens.

PART D – QUALIFICATIONS OF BIDDER

The Bidder shall be a Contractor licensed in Virginia and demonstrate relevant experience by providing at least three (3) project references, but not more than five (5), which have been successfully placed in service after January 1, 2014. When considered collectively the project references shall demonstrate experience which aligns with the work outlined in the project specifications and design plans, including but not limited to medium voltage upgrades, addition of Reduced Voltage Soft Starters (RVSSs) or Variable Frequency Drives (VFDs) to new or existing motors and commissioning, startup and testing of RVSSs or VFDs.

Completion of all Project Reference information requested. Failure by Bidder to fully complete and submit each Project Reference may deem the bid rejected on grounds of responsiveness. Fairfax Water will check all references with the project owner to confirm the information provided by the Bidder to determine responsibility. Fairfax Water reserves the right to be the sole judge of the qualifications of the Bidder in performing work and to reject any bid from contractors that do not meet these minimum qualifications.

In the spaces set forth below, please provide the information requested with regard to the three projects performed by the Bidder which meet the requirements as set forth in the Instructions to Bidders and Bid Form. **BID MAY BE CONSIDERED NON-RESPONSIVE IF BIDDER FAILS TO COMPLETELY PROVIDE THE REFERENCE INFORMATION IN THE SPACES BELOW.**

Project Reference 1

1. Project identification: _____
2. Location: _____
3. Date completed: _____
4. Description of specific work performed:

-
5. Project included upgrades to medium voltage electrical equipment (Yes/No) _____
 a. If yes, indicate voltage: _____ V
 6. Project included the installation of RVSSs or VFDs to new or existing motor (Yes/No) _____
 a. If yes, indicate motor size(s): _____ HP
 7. Project included the commissioning, startup and testing of RVSSs and/or VFDs (Yes/No) _____
 8. Name, title, address, phone numbers, and email of the owner:
 Owner: _____
 Address: _____
 Telephone: _____
 Email: _____
 Individual to Contact and Title: _____
 9. Contract price:
 Original contract value: _____
 Final contract value: _____

Project Reference 2

1. Project identification: _____
2. Location: _____
3. Date completed: _____
4. Description of specific work performed:

5. Project included upgrades to medium voltage electrical equipment (Yes/No) _____
 a. If yes, indicate voltage: _____ V
6. Project included the installation of RVSSs or VFDs to new or existing motor (Yes/No) _____
 a. If yes, indicate motor size(s): _____ HP
7. Project included the commissioning, startup and testing of RVSSs and/or VFDs (Yes/No) _____
8. Name, title, address, phone numbers, and email of the owner:
 Owner: _____
 Address: _____
 Telephone: _____
 Email: _____

Individual to Contact and Title: _____

9. Contract price:

Original contract value: _____

Final contract value: _____

Project Reference 3

1. Project identification: _____

2. Location: _____

3. Date completed: _____

4. Description of specific work performed:

5. Project included upgrades to medium voltage electrical equipment (Yes/No) _____

a. If yes, indicate voltage: _____ V

6. Project included the installation of RVSSs or VFDs to new or existing motor (Yes/No) _____

a. If yes, indicate motor size(s): _____ HP

7. Project included the commissioning, startup and testing of RVSSs and/or VFDs (Yes/No) _____

8. Name, title, address, phone numbers, and email of the owner:

Owner: _____

Address: _____

Telephone: _____

Email: _____

Individual to Contact and Title: _____

9. Contract price:

Original contract value: _____

Final contract value: _____

Project Reference 4 (optional)

1. Project identification: _____

2. Location: _____

3. Date completed: _____

4. Description of specific work performed:

-
-
5. Project included upgrades to medium voltage electrical equipment (Yes/No) _____
 - a. If yes, indicate voltage: _____ V
 6. Project included the installation of RVSSs or VFDs to new or existing motor (Yes/No) _____
 - a. If yes, indicate motor size(s): _____ HP
 7. Project included the commissioning, startup and testing of RVSSs and/or VFDs (Yes/No) _____
 8. Name, title, address, phone numbers, and email of the owner:
Owner: _____
Address: _____
Telephone: _____
Email: _____
Individual to Contact and Title: _____
 9. Contract price:
Original contract value: _____
Final contract value: _____

Project Reference 5 (optional)

1. Project identification: _____
2. Location: _____
3. Date completed: _____
4. Description of specific work performed:

5. Project included upgrades to medium voltage electrical equipment (Yes/No) _____
 - a. If yes, indicate voltage: _____ V
6. Project included the installation of RVSSs or VFDs to new or existing motor (Yes/No) _____
 - a. If yes, indicate motor size(s): _____ HP
7. Project included the commissioning, startup and testing of RVSSs and/or VFDs (Yes/No) _____
8. Name, title, address, phone numbers, and email of the owner:
Owner: _____
Address: _____
Telephone: _____

Email: _____

Individual to Contact and Title: _____

9. Contract price:

Original contract value: _____

Final contract value: _____

PART E – BIDDER’S ACKNOWLEDGEMENT

If notice of acceptance of this Bid is given to the undersigned Bidder within 90 Days after the date of opening of Bids (or such longer period as may be agreed upon by all parties), the undersigned Bidder covenants and agrees to (i) execute and deliver to Fairfax Water a Contract in the prescribed form and will submit the required Contract security and evidence of insurance within 10 Days after its receipt of such notice; and (ii) furnish all labor, supplies, materials, and equipment and perform all actions necessary to complete the entire Work in strict accordance with the Contract Documents for the Bid prices set forth herein.

Accompanying this Bid, is Bid security in an amount equal to 5% of the Total Bid Price set forth on this Bid Form which, at the election of the undersigned Bidder, may be in the form of (i) a certified or cashier’s check, (ii) a cash escrow, or (iii) a Bid bond in accordance with Section 00430.

All blanks must be filled in:

Submitted this _____ day of _____, 202__ on behalf of the Bidder named below, by the undersigned duly-authorized representative of such Bidder.

(Printed Legal Name of Bidder)

By: _____
(Signature of Bidder’s Authorized Representative)

Printed Name of Authorized Representative: _____

Title of Authorized Representative: _____

Bidder’s Virginia Contractor’s Registration Number: _____

State in which Bidder’s Principal Office is Located: _____

Escrow Option for Retainage Funds:

Bidder elects to utilize the option to have retainage funds placed in an escrow account in accordance with Virginia Code § 2.2-4334 and the form of Escrow Agreement set forth in Section 00850 of these Contract Documents:

Yes:_____ No:_____

Authorization to Transact Business in Virginia:

In accordance with § 2.2-4311.2(B) of the Code of Virginia, provide the identification number issued to your firm by the Virginia State Corporation Commission (VSCC) in the space provided below.

Bidder’s VSCC Identification Number: _____

If Bidder is not required to be authorized to transact business in Virginia under Title 13.1 or Title 50 of the Code of Virginia or any other law, provide a statement below as to why your firm is not required to be so authorized:

END OF SECTION 00400 - BID FORM

SECTION 00430

**IFB No. 24-214
PROJECT 0215A, DIVISION 041
RESTON PUMP STATION ELECTRICAL UPGRADES
&
PROJECT 2722, DIVISION 003
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that _____ (the "Principal"), a _____ whose principal place of business is in _____, and _____ (the "Surety"), a corporation organized and existing under the laws of the State of _____, with its principal office in _____, are held and firmly bound unto **FAIRFAX COUNTY WATER AUTHORITY** (the "Obligee") in the amount of five percent (5%) of the Total Bid Price (as defined below) set forth in the Bid Form submitted by the Principal for the Project described below, in good and lawful money of the United States of America, to be paid upon demand of the Obligee, for the payment of such sum well and truly to be made, the Principal and the Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally and firmly by these presents. As employed herein, the Total Bid Price is the aggregate amount (including amounts set forth with respect to any and all allowances and alternates) set forth on the Principal's Bid Form for performance of the work described below (such Bid Form hereinafter referred to as the "Bid"). The Surety hereby acknowledges and agrees that the Bid shall be deemed to be incorporated by reference in this Bid Bond to the same extent as if set forth fully herein.

WHEREAS, the Principal intends to submit, or has submitted to the Obligee, a Bid for the Principal to perform work for the Obligee, designated as:

**RESTON PUMP STATION ELECTRICAL UPGRADES
&
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

(hereinafter called the "Project") and,

WHEREAS, the Principal desires to provide this Bid Bond in lieu of a certified check or cash escrow otherwise required to accompany the Principal's Bid.

NOW THEREFORE, the conditions of this obligation are as follows: if the Bid is accepted by the Obligee, and if the Principal shall, within 10 Days after Principal receives notice of acceptance of its Bid: (i) execute and deliver to Obligee a Contract in the form included in the Bid documents for the Project on the terms, conditions and price set forth in the Bid, (ii) deliver to Obligee a Performance Bond and a Payment Bond, each properly executed and authorized in the amount of 100% of the total Contract Sum, and on the forms included in the Bid documents for the Project, and (iii) provide the Obligee with satisfactory evidence that Principal maintains all insurance required by the Contract Documents, then this obligation shall be null and void; otherwise this obligation shall be and remain in full force and, in the event of the failure of any or all of the foregoing requirements to be satisfied within the time period specified above, the Principal and Surety shall be jointly and severally liable to the Obligee, and shall pay to the Obligee, upon demand, an amount equal to the lesser of: (a) the amount of this Bid Bond and (b) the difference between the Total Bid Price set forth on the Bid and the next low Bid for the Project, in each case in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

Based upon the Surety's present knowledge and information, the Surety knows of no reason why it would not issue payment and performance bonds on behalf of the Principal for the above-referenced Project; provided however that the foregoing statement shall not be construed to be a commitment on the part of the Surety to issue either or both of such bonds on behalf of the Principal.

The Surety represents to the Principal and the Obligees that it is legally authorized to do business as a surety in the Commonwealth of Virginia.

All notices, requests, demands and other communications which are provided hereunder, shall be in writing and shall be deemed to have been duly given upon the hand delivery thereof during business hours, or upon the earlier of receipt or three Days after posting by registered mail or certified mail, return receipt requested, or on the next business day following delivery by a reliable overnight delivery service, if to the Principal or the Obligees, to the addresses set forth in the Bid, and if to the Surety, to the address set forth beneath its signature.

Unless the context otherwise requires, capitalized terms not otherwise defined in this Bond shall have the meanings assigned to them in the Contract Documents. This Bond shall be deemed to incorporate all provisions required by law to be set forth herein.

[SIGNATURES AND ACKNOWLEDGEMENTS ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the Principal and Surety have caused this Bid Bond to be executed by their duly authorized officers effective as of the ____ day of _____, 202__.

(Seal)

Principal

By: _____
Name: _____
Title: _____

(Seal)

Surety

By: _____,
Attorney-in-Fact
(Attach Copy of Power of Attorney)

Name: _____
Title: _____

Surety's Notice Address:

AFFIDAVIT AND ACKNOWLEDGEMENT OF ATTORNEY-IN-FACT

COMMONWEALTH / STATE OF _____)
CITY/COUNTY/TOWN of _____

I, the undersigned notary public, do certify that _____, whose name is signed to the foregoing Bid bond in the amount of five percent (5%) of the Total Bid Price and which names the Fairfax County Water Authority as Obligee, personally appeared before me today in the above jurisdiction and made oath that he/she is the attorney-in-fact of _____, a _____ corporation which is the Surety on the foregoing bond, that he/she is duly authorized to execute on the above Surety's behalf the foregoing bond pursuant to the Power of Attorney noted above and attached hereto, and on behalf of the Surety, he/she acknowledged the foregoing bond before me as the above Surety's act and deed.

S/he has further certified that her/his Power of Attorney has not been revoked as of the date her.
[Complete if Power is recorded: Clerk's Office: _____;
Deed Book/Page No. or Instrument No.: _____.]

Given under my hand this _____ day of _____.

Notary Public (SEAL)

My name (printed) is: _____
My registration number is: _____
My commission expires: _____

END OF SECTION 00430 - BID BOND

SECTION 00500

**AGREEMENT BETWEEN FAIRFAX WATER AND CONTRACTOR
FOR RESTON PUMP STATION ELECTRICAL UPGRADES
&
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

CONTRACT NO. _____

THIS AGREEMENT, dated this _____ day of _____, 202__, between the Fairfax County Water Authority, hereinafter referred to as the Owner or Fairfax Water, and _____, hereinafter referred to as the Contractor, in consideration of the mutual covenants and agreements hereinafter set forth, provides as follows:

Article 1. THE PROJECT

The Project is designated as follows:

**IFB 24-214
PROJECT 0215A – DIVISION 041
RESTON PUMP STATION ELECTRICAL UPGRADES
&
PROJECT 2722 - DIVISION 003
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

Article 2. WORK

- 2.1 The Work is generally described in Section 01110, Summary of Work. The Contractor will provide all materials, tools, equipment, labor, and professional and non-professional services, and shall perform all acts necessary to fully complete the Work in strict accordance with the requirements of the Contract Documents.
- 2.2 The Contractor will provide and pay for all related facilities described in the Contract Documents, including Work expressly specified as well as Work which can be reasonably inferred as necessary to produce the results intended by the Contract Documents.

Article 3. ENGINEER

- 3.1 This Project has been designed by:

**CDM SMITH, INC. (RESTON PUMP STATION ELECTRICAL UPGRADES)
10306 EATON PLACE, SUITE 220
FAIRFAX, VA 22030
&
ARCADIS U.S., INC. (POPES HEAD PUMPING STATION ELECTRICAL UPGRADES)
4301 NORTH FAIRFAX DRIVE, SUITE 530
ARLINGTON, VA 22203**

hereinafter referred to as the "Engineer" as defined in the General Conditions.

Article 4. CONTRACT SUM

- 4.1 Fairfax Water will pay the Contractor for Work completed in accordance with the Contract Documents, in U.S. currency, the Contract Sum of \$_____, as such may be adjusted from time to time in accordance with the Contract Documents.

Article 5. CONTRACT PERIOD

- 5.1 The Contractor acknowledges and agrees that time is of the essence with respect to completion of the Work. The Contractor will commence performance of the Work in accordance with the Notice to Proceed and will achieve Beneficial Use in accordance with the following constraints:

- Constraint 1: Beneficial Use of the Reston Pump Station Upgrades will be achieved on or before April 1, 2027.
- Constraint 2: Beneficial Use of the Popes Head Pumping Station Upgrades will be achieved on or before April 1, 2028.

The Contractor will achieve Final Completion within 45 calendar days after the date of Beneficial Use of the Work.

Article 6. LIQUIDATED DAMAGES

- 6.1. The amount of liquidated damages referred to in Article 8 of the General Conditions shall be as set forth below for each Day that the time consumed in completing the Work exceeds the time specified in the Contract Documents:

For each Day after the date specified for Beneficial Use: \$1,200; and

For each Day after the date specified for Final Completion: \$900.

These liquidated damages are applicable to both constraints listed above in Article 5.

Article 7. TIME PROVISIONS

- 7.1. The time of completion includes provisions for shop drawing submittal and review, improvements, lead times, deliveries, schedule requirements noted within Contract Drawings, as well as weather delays associated with normal climatic conditions. The Contractor shall not be permitted any additional time for performance of the above-referenced items, except as allowed under Article 8, part C of the General Conditions.

- 7.2 For purposes of this Agreement, "Beneficial Use" means that the facilities are completed to the point that water can be provided to the water transmission/distribution system in the quantity and quality satisfactory to the Engineer. Final copies of all operational and maintenance manuals shall be submitted 30 Days prior to the Date of Beneficial Use in accordance with Section 01770, Closeout Procedures."

Portions of the Work not essential to facility operation, which can be completed without interruption of water main operations, may be completed after Work is accepted for Beneficial Use (unless specified otherwise herein and/or on the Drawings), and may include the following items:

- a. Seeding
- b. Removal of Erosion and Sediment Control Measures
- c. Removal of Construction Facilities and Temporary Controls
- d. Asphalt Trail and Concrete Sidewalk Installation
- e. Final Pavement Restoration
- f. Landscaping
- g. Final Cleanup

7.3 "FINAL COMPLETION" shall mean the point at which all of the Work has been completed in accordance with the requirements of the Contract Documents and final cleaning has been performed, all as determined and certified in writing by the Engineer in accordance with the provisions of Section 01770, Close-out Procedures.

Article 8. PAYMENTS

8.1 Payment under this Contract shall be made in the manner provided in Article 10 of the General Conditions.

Article 9 AVAILABILITY OF FUNDS

9.1 The parties acknowledge and agree that Fairfax Water will be bound hereunder only to the extent of the funds available or which may hereafter become available for the purpose of this Agreement.

Article 10. CONTRACT DOCUMENTS

10.1 The Contract Documents listed in Article 3, A.1 of the General Conditions, comprise the entire agreement between the Owner and the Contractor with respect to the Project.

Article 11. TERMINATION

11.1 Termination of this Agreement is governed by Article 9 of the General Conditions.

Article 12. MISCELLANEOUS

12.1 Capitalized terms that are used and not otherwise defined in this Agreement shall have the meanings given them in Article 1 of the General Conditions.

12.2 This Agreement may be executed in any number of counterparts, each of which shall be deemed an original and all of which together shall constitute one document.

12.3 This Agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Virginia, without reference to conflict of law principles.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS THEREOF, the parties have caused their duly authorized representatives to execute this Agreement effective as of the date first written above.

FAIRFAX COUNTY WATER AUTHORITY

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

[CONTRACTOR]

By: _____
[Name] **[Title]**

END OF SECTION 00500 - AGREEMENT

SECTION 00610

**IFB 24-214
PROJECT 0215A – DIVISION 041
RESTON PUMP STATION ELECTRICAL UPGRADES
&
PROJECT 2722 - DIVISION 003
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that _____ (the “Principal”), a _____ whose principal place of business is in _____, and _____ (the “Surety”), a corporation organized and existing under the laws of the State of _____, with its principal office in _____, are held and firmly bound unto **FAIRFAX COUNTY WATER AUTHORITY** (hereinafter called the “Obligee”) in the sum of _____ Dollars (\$ _____), lawful money of the United States of America, for the payment whereof the Principal and the Surety hereby bind themselves and their successors and permitted assigns, jointly and severally and firmly by these presents, for the prompt and faithful performance of all of the Work in strict conformity with the requirements of the Contract Documents for the Project.

WHEREAS, the Principal has entered into a certain Agreement with the Obligee, dated as of the ____ day of _____, 20__ (such Agreement, together with the other Contract Documents, as amended from time to time after the date hereof, hereinafter called the “Contract”), for

**RESTON PUMP STATION ELECTRICAL UPGRADES
&
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

which Contract is incorporated herein by reference;

WHEREAS, the Principal is obligated to furnish security with respect to its obligation to perform the work to be performed under the Contract; and

WHEREAS, the Principal desires to furnish this Performance Bond in lieu of a certified check or cash escrow otherwise required to be provided to the Obligee.

NOW, THEREFORE, THE CONDITIONS OF THE ABOVE OBLIGATIONS ARE SUCH THAT, if the Principal and Surety and its or their successors or assigns, or any of them shall:

Well and truly and in good sufficient and workmanlike manner perform or cause to be performed the Contract, and each and every of the covenants, promises, agreements, warranties, and provisions to be performed by the Principal set forth therein, in strict conformity with the plans, specifications, and conditions of the Contract, and complete the same within the time period specified therein, all as may be amended from time to time by the parties thereto, and fully indemnify and hold harmless the Obligee from all costs and damages which it may suffer by reason of the Principal's failure to do so and fully reimburse and repay the Obligee all costs and expenses which it may incur in making good any such default, then these obligations shall be null and void, otherwise they shall remain in full force and effect.

PROVIDED, HOWEVER, that this bond is subject to the following conditions and limitations:

- (a) No action on this Bond shall be brought unless brought within five (5) years after completion of the Contract. Completion of the Contract is established when final payment is made to the Principal pursuant to the terms of the Contract. However, if a final certificate of occupancy or written final acceptance of the Project is issued prior to final payment, the five (5) year period to bring an action shall commence no later than twelve (12) months from the date of the Certificate of Occupancy or written final acceptance of the Project.
- (b) The obligations of the Surety and its successors and assigns under this bond shall in no event be released or in any manner be impaired or affected by: (a) any extension of time, modification, omission, addition or amendment of or to the Contract or the Work to be performed thereunder; (b) any payment thereunder before the time required therein; (c) any waiver of any provision thereof; or (d) any assignment, subletting or other transfer of all or of any part thereof or of any Work to be performed or of any moneys due or to become due thereunder; and the Surety, for itself and its successors and assigns, hereby waives any right to receive notice of any and all of such extensions, modifications, omissions, additions, amendments, payments, waivers, assignments, subcontracts and transfers.

The Terms and Conditions of the Performance Bond set forth on Attachment A are incorporated herein by reference and shall be binding to the same extent as if set forth fully herein.

The Obligee's omission to call upon the Surety in any instance shall in no event release the Surety from any obligation hereunder.

All notices, requests, demands and other communications which are provided hereunder, shall be in writing and shall be deemed to have been duly given upon the hand delivery thereof during business hours, or upon the earlier of receipt or three (3) Days after pre-paid posting by registered mail or certified mail, return receipt requested, or on the next business day following pre-paid delivery to a reliable overnight delivery service, if to the Principal or the Obligee, to the addresses set forth in the Contract, and if to the Surety, to the address set forth beneath its signature on this Bond.

The obligations evidenced hereby shall constitute the joint and several obligations of the Principal, the Surety, and their successors and permitted assigns.

Unless the context otherwise requires, capitalized terms not otherwise defined in this Bond shall have the meanings assigned to them in the Contract Documents. This Bond shall be deemed to incorporate all provisions required by law to be set forth herein.

The Surety represents to the Principal and to the Obligee that it is legally authorized to do business as a surety in the Commonwealth of Virginia.

[SIGNATURES AND ACKNOWLEDGEMENT ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the Principal and Surety have caused this Performance Bond to be executed by their duly authorized officers effective as of the _____ day of _____, 20__.

Principal

(Seal)

By: _____

Name: _____

Title: _____

Surety

(Seal)

By: _____

Attorney-in-Fact
(Attach Copy of Power of Attorney)

Name: _____

Title: _____

Surety's Notice Address of Surety:

AFFIDAVIT AND ACKNOWLEDGEMENT OF ATTORNEY-IN-FACT

COMMONWEALTH / STATE OF _____)
CITY/COUNTY/TOWN of _____

I, the undersigned notary public, do certify that _____, whose name is signed to the foregoing Performance Bond in the amount of \$_____ and which names the Fairfax County Water Authority as Obligee, personally appeared before me today in the above jurisdiction and made oath that he/she is the attorney-in-fact of _____, a _____ corporation which is the Surety on the foregoing Bond, that he/she is duly authorized to execute on the above Surety's behalf the foregoing Bond pursuant to the Power of Attorney noted above and attached hereto, and on behalf of the Surety, he/she acknowledged the foregoing Bond before me as the above Surety's act and deed.

S/he has further certified that her/his Power of Attorney has not been revoked as of the date hereof.

[Complete if Power is recorded: Clerk's Office: _____;
Deed Book/Page No. or Instrument No.: _____.]

Given under my hand this _____ day of _____.

Notary Public (SEAL)

My name (printed) is: _____
My registration number is: _____
My commission expires: _____

Attachment A to Performance Bond

Terms and Conditions of the Performance Bond

1. In the event of the Principal's Default, and subsequent notification to the Surety pursuant to Article 9 of the General Conditions of the Construction Contract, the Surety shall, within fourteen (14) Days after receipt of such notice, contact the Obligees in writing in order to arrange for a meeting with the Obligees to discuss methods of completing the Construction Contract, including the options set forth in Paragraph 2, below. If the Surety fails to arrange a meeting as set forth above or fails to attend such meeting, the Surety shall be deemed to be in default on this Bond and the Obligees may, in its sole discretion, take such measures as it deems necessary to protect the Obligees' interests, without further notice to the Surety, and the Obligees shall be entitled to enforce any remedy available to the Obligees under the Bond, the Construction Contract, or Virginia law.
2. Within thirty (30) Days after such meeting, during which time the Surety may investigate and otherwise analyze the Project, and which period shall not toll any Construction Contract time periods nor operate as a waiver of any of the Obligees' rights, the Surety shall, at its own expense, notify the Obligees in writing that it is taking one of the following actions:
 - 2.1 By written takeover agreement with the Obligees, the Surety itself shall undertake to perform and complete the Construction Contract, which it may do through its licensed agents or through licensed independent contractors; or
 - 2.2 If acceptable to the Obligees in the Obligees' sole discretion, the Surety may waive its right to perform and complete the Construction Contract, and with reasonable promptness under the circumstances, pay to the Obligees all amounts for which it may be liable to the Obligees as Surety on this Performance Bond, including the damages described in Paragraph 4 below; or
 - 2.3 Deny liability, in whole or in part, and provide written Notice thereof to the Obligees, citing reasons for such denial.
3. If, after the meeting described above, the Surety does not proceed with reasonable promptness with one of the options provided in Subparagraphs 2.1 or 2.2 above, the Obligees may send additional written Notice to the Surety demanding that the Surety perform its obligations under the Bond. If the Surety does not proceed to perform its obligations under the Bond within fifteen (15) Days after receipt of such Notice, the Surety shall be deemed to be in default on this Bond. Thereafter, the Obligees shall be entitled to enforce any remedy available to the Obligees under the Bond, the Construction Contract and/or Virginia law. If the Surety proceeds as provided in Subparagraph 2.2, and the Surety and the Obligees are unable to agree as to the amount for which the Surety may be liable to the Obligees, or if the Surety has denied liability, in whole or in part, the Obligees, without further Notice, shall be entitled to enforce any remedy available to the Obligees under the Bond, the Construction Contract, or Virginia law. In such event, the Obligees may immediately proceed to complete the Work in any manner authorized by law.
4. If the Surety elects to act under Subparagraph 2.1 or 2.2 above, then the responsibilities of the Surety to the Obligees shall not be greater than or less than those of the Principal under the Construction Contract, and the responsibilities of the Obligees to the Surety shall not be greater than or less than those of the Obligees under the Construction Contract. To the limit of the amount of this Bond, plus the increased cost of any Change Orders under the Construction Contract, provided the Obligees commits the Balance of the Construction Contract Price to the prompt and faithful completion of the Construction Contract, the Surety is obligated without duplication for:
 - 4.1 The responsibilities of the Principal for correction of defective work and completion of the Construction Contract;

- 4.2 Additional legal, design professional, and delay costs resulting from the Principal's Default, and resulting from the actions or failure to act of the Surety under Paragraphs 1 and/or 2; and
- 4.3 Liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Principal.
5. The Surety shall not be liable to the Obligee for obligations of the Principal that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Obligee, its members, officers, administrators, successors or assigns.
6. The Surety hereby waives Notice of any changes, including changes of time and cost, to the Construction Contract or to related subcontracts, purchase orders and other obligations. The Surety understands and agrees that the penal amount of the Bond shall be increased or decreased by any changes to cost by the amount specified in any modifications and/or Change Orders.
7. **DEFINITIONS**
- 7.1 **Balance of the Construction Contract Price:** The total amount payable by the Obligee to the Principal under the Construction Contract after all proper adjustments have been made, reduced by all valid and proper payments made to or on behalf of the Principal under the Construction Contract.
- 7.2 **Construction Contract:** The Agreement between the Obligee and the Principal identified on the first page of this Performance Bond, including all Contract Documents and duly executed modifications and Change Orders thereto.
- 7.3 **Principal Default:** The occurrence of any one or more Events of Default, as defined under Article 9.A. of the General Conditions to the Construction Contract, with respect to which a Declaration of Default has been issued by the Obligee.

END OF SECTION 00610 - PERFORMANCE BOND

SECTION 00611

**IFB 24-214
PROJECT 0215A – DIVISION 041
RESTON PUMP STATION ELECTRICAL UPGRADES
&
PROJECT 2722 - DIVISION 003
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS, that _____ (the "Principal"), a _____ whose principal place of business is in _____, and _____ (the "Surety"), a corporation organized and existing under the laws of the State of _____ and having its principal office in _____, are held and firmly bound unto **FAIRFAX COUNTY WATER AUTHORITY** (hereinafter called the "Obligee") in the amount of _____ Dollars (\$ _____), lawful money of the United States of America, for the payment whereof, the Principal and the Surety hereby bind themselves and their successors and permitted assigns, jointly and severally, and firmly by these presents.

WHEREAS, said Principal has entered into a certain Agreement with Obligee, dated as of the ____ day of _____, 20____, (such Agreement, together with the other Contract Documents, as amended from time to time after the date hereof, hereinafter called the "Contract"), for

**RESTON PUMP STATION ELECTRICAL UPGRADES
&
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

which Contract is incorporated herein by reference.

WHEREAS, the Principal is obligated to furnish security with respect to its obligation to pay for all labor performed and materials furnished in furtherance of the Work provided for in the Contract; and

WHEREAS, the Principal desires to furnish this Payment Bond in lieu of a certified check or cash escrow otherwise required to be provided to the Obligee.

NOW THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if the Principal shall promptly make payment to all claimants (as hereinafter defined) for labor performed and materials furnished in the prosecution of the Work provided for in the Contract, then this obligation shall be void; otherwise it shall remain in full force and effect, subject, however, to the following conditions.

The Principal and the Surety, jointly and severally, hereby agree with the Obligee as follows:

1. A "claimant" is defined as one having a direct contract with the Principal or with a Subcontractor of the Principal for labor, material, or both for use in the performance of the Contract. A "Subcontractor" of the Principal, for the purposes of this Bond only, includes not only those Subcontractors having a direct contractual relationship with the Principal, but also any other contractor who undertakes to participate in the Work which the Principal is to perform under the

Contract, whether there are one or more intervening Subcontractors contractually positioned between it and the Principal (for example, a Subcontractor). "Labor" and "material" shall include, but not be limited to, public utility services and reasonable rentals of equipment, but only for periods when the equipment rented is actually used at the work site.

2. Any claimant who has a direct contractual relationship with the Principal and who has performed labor or furnished materials in accordance with the Contract Documents in the furtherance of the Work provided in the Contract, who has not been paid in full therefor before the expiration of ninety (90) Days after the day on which such claimant performed the last of such labor or furnished the last of such materials for which they claim payment, may bring an action on this Bond to recover any amount due them for such labor or material, and may prosecute such action to final judgment and have execution on the judgment. The Obligee need not be a party to such action and shall not be liable for the payment of any costs, fees, or expenses of any such suit.
3. Any claimant who has a direct contractual relationship with any Subcontractor of the Principal but who has no contractual relationship, express or implied, with the Principal, may bring an action on this Bond only if they have given written Notice to the Principal within ninety (90) Days after the day on which the claimant performed the last of the labor or furnished the last of the materials for which they claim payment, stating with substantial accuracy the amount claimed and the name of the person for whom the Work was performed or to whom the material was furnished. Notice to the Principal shall be served by registered or certified mail, postage prepaid, in an envelope addressed to the Principal at any place where its office is regularly maintained for the transaction of business. Claims for sums withheld as retainages with respect to labor performed or materials furnished shall not be subject to the time limitations stated in this Paragraph 3.
4. Any suit or action under this Bond shall be brought: (a) within one (1) year after the day on which the person bringing such action last performed labor or last furnished or supplied materials in furtherance of the Work described in the Contract; and (b) in a Virginia court of competent jurisdiction, with venue as provided by statute, or in the United States District Court for the district in which the Project, or any part thereof, is situated.
5. The amount of this Bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder.
6. The obligations of the Surety and its successors and assigns under this Bond shall in no event be released or in any manner be impaired or affected by: (a) any extension of time, modification, omission, addition or amendment of or to the Contract or the Work to be performed thereunder; (b) any payment thereunder before the time required therein; (c) any waiver of any provision thereof; or (d) any assignment, subletting or other transfer of all or of any part thereof or of any Work to be performed or of any moneys due or to become due thereunder; and the Surety, for itself and its successors and assigns, hereby waives any right to receive notice of any and all of such extensions, modifications, omissions, additions, amendments, payments, waivers, assignments, subcontracts and transfers.

Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Principal shall promptly furnish a copy of this Bond or shall permit a copy to be made on behalf of such potential beneficiary.

The obligations evidenced hereby shall constitute the joint and several obligations of the Principal, the Surety, and their successors, and permitted assigns.

Unless the context otherwise requires, capitalized terms not otherwise defined in this Bond shall have the meanings assigned to them in the Contract Documents. This Bond shall be deemed to incorporate all provisions required by law to be set forth herein.

The Surety represents to the Principal and to the Oblige that it is legally authorized to do business as a surety in the Commonwealth of Virginia.

[SIGNATURES AND ACKNOWLEDGEMENT ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the Principal and Surety have caused this Bond to be executed by their duly-authorized representatives effective as of the ____ day of _____, 20__.

Principal

(Seal)

By: _____
Name: _____
Title: _____

Surety

(Seal)

By: _____
Attorney-in-Fact
(Attach Copy of Power of Attorney)

Name: _____
Title: _____

Surety's Notice Address of Surety:

AFFIDAVIT AND ACKNOWLEDGEMENT OF ATTORNEY-IN-FACT

COMMONWEALTH / STATE OF _____)
CITY/COUNTY/TOWN of _____

I, the undersigned notary public, do certify that _____, whose name is signed to the foregoing Payment Bond in the amount of \$_____ and which names the Fairfax County Water Authority as Obligee, personally appeared before me today in the above jurisdiction and made oath that he/she is the attorney-in-fact of _____, a _____ corporation which is the Surety on the foregoing Bond, that he/she is duly authorized to execute on the above Surety's behalf the foregoing Bond pursuant to the Power of Attorney noted above and attached hereto, and on behalf of the Surety, he/she acknowledged the foregoing Bond before me as the above Surety's act and deed.

S/he has further certified that her/his Power of Attorney has not been revoked as of the date hereof.

[Complete if Power is recorded: Clerk's Office: _____;
Deed Book/Page No. or Instrument No.: _____.]

Given under my hand this _____ day of _____.

Notary Public (SEAL)

My name (printed) is: _____
My registration number is: _____
My commission expires: _____

END OF SECTION 00611 - PAYMENT BOND

SECTION 00612

**IFB 24-214
PROJECT 0215A – DIVISION 041
RESTON PUMP STATION ELECTRICAL UPGRADES
&
PROJECT 2722 - DIVISION 003
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES
MAINTENANCE BOND**

KNOW ALL MEN BY THESE PRESENTS, that we,

(hereinafter called "Principal"), as Principal, and _____, a corporation organized and existing under the laws of the State of _____, and authorized to transact business in the Commonwealth of Virginia as a surety (hereinafter called "Surety"), as Surety, are held and firmly bound unto **Fairfax County Water Authority**, d/b/a Fairfax Water, 8570 Executive Drive Fairfax VA 22031 (hereinafter called the "Obligee") in the sum of _____ DOLLARS (\$_____), lawful money of the United States of America, for the payment of which sum well and truly to be made, the Principal and Surety hereby bind themselves, their successors and permitted assigns, jointly and severally and firmly by these presents.

WHEREAS, the Principal entered into a certain contract with the Obligee, dated _____, 20__ (such contract, defined therein as the Contract or the Contract Documents, hereafter referred to as the "Contract") for Obligee's

**RESTON PUMP STATION ELECTRICAL UPGRADES
&
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

which Contract is incorporated herein by reference; and

WHEREAS, the Contract requires the execution and delivery of this Maintenance Bond to the Obligee on or before the date of Final Completion established in accordance with the Contract (hereafter, the "Contract Completion Date").

NOW, THEREFORE, THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, if the Principal shall, without cost to the Obligee, all work referred to in the Contract Specifications to be and remain free of any defects or deficiencies of any type or description (including but not limited to defects or deficiencies attributable to defective, faulty, or inferior workmanship and/or materials), and shall replace and repair any such defects and/or deficiencies with respect to the elevator and its components (including but not limited to any defects and/or deficiencies discovered during inspections required to be performed by the Principal on the first anniversary of the Contract Completion Date), all for a period of one (1) year after the Contract Completion Date, then this obligation shall be void; otherwise it shall remain in full force and effect.

The obligations evidenced hereby shall constitute the joint and several obligations of the Principal and the Surety and their respective successors and permitted assigns.

The Surety, for value received, on behalf of itself and its successors and assigns, hereby stipulates and agrees that the obligations of the Surety or its successors and assigns under this Maintenance Bond shall not in any manner be impaired or affected by any extension of time, modification, omission, addition or amendment of or to the inspection and repair services to be performed by the Principal in accordance with the Contract Specifications, and the Surety, for itself and its successors and

assigns, does hereby waive any right to receive notice of any and all of such extensions, modifications, omissions, additions, and amendments. The Obligee's omission to call upon or provide notice to the Surety in any instance shall in no event release the Surety from any obligation hereunder.

All notices, requests, demands and other communications which are provided hereunder must be in writing and will be deemed to have been duly given upon the hand delivery thereof during business hours, or upon the earlier of receipt or three (3) days after posting by certified mail, return receipt requested, or on the next business day following delivery to a reliable overnight delivery service, if to the Principal or the Obligee, to the addresses set forth in the Contract, and if to the Surety, to the address set forth beneath its signature. As used herein, the term "assigns" shall be limited to those assigns permitted in writing by the Obligee.

Unless the context otherwise requires, capitalized terms not otherwise defined in this Maintenance Bond shall have the meanings assigned to them in the Contract. This Maintenance Bond shall be deemed to incorporate all provisions required by law to be set forth herein. Any action to enforce the obligations evidenced by this Maintenance Bond shall be brought in a court of competent jurisdiction in the Commonwealth of Virginia.

IN WITNESS WHEREOF, the Principal and the Surety have each caused this Maintenance Bond to be signed and sealed by their duly authorized officers effective as of the ___ day of _____, 2024.

Principal

(SEAL)

By: _____

Name: _____

Title: _____

Surety

(Seal)

By: _____

Name: _____

Title: _____

Address of Surety: _____

(If executed by Attorney-in-Fact, attach copy of Power of Attorney)

END OF SECTION 00612 - MAINTENANCE BOND

SECTION 00700
IFB 24-214
PROJECT 0215A – DIVISION 041
RESTON PUMP STATION ELECTRICAL UPGRADES
&
PROJECT 2722 - DIVISION 003
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES

GENERAL CONDITIONS

ARTICLE 1	DEFINITIONS
ARTICLE 2	CONTRACTOR'S RESPONSIBILITY
ARTICLE 3	THE CONTRACT
ARTICLE 4	WAIVER AND ESTOPPEL
ARTICLE 5	ROYALTIES AND PATENTS
ARTICLE 6	PROTECTION OF PERSONS AND PROPERTY
ARTICLE 7	CHANGES IN THE WORK; RECORDS
ARTICLE 8	TIME PROVISIONS
ARTICLE 9	CONTRACTOR'S DEFAULT AND TERMINATION
ARTICLE 10	PAYMENT
ARTICLE 11	INSURANCE
ARTICLE 12	CONTRACT SECURITY
ARTICLE 13	SUBCONTRACTS AND ASSIGNMENTS
ARTICLE 14	INDEMNIFICATION
ARTICLE 15	POWERS OF FAIRFAX WATER'S REPRESENTATIVES
ARTICLE 16	BOUNDARIES
ARTICLE 17	WARRANTIES
ARTICLE 18	APPLICABLE LAW
ARTICLE 19	NON-DISCRIMINATION
ARTICLE 20	CONTRACTOR'S EMPLOYEES AND DRUG FREE WORKPLACE
ARTICLE 21	FREIGHT CLAIMS

ARTICLE 1 - DEFINITIONS

A. Definitions: Whenever used in the Contract Documents, the following terms will have the meanings set forth below, which are applicable to both singular and plural forms thereof:

"ADDENDUM" or "ADDENDA" means additional contract provisions issued in writing by the OWNER prior to the due date for the submission of Bids.

"ARCHITECT" means the licensed design professional engaged by Fairfax Water to act as such and designated to observe the performance of the Work of the Contractor and to consult with and advise Fairfax Water during construction, acting directly or through duly authorized representatives. The terms "Architect" and "Engineer" are used interchangeably in these Contract Documents.

"AUTHORIZED REPRESENTATIVE" means a representative of the Owner or the Engineer acting within the scope of his or her duties.

"AWARD LETTER" means a letter issued by Fairfax Water to the Contractor, providing notice of the award of the Contract.

"BENEFICIAL USE" means the stage in the progress of the Work at which the Engineer and Owner agree that construction of the Work, or specified part thereof, is sufficiently complete, in accordance with the Contract Documents, so that it can be utilized by the Owner for the purposes for which it was intended. Project-specific requirements for Beneficial Use may be set forth in the Agreement, Section 00500.

"BID" or "BID FORM" means the offer of a Bidder to provide specific goods and/or services in accordance with all terms, conditions and specifications indicated in a solicitation.

"BIDDER" means the corporation, limited liability company, partnership or other entity which submits a Bid to Fairfax Water for performance of the Work.

"CHANGE ORDER" means a document in the form attached to these General Conditions as Exhibit 1 issued after the effective date of the Contract. Once signed by the Owner and the Contractor, a Change Order: (a) authorizes any combination of an addition to, deletion or revision of the Work, including any associated adjustment to the Contract Sum and/or adjustment to the Contract Period; and (b) is incorporated into and becomes part of the Contract Documents.

"CONTRACT" or "CONTRACT DOCUMENTS" means and refers to the documents listed in Article 3.A.1 of these General Conditions. The terms "Contract" and "Contract Documents" are used interchangeably.

"CONTRACT DRAWINGS" or "DRAWINGS" means a graphic representation included among the Contract Documents, typically drawn to scale, showing technical information, design, location, and dimensions of elements of the Work.

"CONTRACT ITEM" means a component of the Work required or described in the Contract Documents. The term "Item" as used in the Specifications (Section 01200, Measurement and Payment) shall have the same meaning and be used interchangeably with the term "Contract Item."

"CONTRACT PERIOD" means the total number of days specified in the Agreement, Section 00500, for achieving Final Completion of the Work, as such period may be adjusted from time to time in accordance with the Contract Documents.

"CONTRACT SUM" means the total compensation payable to the Contractor for performing the Work in accordance with the Contract Documents. Such amount is determined by reference to the Contractor's Bid Form and subject to modification from time to time in the manner provided herein.

"CONTRACTOR" means the corporation, limited liability company, partnership or other entity with whom Fairfax Water has entered into a Contract for performance of the Work.

"CRITICAL PATH" means the longest continuous, sequential duration of dependent activities from the date of commencement of the Contract Period (as established by the Notice to Proceed) to the Date of Beneficial Use, which indicates the minimum overall time necessary to complete the Work. A delay of any activity along the Critical Path will result in a delay to the Date of Beneficial Use unless the duration of a subsequent activity on the Critical Path is reduced to offset the delay and maintain the Date of Beneficial Use.

"DATE OF BENEFICIAL USE" shall be the date upon which the Engineer certifies in writing that Beneficial Use has been achieved.

"DAY" means a calendar day.

"DEFECTIVE" is an adjective that, when modifying the word "Work," refers to Work that is unsatisfactory, faulty, or deficient, in that it does not conform to the requirements of the Contract Documents, or does not meet the requirements of any inspection, reference standard, test, or approval referred to in the Contract Documents, or has been damaged prior to the determination of Final Completion of the Work (unless responsibility for the protection thereof shall have been assumed by Fairfax Water following the Date of Beneficial Use).

"DIVISION" means a designated portion of the Project.

"ENGINEER" means the licensed design professional engaged by Fairfax Water to act as such and designated to observe the performance of the Work of the Contractor and to consult with and advise Fairfax Water during construction, acting directly or through duly authorized representatives. The terms "Engineer" and "Architect" may be used interchangeably in these Contract Documents.

"EXTRA WORK" means work (other than that required either explicitly or implicitly by the Contract in its original form) which is authorized by Change Order or Work Order.

"FAIRFAX WATER" has the same meaning as "OWNER" and in either case shall refer to the Fairfax County Water Authority.

"FINAL COMPLETION" means the full performance of all Work in strict accordance with the terms and conditions of the Contract Documents, including the completion of all items identified on punch lists generated through the inspections set forth in Article 8 hereof and submission of all information, manuals, warranties and documentation required by the Contract.

"FURNISH" and "PROVIDE" means to supply and equip so as to be ready for its intended use in accordance with the requirements of the Contract Documents. Unless otherwise expressly specified, any item that is to be furnished or provided hereunder is required to be installed by the Contractor in accordance with all applicable requirements of the Contract Documents. The terms "furnish" and "provide" are used interchangeably in these Contract Documents."

"GENERAL MANAGER" means the General Manager of Fairfax Water, or his or her designee.

"INSTALL" means put in place and ready for its intended use in accordance with the requirements of the Contract Documents. Installation shall include but not be limited to: (a) the provision of all required spare parts, all operation and maintenance manuals, all maintenance summaries, all certificates of proper installation, and documentation of the satisfactory completion of all testing requirements; and (b) the completion of all other specified services, including but not limited to any staff training requirements.

"LAWS AND REGULATIONS" or "LAWS OR REGULATIONS" means any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.

"MEMBERS" means the members of the governing Board of the Fairfax County Water Authority.

"NOTICE" means written notice. Unless otherwise provided herein, Notices must be hand delivered, sent by email, sent by first class mail, postage prepaid, or sent by nationally recognized express courier service. Notices will be effective upon receipt if hand delivered or sent by email (with confirmation of receipt), three (3) Days after mailing if sent by mail, and one (1) Day after dispatch if sent by express courier, to the addresses, individuals, and/or emails set forth below:

If to the Contractor:

The Contractor's office at the Project or to the business address or email address of the Contractor as stated on its Bid Form or otherwise provided for such purpose, or if delivered in person to the Contractor, to the Contractor's foreman or superintendent for the Project, or any officer or director of the Contractor.

If to the Owner:

Director Engineering & Construction
Fairfax Water
8570 Executive Park Avenue
Fairfax, Virginia 22031

Attention: Director of Engineering & Construction

Email Address for Owner: wdewhirst@fairfaxwater.org

Either party may, by written notice delivered in the manner prescribed herein, change its address for receipt of Notices hereunder.

"NOTICE TO PROCEED" means the Notice issued by Fairfax Water to the Contractor establishing the date of commencement of the Contract Period. The Notice to Proceed will identify the date for completion of the Work (and expiration of the Contract Period) if not otherwise specified in the Contract Documents.

"OVERHEAD" means the cost of administration, field office and home office costs (including extended costs), general superintendence, office engineering and estimating costs, other required insurance, safety requirements, reproduction, preparing proposals and schedule updates, changes to sequencing of Work, disruption of Work, materials used in temporary structures (not including form work), additional premiums on the performance and payment bonds of the Contractor, the use of small tools, scheduling costs, cumulative impact costs and all other costs incidental to the performance of a change in the Work or to the cost of doing business. Small tools are defined as any tool with a replacement value less than \$1,000.

"OWNER" means the Fairfax County Water Authority, a public body politic and corporate organized and existing under the laws of the Commonwealth of Virginia and doing business as "Fairfax Water."

"PROJECT" means the entire improvement which is the subject of the Contract.

"SAMPLES" means the physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work shall be judged.

"SHOP DRAWINGS" means the drawings, diagrams, illustrations, schedules, installation descriptions, and other data or information prepared by or for the Contractor and submitted by the Contractor to provide detailed information for the fabrication, location, erection, installation, connection and methodology associated with the Work. Shop Drawings are intended to aid in the preparation and installation of materials and to ascertain that

the materials proposed by the Contractor conform to the requirements of the Contract Documents. Shop Drawings are not Contract Drawings as so defined.

"SITE" means the area upon or in which the Contractor's operations are performed and such other areas adjacent thereto as may be designated as such by the Engineer.

"SPECIFICATIONS" means the part of the Contract Documents containing the written administrative requirements and the technical descriptions of materials, equipment, construction systems, standards, and workmanship for the Work.

"SUBCONTRACTOR" means any person or entity, other than an employee of the Contractor, who has a direct contract with the Contractor to furnish, or who actually furnishes labor, materials, services, or equipment or any combination of labor, materials, services and equipment to the Contractor or other subcontractors in connection with the Work. Unless otherwise provided, the term "Subcontractor" includes Suppliers.

"SUPPLIER" means a manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with the Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by the Contractor or any Subcontractor, but who does not provide onsite labor.

"SURETY" means any person or entity that has executed as a surety the Contractors Performance Bond, Payment Bond, Maintenance Bond or all three , securing the Contractor's performance of this Contract and/or the payment of his obligations in connection herewith.

"WORK" means everything explicitly or implicitly required to be furnished and performed by the Contractor pursuant to the Contract Documents, including any Extra Work that has been incorporated by Change Order.

"WORK ORDER" means a written directive to the Contractor issued on or after the Effective Date of the Agreement and signed by the Owner and recommended by the Engineer ordering an addition, deletion, or revision in the Work.

"DIRECTED," "PERMITTED," "ORDERED," "DESIGNATED," "PRESCRIBED" and words of like import when used means the direction, requirement, permission, order, designation, or prescription of the Owner or the Engineer. "ACCEPTABLE," "SATISFACTORY," "IN THE JUDGMENT OF," and words of like import when used means acceptable to, satisfactory to or in the judgment of the Owner or Engineer.

B. Number and Gender of Words: Whenever the context so admits or requires, all references to one number shall be deemed extended to and including the other number, whether singular or plural, and the use of any gender shall be applicable to all genders.

ARTICLE 2 - CONTRACTOR'S RESPONSIBILITY

A. Contractor's Responsibility:

1. The Contractor shall perform all of the Work and shall furnish, at its own cost and expense, all labor, materials, equipment, and other facilities, except as otherwise provided herein, as may be necessary and proper for performing and completing the Work in accordance with the Contract Documents. The Contractor shall be responsible for the entire Work until completed and finally accepted by Fairfax Water. Unless the specification text expressly states that another party will be responsible for performing certain activities or providing certain material, the Contractor shall be responsible for performing the Work. Among other things, the Contractor acknowledges its responsibilities with respect to shop drawings and the construction schedule as specified in the Contract Documents.

2. Unless otherwise expressly provided, all equipment, material, and accessories incorporated in the Work will be new and in first-class condition. Unless otherwise

expressly provided, the Work must be performed in accordance with the best modern practice and with materials and workmanship of the highest quality in the industry, all as determined by, and entirely to the satisfaction of, Fairfax Water and the Engineer. All items of Work shall be performed by persons skilled in the particular task or activity to which they are assigned. Poor or inferior workmanship (as determined by the Engineer, the Owner or other inspecting authorities) shall be removed and replaced at Contractor's expense such that the Work conforms to the highest quality standards of the trades concerned, or otherwise corrected to the satisfaction of the Engineer, the Owner, and other inspecting authority, as applicable.

3. The Contractor shall be solely responsible for supervising and directing the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract. The Contractor shall be solely responsible for the means, methods, techniques, sequences and procedures of construction and for coordinating all portions of the Work, except where otherwise specified in the Contract Documents. The Contractor is solely responsible to the Owner that the finished Work complies with the Contract Documents. Neither Fairfax Water's approval nor its failure to exercise approval shall relieve the Contractor of its obligation to accomplish the result intended by the Contract, nor shall Fairfax Water's approval or failure to approve create a cause of action for damages. Notwithstanding the rights and remedies retained by Fairfax Water and the Engineer hereunder, including without limitation, Fairfax Water's and the Engineer's right to monitor the progress of the Work and to accept or retract acceptance of Subcontractors, the Contractor expressly acknowledges and agrees that it is in charge of and in control of the Work.
4. The Contractor shall be solely responsible for health and safety precautions and programs for workers and others in connection with the Work. No inspection by, knowledge on the part of, or acquiescence by the Engineer, the Owner, the Owner's employees and agents, or any other Person shall relieve the Contractor from its sole responsibility for compliance with the requirements of the Contract and its sole responsibility for health and safety programs and precautions for the Work.
5. The Contractor understands that for all or some of the Contract Period there may be other contractors on the site that are working under their own contracts with Fairfax Water. The Contractor acknowledges that it is obligated to coordinate its activities and to cooperate with such contractors and also affirms that it has included in its Bid price the full cost of doing so. The Contractor agrees that it will not make a claim against Fairfax Water for additional compensation as a result of unforeseen coordination costs arising from the activities of such other contractors except where such coordination results in an "unreasonable delay" as defined in Article 8 hereof.
6. If during its performance of the Work, the Contractor encounters physical and/or subsurface or concealed conditions at the Site which differ materially from the conditions set forth in the Contract Documents or otherwise known to, or reasonably anticipated by, the parties at the time the Contractor submitted its Bid for the Work, then the Contractor shall provide prompt Notice to the Owner and the Engineer no later than three (3) Days after discovery. The Engineer shall promptly review the conditions and propose such changes or adjustments, if any, in the Contract Documents that may be necessary to address them. The Contractor must request any change in the Contract Sum or Contract Period for such conditions pursuant to the applicable requirements in Articles 3 and 8 of these General Conditions. Compliance with the requirements of this Paragraph is a condition precedent to the Contractor's entitlement to any change or adjustment in the Contract Sum or Contract Period as a result of such Site conditions.
7. The Contractor shall in no event be or become entitled to receive additional compensation from the Owner based upon a claim following the submission of its Bid, or following its

execution of the Contract, in connection (i) with the imposition or increase of any tax or charge not previously anticipated nor (ii) with any escalation in the cost of materials, equipment, supplies, services, labor, permits, or any other items of expense associated with the Contractor's full and complete performance of the Work.

8. The Contractor hereby covenants and agrees that it does not, and shall not during the Contract Period, knowingly employ an unauthorized alien as such term is defined in the federal Immigration Reform and Control Act of 1986 or otherwise violate its provisions.
 9. The Contractor hereby represents and warrants as follows: (a) it is authorized to transact business in the Commonwealth of Virginia as a domestic or foreign business entity if so required by Title 13.1 or Title 50 of the Virginia Code, or as otherwise required by law; and (b) it will not allow its existence to lapse or its certificate of authority or registration to transact business in Virginia, if so required under Title 13.1 or Title 50 of the Virginia Code, to be revoked or cancelled at any time during the term of this Agreement.
 10. The Contractor acknowledges and agrees that neither it nor any Subcontractor or Supplier or other person or organization performing or furnishing any of the Work:
 - a. shall have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of the Engineer or Engineer's Consultant; or
 - b. shall have the right to reuse any of such Drawings, Specifications, other documents, or copies for any purpose without written consent of Fairfax Water and the Engineer and specific written verification or adaptation by the Engineer.
- B. Approval Requests: The Contractor shall submit to Fairfax Water in writing all items required to be brought to Fairfax Water's attention or to be submitted for approval. All such items must be submitted sufficiently in advance of the date upon which the information or approval is actually required by the Contractor to allow Fairfax Water to take appropriate actions so as not to delay the Work. The Contractor shall not have any right to an extension of time due to delays caused by his failure to submit any item in a timely fashion.

ARTICLE 3 - THE CONTRACT

A. The Contract:

1. The following documents, except for such portions thereof as may be specifically excluded, and the titles, subtitles, headings, running headlines, and tables of contents contained therein constitute the Contract and are defined as the Contract Documents:

- Instructions to Bidders
- Contractor's Completed Bid Form
- Award Letter
- Notice to Proceed
- Agreement
- Performance and Payment Bonds
- General Conditions
- Specifications
- Supplementary Conditions
- Drawings
- any Change Orders
- any Work Orders
- any Addenda, and

All provisions required by law to be included in this Contract, regardless of whether such provision is set forth herein or not.

The Contract Documents will in no event be deemed to include any soil, geotechnical or other reports, or any surveys or analyses of any type which may be included within the appendices or otherwise provided to the Contractor in connection with this Project. Such items, if provided by Fairfax Water, shall be for information only and may not be relied upon for any purpose by Contractor.

2. The Contract Documents are intended to be complementary, and what is called for or required by any one part is as binding as if called for or required by all. The Contractor has a duty to thoroughly review the Contract Documents and to identify any conflicts, errors, or ambiguities therein. The Contractor must promptly report any conflict, error, ambiguity, or discrepancy in the Contract Documents to the attention of Fairfax Water's Project Manager, Fairfax Water's Manager of Construction Department, and to the Engineer, in each case in writing, before proceeding with the Work affected thereby. Fairfax Water will resolve the matter in writing. Work performed by the Contractor after issuance of the Notice to Proceed and prior to written resolution thereof by Fairfax Water, shall be performed at the Contractor's own risk. In resolving such conflicts, errors, ambiguities and discrepancies, the Contract Documents shall be accorded the following order of precedence:

- Work Orders
- Change Orders
- Notice to Proceed
- Award Letter
- Addenda
- Supplementary Conditions
- General Conditions
- Agreement
- Instructions to Bidders
- Specifications
- Contract Drawings
- Contractor's Completed Bid Form

3. The drawings and specifications are divided into sections solely for purposes of convenience and clarity. The Contractor shall not construe such sections as a division of the Work into various subcontractor units. The Contractor is responsible for furnishing all Work as shown on the drawings and in the specifications.
4. Except as otherwise specifically stated in the Contract Documents or as may be provided by amendment or supplement thereto, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between the provisions of the Contract Documents and:
 - a. the provisions of any standard, specification, manual, code, or custom of any technical society, organization or association (whether or not specifically incorporated by reference in the Contract Documents); or
 - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

- B. Entire Contract: This Contract constitutes the entire agreement between the parties with respect to its subject matter and supersedes all prior agreements, both written and oral, between or among the parties with respect to the subject matter hereof. This Contract may not be modified or

amended except by written agreement signed by the Contractor and Fairfax Water or by a written directive issued by Fairfax Water in the manner prescribed herein.

C. Contractual Claims:

1. If the Contractor wishes to make a contractual claim, whether for extra compensation, damages or any other relief, he shall give Fairfax Water Notice in strict accordance with the provisions of paragraph 3.E.1 herein. The Contractor's failure to comply strictly with the requirements of paragraph 3.E.1 shall result in waiver of the claim.
2. Resolution of any outstanding claims, counterclaims, disputes and other matters in question arising out of or relating to the Contract Documents to the extent not resolved by the parties hereto, shall be decided by a court of competent jurisdiction in the Commonwealth of Virginia; provided, however, that nothing contained herein shall be construed to invalidate the finality of Fairfax Water's decisions. Fairfax Water and the Contractor hereby waive any right they may have to a jury trial in connection with the resolution of any such claim, counterclaim, dispute or other matter arising out of or in connection with the Contract Documents.

D. No Claims Against Individuals: No claim shall be made by the Contractor against any officer, Member, Authorized Representative or employee of Fairfax Water or the Engineer for, or on account of, anything done or omitted to be done in connection with this Contract, and the Contractor shall be strictly liable for all costs, attorneys' fees and expenses incurred by any individual or entity who is sued in violation of this section.

E. Disputes: In order to: (i) clearly identify the existence of a dispute between the parties and (ii) promote the prompt, efficient and fair resolution of each such dispute, the parties shall adhere strictly to the claims resolution procedure set forth below. Time is of the essence in meeting these requirements.

1. If the Contractor wishes to dispute any Work that is required, necessitated, or ordered by the Engineer or Fairfax Water, or otherwise to claim that any action required or ordered by the Engineer or Fairfax Water to be taken or not to be taken violates the terms and provisions of this Contract, then the Contractor shall proceed with such Work and/or comply with such requirement or order without delay and shall, within five Days after the earlier of (a) commencing such Work, or (b) receiving notice of such requirement or order, notify Fairfax Water and the Engineer, in writing, of his claim with respect thereto and request a written determination thereof. In order to invoke the procedures of this section, the Contractor's request must: (i) refer specifically to this section by number; (ii) be submitted in writing to Fairfax Water's Project Manager and Fairfax Water's Manager of Construction Department; (iii) contain a full explanation of the basis of the Contractor's claim or dispute and the rationale for its request, including accurate copies of all supporting documentation; and (iv) detail the quantum of any relief requested by the Contractor and provide substantiation of all amounts. No request for a Change Order, request for change proposal, or other requested modification shall be sufficient, on its own or collectively, to satisfy, or to defer the commencement of, the notice requirements set forth in this Paragraph 3.E.1. Fairfax Water shall issue a written determination with regard to any such claim on or before the date that is 30 Days after the date of its receipt of the Contractor's written request; provided, however, that in the event that Fairfax Water determines, based upon the size or complexity of the claim at issue, that additional time is required for the issuance of a response, Fairfax Water shall issue written notice of such finding to the Contractor within 30 Days following the date of its receipt of the Contractor's written request and shall issue a written determination with regard to such claim on or before the date that is 45 Days after the later of (i) the date of Fairfax Water's receipt of the Contractor's written request or (ii) the Contractor's submission of all supplemental information requested by Fairfax Water. The Contractor's failure to submit promptly any supplemental information

requested by Fairfax Water shall result in the waiver of the claim. In the event that the Contractor disagrees with Fairfax Water's written determination, then the Contractor may request a review and reconsideration of that decision by the General Manager by submitting a written request for review to the General Manager (with copies to Fairfax Water's Director of Engineering & Construction and Fairfax Water's Manager of Construction Department) within five Days after the Contractor's receipt of Fairfax Water's initial written determination. In such event, the General Manager (or his authorized designee) shall issue a written final decision on behalf of Fairfax Water within 30 Days after his receipt of the Contractor's request for review. In the event that Fairfax Water fails to issue a written determination within any of the time periods specified herein, such failure shall be deemed to constitute a denial of the claim by Fairfax Water, effective upon the last day of the applicable time period without further administrative review by Fairfax Water. In order to preserve his right to claim compensation for such Work, or damages resulting from any compliance required of the Contractor under the preceding paragraph, the Contractor shall, within five Days after receiving notice of any determination and direction issued by or on behalf of Fairfax Water, notify Fairfax Water, in writing, that the Work is being performed or that the determination and direction is being complied with under protest. Failure of the Contractor to so notify Fairfax Water as provided herein shall constitute a waiver and release of the Contractor's right to claim compensation for any Work performed under protest or for any damages resulting from such compliance.

2. All monies owed and not in dispute will be made available to the Contractor in accordance with the Contract Documents. Any request for an extension of time in connection with disputed Work shall be governed by Article 8.

F. Benefit of Agreement: The Contract Documents shall be enforceable and binding upon, and shall inure to the benefit of, the parties hereto, their respective successors and permitted assigns. The Contract is entered into for the sole benefit of the parties, and no other person or entity shall be a direct or indirect beneficiary of, or shall have any direct or indirect cause of action or claim in connection with, this Contract. Nothing contained herein, express or implied, is intended to or shall confer upon any other person any rights, benefits or remedies of any nature whatsoever under or by reason of this Agreement.

9.14 Relationship of the Parties. The Contractor will perform all obligations under the Contract as an independent contractor. Nothing herein contained shall be deemed to constitute any party a partner, agent or legal representative of the other party or to create a joint venture, partnership, agency or any relationship between the parties.

ARTICLE 4 – NO WAIVER OR ESTOPPEL

A. No Estoppel: No action or failure to act by Fairfax Water (or its officers, agents or representatives) shall be construed at any time to estop Fairfax Water from: (a) demonstrating that its actions comply with the Contract Documents; (b) asserting that the Contractor has violated, or seeks relief that would violate, the terms of the Contract Documents; (c) showing the true and correct classification, amount, quality, or character of the Work performed, or that any determination, decision, acceptance, return certificate or payment is incorrect or was improperly made in any respect, or that the Work or any part thereof does not in fact conform to the requirements of the Contract Documents; and/or (d) demanding and recovering from the Contractor any overpayment made to him or such damages as Fairfax Water may sustain by reason of the Contractor's failure to comply with the requirements of the Contract Documents.

B. No Waiver of Rights: Unless expressly provided otherwise in writing by the General Manager, Fairfax Water will not be deemed to have waived any rights or any provisions of the Contract Documents. By way of example, but without limitation, none of the following actions shall be construed as a waiver of any provisions of this Contract or of any powers provided herein:

1. Inspections conducted by Fairfax Water or the Engineer, any of its or their employees, officers or Authorized Representatives;
2. Orders for the payment of money; and
3. Payments for, or acceptance of, all or any part of the Work.

In no event shall any waiver on the part of Fairfax Water of any breach of this Contract by the Contractor constitute or be construed to be a waiver of any subsequent breach of this Contract by the Contractor.

- C. Remedies Not Exclusive: The rights and remedies set forth in this Contract shall be in addition to, and not a limitation on, any and all rights and remedies which Fairfax Water has or may have at law or in equity. The parties acknowledge and agree that Fairfax Water will have the right to enjoin the Contractor against any breach of the terms of this Contract without any showing that such relief is necessary to avoid irreparable injury and/or that there is no adequate remedy at law.

ARTICLE 5 - ROYALTIES AND PATENTS

- A. Patented Devices, Materials and Processes: The Contractor is responsible for obtaining all rights and licenses necessary to use any invention, article, appliance, process or technique of any kind in connection with the Work, and for paying all related royalties and license fees. The Contractor represents that the Contract Sum includes all such royalties and license fees. The Contractor shall indemnify and hold harmless Fairfax Water, its Members, officers, agents and employees, against any loss or liability for or on account of the infringement of any patent, copyright, or other intellectual property rights (collectively, the "IP Rights") in connection with any invention, process, technique, article or appliance manufactured or used in the performance of the Work, including any use by the Owner, unless such invention, process, technique, article or appliance is specifically named in the Contract Documents as being required for use in carrying out the Work. If, before using any invention, process, technique, article or appliance specifically named in the Specifications or Plans as being required for use in carrying out the Work, the Contractor has or acquires information that the same is covered by IP Rights making it necessary to secure the permission of the patentee, or other third party, for the use of the same, the Contractor shall promptly advise the Owner and the Engineer.

ARTICLE 6 - PROTECTION OF PERSONS AND PROPERTY

- A. Safety and Protection:

1. Safety Precautions. The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. The Contractor covenants and agrees to take (and to cause its Subcontractors to take) every reasonable precaution at all times for the protection of all persons and property at or near the Site or that may be affected by the Work, including but not limited to:
 - a. Employees providing services in connection with the Work and other persons who may be affected thereby;
 - b. The Work and all materials or equipment to be incorporated therein, whether in storage on or off the site; and
 - c. Other property at the Site or adjacent thereto, including, but not limited to, trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.

2. **Compliance with Safety Laws and Regulations.** The Contractor shall comply with all applicable laws, rules, regulations and ordinances relating to safety of persons and to protection of persons and property from damage, injury or loss. Applicable laws include, but are not limited to, the provisions of all rules and regulations governing health and safety as adopted by the Safety Codes Commission of the Commonwealth of Virginia, issued by the Department of Labor and Industry under Title 40.1 of the Code of Virginia. The Contractor shall immediately abate and resolve any violation of safety requirements or duties or any potential safety hazard that is known to the Contractor or that is brought to the attention of the Contractor by the Engineer, the Owner, or any other person.
3. **Proper Safeguards.** The Contractor shall provide and maintain at all times during performance of the Work all necessary and proper safeguards in and around the Work in order to protect all persons working, entering, or visiting in or near the Site from injury or loss, and to protect from theft and vandalism all Work, existing structures and facilities, materials, equipment, tools and personal property located at the Site or stored on or off Site for use in connection with the Work. The Contractor shall provide and maintain all passageways, guard fences, lights and other facilities for protection of persons and the Site and the Work as required by applicable laws, rules, regulations, and ordinance, or as specified in the Contract.
4. **Health and Safety Officer.** The Contractor shall designate and assign a responsible member of his organization whose duty shall be the prevention of accidents and the security of the Site for the duration of the Project. The designated Health & Safety Officer shall be present at the Pre-construction Meeting and during Project start-up, and shall make regular visits to the Site no less frequently than once per month during performance of the Work. In addition to such regular, periodic visits, the designated Health & Safety Officer also shall visit the Site as follows: (a) whenever the nature of the Work or the stage of construction calls for the presence of the Health & Safety Officer in connection with the performance of high risk elements, as determined by the Contractor's Health & Safety Plan; and (b) upon prior request by the Owner or the Engineer. The Health & Safety Officer shall have one of the following certification designations: Certified Safety Professional (CSP); Associate Safety Professional (ASP); Occupational Health and Safety Technician (OHST); or Construction Health and Safety Technician (CHST).
5. **Safety and Health Program Manual.** The Contractor shall have and maintain a Company Safety and Health Program Manual that meets all Federal, State and local safety and health requirements. The Contractor shall provide to all employees a site safety orientation and training course that identifies the site safety rules, regulations, policies, and procedures. In addition, all Federal, State and local safety training that is required, may be performed during the site safety orientation and training course.
6. **Material Safety Data Sheets.** The Contractor shall maintain Material Safety Data Sheets on the site for all materials supplied by the Contractors, Subcontractors, and Suppliers. The Contractor shall be responsible for coordinating any exchange of Material Safety Data Sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.
7. **Emergencies.** In emergencies affecting the health, safety or life of persons, or threatening loss or damage to the Work or property at the site or to adjoining property, the Contractor, without special instruction or authorization from Fairfax Water or the Engineer, is obligated to act promptly, at his discretion and risk, to prevent and/or minimize the threatened damage, injury, or loss. The Contractor shall give the Engineer prompt written notice if the Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby. If the Engineer determines that a change in the

Contract Documents is required because of the action taken by the Contractor in response to such an emergency, a written directive will be issued to document the consequences of such action. All costs associated with any such directive are solely the responsibility of the Contractor.

B. Protection:

1. Unless otherwise agreed in writing, the Contractor shall, until Final Completion of the Work, be under an absolute obligation to protect, and shall take all appropriate precautions to protect, the finished and unfinished Work against any damage, loss, or injury. Such precautions shall not relieve the Contractor from any and all liability and responsibility for loss or damage to the Work occurring before Final Completion. Such loss or damage shall be at the risk of and shall be borne by the Contractor, whether arising from acts or omissions of the Contractor or others and whether or not covered by any of the Contractor's insurance. In the event of any such loss or damage, the Contractor promptly shall repair, replace, and make good the Work without extension of time therefor, except as may be otherwise specified. The Contractor shall take special precaution throughout all his operations to guard against fire and shall reduce the amount of flammable materials stored at the Site to the minimum amount consistent with the proper handling and storing of such materials.
2. The provisions of this section shall not be deemed to create any right of action in favor of third parties against the Contractor, Fairfax Water, or the Engineer.
3. Nothing contained herein shall be construed to deny, restrict, or delay in any manner the ability of Fairfax Water or the Engineer to access or observe the Site or any portion of the Work.

ARTICLE 7 - CHANGES IN THE WORK; RECORDS

A. Minor Changes:

1. Fairfax Water reserves the right to make such minor additions, deletions, or changes to the Work as may be necessary in its sole discretion to complete the Work; provided, however, that no such additions, deletions or changes will materially affect the substance hereof or materially change the Contract Sum. This Contract will in no way be invalidated by any such additions, deletions or changes. No claim by the Contractor shall be made for loss of anticipated profits resulting from any such addition, deletion or change to the Work.
2. Construction conditions may require minor changes in the Work and equipment to be furnished and other Work to be performed hereunder. The Contractor, when ordered by Fairfax Water or Engineer, shall make such adjustments and changes in the locations and Work as may be necessary without additional cost to Fairfax Water, provided such adjustments and changes do not materially alter the character and quantity of the Work as a whole, or the Contract Sum, and provided further that Drawings and Specifications showing such adjustments and changes are given to the Contractor by Fairfax Water within a reasonable time before work involving such adjustment and changes is begun. Fairfax Water will be the sole judge of what constitutes a minor change for which no additional compensation will be allowed.
3. The Contractor shall be entitled to an extension of time for such minor changes only for the number of Days which Fairfax Water may determine to be necessary to complete such changes and only to the extent that such changes actually delay the completion of the Project, and then only if the Contractor shall have strictly complied with all the requirements of the Contract Documents, including without limitation Article 8, A, C, D, and Article 2, B hereof.

B. Extra Work:

1. Fairfax Water may, in its sole and absolute discretion and without notice to any Surety, at any time by a Change Order, or Work Order, require performance of Extra Work in the form of a change or modification to the Work consisting of additions, deletions or other revisions to the general scope of Work in the Contract as it deems necessary or desirable. The Contractor hereby covenants and agrees to perform such Extra Work on the terms and conditions set forth in the applicable Work Order or Change Order, as the case may be, and hereby waives any claim, suit or cause of action of any nature based, in whole or in part, upon the allegation that any Extra Work ordered hereunder and/or any Work omitted pursuant to Article 7(C) hereof, individually or in the aggregate, constitute a cardinal change to, or other material deviation from, the Contract Documents and/or the Work contemplated thereby.
2. A Change Order or Work Order covering Extra Work will be valid only if issued in writing and signed by Fairfax Water's Authorized Representative, and the Extra Work so ordered must be performed by the Contractor. Any attempt by the Contractor to alter or modify a Change Order or to reserve a claim thereunder shall be void and of no legal effect. Each Change Order, when executed, shall constitute full and final compensation for all matters directly or indirectly related to or arising from the Extra Work ordered thereby, including, but not limited to, all Overhead, profit, and all other direct and indirect costs associated with the Extra Work and any and all adjustments (of whatever nature) to the Contract Sum or to the Contract Period attributable to the Extra Work. Such execution shall operate as a release by the Contractor of all demands and claims against Fairfax Water for additional compensation or an adjustment of the Contract Sum or the Contract Period for all things done or furnished in connection with the Extra Work.
3. The amount of compensation to be paid to the Contractor for any Extra Work so ordered will be determined as follows:
 - a. By such applicable unit prices, if any, as are set forth in the Contract; or
 - b. If no such unit prices are set forth, then by a lump sum or other prices mutually agreed upon by Fairfax Water and the Contractor; or
 - c. If no such unit prices are set forth in the Contract and if the parties cannot agree upon a lump sum or other unit prices, then by the actual and reasonable costs in accordance with the general requirements, as represented by the Technical Specifications for the Work, as estimated or otherwise determined by the Engineer.
4. Regardless of the manner in which the adjustment to the Contract Sum on account of Extra Work is determined, such adjustment shall be deemed to include all amounts whether direct, indirect or consequential resulting from the performance of the Extra Work, including, but not limited to, all Overhead and profit. The adjustment in the Contract Sum, if any, shall constitute full and mutual accord and satisfaction for all costs related to the change.
5. Whenever Extra Work is authorized in accordance with Article 7.B.3.c and is planned to be performed by the Contractor hereunder, the Contractor shall provide prior Notice to Fairfax Water and to the Engineer of the time and place for performance of all such Extra Work. Records of Extra Work performed hereunder, if any, must be submitted by the Contractor at the end of each Day to Fairfax Water and to the Engineer. Duplicate copies of accepted records shall be made and signed by both the Contractor or his representative and Fairfax Water and Engineer, and one copy shall be retained by each. Failure of the Contractor to submit (and to obtain signed acknowledgments for) such Extra Work records, as specified,

shall constitute a waiver and release of the Contractor's right to claim compensation for such Extra Work.

6. Payment requests for approved and duly authorized Extra Work shall be included in the Contractor's monthly application for payment supported by receipted bills and submitted in accordance with Article 10 hereof.
 7. The Contractor shall be entitled to an extension of time for Extra Work duly authorized by Fairfax Water only for the number of Days required, in the opinion of the Engineer, to complete such Extra Work, and then only if the Contractor has strictly complied with all the requirements of the Contract Documents, including without limitation Article 8, A, C, D, and Article 2, B hereof.
- C. Omitted Work:
1. Fairfax Water may at any time by a written order require the omission of such Contract Work as it may find necessary or desirable in its sole and absolute discretion.
 2. An order for omission of Work will be valid only if signed by Fairfax Water's representative and the Work so ordered must be omitted by the Contractor. The amount by which the Contract Sum will be reduced shall be determined in accordance with the General Requirements.
- D. Audit: Fairfax Water and its Authorized Representatives will, until the expiration of three years from the date of final payment under this Contract, have the right to examine and copy those books, records, documents, papers and other supporting data in the possession or control of the Contractor which involve transactions related to this Contract or which otherwise permit adequate evaluation of the cost or pricing data submitted, along with the computations and projections used therein (the "Records"), and the Contractor hereby covenants to maintain the Records for such time and to deliver the Records to Fairfax Water within seven Days after its receipt of written request. The Contractor agrees that no claim for compensation shall be valid if the Contractor should fail to produce any supporting documentation requested by Fairfax Water under this section.

ARTICLE 8 - TIME PROVISIONS

- A. Contract Period: The Contractor shall complete the Work within Contract Period.
1. The Contractor must commence Work within 10 Days after the date stated as the date to proceed in the Notice to Proceed. Time being of the essence with respect to this Contract, the Contractor shall prosecute the Work diligently, using such means and methods of construction as will secure Final Completion in strict accordance with the requirements of the Contract Documents and within the Contract Period.
 2. The actual Date of Beneficial Use will be established after all inspections and testing required under the Contract Documents have been performed to the satisfaction of Fairfax Water and the Engineer, and all other contractually required submittals have been reviewed and approved by Fairfax Water and the Engineer. The process for certifying Beneficial Use is set forth below.
 - a. When the Contractor considers the Work ready for its intended use, the Contractor shall notify Fairfax Water and Engineer in writing that the Work is complete and ready for inspection and testing to determine if Beneficial Use has been achieved.
 - b. Refer to Section 00500 Agreement Form for definition of Beneficial Use as applicable to this Project.

- c. Inspection and testing shall take place within a reasonable time after receipt of the Contractor's notice, at such The inspection shall include a demonstration by the Contractor that all equipment, systems and operable components of the Project function properly and in accordance with the Contract Documents. The inspection and testing shall determine whether Beneficial Use has been achieved and shall result in a written list of unfinished Work and defective Work, commonly referred to as a "punch list", which must be completed and corrected prior to Final Completion. If the Engineer considers the Work complete for Beneficial Use, the Engineer will prepare and deliver to Fairfax Water and the Contractor a notice of completion for Beneficial Use which shall establish the Date of Beneficial Use and include the punch list described above. If the Engineer does not consider the Work complete for Beneficial Use, the Engineer will notify the Owner and the Contractor in writing with a list of the deficiencies to be corrected or completed before such Work will be deemed complete for Beneficial Use.
 - d. Fairfax Water will determine in its sole discretion whether Beneficial Use has been achieved within the applicable Contract Period milestone.
 3. Inspection and testing for Final Completion inspection shall be conducted in the same manner provided with respect to the inspection and testing for Beneficial Use. The actual date of Final Completion will be established by Fairfax Water after final inspections have been completed and all other requirements of the Contract Documents have been satisfied, including the completion of punch list items, submission of all required documentation, and correction of all defective Work. Fairfax Water will determine in its sole discretion whether Final Completion has been achieved within the Contract Period.
 4. If one or more re-inspections are required for Beneficial Use or Final Completion, the Contractor shall reimburse the Owner for all costs of re-inspection or, at the Owner's option, the costs may be deducted from payments then or thereafter due to the Contractor.
 - B. Liquidated Damages:
 1. Fairfax Water and the Contractor hereby acknowledge and agree that time is of the essence with respect to this Contract and that in the event the Contractor fails to complete the Work within the Contract Period, Fairfax Water will incur actual and considerable monetary damage.
 - a. Fairfax Water and the Contractor hereby acknowledge and agree that the stipulated amount per Day set forth in the Agreement Form (Section 00500) is reasonably in proportion to the probable loss to Fairfax Water and that amount per Day is hereby agreed upon as the liquidated damages for each and every Day that the time consumed in completing the Work exceeds the time allowed.
 2. This amount shall in no event be considered as a penalty or otherwise than as the liquidated and adjusted damages to Fairfax Water because of the delay, and the Contractor and his Surety hereby agree that the stated sum per Day for each such Day of delay shall be deducted and retained out of the monies which may become due hereunder and if not so deducted, the Contractor and his Surety shall be liable for such amount. The Contractor and his Surety hereby waive any defense as to the validity of any liquidated damages stated herein on the grounds that such liquidated damages are void as penalties or are not reasonably related to actual damages.
 - C. Extension of Time:

1. Delays to Progress of Work. The parties to this Contract wish to provide a framework for resolving issues in connection with any delays that may occur on this Project. No extension of the Contract Period will be effective unless granted in writing, and signed by Fairfax Water.
2. Non-Weather Delays. The required procedure for seeking an extension of time for delays other than those attributable to weather is set forth below.

a. Notice of Delay. In the event of a delay in the progress of the Work, the Contractor must give written Notice of Delay to Fairfax Water's Project Manager, Fairfax Water's Manager of Construction Department, and the Engineer within two Days after the commencement of the delay and in strict accordance with these General Conditions. Each such notice shall:

- (i) be identified as a "Notice of Delay;"
- (ii) be submitted in written, narrative form on the Contractor's letterhead;
- (iii) describe, in reasonable detail, the nature of the delay encountered; and
- (iv) set forth the date of the commencement of the delay.

Neither a schedule update nor meeting minutes shall in any event be deemed to be sufficient, on its own or collectively, to satisfy the notice of requirements set forth in this Paragraph 8.C.2. In the case of a continuing cause of delay, only one notice shall be required.

b. Application for Extension of Time. In order to seek an extension of time for a delay described in a Notice of Delay submitted in accordance with the preceding paragraph, the Contractor must submit a written Application for Extension of Time to Fairfax Water's Project Manager, Fairfax Water's Manager of Construction Department, and the Engineer not more than 20 Days after the commencement of such delay. Each Application for Extension of Time shall:

- (i) be identified as an "Application for Extension of Time;"
- (ii) be on the Contractor's letterhead;
- (iii) describe in reasonable detail the reasons for and causes of the delay;
- (iv) demonstrate in a clear and convincing fashion the extent to which, if any, the delay impacts the Critical Path for the Project; and
- (v) contain a justification for each additional Day which is requested.

If the delay continues for longer than 20 Days, the Contractor must submit the substantiation and support for such delay no less frequently than in 20-Day increments.

- c. Entitlement to Extension of Time. The Contractor shall be entitled to an extension of time for delay in completion of the Work if obstructed or delayed in the commencement, prosecution or completion of any part of the Work on the Critical Path by any act or delay of Fairfax Water, or by acts or omissions of other contractors on the Project (other than Subcontractors of any tier), or by riot, insurrection, war, pestilence, acts of public authorities, fire, earthquakes, or by strikes, or other causes that, in the opinion of Fairfax Water, are entirely beyond the expectation and control of the Contractor. The Contractor

shall, however, be entitled to an extension of time for such causes only for the number of days of delay which Fairfax Water determines to be due solely and exclusively to such causes and only to the extent that such occurrences actually and adversely impacted the Critical Path for the Project, and then only if the Contractor shall have strictly complied with all of the requirements of these Contract Documents.

4. Weather Delays. The Contract Period will be adjusted to account for unusually severe weather conditions that prevent or inhibit the Contractor's performance of any part of the Work that is on the Critical Path indicated on the Schedule (such unusually severe weather conditions referred to herein as "Inclement Weather"). It is the intent of this provision to offset the impact of Inclement Weather with unusually favorable weather conditions that immediately precede and/or follow the occurrence of Inclement Weather. The Contractor shall notify Fairfax Water in writing of the occurrence of Inclement Weather within two Days after the onset of such Inclement Weather and shall describe in reasonable detail the type of Inclement Weather encountered by the Contractor and the Critical Path activities of the Work thereby interfered with or interrupted. Such notice shall be submitted to Fairfax Water's Project Manager, Fairfax Water's Manager of Construction Department, and the Engineer in written, narrative form, and not in the form of a schedule update. The Engineer and Fairfax Water will determine the Contractor's entitlement to an extension of the Contract Period for Inclement Weather by adding to the beginning and the end of the period of Inclement Weather a number of Days equal to the total number of Days of Inclement Weather (the "Inclement Period"), but in no event fewer than 15 Days and comparing the Inclement Period with the identical period for the five years preceding the Inclement Period (the "Comparison Period") based upon the accumulated record monthly or daily mean values (the choice of monthly or daily values being made by the Engineer in his sole and absolute discretion) from climatological data compiled by the U.S. Department of Commerce National Oceanic and Atmospheric Administration for Washington Dulles-International Airport or Washington National Airport, whichever is closest to the Project; provided, however, that in no event shall the Inclement Period include Days outside the Contract Period. The Contractor shall be entitled to an extension of the Contract Period only in the event and to the extent that the total number of Days of Inclement Weather during the Inclement Period exceeds the total number of Days of similar types of weather conditions during the Comparison Period.
5. Process for Review of Denial of Extension of Time. In the event the Contractor is denied an extension of time hereunder, he may contest such decision by submitting written notice to Fairfax Water's Director of Engineering & Construction (with copies to Fairfax Water's Manager of Construction Department, Fairfax Water's Project Manager) and to the Engineer within five Days after the issuance of such denial, stating in detail his reasons for disagreement and submitting all information referenced in clauses (iii) and (iv) of Paragraph 3.E.1. of these General Conditions. The Contractor shall provide the Engineer and Fairfax Water with all substantive information that supports the Contractor's claim for an extension of time, together with any supplemental information requested by the Engineer and/or Fairfax Water. The Contractor must address all elements of Fairfax Water's denial of such time extension. No claim for an extension of time under this provision will be valid (and will be deemed to have been waived) unless submitted in strict accordance with the requirements set forth herein.
6. Except as otherwise provided in paragraph 8.C.8, delays caused by the failure of the Contractor's materialmen, manufacturers, and dealers to furnish approved shop drawings, materials, fixtures, equipment, appliances, or other fittings on time or the failure of Subcontractors to perform their Work in conformity with the approved progress schedule shall not constitute a basis for extension of time.
7. Except as expressly set forth in paragraph 8.C.8. hereof, no claim for payment, compensation or adjustment of any kind (other than the extensions of time provided for

herein) shall be made or asserted against the Owner by the Contractor for costs or damages caused by hindrances or delays from any cause, whether such hindrances or delays be avoidable or unavoidable, and the Contractor shall make no claim for damages by reason of any such hindrances or delays, and will accept in full satisfaction of such hindrances or delays an extension of time to complete performance of the Work as specified.

8. Unreasonable Delays. Notwithstanding the provisions of paragraph 8.C.7., nothing contained herein is intended to, or shall have the effect of, waiving, releasing or extinguishing any rights of the Contractor to recover costs or damages for an unreasonable delay in performing this Contract, either on its behalf or on behalf of a Subcontractor, if and to the extent that such delay is caused by acts or omissions of Fairfax Water, its agents or employees, and due to matters within their control (such a delay referred to herein as an "Unreasonable Delay") and impacts the Critical Path. An Unreasonable Delay does not include an act on the part of Fairfax Water, its agents or employees that is permitted or required by this Contract. In order to seek costs or damages in connection with any such unreasonable delay, the Contractor must comply fully with each of the requirements set forth in paragraph 8.C.1. hereof, and shall identify each notice of delay and application for extension of time submitted hereunder, respectively, as a "Notice of Delay and Additional Costs" and as an "Application for Extension of Time and Additional Costs." Each Notice of Delay and Additional Costs shall contain, in addition to the requirements set forth in paragraph 8.C.1.:

(i) a description of the nature of the monetary loss or damage associated with the Unreasonable Delay

(ii) a description of the cause of the delay, with a clear explanation as to why the delay constitutes an "Unreasonable Delay," as defined above, and

(iii) a clear demonstration that the Unreasonable Delay impacts the Critical Path.

In addition to the requirements set forth in paragraph 8.C.1., each Application for Extension of Time and Additional Costs shall demonstrate in a clear and convincing fashion: (i) that the delay was an "Unreasonable Delay," as defined above; (ii) the number of Days of extension requested; (iii) a calculation of the additional compensation sought, with substantiation in the form of itemized data and records demonstrating that the costs incurred by the Contractor are directly attributable to the Unreasonable Delay; and (iv) an analysis of the impact of the Unreasonable Delay on the Critical Path.

9. In the event it is determined that the Contractor (either on its behalf or on behalf of a Subcontractor) is entitled to additional compensation on account of any such Unreasonable Delay, the amount thereof shall equal the actual costs incurred by the Contractor as a direct result of the Unreasonable Delay (as determined by the Engineer based upon information that includes but is not limited to the information submitted by the Contractor with its Application for Extension of Time and Additional Costs), subject to the LD Cap (as hereinafter defined). The amount payable to the Contractor as a direct result of the Unreasonable Delay will not exceed the LD Cap. As employed herein, the "LD Cap" means the liquidated damages amount set forth in the Supplemental Conditions (Section 0800), multiplied by the number of Days of Unreasonable Delay for which the Contractor is entitled to compensation hereunder. The parties hereby acknowledge and agree that the amount provided hereunder represents full and final compensation for all losses, costs and damages incurred in the aggregate by the Contractor and its Subcontractors (if any) in connection with an Unreasonable Delay and that neither the Contractor nor any Subcontractor will in any event submit a claim or seek further or additional compensation in excess of such amount. The parties further acknowledge and agree that the LD Cap is reasonable and equitable in all respects, and that it applies not as a penalty but as a means

of providing both parties with a measure of certainty in the event of an Unreasonable Delay.

10. In the event that the Contractor makes a claim against Fairfax Water for costs or damages due to Unreasonable Delays caused by Fairfax Water, its agents and/or employees and such claim is determined to be false or to have no basis in law or otherwise is resolved in favor of Fairfax Water, in whole or in part, then the Contractor shall be liable to Fairfax Water for a percentage of all the costs Fairfax Water incurs in investigating, analyzing, negotiating, and litigating the claim. The percentage for which the Contractor shall be liable shall be equal to the percentage of the Contractor's total delay claim that is determined through litigation or administrative procedures to be false or to have no basis in law or otherwise resolved in favor of Fairfax Water.
 11. Any claim by the Contractor (either on its behalf or that of any Subcontractor or both) arising from or in connection with a delay that is not submitted in accordance with the requirements of Article 8 shall be null and void and deemed to have been waived by the claimant. No extension of time or additional compensation will be allowed hereunder unless the Contractor demonstrates that the delay directly impacted the Critical Path of the most current approved Project schedule and that all float has been consumed. No extension of time or additional compensation will be allowed if the Contractor failed to provide all notices and information in the manner and within the time periods set forth in this Article 8.
- D. Progress Schedule: The Contractor shall comply with the Schedule requirements as outlined in the General Requirements.

ARTICLE 9 - CONTRACTOR'S DEFAULT AND TERMINATION

A. Default by Contractor:

1. In the event of any one or more of the following (each, an "Event of Default"):
 - a. the Contractor fails to begin the Work when required to do so; or
 - b. at any time during the progress of the Work, the Contractor fails to prosecute the Work with reasonable speed, or fails to perform the Work in a diligent, efficient, skillful, or careful manner, or is delaying the Work unreasonably or unnecessarily; or
 - c. the force of workers or quality or quantity of material or equipment furnished is not sufficient to ensure completion of the Work within the specified time and in accordance with the Contract Documents; or
 - d. the Contractor fails to make prompt or proper payments to Subcontractors or others for materials or labor provided in connection with the Work; or
 - e. the Contractor fails in any manner of substance to observe the provisions of this Contract; or
 - f. any of the Work, or any of the machinery, supplies or equipment provided hereunder is defective and is not replaced as herein provided; or
 - g. the Contractor fails or refuses to comply with Laws or Regulations, or with written instructions of the Engineer or Fairfax Water;

then Fairfax Water, without prejudice to any other rights or remedies it may have hereunder, will have the right to declare the Contractor in default, in whole or in part, in accordance with this Article 9. Following occurrence of an Event of Default and prior to a declaration of a default hereunder, Fairfax Water shall notify the Contractor by written notice (a "Notice of Event of Default") describing the nature of the default and directing the Contractor to submit a remediation plan for cure of such default to Fairfax Water and to commence cure thereof within three Days after the date of notice, or within such longer period as Fairfax Water, in its sole discretion, shall determine and specify.

B. Declaration of Default:

1. In the event that the Contractor: (i) fails to submit a remediation plan that is acceptable to Fairfax Water and commence cure of the default described in the Notice of Event of Default within the period of time prescribed therein (or such longer period as Fairfax Water shall have agreed upon in writing); or (ii) following submission of an acceptable remediation plan, fails to prosecute cure of the default with reasonable diligence, then Fairfax Water will have the right to declare the Contractor in default by issuance of a written Notice (a "Declaration of Default") and to take any such other actions necessary to correct or complete the Work as set forth in this Article 9.
2. Immediately, but no later than three Days after receipt of a Declaration of Default hereunder, the Contractor shall discontinue all further operations on the Project or specified part thereof identified in the Notice of Default, shall immediately vacate the Site or such part thereof, leaving untouched all plant, materials, equipment, tools, supplies and job site records, and shall cooperate fully with Fairfax Water by providing Fairfax Water with any keys or access devices used to gain entry to the Site.

C. Completion of Work after Declaration of Default:

1. Following receipt by the Contractor of a Declaration of Default, Fairfax Water may proceed to have the Work completed or the defective equipment or machinery replaced, or anything else done to complete the Work in accordance with the Contract Documents by such means and in such manner, by contract with or without public letting, or otherwise as it may deem advisable, utilizing for such purpose, without additional cost to Fairfax Water, such of the Contractor's plant, materials, equipment, tools and supplies remaining on the Site, and also such subcontractors as it may deem advisable and may take any or all of the following actions:
 - a. delete part or parts of the Work from the Contract and contract to have it performed by others;
 - b. supplement the Contractor's work force;
 - c. withhold payments due the Contractor and use such payments to satisfy any claims for monies owed by the Contractor in connection with the Project, in accordance with paragraph 10.C.2;
 - d. replace or repair any defective Work, machinery or equipment;
 - e. terminate the Contractor pursuant to Item 9.F.1.h.
2. The Contractor and his Surety shall bear all costs associated with completing or correcting the Work, including without limitation, the cost of re-letting, the amount of any liquidated damages, and any and all costs incurred in connection with the actions listed in this paragraph.

3. Any costs incurred in connection with completing or correcting the Work will be deducted from the amounts then or thereafter due the Contractor. In the event such amounts are not sufficient to cover the costs incurred in connection with completing or correcting the Work, the Contractor and his Surety shall pay to Fairfax Water the amount of any deficiency.
 4. In the event the Contractor or the Surety fails to pay Fairfax Water the costs specified in this Article, the Contractor and the Surety shall be jointly and severally liable for all costs, expenses and attorney fees incurred by Fairfax Water in collecting the amounts due.
 5. In the event of termination for default, Fairfax Water may direct that the Contractor, or one or more of its Subcontractors, or both, be barred from the Project Site and not be permitted to perform further Work. In fulfilling its obligations under the Performance Bond, the Surety shall accept and abide by such direction without additional cost to Fairfax Water.
- D. Partial Default: In the event Fairfax Water declares the Contractor in default with respect to a part of the Work in accordance with the provisions of paragraph 9.A hereof, the Contractor shall discontinue such part of the Work declared in default, shall continue performing the remainder of the Work in strict conformity with the terms of the Contract, and shall not hinder or interfere with any other contractor or persons whom Fairfax Water may engage to complete the Work for which the Contractor was declared in default. The expense of such completion shall be paid by the Contractor and his Surety as hereinbefore stated.
- F. Fairfax Water's Right to Terminate for Cause:
1. In the event:
 - a. the Contractor is adjudicated bankrupt or makes a general assignment for the benefit of its creditors; or
 - b. a receiver or trustee is appointed for the Contractor or the Contractor's property; or
 - c. the Contract or any part hereof is assigned, in whole or in part, without the prior written consent of Fairfax Water; or
 - d. this Contract or any rights, monies, or claims hereunder are assigned in whole or in part by the Contractor, otherwise than as herein specified; or
 - e. the Work to be performed under this Contract is abandoned;
 - f. Fairfax Water has issued a Declaration of Default to the Contractor in accordance with paragraph 9.B.;then Fairfax Water, without prejudice to any other rights or remedies of Fairfax Water, will have the right to terminate the Contractor for cause effective immediately upon issuance of a Notice of termination to the Contractor.
 2. If, after issuance of a Notice of termination of the Contract under the provisions of Section 9.F.1., it is judicially determined that the Contractor was not in default under the provisions of paragraph 9.A.1.a through 9.A.1.g, or that cause for such termination otherwise did not exist under the provisions of paragraph 9.F.1.a through 9.F.1.f, then the termination shall be deemed to be a termination for convenience of Fairfax Water and the rights and obligations of the parties shall be the same as if the Notice of termination had been delivered under the provisions of Section 9.G hereof; provided, however, that the

Contractor in such event shall be deemed to have received seven Days prior Notice of termination. Any compensation then or thereafter payable to the Contractor under Section 9.G shall be offset by the cost of remedying any defective Work by the Contractor. In no event shall the Contractor be entitled to recover consequential damages of any kind in connection with any termination under Article 9.

3. Fairfax Water's right to terminate this Contract for cause is in addition to and without prejudice to any other right or remedy of Fairfax Water. Any actions by Fairfax Water permitted herein shall not be deemed a waiver of any other right or remedy of Fairfax Water under the Contract or under the law. Fairfax Water may offset any claims it may have against the Contractor against the amounts due to the Contractor.
 4. Following a termination for cause hereunder, the Owner and Surety shall proceed as set forth in the Performance Bond. If the expense of finishing the Work exceeds the unpaid balance of the Contract Sum and all amounts due under the Performance Bond, the Contractor shall pay the difference to the Owner, together with any other expenses of terminating the Contract and having it completed by others.
- G. Fairfax Water's Right to Terminate for Convenience: Fairfax Water will have the right to terminate this Contract, in whole or in part, at any time without cause by giving seven Days prior notice of termination to the Contractor. Upon Notice of termination for convenience, the Contractor shall immediately cease Work and remove from the Site all of its labor forces, equipment and such of its materials as Fairfax Water elects not to purchase or to assume in the manner hereinafter provided. The Contractor also shall take such steps as Fairfax Water may require to assign to Fairfax Water the Contractor's interest in all Subcontracts and purchase orders designated by Owner. After all such steps have been taken to Owner's satisfaction, the Contractor shall receive as full compensation hereunder an amount equal to the lesser of:
- (1) the actual cost of any Work, labor or materials actually performed and in place and the actual cost of any labor, equipment or materials ordered in good faith which could not be canceled, less the salvage value thereof; or
 - (2) the pro rata percentage of completion based upon the most recent approved schedule of values furnished by the Contractor, plus the actual cost of any labor, equipment, or materials ordered in good faith which could not be canceled, less the salvage value thereof.

Each subcontract shall contain a similar termination provision for the benefit of the Contractor and Fairfax Water. The Contractor agrees neither it nor its Subcontractors shall be entitled to any additional compensation, including but not limited to loss of revenue, income, profit, business, reputation, or bonding capacity, consequential damages or lost profits, but shall only receive payment upon termination for convenience as stated in this paragraph 9.G. Fairfax Water may offset any claims it may have against the Contractor against the amounts due to the Contractor. Upon payment of the amounts stated in this Paragraph 9.G, Owner shall have no further obligations to the Contractor of any nature. Fairfax Water (or its Authorized Representative) will have the right to verify any amounts claimed by the Contractor to be due under this Section. The Contractor shall grant Fairfax Water (or its Authorized Representative) access, during normal business hours, to its books, records and contracts, insofar as they pertain to amounts claimed to be due hereunder.

ARTICLE 10 - PAYMENT

- A. Prices:
1. For the Contractor's complete performance of the Work, Fairfax Water agrees to pay, and the Contractor agrees to accept, subject to the terms and conditions hereof, the lump sum prices and/or unit prices in the Contractor's Bid and the award made thereon, taking into

consideration the actual quantities required with respect to unit price items, any deductions based on award of a combination of Divisions, if applicable, plus the amount required to be paid for Extra Work ordered under Section 7.B hereof, less credit for any Work omitted pursuant to Section 7.C hereof.

2. Under unit price items, the number of units actually required to complete the Work under the Contract may be less or more than stated in the Bid. The Contractor agrees that no claim will be made for any damages or for loss of profits or Overhead because of a difference between the quantities of the various classes of Work assumed and stated in the Bid as a basis for comparing Bids and the quantities of Work actually performed.
 3. The amount awarded as a unit price for any unit price Contract Item shall represent payment in full for all the material, equipment and labor necessary to complete, in conformity with the Contract Documents, each unit or item of Work shown, specified, or required under the unit price Contract Item.
 4. The sum awarded for any lump sum Contract or lump sum Contract Item shall represent payment in full for all Work, including material, equipment and labor necessary or required to complete, in conformity with the Contract Documents, the entire Work shown, indicated or specified under the lump sum Contract Item.
 5. No payment other than the amount awarded will be made for any class of Work included in a lump sum Contract Item or a unit price Contract Item, unless specific provision is made therefor in the Contract Documents.
- B. Submission of Schedule of Values: Within 20 Days after the execution of this Contract, the Contractor shall submit to the Engineer a breakdown of the lump sums and unit prices proposed for Contract Items, indicating the various operations to be performed under the Contract and the value of each of such operations, with the total of such items to equal the Contract Sum. The Contractor also shall submit such other information relating to the bid prices and shall revise the schedule of values to a form acceptable to the Engineer. Following acceptance of the schedule of values, it may be used for checking the Contractor's applications for partial payments hereunder but shall not be binding upon Fairfax Water or the Engineer for any purpose whatsoever.
- C. Partial Payments:
1. On or about the first of each month, the Contractor shall make and certify an estimate of the amount and the fair value of the Work performed and may apply for partial payment therefor. The Contractor shall include its federal employer identification number on each such application for payment. The Engineer may, in his discretion, revise the estimate to show the actual value of Work completed in accordance with the Engineer's observation of the Work. The Contractor agrees to be bound by Engineer's revisions to his applications for partial payment. Whenever the monthly estimate, after approval by the Engineer, shows that the value of the Work completed during the previous month exceeds \$1,000, Fairfax Water will issue a certificate for such Work. Such certificate will authorize payment by Fairfax Water in an amount equal to the value of the Work completed less any sums retained or deducted by Fairfax Water under the terms of the Contract Documents, and less retainage of 5 percent of payments claimed. Fairfax Water may, in its own discretion, reduce the amount of retainage withheld, in the latter stages of the Project.
 2. Fairfax Water may withhold payment to such extent as may be necessary in the opinion of the Engineer and Fairfax Water to protect Fairfax Water due to loss because of:
 - a. defective Work not remedied,

- b. third party claims filed or reasonable evidence indicating probable filing of such claims,
 - c. failure of the Contractor to make payments properly to subcontractors or for labor, materials or equipment,
 - d. reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum,
 - e. damage to the Owner or another caused by the negligent or wrongful act or omission of the Contractor or any Subcontractor,
 - f. reasonable evidence that the Work will not be completed within the time for completion,
 - g. failure to carry out the Work in accordance with, or to otherwise observe the requirements of, the Contract Documents, or
 - h. liability, damage, or loss due to injury to persons or damages to the Work or property of other Contractors, subcontractors of others, caused by the negligent or wrongful act or omission of the Contractor of any Subcontractor.
3. No partial payment will be made for any materials or equipment supplied hereunder before they are incorporated in the Work in a permanent manner required by the Contract Documents, unless otherwise specified herein.
4. The cost of equipment and nonperishables delivered and stored at the Site of the Project and tested for adequacy may be included in the Contractor's application for partial payment; provided, however, that the Contractor shall furnish written evidence satisfactory to Fairfax Water that the Contractor is the owner of such materials or equipment at the time of payment therefor by Fairfax Water and that such equipment is being stored and maintained in accordance with the Contract Documents and the manufacturer's recommendations. The amount to be paid will be 95 percent of the invoice cost as set forth on the original invoice from the supplier or manufacturer. Such payment shall not relieve the Contractor of full responsibility for completion of the Work and for protection of materials and equipment until incorporated in the Work in a permanent manner as required by the Contract Documents.
5. Before any payment will be made under this Contract, the Contractor and every Subcontractor, if required, shall deliver to the Engineer a written, verified statement, in satisfactory form, showing in detail all amounts then due and unpaid by the Contractor and Subcontractor to all laborers, workmen, and mechanics, employed under the Contract for the performance of the Work at the Site of the Project, for daily or weekly wages, or to other persons for materials, equipment, or supplies delivered at the Site of the Project during the period covered by the payment request.
6. Upon the request of Fairfax Water, as a prerequisite for payment pursuant to the terms of this Contract, the Contractor shall give Fairfax Water a statement that no employee of Fairfax Water, has received or has been promised, directly or indirectly, any financial benefit, by way of fee, commission, finder's fee, or other remuneration of any sort arising from or directly or indirectly related to this Contract. Fairfax Water will have the right, in its sole discretion, to withhold payment to the extent of any such fee, commission, or the like. The Contractor shall not be entitled to interest and shall not have any claim against Fairfax Water on account of any payments being withheld under this paragraph 10.C.6.

7. In addition to any other remedy provided by the Contract Documents, Fairfax Water may withhold from the Contractor as much of any approved payments to him as may in the opinion of Fairfax Water be necessary to secure: (a) just claims of any persons supplying labor or materials to the Contractor or any of his Subcontractors for the Work then due and unpaid; (b) loss due to defective Work not remedied; or (c) liability, damage, or loss due to injury to persons or damages to the Work or property of other contractors, subcontractors or others, caused by the act or neglect of the Contractor or any of his Subcontractors. Fairfax Water will have the right, as authorized representative for the Contractor, to apply any such amounts so withheld in such manner as Fairfax Water may deem proper to satisfy such claims, correct such defective Work, or to secure such protection. The application of these amounts shall be deemed payments for the account of the Contractor and will reduce Fairfax Water's indebtedness to the Contractor accordingly.
8. Fairfax Water may, at any time **during the Contract Period and to include any warranty period thereafter**, issue notice to the Contractor setting forth: (a) Fairfax Water's determination that: (i) the classification, amount, quality, or character of the Work performed by or on behalf of the Contractor shall have been incorrect in any respect; (ii) any decision, acceptance, certificate or payment issued in connection with the Work shall have been incorrect or shall have been improperly made in any respect; and/or (iii) the Work or any part thereof does not in fact conform to the requirements of the Contract Documents; and (b) the amount of any overpayment made by Fairfax Water to the Contractor in connection therewith. The amount of such overpayment shall be deducted by Fairfax Water from amounts then or thereafter due the Contractor or, upon direction of Fairfax Water as set forth in the notice, shall be paid by the Contractor and/or the Surety to Fairfax Water within 15 Days after the receipt of such notice. Any such overpayment which is not paid when due shall accrue interest at a rate of one percent per month until paid in full.

D. Final Payment:

1. Upon determination of Final Completion of the Work, the Contractor shall prepare and submit to Fairfax Water his final payment request.
2. The final payment request shall state that the Work has been completed and set forth the amount of any final payment remaining due to the Contractor. Upon Fairfax Water's acceptance that the Work is fully completed, Fairfax Water will, within 30 Days after the Final Completion date (as determined in accordance with the Contract Documents), pay the Contractor the entire amount found due thereunder, after deduction of all previous payments and all percentages and amounts to be kept and retained under provisions of this Contract. All prior partial payments, being merely estimates made to enable the Contractor to prosecute the Work more advantageously, shall be subject to correction in the final estimate and payment. The Contractor understands that, before receiving final payment, he shall submit to Fairfax Water: (a) sworn payment affidavit and release in the form attached to these General Conditions certifying that all bills for labor, materials, services and benefits provided by or through the Contractor in connection with the Work performed pursuant to the Contract Documents have been paid and that there are no claims pending or threatened in connection with the Work done or labor and materials furnished under the Contract, and releasing Fairfax Water from any and all claims arising from or in connection with the Work performed pursuant to the Contract Documents; and (b) a consent of Surety to final payment in the form attached to these General Conditions. In the event that one or more suits or causes of action is or are pending in connection with the Work, Fairfax Water, in its sole discretion, may permit the Contractor to execute a separate Surety bond in a form satisfactory to Fairfax Water, or to submit an executed consent of the Surety in a form satisfactory to Fairfax Water. Any such Surety bond shall be in an amount equal to the aggregate amount of all such suits and causes of action.

- E. Neither the final payment nor any part of the retained percentage will be paid until the Contractor, if required, furnishes Fairfax Water with a complete release and indemnity from any third-party claims which might arise out of this Contract. If a third-party claim remains unsatisfied after all payments are made, the Contractor or his Surety shall refund to Fairfax Water all monies which Fairfax Water may be compelled to pay in discharging such claim, including incidental costs and attorneys' fees.
- F. Acceptance of Final Payment: The acceptance by the Contractor, or by anyone claiming by or through him, of the final payment shall be deemed to constitute a release to Fairfax Water and every officer and Authorized Representative thereof from any and all claims, disputes and liabilities to the Contractor for anything done or furnished in connection with the Work or the Project. However, no payment, final or otherwise, no certificate of completion, nor partial or entire use or occupancy of the Work by Fairfax Water, shall be deemed to constitute an acceptance of any Work or materials not in accordance with the Contract, nor relieve the Contractor of responsibility for nonconforming materials or Defective Work, or operate to release the Contractor or its Surety from any obligation under the Contract, the Performance Bond, or the Payment Bond.
- G. Payments to Subcontractors:
1. The Contractor will be liable for the entire amount owed to any Subcontractor with which it contracts, provided that the Contractor will not be liable for amounts otherwise reducible due to the Subcontractor's noncompliance with the terms of its contract. However, in the event that the Contractor withholds all or a part of the amount promised to the Subcontractor under the contract, the Contractor must notify the Subcontractor, in writing, of its intention to withhold all or a part of the Subcontractor's payment with the reason for nonpayment. Payment by Fairfax Water to the Contractor will not be a condition precedent to payment to any lower-tier Subcontractor. Any provision in the Contract Documents contrary to this paragraph will be unenforceable.
 2. Within seven Days after receipt of each payment from Fairfax Water, the Contractor shall:
 - a. Pay each Subcontractor an amount equal to the proportionate share of the total payment received from Fairfax Water attributable to Work performed by such Subcontractor (giving effect to the percentage of payments to be retained by Fairfax Water from amounts due the Contractor); or
 - b. Notify Fairfax Water, the Engineer and the Subcontractor in writing of the Contractor's intention to withhold all or part of the amounts due the Subcontractor pursuant to paragraph 10.G.2.a above, and state the reason for such withholding.
 2. Each subcontract entered into by the Contractor in connection with the Work shall: (a) obligate the Subcontractor to include its social security number or federal employer identification number, as the case may be, on all applications for payment; and (b) obligate each Subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor as are required of the Contractor hereunder.
 3. The Contractor shall pay interest on amounts owed to the Subcontractor which remain unpaid seven Days after the Contractor's receipt of payment from Fairfax Water, provided, however, that amounts owed the Subcontractor which have been withheld properly, pursuant to Paragraph 10.G.2.b, shall not accrue interest. Interest on amounts due the Subcontractor and unpaid shall accrue at the rate of one percent per month; provided, however, that the Contractor's obligation to pay interest hereunder shall in no event be construed to be an obligation of Fairfax Water. 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 such interest charge.

- H. Payment Terms: Fairfax Water shall pay the Contractor amounts due within 45 Days of approval hereunder. Past due amounts shall accrue interest at the rate of one percent per month.

ARTICLE 11 - INSURANCE

A. Contractor's Insurance:

1. During the term of this Contract, the Contractor shall procure and maintain, with solvent and responsible companies authorized to do business under the laws of the Commonwealth of Virginia and acceptable to Fairfax Water, the following types of insurance:
 - a. Commercial General Liability and Property Damage Insurance covering claims for damages, for bodily injury, including accidental death, personal injury, products and completed operations, as well as claims for property damage which may arise from operations under the Contract, whether such operations be performed by the Contractor or by any Subcontractor, or by anyone directly or indirectly employed by either of them. Such insurance includes coverages "X", "C" and "U" for explosion, collapse of other structures and underground utilities, and Contractual Liability Insurance covering the requirements outlined in the General Conditions. This insurance shall name Fairfax Water and the Engineer as additional insureds and shall protect Fairfax Water and the Engineer against similar claims. If endorsements to the Commercial General Liability insurance policies cannot be made, then separate policies providing such protection shall be purchased by the Contractor. Policy shall be subject to a \$2,000,000 combined single limit per person/occurrence for bodily injury, property damage, and personal and advertising injury and 3,000,000 annual aggregates. This insurance shall include coverage for all the following:
 1. General aggregate limit applying on a per project basis.
 2. Liability arising from premises and operation.
 3. Liability arising from the actions of independent contractors.
 4. Liability arising from products and completed operations with such coverage to be maintained for two years after completion of the Work.
 5. Contractual liability including protection for the Contractor from bodily injury and property damage claims arising out of liability assumed under this Contract; and
 6. Liability arising from the explosion, collapse, or underground (XCU) hazards.
 - b. Errors and Omissions/Professional Liability - \$1,000,000 per combined single limit per claim and \$3,000,000 annual aggregate.
 - c. Crime Insurance/Employee Theft Insurance - to cover employee theft with a minimum single loss limit of \$1,000,000 per loss, and a minimum single loss retention not to exceed \$10,000. Fairfax Water should be added as a "loss payee."
 - d. Cyber Security / Data Breach Insurance – (For any service offering hosted by the Contractor) ten million dollars (\$10,000,000) per occurrence. The coverage must be

valid at all locations where work is performed or data or other information concerning the Fairfax Water's claimants or employers is processed or stored.

- e. Worker's Compensation and Employer's Liability Insurance for the Contractor's employees engaged in the Work under this Contract, in accordance with the laws of the Commonwealth of Virginia. The Contractor shall require each of his Subcontractors to provide Worker's Compensation and Employer's Liability Insurance for all the Subcontractor's employees engaged on such subcontracts. If any class of employees engaged on work under the Contract is not protected under the Worker's Compensation statute, the Contractor shall provide similar protection for these employees in amounts not less than the legal requirements. The amount of Employer's Liability Insurance for the Contractor and each of his Subcontractors shall be not less than \$100,000 per employee for Bodily Injury. The Worker's Compensation and Employer's Liability Insurance policy shall include an "all states" or "other states" endorsement.
- f. Commercial Automobile Liability Insurance, (including owned, hired, and non-owned vehicles) including employee's ownership liability and hired automobile insurance with liability, collision, and PIP limit of, \$1,000,000 combined single limit.
- g. All Risk Insurance covering damage, loss, or injury to the Work. The policy shall name Fairfax Water as an "additional insured" and "loss payee." If permitted by the insurer, the policy will be payable to Fairfax Water, and the proceeds thereof, when paid, will be retained by Fairfax Water as security for the performance by the Contractor of his obligations under the terms and conditions of this Contract and, upon such performance, will be released to the Contractor. If the foregoing is not permitted by the insurer, the proceeds of any claim shall be issued by the insurer by check made payable jointly to the Contractor and Fairfax Water. The policy shall be in an amount equal to the Contract Sum and shall apply to all Projects under construction by the Contractor on behalf of Fairfax Water during the term of this Contract.
- h. Contractor's Pollution Liability Insurance covering bodily injury and property damage which may arise from operations under the Contract, whether such operations be performed by the Contractor or by any Subcontractor, or by anyone directly or indirectly employed by either of them. This insurance shall name Fairfax Water and the Engineer as additional insureds and shall protect Fairfax Water and the Engineer against similar claims. Policy shall be subject to a minimum \$5,000,000 combined single limit per person/occurrence. Policy must be written on an occurrence form, and will remain in effect until Acceptance, and ensure that completed operations coverage is provided for a period of no less than two years after Acceptance. This insurance shall include coverage for all the following:
 - 1. Bodily injury and property damage to third parties.
 - 2. Natural resource damages.
 - 3. Environmental cleanup including restoration or replacement costs.
 - 4. Legal defense.
 - 5. Transportation of waste material by or on behalf of the Contractor away from the Project Limits.
 - 6. Disposal liability for pollution conditions on, at, under, or emanating from any disposal site, location or facility used by or on behalf of the Contractor for disposal of waste.

7. Waiver of Subrogation for all claims and suits, including recovery of any applicable deductibles; and
8. Severability of Interest/Separation of Insureds.

This insurance shall not contain any exclusions or limitations for:

1. Liabilities assumed under an insured contract.
2. Lead, silica, or asbestos; and
3. Leaking petroleum storage tanks.

Contractor shall submit documentation from the insurance company indicating the coverage, limitation of coverage, term of coverage, naming Fairfax Water and the Engineer as additional insured on the policy.

2. The Contractor shall require each of his Subcontractors to procure and maintain during the term of his subcontract, insurance of the type specified in paragraph 11.A.1.a, in amounts satisfactory to the Contractor.
3. Proof of insurance for each type of coverage listed herein shall be provided within 10 Days after issuance of the Award Letter for the Contract, and no Work shall proceed unless all such insurance is in effect. The Contractor shall not allow any Subcontractor to commence work under a subcontract until all such insurance of the Subcontractor has been so obtained and approved by the Contractor and found to be in accordance with the requirements set forth herein. The Contractor certifies by commencement of the Work that his insurance and that of Subcontractors is in effect and meets the requirements set forth herein.
4. The Contractor shall purchase and maintain required liability and all other insurance as is appropriate for the Work being performed and furnished. The insurance shall provide protection from claims set forth herein which may arise out of or result from Contractor's performance and furnishing of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed or furnished by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform or furnish any of the Work, or by anyone for whose acts any of them may be liable:
 - a. claims under worker's compensation, disability benefits, and other similar employee benefit acts.
 - b. claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees.
 - c. claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees.
 - d. claims for damages insured by personal injury liability coverage which are sustained: (1) by any person because of an offense directly or indirectly related to the employment of such person by Contractor; or (2) by any other person for any other reason.
 - e. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom; and
 - f. claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance, or use of any motor vehicle.
5. The insurance required to be purchased and maintained by the Contractor shall:
 - a. include completed operations insurance.

- b. with respect to completed operations insurance and any other insurance coverage written on a claims-made basis, remain in effect for at least two years after final payment (and Contractor shall furnish Fairfax Water and Engineer evidence satisfactory to Fairfax Water of continuation of such insurance at final payment and one year thereafter).
 - c. contain a cross liability or severability of interest clause or endorsement. Insurance covering the specified additional insureds shall be primary insurance, and all other insurance carried by the additional insureds shall be excess insurance.
6. Each of the foregoing insurance policies must be endorsed to provide that the insurance company shall give 30 Days' written notice to Fairfax Water if the policies are to be terminated or if any changes are made during the Contract Period which will affect in any way the insurance requirements set forth herein. Before commencing the Work, the Contractor shall provide Fairfax Water with a copy of each policy which he and each of his Subcontractors shall carry in accordance herewith, together with receipted bills evidencing proof of premium payment.
7. If at any time Fairfax Water becomes dissatisfied with any insurance company which provides required insurance coverage on behalf of the Contractor, or if for any other reason such required insurance coverage shall cease to provide adequate protection to Fairfax Water, as determined by Fairfax Water in its sole discretion, then the Contractor shall, within 10 Days after receipt of written notice from Fairfax Water, substitute one or more acceptable insurance companies and or insurance policies as may be satisfactory to Fairfax Water. The premiums on such insurance shall be paid by the Contractor and shall be included in the Contract Sum. No further partial payments shall be deemed due or be made until the new insurance coverage shall have become effective.
- B. Nothing contained herein shall effect, or shall be deemed to effect, a waiver of Fairfax Water's sovereign immunity under law.

ARTICLE 12 – CONTRACT SECURITY

A. Contract Security:

1. The Contractor shall execute and deliver to Fairfax Water Performance and Payment Bonds on the forms provided herein, each in an amount equal to the Contract Sum, and each accompanied by an appropriate Power of Attorney evidencing the authority of the Surety's representative to execute such Bond on behalf of the Surety. Each Performance and Payment Bond shall be issued by a solvent and responsible surety company that is authorized to conduct business in the Commonwealth of Virginia, named in the U.S. Treasury Department's current list of companies certified to write bonds for the federal government, and acceptable to Fairfax Water. The Performance and Payment Bonds shall serve as security for the faithful performance of this Contract, and for the payment of all persons performing labor and furnishing materials and services in connection with this Contract. The premiums on the Performance and Payment Bonds shall be paid by the Contractor and shall be deemed to be included in the Contract Sum.
2. If at any time Fairfax Water becomes dissatisfied with any Surety or Sureties upon the Performance and Payment Bonds, or if for any other reason such bond shall cease to be adequate security for Fairfax Water, as determined by Fairfax Water in its sole discretion, the Contractor shall within five days after notification, substitute acceptable bonds in such form and sum and signed by such other sureties as may be satisfactory to Fairfax Water. The premiums on such Bonds shall be paid by the Contractor and shall be included in the Contract Sum. No further partial payments shall be deemed due or be made until the new sureties have qualified.
3. Notwithstanding any provisions in these Contract Documents to the contrary, the Contractor may furnish Fairfax Water with a certified check, cashier's check, or cash

escrow in the amount of the Contract Sum in lieu of the payment bond, the performance bond, or both.

B. No Liens:

The Contractor shall keep Fairfax Water's property free and clear from all liens. The Contractor shall, upon Notice from Fairfax Water, cause any liens filed or recorded to be released within 10 Days from Notice at its cost and expense; and if the Contractor fails to do so, Fairfax Water shall have the right, but not the obligation, to cause such lien to be released by bonding or otherwise, and the Contractor shall indemnify and hold harmless Fairfax Water from all costs and expenses incurred or to be incurred as a result, including bond premiums, court costs and attorneys' fees arising from or related to such liens. At Fairfax Water's option, it may withhold payment of any sums due to the Contractor until any such liens are released, and may deduct such costs or expenses from any payment then due or thereafter becoming due from Fairfax Water to the Contractor.

ARTICLE 13 - SUBCONTRACTS AND ASSIGNMENTS

A. Limitations and Consent:

1. The Contractor shall not assign, transfer, convey, sublet or otherwise dispose of this Contract or of his right, title, or interest therein, in whole or in part, or any claim allegedly arising herefrom and shall not assign any monies due or to become due hereunder to any other person, firm or corporation without first obtaining the written consent of Fairfax Water. Fairfax Water's consent to a particular subcontract or assignment will not constitute a waiver of Fairfax Water's right to consent to any further or other subcontracts or assignments.
2. Where the Specifications establish qualifications and/or criteria for any one or more Subcontractors performing Work on the Project, the Contractor shall, as soon as practicable after receipt of Notice of Award, provide Fairfax Water and the Engineer with a listing setting forth the name and address of each such Subcontractor proposed, indicating with respect to each the trade, supplies, or other aspect of the Work the proposed Subcontractor will perform or provide. For each proposed Subcontractor, the Contractor shall include an OSHA Form 300 (a list of citations for safety violations) and a completed "Subcontractor Qualification Form" in the form attached to these General Conditions, all intended to demonstrate to Fairfax Water that the proposed Subcontractor satisfies all qualifications and/or criteria set forth in the Specifications and otherwise has the necessary facilities, skill, integrity, safety record, past experience and financial resources to perform the Work in accordance with the terms and conditions of this Contract. Unless additional or trade-specific subcontractor qualifications are required in the Contract Documents, the Contractor must, at a minimum, demonstrate to the satisfaction of Fairfax Water that the proposed Subcontractor has successfully performed similar work on a project which is similar in size, scope, and nature to the Project. The Engineer shall advise Fairfax Water of its opinion and recommendation with regard to each proposed Subcontractor. The Contractor has the burden of demonstrating that each proposed Subcontractor fully satisfies the requirements outlined above and shall not engage any Subcontractor that Fairfax Water may, within a reasonable time, object to as unsuitable.
3. If Fairfax Water finds in its sole discretion that a proposed Subcontractor satisfies the applicable requirements, then Fairfax Water will notify the Contractor in writing within 20 Days after Fairfax Water's receipt of all required information. Fairfax Water may retract its acceptance of any Subcontractor in the event such Subcontractor evidences an unwillingness or inability to perform his work in strict accordance with these Contract Documents. Notice of such retraction will be given in writing to the Contractor. Upon receipt of notification of such retraction, the Contractor shall, within 10 Days, address all

reasons stated in the retraction and furnish satisfactory evidence that immediate steps are being undertaken by the Subcontractor to correct any unwillingness or inability to perform which would have caused such retraction, or, submit a new Subcontractor for Fairfax Water's review at no additional cost.

4. Where the Specifications require the use of a specific manufacturer, supplier or installer, either by name or by identifying characteristic (by use of such term as "manufacturer-certified" or the like), the Contractor shall perform the designated portion of the Work through the specified entity, and no claim may be made for an increase in the Contract Sum, or for an extension of the Contract Period on the ground that the Contractor's Bid included performance by another means or entity, or that the Contractor otherwise intended or applied to accomplish performance in another fashion. Nothing herein shall preclude Fairfax Water in its sole discretion from consenting to a substitute manufacturer, supplier or installer and, in such event, Fairfax Water's consent shall be in writing.
 5. Upon request, the Contractor shall promptly file with Fairfax Water a conformed copy of any subcontract. The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind Subcontractors to the Contractor in accordance with the terms of these Contract Documents, insofar as applicable to the work of Subcontractors, and to give the Contractor the same power to terminate any subcontract that Fairfax Water may exercise over the Contractor under provisions of these Contract Documents.
- B. Responsibility: Fairfax Water's review or acceptance of Subcontractors in connection with this Project shall not relieve the Contractor of any of his responsibilities, duties and liabilities hereunder. The Contractor shall be solely responsible to Fairfax Water for the acts, defaults, and omissions of its agents and employees, and of all tiers of Subcontractors and Subcontractors' officers, authorized representatives and employees. Nothing contained in the Contract Documents shall be construed to create any contractual relationship between any Subcontractor and Fairfax Water or the Engineer.

ARTICLE 14 - INDEMNIFICATION

- A. Suits at Law: The Contractor hereby assumes all liability for and will indemnify and hold harmless Fairfax Water and the Engineer and its or their officers, Members, Authorized Representatives and employees (any one of which is an "Indemnified Party") against any and all claims, causes of action, losses, costs, damages, penalties, liabilities, and fees (including reasonable attorneys' fees) and expenses of any kind or nature whatsoever, resulting from or relating to: (i) any material breach of the representations, warranties, agreements, and covenants of the Contractor contained in the Contract Documents; (ii) any injuries to persons (including sickness, disease, or death) or damage to property caused by the negligent or wrongful act or omission or alleged negligent or wrongful act or omission of the Contractor or his Subcontractors, employees, or authorized representatives; (iii) any claims filed by the Contractor which are adjudicated in favor of Fairfax Water; or (iv) any claims or losses in any other manner arising out of the performance of this Contract.
- B. In the event that a claim is brought against an Indemnified Party by: (a) the Contractor or an employee of the Contractor; (b) any Subcontractor or supplier or any employee thereof; (c) any person or entity engaged by or through the Contractor or any Subcontractor or supplier to furnish or perform any portion of the Work; or (d) any person or entity for whom the Contractor or any Subcontractor or supplier may be vicariously liable, the indemnification obligations set forth in Paragraph 14.A. shall not be limited in any respect by any limitation on the type or amount of damages, compensation, benefits or other remuneration payable by or for the Contractor or any Subcontractor, supplier or other such person or entity under any laws, rules, regulations or plans of any nature governing workers' compensation, disability benefits or other employee benefits.

- C. **Claims on Behalf of Subcontractors:** The Contractor shall not present any claim to Fairfax Water by or on behalf of a Subcontractor unless the Contractor first shall have evaluated such claim thoroughly and determined it to be meritorious. When presenting a claim to Fairfax Water by or on behalf of a Subcontractor, the Contractor shall provide a reasonably detailed summary of the claim and an evaluation of the merits, together with a recommendation regarding any additional compensation or time to be granted on account of such claim and related documentation.
- D. **Liability Unaffected:** Nothing herein contained shall in any manner create any liability against Fairfax Water on account of any claim for labor, services, or materials, or of subcontractors, and nothing herein contained shall affect the liability of the Contractor or his Sureties to Fairfax Water or to any workmen or materialmen upon bonds given in connection with this Contract. The Contractor hereby acknowledges and agrees that, as between Fairfax Water and the Contractor, the Contractor shall bear full and complete responsibility for the performance of its Subcontractors, manufacturers and suppliers, regardless of whether any such Subcontractor, manufacturer or supplier was designated as "preapproved" by Fairfax Water.

ARTICLE 15 - POWERS OF FAIRFAX WATER'S REPRESENTATIVES

A. The Engineer:

1. The Engineer, in addition to those matters elsewhere herein expressly made subject to his determination, or approval, will have the power, subject to Fairfax Water's review.
 - a. To review all submittals and provide technical assistance to the Owner during construction.
 - b. To make visits to the Site at intervals appropriate to the various stages of construction to observe the progress and quality of the finished Work and to determine in general if the Work is proceeding in accordance with the Contract Documents.
 - c. To issue with reasonable promptness such written clarifications or interpretations of the Contract Documents (in the form of Drawings or otherwise) as the Engineer may determine necessary; provided that such clarifications or interpretations will be consistent with or reasonably inferable from the overall intent of the Contract Documents.
 - d. To disapprove or reject such Work as he believes to be defective, and also to require special inspections or testing of the Work, whether or not the Work is fabricated, installed or completed.
 - e. To designate a Project Representative to assist Fairfax Water's Authorized Representative in observing performance of the Work.
 - f. To be an interpreter of the requirements of the Contract Documents and to judge the acceptability of the Work performed thereunder.
2. The power of the Engineer will not be limited to the foregoing enumerations. It is the intent of this Contract that all of the Work will be subject to the Engineer's review and acceptance, except where the reviews or approval of someone other than the Engineer is expressly called for herein and except where subject to review by Fairfax Water's Authorized Representative.
3. Neither the Engineer's authority to act hereunder nor any decision made by him in good faith to exercise or not to exercise such authority will give rise to any duty or responsibility

of the Engineer to the Contractor, or to any Subcontractor, any materialman, fabricator, supplier or any of their authorized representatives or employees or any other person or entity performing any of the Work.

4. The Engineer will not be responsible for the acts or omissions of the Contractor, or any Subcontractors, or any of his or their representatives or employees or any other persons at the Site or otherwise performing the Work.
5. The Engineer will not be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto. Furthermore, the Engineer will not be responsible for the Contractor's failure to perform the Work in accordance with the Contract Documents.
6. Any requirement, direction, review, or judgment given by the Engineer is intended solely to evaluate the Work in order to determine compliance with the Contract Documents. Nothing contained in the Contract Documents and no act or omission on the part of Fairfax Water, the Engineer or their Authorized Representatives will imply that the Engineer has any authority or responsibility to supervise or direct the means and methods of the performance of the Work.

B. The General Manager:

1. The General Manager, in addition to those matters expressly made subject to his or her determination, direction or approval, will have the power:
 - a. To decide any and all questions, claims and disputes in relation to this Contract and its performance, except as herein otherwise specifically provided.
 - b. To modify or change this Contract in accordance with Article 7, B.1. so as to require the performance of Extra Work, or the omission of Contract Work or both, whenever he or she deems it in the interest of Fairfax Water to do so.
 - c. To suspend the whole or any part of the Work whenever in the General Manager's judgment, such suspension is required: (1) in the interest of Fairfax Water generally, or (2) to coordinate the work of the various contractors engaged on the Project or (3) to expedite the completion of the Project, even though the completion of this particular Contract be thereby delayed, or (4) due to a delay caused by Fairfax Water, Engineer or its or their Authorized Representatives, without compensation to the Contractor for such suspension except for actual costs of demobilization and remobilization, as noted in the General Requirements and other than extending the time for completion of the Work, as much as it may have been, in the opinion of Fairfax Water, delayed by such a suspension.
 - d. To take over, use, occupy, or operate any part of the completed or partly completed Work if, before the final acceptance of the Work, the General Manager deems such action to be in the best interests of Fairfax Water.

C. Project Documents

1. Access to Documents: Fairfax Water and any of its Authorized Representatives shall have access to all records and documents in the possession, custody, control or ownership of the Contractor relating in any way to the Project (the "Project Documents"). The Project Documents shall include, but not be limited to, the following: bid worksheets, daily reports, invoices, sub-contracts, internal memoranda, notes and other data. Fairfax Water and its Authorized Representatives shall, at any time during the term of this Contract and until the

expiration of three years from the date of final payment under this Contract, have the right to examine and copy the Project Documents, and the Contractor hereby covenants to maintain the Project Documents for such time and to deliver the Project Documents to Fairfax Water within seven Days after receipt of its request.

ARTICLE 16 - BOUNDARIES

- A. Boundaries: The Contractor shall confine his equipment, apparatus, storage of materials, supplies and the apparatus of his workmen, and of his Subcontractors, to the Project boundaries indicated by applicable laws, ordinances, and permits or by direction of Fairfax Water, unless otherwise agreed to in writing.

ARTICLE 17 - WARRANTIES

A. Warranties

1. During the Warranty Period (as defined below), the Contractor warrants to the Owner as follows (collectively, the "Warranties"): (a) all Work, materials, equipment, and workmanship shall conform strictly to the requirements of the Contract Documents and are free of defects, imperfections, or non-conformities and shall be suitable for use in accordance with its or their intended purpose or function; (b) materials and equipment furnished under the Contract Documents shall be of good quality and new (unless otherwise specified in the Contract Documents); and (c) the Work will be free of all shrinkage, settlement or other faults of any kind or nature which are attributable to defective workmanship, materials and/or equipment. These Warranties are separate and apart from any manufacturers' warranties.
2. The Warranty Period shall commence on the Date of Final Completion and shall remain in effect for a period of one year, unless a different period of time is specified herein. Equipment and facilities that have seasonal limitations on their operation (e.g. heating or air conditioning units) shall be guaranteed for one (1) full year from the date of the equipment's first seasonally appropriate test and acceptance, in writing, by the Owner. Where the Owner agrees to take occupancy following certification of Beneficial Use of a portion or phase of the Work and before the entire Work achieves Final Completion, the Warranties for that portion or phase shall begin on the date that the Owner takes occupancy, unless otherwise specified in the Contract Documents or by separate agreement.
3. If any of the Work fails to meet the standards set forth in this Article at any time within the applicable Warranty Period, then the Contractor shall correct such Work promptly after receipt of written notice from the Owner. The Contractor promptly shall:
 1. Correct, repair, replace or otherwise place in satisfactory condition all Defective Work, defects, nonconformities, inferior materials, equipment, and/or workmanship;
 2. Make good all damage to the Work or Site or equipment or contents thereof, which, in the opinion of the Owner or the Engineer, is the result of the use of materials, equipment or workmanship which are inferior, defective, or not in accordance with the requirements of the Contract Documents; and
 3. Make good any Work or materials or the equipment and contents of structures and/or Site disturbance that results from fulfilling the requirements of the Warranties.

The Contractor shall correct such Work to meet the standards of this Article, and shall repair (to such standards) any damage to the Project or other property of the Owner caused by the failure of the Work to meet the standards set forth in this Article, even if the performance of such corrective work or repairs extends beyond the applicable warranty period. This

obligation shall survive acceptance of the Work by the Owner and termination of the Contract Documents.

3. The Contractor shall provide Fairfax Water with a written extended warranty for any equipment, system, system component, or any other component of the Work that has not been shown to perform to the full satisfaction of the Owner or that has been the subject of repeated service calls or repairs during the applicable Warranty Period. Any such extended warranty shall be for a minimum of one year or such other length of time as deemed acceptable to Fairfax Water.
4. In order to make good the guarantee as herein required, the Contractor shall deposit with the Owner, before Final Payment or release of retainage, a Maintenance Bond issued by a Surety licensed to do business in Virginia and otherwise acceptable to Fairfax Water, for the full and faithful performance of the Warranties. The Maintenance Bond shall be: (a) for a period of time equivalent to the applicable warranty period; (b) in the amount of five percent (5%) of the final Contract Sum; and (c) in substantially the form attached as an exhibit to these General Conditions. Additional maintenance bonds may be required for any equipment, system, system component, or any other component of the Work that are subject to an extended warranty in accordance to Article 17.A.3.
5. Within three Days after receipt by the Contractor of notice specifying a failure of any of the Work to satisfy the Contractor's Warranties, the Owner will consult with the Contractor to determine when and how the Contractor shall remedy such failure; provided, however, that in case of an emergency requiring immediate curative action, the Contractor shall implement such action as it deems necessary and shall notify the Owner of the urgency of an expedited decision by the close of the following business day. The Contractor and the Owner shall agree on such remedy as soon as reasonably practicable. If the Contractor does not use diligent efforts to proceed promptly to effectuate such remedy within the agreed time, or should no such agreement be reached within such three-Day period (or immediately, in the case of emergency conditions), the Owner, after notice to the Contractor, shall have the right to perform or have performed by third parties the necessary remedy, and the costs thereof shall be borne by the Contractor. In the event the Owner performs or causes to be performed such corrections and repairs, then the Contractor shall reimburse the Owner for all costs associated therewith within seven Days after written demand from the Owner.
6. The Contractor shall bear all costs of correcting any Work that fails to meet the standards set forth in this Article, including additional testing and inspections, and shall be responsible for all costs associated with the repair of any damage to the Project or to the property of the Owner or of Work performed by Separate Contractors caused by such failure.
7. The Contractor's Warranties shall apply to all corrected and/or repaired Work performed hereunder. The Warranties with respect to such Work shall remain in effect with respect to each corrected and/or repaired element of the Work until the later of: (a) one year after acceptance by the Owner of such corrected and/or repaired Work; or (b) expiration of the applicable Warranty period as set forth in Section A(2) above.
8. Nothing contained in this Article shall be construed to establish a period of limitation with respect to other obligations which the Contractor might have under the Contract Documents. Establishment of the one year Warranty period specified in Section A(2) above relates only to the specific obligation of the Contractor to correct the Work and has no relationship to the time within which the obligation to comply with the Contract Documents may be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to the Contractor's obligations under the Contract Documents.

9. All special warranties and guarantees applicable to definite parts of the Work that may be stipulated in or required by the Contract Documents shall be subject to the terms of this Article during the first year of such special warranty or guarantee. The Warranties set forth in this Article shall be in addition to and not in lieu of all other warranties, express or implied, applicable to or arising from this Contract or by law.

ARTICLE 18 - APPLICABLE LAW

- A. **Compliance with Laws:** The Contractor shall comply with all local, state and federal laws, rules, ordinances and regulations applicable to this Contract and to the Work to be performed hereunder, and shall obtain at his own expense all permits, licenses or other authorizations necessary for the prosecution of the Work (except for Virginia Department of Transportation permits, Fairfax County street permits, building permit(s), and easement agreements for the Project) and shall protect and indemnify Fairfax Water and the Engineer and their employees, Members, officers and Authorized Representatives against any claim or liability arising from or based on the violation of any such laws, rules, ordinances and regulations, whether by himself, his employees, or his Subcontractors.
- B. **Legal Provisions Deemed Included:** Each and every provision of any law required by law to be inserted in this Contract shall be deemed to be inserted herein, and the Contract shall be read and enforced as though it were included herein and if, through mistake or otherwise, any such provision is not inserted or is not correctly inserted, then upon application of either party the Contract shall forthwith be physically amended to make such insertion.
- C. **Governing Law and Policy:** This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Virginia without reference to conflict of law principles.

ARTICLE 19 - NON-DISCRIMINATION

- A. **Employment Discrimination Prohibited:**
 1. During the performance of this Contract, the Contractor agrees as follows:
 - a. The Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or other basis prohibited by law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the Contractor. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
 - b. The Contractor will state that it is an equal opportunity employer in all solicitations or advertisements for employees placed by or on behalf of the Contractor.
 - c. The Contractor accepts that all 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.
 2. The Contractor shall include the provisions of the foregoing paragraphs 1.a, b, and c in every subcontract or purchase order of over \$10,000, in order that the provisions contained therein will be binding upon each such Subcontractor or vendor.
 3. Fairfax Water does not discriminate against faith-based organizations on the basis of the organization's religious character, or impose conditions that (i) restrict the religious character of the faith-based organizations, except as provided by law, or (ii) impair, diminish or

discourage the exercise of religious freedom by the recipients of goods, services or disbursements.

ARTICLE 20 - CONTRACTOR'S EMPLOYEES AND DRUG-FREE WORKPLACE

A. Character and Competency:

1. The Contractor represents that it is a duly organized and licensed entity which employs qualified and experienced personnel who specialize in performing the type of construction services required hereunder. The Contractor agrees to provide a sufficient number of personnel who are suitably qualified and experienced and who are in all respects acceptable to Fairfax Water to perform the Work in an efficient and timely manner. The Contractor represents that it is capable in all respects (including the possession of sufficient financial resources to provide fully for the payment of employees) of performing the Work and agrees to provide construction services of high quality. The Contractor agrees to diligently and conscientiously devote its resources to the performance of the Work. Fairfax Water, upon Notice to the Contractor, and in Fairfax Water's sole discretion, will have the right to direct the Contractor to remove an employee permanently from the site for any reason.
2. All personnel will present a neat appearance and will conduct work in a professional manner with minimum disturbance to Fairfax Water's normal operations. If any of the Contractor's personnel are not satisfactory to Fairfax Water, the Contractor shall replace same with satisfactory personnel. All job-site personnel shall be United States citizens, or aliens properly documented and permitted to work in accordance with federal law and U.S. Immigration and Naturalization Service regulations.
3. Alcoholic beverages, firearms and illegal drugs are prohibited on the Site.

B. Superintendence: The Contractor shall have a competent, experienced, and reliable foreman or superintendent, acceptable to Fairfax Water, who shall serve as the Contractor's authorized representative at the site and shall have authority to act on behalf of the Contractor (the "Superintendent"). The Superintendent shall have full authority to supply material and labor immediately. He shall keep on hand at all times copies of the Contract Documents. Notice or communication to the Superintendent shall be equivalent to notice or communication to the Contractor. The Superintendent shall follow without delay all instructions of Fairfax Water in the prosecution and completion of the Work.

C. Payroll Reports: At the request of Fairfax Water, the Contractor and each Subcontractor shall furnish a duly certified copy of his payroll records as well as any other information required to document the Contractor's compliance with the provisions of the law as to the hours of employment and rates of wages. Neither the Contractor nor his Subcontractors shall include on their payrolls persons not employed by them.

D. Contractor's Warranties: In consideration of and to induce the award of this Contract to him, the Contractor represents and warrants to Fairfax Water as follows:

1. The Contractor is not in arrears to Fairfax County or to Fairfax Water upon any debt or contract, and he is not in default, as surety, contractor, or otherwise;
2. The Contractor is financially solvent and sufficiently experienced and competent to perform the Work;
3. The Work can be performed as called for by the Contract Documents;

4. The facts stated in his Bid and the information given by the Contractor is true and correct in all respects;
 5. The Contractor is fully informed regarding all the conditions affecting the Work to be performed and labor and materials to be furnished for the completion of this Contract; and that his information was secured by personal investigation and research.
- E. Drug-Free Workplace Requirement: During the performance of the Contract, the Contractor agrees to (i) provide a drug-free workplace for the Contractor's 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 the Contractor's 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 the Contractor that the 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 or vendor. For purposes hereof, a "drug-free workplace" shall mean the site for the performance of the Work.

ARTICLE 21 – FREIGHT CLAIMS

- A. Fairfax Water shall not accept responsibility for the processing and/or filing of freight or other shipping claims, and shall not accept any charges relating thereto. Any Commodity that is damaged or lost during shipment shall be replaced promptly by Contractor at no additional cost to Fairfax Water.

ARTICLE 22 – TAX EXEMPTION

- A. Although Fairfax Water is exempt from, and will not pay any, federal, state or local taxes which may be applicable to the transactions contemplated by these Contract Documents, including without limitation any Federal Excise Tax, Transportation Tax or Virginia Sales and Use Tax, nothing contained herein shall be deemed to confer upon the Contractor any rights to or benefits of tax exempt status under federal or state law. The Contractor shall not claim entitlement to the benefits of tax-exempt status based solely upon its contractual relationship with the Owner.

END OF SECTION 00700 - GENERAL CONDITIONS

SECTION 00800

IFB 24-214
PROJECT 0215A – DIVISION 041
RESTON PUMP STATION ELECTRICAL UPGRADES
&
PROJECT 2722 - DIVISION 003
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES
SUPPLEMENTARY CONDITIONS

1.01 SECTION INCLUDES

- A. Related Requirements
- B. Supplements

1.02 RELATED REQUIREMENTS

- A. The following supplements modify, delete from, or add to the General Conditions (Section 00700) of these Contract Documents.
- B. Unless Articles of the General Conditions are modified by these Supplemental Conditions, unaltered Articles remain in effect.

1.03 SUPPLEMENTS

A. SUBSURFACE AND PHYSICAL CONDITIONS

1. The Bidder is advised that sub-surface investigations related to general construction at the site have been performed and reports have been prepared in connection with this project for the Engineer. The reports and geotechnical data are included in Appendix A for the Reston Pump Station. In making data and reports available, the Owner makes no guarantee, either expressed or implied, as to their accuracy. The report is made available to Bidders for information only.
2. Subsurface data are offered in good faith solely for placing Bidder in receipt of all information available to the Owner and Engineer and in no event is to be considered as part of the Contract Documents.
3. The Bidder must interpret such subsurface data according to his own judgment and acknowledge that he is not relying upon the same as accurately describing the subsurface conditions, which may be found to exist.

B. HAZARDOUS MATERIAL

1. The presence of legally regulated material is anticipated within the project area. Contractor to verify, remediate, and/or dispose of material as required by State and Federal regulation. Prior to commencing work, contractor to provide submittal(s) detailing verification, remediation, and full plan to handle required work, as necessary. An asbestos survey report for Popes Head Pump Station is included in Appendix A for the Popes Head Pump Station.

- C. Add the following new paragraph immediately after Article 10, Paragraph C, Partial Payments, Item 8, of the General Conditions:
1. Upon approval of shop drawings for switchboard, switchgear, supplied medium-voltage transformers, variable frequency drives, reduced voltage solid state soft starters and motors, Contractor may bill up to 15 percent of the invoice cost as set forth on the original invoice from the supplier or manufacturer. Such payment shall not relieve the Contractor of full responsibility for completion of the Work and for protection of materials and equipment until incorporated in the Work in a permanent manner as required by the Contract Documents.
 2. The cost of equipment and nonperishables delivered and stored off-site and tested for adequacy may be included in the Contractor's application for partial payment; provided, however, that the Contractor shall furnish written evidence satisfactory to Fairfax Water that the Contractor is the owner of such materials or equipment at the time of payment therefore by Fairfax Water and that such equipment is being stored and maintained in accordance with the Contract Documents and the manufacturer's recommendations. The amount to be paid will be 65 percent of the invoice cost as set forth on the original invoice from the supplier or manufacturer. Such payment shall not relieve the Contractor of full responsibility for completion of the Work and for protection of materials and equipment until incorporated in the Work in a permanent manner as required by the Contract Documents.
 - a. The requirements for the payment of materials stored on-site shall remain unchanged. The requirements for payment for materials stored off-site shall include, but are not limited to, those specified in Section 01290 and the additional requirements hereinafter specified. Material stored off-site under this provision shall be included in the definition of Work, Article 1 of the General Conditions.
 - b. The requirements of Article 6 of the General Conditions of this Contract are fully applicable to materials stored off-site.
 - c. For purposes of administering this provision, the following definitions are provided.
 - (1) Material stored NEAR the Work Site: A storage location shall be considered near the work site if it is not more than fifty (50) miles (approximately a one-hour drive) from the Project Site.
 - (2) Material stored DISTANT from the Work Site: Locations beyond the limit of fifty (50) miles shall be considered distant.
 - d. All proposed off-site locations, regardless of whether they are near or distant, shall be approved by the Owner prior to any payment under this Article. The approval process will include an inspection of the proposed storage site, which may or may not coincide with any inspection of materials stored.
 - e. Prior to payment for any material stored off-site, said material shall be inspected to verify that it is properly stored; i.e., segregated, inventoried, identified as the property of the Owner and Contractor, and duly protected and maintained as required in Article 10.2 of the General Conditions. This material shall be clearly identified and physically segregated from any other material or stock, in such a manner that it is clear, from casual observation, that said material is not a part of any other stock or stored material.
 - f. For materials stored distant to the Work site, the Contractor shall reimburse the Owner for all reasonable costs incurred by the Owner, to include but not limited to salary, transportation, lodging and per diem, for the Owner's or the A/E's employees to travel to and from the storage locations for the purpose of verifying the material is properly stored.

It is anticipated that such trips would occur whenever additional material is claimed for payment and/or at least every six (6) months until the material is delivered to the work site.

- g. Except for unusual circumstances, the Contractor will not be required to reimburse the Owner's costs for visits to storage locations near the work site.
- h. The Contractor shall hold the Owner harmless from any and all losses, additional costs, direct or indirect damages and/or delays, whatsoever, which may occur as a result of a failure of the Contractor to deliver (or have delivered), in a timely manner, materials (for which payment has been made) to the work site for installation and incorporation into the Work.
- i. The Contractor shall provide to the Owner, a Release of Lien or other suitable certification by the Seller, in addition to paid invoices, verifying that the Contractor has valid title to all materials for which payment is requested. The Seller, however, shall not be required to waive his rights for recovery, if his contract is breached.
- j. The Contractor shall furnish proof of insurance (in addition to any other insurance that may be required by or as a result of the Contract) that covers the stored material from loss by theft, fire, vandalism and extended coverage perils, at the location stored, in an amount equal to one hundred percent (100%) of the replacement value of the material stored.

END OF SECTION 00800 – SUPPLEMENTARY CONDITIONS

**SECTION 00850
FAIRFAX COUNTY WATER AUTHORITY**

**IFB 24-214
PROJECT 0215A – DIVISION 041
RESTON PUMP STATION ELECTRICAL UPGRADES
&
PROJECT 2722 - DIVISION 003
POPES HEAD PUMPING STATION ELECTRICAL UPGRADES**

ESCROW AGREEMENT

THIS AGREEMENT, made and entered into this ____ day of _____ 20____, by, between and among the **FAIRFAX COUNTY WATER AUTHORITY** ("FW"), _____ (the "Contractor"), and _____, a trust company, (Name and Address of Bank) bank, or savings institution with a principal office located in the Commonwealth of Virginia (the "Bank") and _____ (the "Surety") provides:

- I. FW and the Contractor have entered into a Contract with respect to a _____ (the "Contract"). This Agreement is pursuant to, but in no way amends or modifies the Contract. Payments made hereunder or the release of funds from escrow shall not be deemed approval or acceptance of performance by the Contractor.
- II. In order to assure full and satisfactory performance by the Contractor of its obligations under the Contract, FW is required thereby to retain certain amounts otherwise due the Contractor. The Contractor has, with the approval of FW, elected to have these retained amounts held in escrow by the Bank. This agreement sets forth the terms of the escrow. The Bank shall not be deemed a party to, bound by, or required to inquire into the terms of, the Contract or any other instrument or agreement between FW and the Contractor.
- III. FW shall, from time to time pursuant to the Contract, pay the Bank amounts retained by it under the Contract. Except as to amounts actually withdrawn from escrow by FW, the Contractor shall look solely to the Bank for the payment of funds retained under the Contract and paid by FW to the Bank.

The risk of loss by diminution of the principal of any funds invested under the terms of this Contract shall be solely upon the Contractor.

Funds and securities held by the Bank pursuant to this Escrow Agreement shall not be subject to levy, garnishment, attachment, lien or another process whatsoever. The Contractor agrees not to assign, pledge, discount, sell or otherwise transfer or dispose of his interest in the escrow account or any part thereof, except to the Surety with notice to FW.

- IV. Upon receipt of checks or warrants drawn by FW and made payable to it as escrow agent, the Bank shall promptly notify the Contractor, negotiate the same, deposit or invest and reinvest the proceeds in approved securities in accordance with the written instructions of the Contractor. In no event shall the Bank invest the escrowed funds in any security not approved.
- V. The following securities, and none other, are approved securities for all purposes of this Agreement:

- (1) United States Treasury Bonds, United States Treasury Notes, United States Treasury Certificates of Indebtedness or United States Treasury Bills.
- (2) Bonds, notes and other evidences of indebtedness unconditionally guaranteed as to the payment of principal and interest by the United States.
- (3) Bonds or notes of the Commonwealth of Virginia.
- (4) Bonds of any political subdivision of the Commonwealth of Virginia, if such bonds carried, at the time of purchase by the Bank or deposit by the Contractor, a Standard and Poor's or Moody's Investors Service rating of at least "A", and
- (5) Certificates of deposit issued by commercial banks located within the Commonwealth of Virginia, including, but not limited to, those insured by the Bank and its affiliates.
- (6) Any bonds, notes, or other evidences of indebtedness listed in Section V. (1) through (3) may be purchased pursuant to a repurchase agreement with a bank, within or without the Commonwealth of Virginia having a combined capital, surplus and undivided profit of not less than \$25,000,000, provided the obligation of the Bank to repurchase is within the time limitations established for investments as set forth herein. The repurchase agreement shall be considered a purchase of such securities even if title, and/or possession of such securities is not transferred to the Escrow Agent, so long as the repurchase obligation of the Bank is collateralized by the securities themselves, and the securities have the date of the repurchase agreement at a fair market value equal to at least 100% of the amount of the repurchase obligation of the Bank, and the securities are held by a third party, and segregated from other securities owned by the Bank.
- (7) No security is approved hereunder which matures more than five years after the date of its purchase by the Bank or deposit by the Contractor.

VI. The Contractor may from time to time withdraw the whole or any portion of the escrowed funds by depositing with the Bank approved securities in an amount equal to, or in excess of, the amount so withdrawn. Any securities so deposited or withdrawn shall be valued at such time of deposit or withdrawal at the lower of par or market value, the latter as determined by the Bank. Any securities so deposited shall thereupon become a part of the escrowed fund.

Upon receipt of a direction signed by the General Manager of FW, the Bank shall pay the principal of the fund, or any specified amount thereof, to FW.

VII. For its services hereunder the Bank shall be entitled to a reasonable fee in accordance with its published schedule of fees or as may be agreed upon by the Bank and the Contractor. Such fee and any other costs of administration of this Agreement shall be paid from the income earned upon the escrowed fund and, if such income is not sufficient to pay the same, by the Contractor.

VIII. The net income earned and received upon the principal of the escrowed fund shall be paid over to the Contractor in quarterly or more frequent installments. Until so paid or applied to pay the Bank's fee or any other costs of administration such income shall be deemed a part of the principal of the fund.

IX. The Surety undertakes no obligation hereby but joins in this Agreement for the sole purpose of acknowledging that its obligations as Surety for the Contractor's performance of the Contract are not affected hereby.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, FW, the Contractor, the Bank and the Surety have caused their duly-authorized representatives to execute this Escrow Agreement as of the day and year first written above.

FAIRFAX WATER

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

CONTRACTOR

By: _____
Name: _____
Title: _____

BANK

By: _____
Name: _____
Title: _____

SURETY

By: _____
Attorney-in-fact

END OF SECTION 00850 – ESCROW AGREEMENT