

Procurement Department
T: (703) 335-8925
UP IFB



SEALED INVITATION FOR BID (IFB)

Date: October 20, 2025

SOLICITATION NUMBER: IFB SA 2608
TITLE: Concrete and Asphalt Services
IFB CLOSING DATE/TIME: November 21, 2025 at 10:00 A.M. (EST)
PREBID CONFERENCE: October 28, 2025 at 11:00 A.M. (EST)
QUESTION DEADLINE: November 7, 2025 at 12:00 NOON (EST)
SUBMIT 1 ORIGINAL & 2 COPIES OF YOUR BID IN A SEALED ENVELOPE TO:

STREET ADDRESS:

Prince William Water
Procurement Department, IFB SA-2608
Attn: Medhat Mosaad, Procurement Officer II & Aaron Diggs, Buyer I
4 County Complex Court
Woodbridge, VA 22192

In compliance with this Invitation For Bids (IFB) and all conditions imposed in this IFB, the undersigned firm hereby offers and agrees to furnish all goods and services required by this IFB at the prices indicated in the pricing schedule, and the undersigned firm hereby certifies that all information provided below and in any schedule attached hereto is true, correct, and complete.

Company Name

Authorized Signature

Date

Name and Title Printed

Phone Number

Email Address

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

IFB SUBMISSION FORM

Name of IFB: **Concrete and Asphalt Services**
IFB Number: **SA 2608**
Closing Date/Time: **November 21, 2025 at 10:00 A.M. (EST)**

SECTION I - COMPANY IDENTIFICATION AND OWNERSHIP DISCLOSURE

Company: _____ Contact Person: _____

Title: _____
Address: _____ Telephone No: _____

FAX No: _____
Remittance Address: _____ Email: _____

Indicate Which: Corporation ☐ Partnership ☐ Sole Prop. ☐

Minority Owned/Controlled Bus.	Yes ☐	No ☐	Small Bus.	Yes ☐	No ☐
Women Owned/Controlled Bus.	Yes ☐	No ☐	Disabled Veteran:	Yes ☐	No ☐

If your firm is certified as any of the business types listed above, provide your certification number, the date issued and the name of the organization that issued the certification.

Certification No. _____ Certification Date: _____ Issuing Organization: _____

Organized under the laws of the State of _____

Principal place of business at _____

Parent Company if any _____

Subsidiaries or Affiliated Entities Performing
Work if any: _____

SCC: _____

FEIN: _____

Following are the names and address of all persons having an ownership interest of 3% or more in the Company: (Attach more sheets if necessary)

Name

Address

SECTION II - CONFLICT OF INTERESTS

This solicitation is subject to the provisions of Section 2.2-3100 et. seq., Virginia Code Annotated and the State and Local Government Conflict of Interests Act.

The Bidder [] is [] is not aware of any information bearing on the existence of any potential organizational conflict of interest.

SECTION III – COLLUSION

I certify that this submission is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting an offer for the same services, materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of the State and Federal law and may result in fines, prison sentences, and civil damage awards.

I hereby certify that the responses to the above representations, certifications, and other statements are accurate and complete. I agree to abide by all conditions of this IFB and certify that I am authorized to sign for the Bidder.

We agree to furnish all material, labor, and supervision necessary to complete the Work in accordance with the Bid Document. By signing this bid form, we certify that we have access to all materials, equipment, and labor necessary to complete the Work within the Contract Times.

Signature

Date

Name (Printed)

Title

BIDDER MUST COMPLETE AND RETURN THIS FORM WITH BID RESPONSE

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**Invitation for Bid (IFB) SA 2608
Concrete and Asphalt Services**

SECTION 1 INTRODUCTION

Prince William Water is a public utility chartered by the Prince William Board of County Supervisors. Prince William Water is an independent body responsible for providing comprehensive water and sewer services in Prince William County. Prince William Water has approximately 98,000 customers and owns and operates wastewater treatment facilities for the eastern portion of the county.

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

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

Vision:

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

Values:

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

Safety Always
Customer-First Focus
Ownership & Integrity
Respect & Inclusion
Excellence

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

An important part of our procurement program involves a commitment to doing business with

Small (including employment service organizations), Minority-owned, Women-owned, and Service-disabled Veteran-owned Business Enterprises (SWaM). The most competitive suppliers will have SWaM utilization plans and will support Prince William Water's supplier-diversity commitment. (Reference Form D)

SECTION 2 BACKGROUND INFORMATION

The Purpose and Intent of this IFB is to establish a firm fixed hourly rates requirements contract with one (1) or more qualified source(s) for the procurement of Revisions, on an as-needed basis, for Prince William Water, in accordance with the specifications, terms and conditions stated herein. Prince William Water may opt to make multiple contract awards from this Solicitation. The resulting Contract(s) shall be used as the primary source for the services described herein.

SECTION 3 PROCUREMENT RULES AND IFB DEFINITIONS

Prince William Water has established for purposes of this IFB that the words "shall", "must", or "will" are equivalent in this IFB and indicate a mandatory requirement or condition that will not be waived by Prince William Water. Failure to comply with any mandatory requirement will render the Bidder non-responsive and therefore will not be considered for award. To be considered for an award, the Bidder must agree to abide by each mandatory requirement included in this IFB.

Important Information for Bidder: Unless otherwise specified in the IFB, all formal bids submitted shall be binding for one hundred and twenty (120) calendar Days following bid opening date, unless extended by mutual consent of all parties.

A. General IFB Definitions:

1. **Addendum:** A written or graphic instrument issued prior to the due date and time of bids that clarify, correct or change the bidding documents.
2. **Administrative Contracting Officer (ACO) also referred to as Prince William Water Contract Administrator:** Prince William Water representative who manages actions that must be taken to assure full compliance with all of the terms and conditions contained within the resulting Contract Document, including price.
3. **Bid:** A statement of price, terms of sale, and description of goods or Services offered by a Contractor to a prospective purchaser for purchases below the amount requiring formal Solicitation. The response to an IFB is a bid and if accepted would bind the offer to perform the resultant Contract.
4. **Bidder:** A Contractor who submits a competitively priced bid in response to an IFB.
5. **Change Order:** A written order to the Contractor or executed by Prince William Water, issued after execution of a Contract or Purchase Order (PO), authorizing and directing an addition, deletion or revision of any nature or an adjustment in the price, schedule, quality or quantity of the Work. Any positive or negative change in the Contract constitutes a Change Order.
6. **Contract/Agreement:** When used as a proper noun and capitalized the terms "Contract" or "Agreement" shall mean: this agreement. (When used as a common noun with lower

case the terms “contract” or “agreement” shall mean: a mutually binding legal agreement between two or more parties.).

7. **Contract Document(s):** Documents which establish the rights and obligations of the Contractor and Prince William Water and include: The signed Contract, Addenda (which pertain to the resulting Contract Documents), the Notice to Proceed, together with all written Amendments, Change Orders, the Solicitation, Work Change Directives, Field Orders, and Engineer’s written interpretations and clarifications issued on or after the Effective Date of the resulting contract.
8. **Contracting Officer Representative (COR) also referred to as Prince William Water Project Manager:** the representative of the ACO responsible for the inspection and approval or disapproval of all deliverables and payment of invoices under Prince William Water Contracts. Designation as a COR does not convey authority to execute Contracts or Change Orders.
9. **Contractor:** The successful Bidder with whom a contract is executed pursuant to this IFB.
10. **Contractor’s Project Manager:** The Contractor’s person responsible for the Project.
11. **Day(s):** Calendar Days, unless otherwise specified.
12. **Dollar “\$”:** United States of America dollars.
13. **Invitation for Bid (IFB):** The competitive process whereby Prince William Water is seeking a competitive bid to resolve a need and or requirement for the department.
14. **Key Person (Key Personnel):** Any person or persons whose individual action or inaction can impact the timely accomplishment of the performance objective(s).
15. **Notice to Proceed:** A written notice issued by the Owner to the Contractor fixing the date on which the resulting contract times will commence to run and on which Contractor shall start to perform the Work under the resulting Contract Documents.
16. **Prince William Water – Prince William County Service Authority.**
17. **Procurement Officer:** A delegate of the Procurement Manager.
18. **Provide:** Shall mean furnish or install or both relating to goods, materials, Service(s), and/or Construction.
19. **Procurement Manager:** Prince William Water’s person that has been legally authorized and responsible to enter into, administer, terminate and otherwise manage contracts subject to any approval thresholds that may be established by Prince William Water’s General Manager and Board of Directors.
20. **Specifications:** That part of the resulting Contract Documents consisting of written technical descriptions of materials, equipment, systems, standards and workmanship as applied to the Work and certain administrative details applicable thereto.
21. **Subcontractor:** An entity having a direct contract with the Contractor or with any other Subcontractor for the performance of a part of the work.
22. **Scope of Work:** The description of the physical, functional characteristics, or any other requirement relating to a supply, Service, or Construction. It may include a description of any requirement for inspecting, testing, or preparing a supply, Service, or Construction item for delivery.
23. **Using Division or Department:** Operations and Maintenance
24. **Work:** The entire completed Construction, “goods”, or Services or the various separately identifiable parts thereof required to be provided under a Contract or Purchase Order. Work

includes and is the result of performing or providing all labor, Services, and documentation necessary to complete the Work, all as required by the Contract or Purchase Order.

- 25. **Work Order:** A written agreement between Prince William Water and the Contractor meeting the requirements set forth in this Concrete and Asphalt Services Agreement to perform work within the scope of work as described in Attachment A, Scope of Work herein, or as approved by the Board of Directors.
- 26. The terms “**in writing**” and “**written**” mean documents permanently inscribed or printed on paper, submitted by facsimile (fax), or submitted by e-mail, unless otherwise specified.
- 27. **You, Your:** Same as Bidder.

SECTION 4 SCOPE OF WORK / SPECIFICATIONS

4.1 Scope of Work / Specifications

See **Attachment A – Scope of Work**

4.2 Project Deliverables

See **Attachment A – Scope of Work** for Project Deliverables.

4.3 Non-Exclusive Agreement

Prince William Water reserves the right to contract the services outlined in this IFB with other firms. Nothing in this IFB or the resulting agreement alters or cancels the terms and conditions or prior agreements between Prince William Water and any other firms. The selection of one (1) or more firms should not be interpreted as an exclusive or contractual obligation on the part of Prince William Water to have the selected firms perform all or any of these services. Prince William Water reserves the right to provide any of these services with its own personnel, which in its sole judgment it deems appropriate.

SECTION 5 IFB ADMINISTRATIVE REQUIREMENTS AND INSTRUCTIONS

5.1 Proposed Schedule

The following dates are proposed by Prince William Water; however, the dates and times may be changed as the needs of Prince William Water change. It is solely the Bidder’s responsibility to stay informed on the dates and times.

- A. IFB release date – October 20, 2025
- B. Pre-bid Conference – October 28, 2025 at 11:00 A.M. (EST)
- C. Final date to receive written questions – November 7, 2025 at 12:00 NOON (EST)
- D. IFB closing date – November 21, 2025 at 10:00 A.M. (EST)

E. Anticipated Date of Award – TBD or Not Applicable

5.2 Delivery of Sealed Bids

DELIVER 1 ORIGINAL AND 2 COPIES OF BID IN A SEALED ENVELOPE TO:

Prince William Water
Procurement Department, IFB SA 2608
Attn: Medhat Mosaad, Procurement Officer II & Aaron Diggs,
Buyer I 4 County Complex Court
Woodbridge, VA 22192

Bids will be received until 10:00 A.M. (EST) on November 21, 2025. Late submissions after this time and email submissions are not acceptable.

Bids will be opened immediately after closing time via MS Teams.

Bidders interested in attending the Bid Opening must contact the Procurement Department at procurement@pwwater.org to obtain the MS Teams access information.

MARK EACH PACKAGE: IFB SA 2608- Concrete and Asphalt Services

- A. Failure to clearly mark each Bid with this information may cause Prince William Water to inadvertently open the Bid before the closing date and time. If the Bid is inadvertently opened due to lack of markings, Prince William Water staff shall reseal the package, and the package will be opened after the official IFB closing date and time.
- B. To be considered for selection, the complete **sealed** Bid must be *Received and Accepted* in the Procurement Department prior to the closing date and time. A Bidder will not be considered for selection if its Bid is received in the Procurement Department after the closing date and time regardless of when or how it was received by Prince William Water.
- C. Allow sufficient time for transportation and inspection. If You use a third party carrier (USPS, FedEx, Airborne, UPS, etc.) ensure that the carrier is properly instructed to deliver your Bid only to the address above.
- D. Prince William Water will **NOT** consider facsimile (fax) or electronic submission of a Bid.

5.3 Late Bids

- A. Prince William Water will judge any Bid received in the Procurement department after the closing date and time as late and Prince William Water will not open it nor consider it for selection.
- B. Upon receipt at the location specified above, Prince William Water will mark each timely received Bid with the date and time of receipt. Prince William Water will safeguard Bids

from unauthorized disclosure from the time of receipt, throughout the source selection process, and until selection.

- C. If Prince William Water declares administrative or liberal leave, all scheduled closing dates for that day will be extended until the same time on the next business day.

5.4 Questions Concerning IFB

- A. Questions, inquiries, suggestions, or requests concerning interpretation, clarification or additional information concerning any portion of this IFB or the selection process, must be made in writing, (e-mail is acceptable) and sent to the below named individual who will be the point of contact for this IFB.
- B. Questions should be submitted by the following deadline: **November 7, 2025 at 12:00 NOON (EST).**
- C. Mark subject line or cover page: **“Questions on IFB SA 2608 – Concrete and Asphalt Services”.**
- D. IFB Point of Contact for Questions:

Medhat Mosaad, Procurement Officer II & Aaron Diggs, Buyer I, Ref: IFB SA 2608
E-mail: procurement@pwwater.org

All questions must be received in writing.

- E. Failure by a Bidder to ask questions, request changes, or submit objections by the date indicated above shall constitute the Bidder’s acceptance of all of the terms, conditions and requirements set forth in this IFB.
- F. No answers given in response to questions submitted shall be binding upon this IFB unless released in writing as an Addendum to this IFB by Prince William Water.

5.5 Bidder’s Representative

If You intend to respond to this IFB, you may provide the name, mailing address, telephone number, and e-mail address of Your liaison person to the point of contact in order for Prince William Water to ensure that you receive any communications regarding this IFB.

5.6 Bidder’s Responsibility / Clarification and Addenda

- A. By submitting a Bid, You represent:
 - 1. You have read and understand this IFB, and;
 - 2. Your Bid is made in accordance with the requirements of this IFB, and;

3. You are familiar with the local conditions under which the proposed services must be performed; and,
 4. You will not make any claim for or have the right to cancellation of or relief from the resulting contract because of any misunderstanding or lack of information.
- B. The issuance of a written Addendum by Prince William Water's Procurement Department is the only official method by which interpretation, clarification or additional information can be given. Prince William Water will not be responsible for any oral representation given by any employees, representatives, or agents.
- C. If Prince William Water revises (amends) this IFB, Prince William Water's Procurement Department will post a notice on Prince William Water Internet site: [Solicitations | Prince William Water](#). You should acknowledge each Addendum in Your Bid. Failure to acknowledge each Addendum may prevent Your Bid from being considered for selection. It is solely Your responsibility as a Bidder to ensure that You have received all addenda and incorporated the changes into Your Bid before submitting your bid.

5.7 Restricted Discussions

- A. From the date of issuance of the IFB until final contract selection, You are prohibited from discussing the IFB or any part thereof with any employee, agent, or representative of Prince William Water except as expressly authorized by Prince William Water's Procurement Officer. Prince William Water may reject Your Bid for violation of this restriction.
- B. Any negotiation, decision, or action initiated or executed by You as a result of any oral or written discussions with any Prince William Water employee or agent, except as authorized by the Procurement Officer, is void and will not be binding upon Prince William Water. You shall only consider those communications that are in writing from Prince William Water's Procurement Officer.

5.8 Bid Correction or Withdrawal

- A. Any Bidder for Supplies, Services or Construction, may withdraw the 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 a Bid, which unintentional arithmetic error or unintentional omission can 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. The Procurement Manager shall require, and so state in the invitation, the following procedure for withdrawal of a Bid:
1. The Bidder must give notice in writing of his claim of right to withdraw the Bid within two (2) business days after the conclusion of the bid opening procedure.

2. No Bid may be withdrawn under this section when the result would be to award 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 (5%).
 3. No Bidder who is permitted to withdraw a Bid shall, for compensation, supply any material or labor 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 withdrawn Bid was submitted.
- B. The Procurement Manager may contest withdrawal of any Bid by any means provided by law. If withdrawal of the Bid is denied, the Procurement Manager shall notify the Bidder in writing stating the reasons for the decision.
- C. If the mistake and the intended correct Bid are clearly evident on the face of the Bid document, the Bid shall be corrected to the intended correct Bid and may not be withdrawn. Examples of mistakes that may be clearly evident on the face of the Bid document are typographical errors, errors in extending unit prices, transposition errors, and arithmetical errors.

5.9 Pre-bid Conference

Date and Time: **October 28, 2025 at 10:00 A.M. (EST)**

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

5.10 Basis of Award

- A. Prince William Water will make an award on an aggregated basis to the lowest responsive and responsible Bidder. Prince William Water reserves the right to conduct any test it deems reasonably practicable before bid award. Prince William Water also reserves the right to reject any or all bids, completely or in part, to waive informalities, and to delete items prior to making the award, whenever it is in the sole opinion of Prince William Water to be in its best interest.
- B. Further, Prince William Water reserves the right to award items listed herein on a single or multiple awards basis, whichever it deems to be in its best interest.
- C. Award Notices will be posted online at the following address: [Solicitations | Prince William Water](#).

5.11 Bid Acceptance/Rejection

- A. Prince William Water reserves the right to accept or reject any or all bids received as a result of this IFB. Prince William Water reserves the right to waive any informalities, defects, or irregularities in any bid, or to accept that bid, which in the judgment of the proper officials, is in the best interest of Prince William Water.
- B. Prince William Water has the sole discretion and reserves the right to cancel this IFB, and to reject any and all bids, to waive any and all informalities and/or irregularities, or to re-advertise with either the identical or revised specifications, if it is deemed to be in Prince William Water's best interests to do so.

5.12 Minor Irregularities

Prince William Water reserves the right to waive minor irregularities in submitted Bids if such action is in the best interest of Prince William Water. A minor irregularity is defined as an issue that does not have an adverse effect on Prince William Water's best interests and will not affect the outcome of the selection process by giving any Bidder an advantage or benefit not enjoyed by other Bidders.

5.13 Conflict of Interest Disclosure

- A. This IFB is subject to the provisions of §2.2-3100, et seq. of the Virginia Public Procurement Act (VPPA). No member of the Board of Directors, or any employee of Prince William Water, or the spouse or any other relative who reside in the same household as any of the foregoing, may be a Contractor or Subcontractor in connection with any bid, or have a personal interest therein.
- B. Each Bidder shall complete and sign specified section of the IFB Cover Page.
- C. Each proposed Subcontractor shall also complete the attached **Form C – Subcontractor No-Conflict of Interest Form**.

5.14 Pre-Award Documentation

- A. Within ten (10) calendar Days after Prince William Water provides written notification of selection, the Bidder shall furnish the below deliverables to the Procurement Officer.
 - 1. Required Pre-Award Submittals
 - a) Insurance Certificate(s);
 - b) Copies of Commonwealth required licenses and/or certifications; and
 - c) Add items below as necessary.

5.15 Contract Type

- A. Prince William Water will be issuing a firm fixed Contract to establish terms and conditions, and pricing for work to be performed.

5.16 Term of Contract

- A. The initial term of any Contract issued from this IFB shall be one (1) year from Date of Award with the option to renew for a period of four (4) additional one (1)-year periods, upon mutual written consent of the parties to the Contract. Proposed prices shall remain firm for the initial term of the Contract.
- B. Renewal of the Term of the Contract:
 - 1. Prince William Water reserves the right to renew this Agreement for four (4) additional one (1)-year periods under the same terms and conditions, contingent upon successful performance of the Contractor and subject to mutual agreement.
 - 2. Prince William Water may renew the term of the Contract by written notice to the Contractor before the expiration of the Contract, provided that Prince William Water shall give the Contractor a preliminary written notice of its intent to renew at least ninety (90) Days before the Contract expires. The preliminary notice does not commit Prince William Water to a renewal.
 - 3. If Prince William Water elects to exercise the option to renew the contract for an additional one (1)-year period, the contract price(s) for the additional one (1) year shall not exceed the contract price(s) of the original contract increased by more than the percentage increase of the category of Washington-Arlington-Alexandria, DC-VA-MD-WV, all urban consumers, all items section of the Consumer Price Index of the United States Bureau of Labor Statistics for the latest twelve months for which statistics are available.

5.17 Not Used

5.18 No Prepayment

Prince William Water will not consider any Bid that requires prepayment.

5.19 Limited Confidentiality of Information

- A. Prince William Water is governed by the Virginia Freedom of Information Act. If You submit information that You consider exempt from public disclosure, You must identify with specificity which page(s)/paragraph(s) of Your Bid is (are) exempt from the Virginia Freedom of Information Act and identify the specific statutory exemption section that applies to each.
- B. Prince William Water will maintain the confidentiality of such trade secrets to the extent provided by law. If the Bidder labels all or most pages of the Bidder bid as “trade secret,” Prince William Water may judge the Bidder bid as non-responsive and therefore it shall not be considered for award. Upon termination or completion of services, at either Party’s

request, the receiving party will promptly return or destroy any confidential information of the other Party and, in the case of destruction, provide proof of the same.

- C. All material submitted becomes the property of Prince William Water and may be returned only at Prince William Water's option.

5.20 Competency of Bidder

- A. As part of its evaluation process, Prince William Water may make investigations to determine Your abilities to meet Your contractual obligations under this IFB. Such investigations may include requests for information such as Dun & Bradstreet reports, financial statements, bank, project or other references, information regarding other work under contract and the bonding of Subcontractors where applicable. Prince William Water reserves the right to REJECT Your Bid if You fail to satisfy Prince William Water that You are properly qualified to carry out the obligations under this IFB.
- B. Prince William Water will not consider a Bid or select a contract to any person, company or corporation that is in arrears, or is in default to Prince William Water upon any debt or contract, or that has defaulted as surety or otherwise upon any obligation to Prince William Water. The Bidder, if requested, must present within forty-eight (48) hours evidence satisfactory to the Procurement Officer of performance ability, and possession of necessary facilities, pecuniary resources, and adequate insurance to comply with the terms of these Specifications and Contract Documents.
- C. Prince William Water reserves the right to verify financial stability in determining responsibility.

5.21 Protest

- A. Any Bidder or Bidders may protest the award of, or the decision to award, a contract to any other Bidder or Bidders, by submitting a written protest to the Procurement Manager at the address at the beginning of this IFB, within ten (10) Days after the award of the contract or the decision to award a contract is made, whichever occurs first.
- B. Any protest shall state in detail the basis therefore, and the specific relief requested.
- C. Written Submission:
 - 1. The protester shall present its protest in a concise and logical written format to facilitate review. Failure to substantially comply with any of the requirements of this subsection may be grounds for dismissal of the protest.
 - 2. The protest shall include at least the following information:
 - d) Name, address, email address, and fax and telephone numbers of the protester;
 - e) Solicitation number;

- f) Detailed statement of the legal and factual grounds for the protest, including a description of resulting harm to the protester;
- g) Copies of supporting documents, if any;
- h) Statement of relief requested;
- i) All information establishing that the protester is an interested party for the purpose of filing a protest on an award decision; and,
- j) All information establishing the timeliness of the protest.

D. The Director of Management and Budget shall decide all protests within ten (10) Days of receipt and shall issue a written finding. This decision shall be final unless the protester institutes legal action in accordance with §2.2-4364 of the Code of Virginia.

5.22 Rider Clause

The Contract may be extended, with the authorization of the Contractor, to other public bodies, public agencies, or institutions of the United States to permit their use of the Contract at the same prices and/or discounts and terms and conditions of the Contract. The Contractor shall deal directly with public bodies utilizing the Contract concerning issuance of purchase orders, contractual disputes, invoicing and payment. Prince William Water acts only as the “Contracting Agent” for these public bodies.

It is the Contractor’s responsibility to notify public bodies of the availability of the Contract. Other public bodies desiring to use the Contract shall make their own legal determination as to whether the use of the Contract is inconsistent with their laws, regulations, and other policies. Other public bodies if mutually agreed may add terms and conditions required by their statute, ordinances, and regulations, to the extent that they do not conflict with the Contract’s terms and conditions.

Prince William Water shall not be held liable for any costs or damages incurred by other public bodies as a result of any contract extended to other public bodies by the Contractor.

SECTION 6 INSTRUCTIONS TO BIDDERS

6.1 Submittal Requirements

Firms, organizations, or individuals (hereafter “Bidders”) interested in submitting a Bid in response to this IFB should submit 1 original, marked “ORIGINAL,” and 2 copies, marked “COPY,” of their Bid for review and evaluation by Prince William Water. Failure to provide the required copies and information will be considered during the evaluation process.

6.2 Economy of Presentation

- A. You, should prepare Your Bid simply and economically to satisfy the conditions and requirements of this IFB. Prince William Water does not desire fancy bindings, colored displays, or promotional material.

- B. Prince William Water is not liable or responsible for any costs incurred by any Bidder in responding to this IFB including, without limitation, costs for presentations, demonstrations, or interviews, if requested or required.

6.3 **Bid Submittals**

In order for your Bid to be declared responsive, the following bid submittals must be included in your bid package:

Tab 1

- A. **IFB Cover Page and IFB Submission Form**: The IFB cover page and IFB Submission Form, completed and signed.
- B. **Acknowledgement of Addenda**: (if any).
- C. **Licenses & Permits**: Documentation showing any licenses and/or permits required and applicable to this requirement.
- D. **Proof of Authority to Transact Business in Virginia**: Please use the attached **Form E – State Corporation Commission (SCC) Form**.
- E. **References-Subcontractor**: Provide at least three (3) recent references where the proposed product and/or service have been successfully used within the past five (5) years. Please use the attached **Form B – Subcontractor Reference Form**.

Note: Prince William Water cannot be used as a reference, however all past performance with Prince William Water will be considered during the evaluation process.

- F. **Subcontractor No Conflict of Interest**: Please use the attached **Form C – Subcontractor No-Conflict of Interest Form**.

Tab 2 – Proof of Insurability

Provide either a completed Accord form or a signed letter from Your insurance agency on its letterhead stating that You have or can get the required insurance coverage. See Attachment C – Required Insurance Limits for minimum requirements.

Tab 3 – References

- A. Provide at least five (5) recent references where the proposed product /service has been successfully used within the past five (5) years. Please use the attached **Form A – Bidder Reference Form**.
- B. Prince William Water cannot be used as a reference, however all past performance with Prince William Water will be considered during the evaluation process.

Tab 4 – Litigation

Provide information on the nature, magnitude, and outcome of all litigation and proceedings for the previous five (5) years where a court or administrative agency has ruled for or against You or Your organization in any matter related to You or Your organization's professional activities.

SECTION 7 SPECIAL TERMS AND CONDITIONS

7.1 Brand Name or Equal/Brand Name Only

- A. If a product or service requested by this IFB has been identified in the specifications by a brand name, such identification is intended to be descriptive and not restrictive and is to indicate the quality and characteristics of product or service that will be acceptable. Bidders proposing an equivalent product or service will be considered for award if such product or service is clearly identified in the bid and is determined by Prince William Water to fully meet the salient characteristic requirements listed in the specifications.
- B. Unless the Bidder clearly indicates in its bid that it is proposing an equivalent product or service, the bid shall be considered as offering the same brand name referenced in the specifications.

7.2 Quantities

The quantities specified are annual estimates only to be used in the evaluation of bid responses. These quantity estimates are not necessarily to be purchased under any resulting contract. If requirements do not result in an order in the quantities described as "estimated", that fact shall not constitute the basis for an equitable price adjustment.

7.3 Samples and Demonstrations

- A. Samples of materials or equipment for testing, evaluation, or demonstration purposes, when requested in a solicitation must be furnished at no cost. Each individual sample must be labeled with the Bidder's name, manufacturer's brand name and number, requisition number or contract program, and item referenced.
- B. Samples submitted by the successful Bidder may be held for comparison with goods received.
- C. All samples submitted may be subjected to tests and evaluation by either a qualified laboratory or test panel, and the results will be a factor in making the award. Samples not destroyed in testing will be returned, if requested, to the Bidder at his or her expense. Requests for return of samples will be honored upon the completion of testing and evaluation. Samples will be disposed of if not claimed within 60 Days after pick-up notification has been given.

7.4 **Subcontracts**

No portion of the work shall be subcontracted without prior written consent of Prince William Water. All Bidders shall include with their bid submission the attached **Form B - Subcontractor Reference Form** listing all proposed Subcontractors to be utilized under this resulting contract. Prince William Water reserves the right to reject the successful Bidder's selection of Subcontractors if it is deemed to be in the best interest of Prince William Water to do so. If a Subcontractor is rejected, the Bidder may replace that Subcontractor with another Subcontractor subject to the approval of Prince William Water. Any such replacement shall be at no additional expense to Prince William Water nor shall it result in an extension of time without Prince William Water's approval. All Subcontractors shall be properly licensed to provide the goods/services specified.

SECTION 8 INSURANCE REQUIREMENTS

- A. Each Bidder shall include in its Bid proof of insurance capabilities, including but not limited to, the following requirements: *(Coverage must be purchased and in place prior to a purchase order or contract being executed by Prince William Water.)*
- B. The Contractor shall maintain insurance in the amounts and forms set forth below and shall provide a Certificate of Insurance to Prince William Water.
- C. The Contractor shall comply with the insurance requirements set forth in the following numbered paragraphs, plus the coverages and limits indicated in the solicitation. Technical Bids must note any desired exceptions to the insurance coverage which may include the submission of proposed alternatives.
- D. The Contractor shall be responsible for its Work and every part thereof, and for all Materials, equipment, and property of any and all description used in connection therewith. The Contractor assumes all risks of direct and indirect damage or injury to any person or property wherever located, resulting from any action, omission, commission, or operation under the Contract, or in connection in any way whatsoever with the contracted Work.
- E. The Contractor shall, during the continuance of all Work under the Contract provide and agree to maintain the following:
 - 1. Worker's Compensation and employer's liability insurance under the Commonwealth of Virginia statutory requirements, to protect the Contractor from any liability or damages for any injuries (including death and disability) to any and all of its employees, volunteers, or Subcontractors, including any and all liability or damage which may arise by virtue of any statute or law in force within the Commonwealth of Virginia, or which may be hereinafter enacted.
 - 2. General liability insurance in the amount prescribed by Prince William Water, to protect the Contractor, its Subcontractors, and the interest of Prince William Water, against any and all injuries to third parties, including bodily injury and personal injury, wherever located, resulting from any action or operation under the Contract or in

- connection with the contracted Work. The general liability insurance shall also include the "Broad Form General Liability Endorsement", in addition to coverages for explosion, collapse, and underground hazards, where required. Completed operations liability coverage shall continue in force for one (1) year after completion of Work.
3. Automobile liability insurance, including property damage, covering all owned, non-owned, borrowed, leased, or rented vehicles operated by the Contractor. In addition, all mobile equipment used by the Contractor in connection with the contracted Work, will be insured under either a standard automobile liability policy, or a commercial general liability policy.
- F. Liability insurance may be arranged by general liability and automobile liability policies for the full limits required, or by a combination of underlying liability policies for lesser limits with the remaining limits provided by an excess or umbrella liability policy.
- G. The Contractor shall provide insurance issued by companies admitted within the Commonwealth of Virginia, with the Best's Key Rating of at least A-:VII.
- H. The Contractor shall provide an original, signed certificate of insurance, evidencing such insurance and such endorsements as prescribed herein, and shall have it filed with the Procurement Manager before any work is started.
- I. The Contractor will secure and maintain all insurance policies of its Subcontractors which shall be made available to Prince William Water on demand.
- J. The Contractor will provide on demand, certified copies of all insurance coverage on behalf of the Contract within ten (10) Days of demand by Prince William Water. These certified copies will be sent to Prince William Water from the Contractor's insurance agent or representative.
- K. No change, cancellation, or non-renewal shall be made in any insurance coverage without a thirty (30) Day written notice to the Procurement Manager. The Contractor shall furnish a new certificate prior to any change or cancellation date. The failure of the Contractor to deliver a new and valid certificate will result in suspension of all payments until the new certificate is furnished to the Procurement Manager.
- L. Insurance coverage required in these specifications shall be in force throughout the Contract term. Should the Contractor fail to provide acceptable evidence of current insurance within thirty (30) Days of written notice at time during the Contract term, Prince William Water shall have the absolute right to terminate the Contract without any further obligation to the Contractor, and the Contractor shall be liable to Prince William Water for the entire additional cost of procuring the incomplete portion of the Contract at time of termination.
- M. Compliance by the Contractor and all Subcontractors with the foregoing requirements as to carrying insurance shall not relieve the Contractor and all Subcontractors of their

liabilities and obligations under this section or under any other section or provisions of the Contract.

- N. Contractual and other liability insurance provided under the Contract shall not contain a supervision, inspection, or services exclusion that would preclude Prince William Water from supervising and/or inspecting the project as to the end result. The Contractor shall assume all on-the-job responsibilities as to the control of persons directly employed by it and of the Subcontractors and any person employed by the Subcontractors.
- O. Nothing contained herein shall be construed as creating any contractual relationship between any Subcontractor and Prince William Water. The Contractor shall be as fully responsible to Prince William Water for the acts and omissions of the Subcontractors and of persons employed by them as it is for acts and omissions of persons directly employed by it.
- P. Precaution shall be exercised at all times for the protection of persons (including employees) and property.
- Q. The Contractor and all Subcontractors shall comply with the Occupational Safety and Health Act of 1970, Public Law 91-956, as it may apply to the Contract.
- R. If the Contractor does not meet the specifications of these insurance requirements, alternate insurance coverage, satisfactory to the Procurement Manager, may be considered.
- S. Prince William Water shall be named additional insured in the general liability policies and stated so on the certificate of insurance.
- T. Coverages and Limits – For specific Coverages and Limits required for this project, see **Attachment C Required Insurance Limits**.

SECTION 9 FORMS

Included on the subsequent pages are the following forms:

Form A – Bidder Reference Form

Form B – Subcontractor Reference Form

Form C – Subcontractor No Conflict of Interest Form

Form D – SwaM Subcontracting Plan

Form E – State Corporation Commission (SCC) Form

Form A – Bidder Reference Form

(Prince William Water cannot be used as a reference.)

The Bidder shall be a competent and experienced organization with an established reputation within the community performing the type of work required for this contract. The Bidder shall have performed similar work for a minimum period of five (5) years. Indicate below a listing of at least five (5) recent projects completed by Your firm that can substantiate past work performance and experience in the type of work required for this contract. Prince William Water may make such investigations as it deems necessary to determine the ability of the Bidder to perform the work, and the Bidder shall furnish to Prince William Water all such information and data for this purpose as Prince William Water may request.

1. Firm Name _____
Address: _____
Contact Person: _____ Current phone #: _____
Email Address: _____
Contract Amount: _____ Name of Your project supervisor: _____
Scheduled completion date: _____ Percent complete: _____
Percent of work by own forces: _____ Actual completion date: _____
Description of Work Performed: _____

2. Firm Name _____
Address: _____
Contact Person: _____ Current phone #: _____
Email Address: _____
Contract Amount: _____ Name of Your project supervisor: _____
Scheduled completion date: _____ Percent complete: _____
Percent of work by own forces: _____ Actual completion date: _____
Description of Work Performed: _____

3. Firm Name _____
Address: _____
Contact Person: _____ Current phone #: _____
Email Address: _____
Contract Amount: _____ Name of Your project supervisor: _____
Scheduled completion date: _____ Percent complete: _____
Percent of work by own forces: _____ Actual completion date: _____
Description of Work Performed: _____

4. Firm Name _____

Address: _____
Contact Person: _____ Current phone #: _____
Email Address: _____
Contract Amount: _____ Name of Your project supervisor: _____
Scheduled completion date: _____ Percent complete: _____
Percent of work by own forces: _____ Actual completion date: _____
Description of Work Performed: _____

5. Firm Name _____
Address: _____
Contact Person: _____ Current phone #: _____
Email Address: _____
Contract Amount: _____ Name of Your project supervisor: _____
Scheduled completion date: _____ Percent complete: _____
Percent of work by own forces: _____ Actual completion date: _____
Description of Work Performed: _____

Form B – Subcontractor Reference Form
(Submit a separate reference form for each proposed Subcontractor)

Prince William Water reserves the right to reject offers from any firm not meeting the minimum qualifications. If any proposed Subcontractor's experience is not deemed acceptable to Prince William Water, Prince William Water shall inform the Contractor and the Contractor must identify an acceptable substitute prior to award without effecting the prices bid. Subcontractor shall be a competent and experienced firm with an established reputation within the community. Each Subcontractor shall have performed similar work for a minimum period of **five (5)** years. Furnish a representative list of at least three (3) projects.

SUBCONTRACTOR'S NAME: _____
VA CONTRACTOR LICENSE NO.: _____ CLASS: _____ SPECIALTY CODE: _____
FEIN: _____ SCC#: _____
ADDRESS: _____
TELEPHONE: _____
CONTACT NAME: _____
DESCRIPTION OF ITEM(S) TO BE SUBCONTRACTED: _____

1. Firm Name: _____

Address: _____

Contact Person: _____ Current phone #: _____

Email Address: _____

Contract Amount: _____ Name of Your project supervisor: _____

Scheduled completion date: _____ Percent complete: _____

Description: _____

2. Firm Name: _____

Address: _____

Contact Person: _____ Current phone #: _____

Email Address: _____

Contract Amount: _____ Name of Your project supervisor: _____

Scheduled completion date: _____ Percent complete: _____

Description: _____

3. Firm Name: _____

Address: _____

Contact Person: _____ Current phone #: _____

Email Address: _____

Contract Amount: _____ Name of Your project supervisor: _____

Scheduled completion date: _____ Percent complete: _____

Description: _____

Form C – Subcontractor No-Conflict of Interest Form

I HEREBY CERTIFY that

1. I (*printed name*) _____ am the
(*title*) _____ and the duly authorized representative of the firm of
(*Firm Name*) _____ whose address is
_____, and that I
possess the legal authority to make this affidavit on behalf of myself and the firm for which I am
acting; and,
2. Except as listed below, no employee, officer, or agent of the firm have any conflicts of interest,
real or apparent, due to ownership, other clients, contracts, or interests associated with this
project; and,
3. This Bid is made without prior understanding, agreement, or connection with any corporation,
firm, or person submitting a Bid for the same services, and is in all respects fair and without
collusion or fraud.

EXCEPTIONS (List)

Signature: _____

Printed Name: _____

Firm Name: _____

Date: _____

Sworn to and subscribed before me this _____ day of _____ 201__

Personally Known _____
or Produced Identification _____, Type of Identification _____

My Commission Expires _____

(Printed, typed or stamped commissioned name of notary)

**THIS FORM MUST BE COMPLETED AND RETURNED WITH YOUR QUOTATION
FOR EACH PROPOSED SUBCONTRACTOR**

Form D - SWaM Subcontracting Plan

In reference to Section 1 and Attachment D in the solicitation, the Bidder/Offeror should provide its SWaM Subcontracting Plan by completing the following:

Bidder/Offeror Name: _____

Preparer Name: _____ **Date:** _____

Who will be doing the work: ☐ **I plan to use SWaM certified Subcontractors.**
☐ **I am a certified SWaM business and plan to complete all work.**
☐ **I am not a certified SWaM business and I have no plan to use SWaM certified Subcontractors.**

Instructions

- A. If you are a certified SWaM business, complete only Section A of this form.
- B. If you are not a certified SWaM business, complete Section B of this form.
- C. If you are not a certified SWaM business and do not have a plan to use certified SWaM subcontractors, please provide your subcontractors' information by completing Form B.

Section A

If your firm is certified SWaM business provide your certification number and name of the certifying organization and the date of certification.

Certification number: _____ Certification Date: _____

Name of Certifying Origination: _____

Section B

If the "I plan to use certified SWaM subcontractors box is checked," populate the requested information below, per subcontractor to show your firm's plans for utilization of certified SWaM businesses in the performance of this contract for the initial contract period in relation to the bidder's total price for the initial contract period. Certified SWaM businesses include but are not limited to certified women-owned and minority-owned businesses and businesses with service-disabled veteran-owned status that have a SWaM business certification.

B. Plans for Utilization of SWaM for this Procurement

Subcontract #1

Company Name: _____ SWaM Cert #: _____

Contact Name: _____ SWaM Certification: _____

Certifying Organization: _____

Contact Phone: _____ Contact Email: _____

Value % or \$ (Initial Term): _____ Contact Address: _____

Description of Work: _____

Subcontract #2

Company Name: _____ SWaM Cert #: _____

Contact Name: _____ SWaM Certification: _____

Certifying Organization: _____

Contact Phone: _____ Contact Email: _____

Value % or \$ (Initial Term): _____ Contact Address: _____

Description of Work: _____

Subcontract #3

Company Name: _____ SWaM Cert #: _____

Contact Name: _____ SWaM Certification: _____

Certifying Organization: _____

Contact Phone: _____ Contact Email: _____

Value % or \$ (Initial Term): _____ Contact Address: _____

Description of Work: _____

Subcontract #4

Company Name: _____ SWaM Cert #: _____

Contact Name: _____ SWaM Certification: _____

Certifying Organization: _____

Contact Phone: _____ Contact Email: _____

Value % or \$ (Initial Term): _____ Contact Address: _____

Description of Work: _____

Form E – State Corporation Commission Form

Under Section 4.6 of the General Provisions of Contract Agreement, the Bidder/Offeror agrees, if this bid is accepted by Prince William Water, for such services and/or items, that the Bidder/Offeror has met the requirements of the Virginia Public Procurement Act (VPPA) §2.2-4311.2. Any falsification or misrepresentation contained in the statement submitted by Bidder/Offeror pursuant to Title 13.1 or Title 50 of the Code of Virginia may be cause for termination by Prince William Water.

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

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

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

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

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

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

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

Legal Name of Bidder /Offeror

Date

Authorized Signature

Print or Type Name and Title

SECTION 10 ATTACHMENTS

Included on the subsequent pages are the following attachments:

ATTACHMENT A	SCOPE OF WORK
ATTACHMENT B	PRICING SCHEDULE
ATTACHMENT C	REQUIRED INSURANCE LIMITS
ATTACHMENT D	PRINCE WILLIAM WATER SMALL, WOMEN OR MINORITY-OWNED AND SERVICE-DISABLED VETERAN-OWNED BUSINESS GOAL
ATTACHMENT E	CONTRACT AGREEMENT

ATTACHMENT A SCOPE OF WORK

The Work, as defined herein, includes, but is not limited to, the following description, which appears here as a general guideline. This is not intended to represent every item necessary to perform the Work and shall consist of all Concrete and or Asphalt Services and related Work in accordance with Contract Documents, provided Drawings and/or Scope of Work, Specifications and any Addenda. On the basis of the general scope indicated herein, the Contractor shall use all reasonable care to include those items necessary and/or implied, but not necessarily detailed, on the Contract Documents to provide a complete Concrete and/or Asphalt Service.

1.1 GENERAL:

The Contractor shall provide all materials, equipment, supervision, coordination, demolition, permits, traffic control, hoisting, conveying, tools, taxes, safety, quality control, clean-up, burden, overhead, profit, fringe benefits, insurance, and labor to construct, replace or repair, as directed, all asphalt pavement, concrete pavement, sidewalks, trails, curbs, gutters, storm water inlets and miscellaneous items which may be disturbed or damaged as the result of new construction, repair, or replacement operations. The Contractor shall perform all Work in accordance with VDOT and County requirements, and in accordance with the Contract Documents referenced herein.

Prince William Water will not take responsibility for not referencing requirements in the Contract Documents. It is the Contractor's responsibility to follow all VDOT requirements, and state and local codes for his Work regardless of whether or not they are listed herein.

1.2 SUMMARY OF WORK:

- A. The intent of this section consists of Concrete and Asphalt Services of various properties, driveways, roadways, parking areas, ramps and other miscellaneous Work that may be assigned throughout Prince William County Replacement or repair of Concrete Curb and Gutter, Handicap ramps.
- B. Replacement or repair of Concrete Sidewalks or Driveways.
- C. Replacement or Repair of Asphalt.
- D. Replacement or Repair of Pavement Markings, Thermal Tape and Loops.
- E. Contractor to remove and dispose of spoils or debris from the repair or replacement.
- F. Contractor to remove temporary cold patch from Asphalt patch.
- G. Contractor is not responsible for obtaining VDOT permits on asphalt patch repair,

or replacement.

- H. Work performed must meet all VDOT Specifications, local and state code requirements.
- I. Work performed must meet VDOT traffic control requirements.
- J. Contractor is responsible for temporary power if power is needed for the Work.
- K. Any other items that may be needed or required for the Work.

1.3 REFERENCES:

The following reference herein shall apply to the Contract and Work as required or referenced;

- A. American Society for Testing and Materials (ASTM)
- B. American Association of State Highway and Transportation Officials (AASHTO)
- C. Virginia Department of Transportation Road and Bridge Specifications and Standards
- D. Virginia Erosion and Sediment Control Law Regulations
- E. The Virginia Department of Transportation Land Use Permit
- F. The Virginia Department of Transportation MP256-Special Provisions
- G. The Virginia Department of Transportation Traffic Control
- H. Manual On Uniform Traffic Control Devices, the Virginia Supplement to the MUTCD and the Virginia Work Area Protection Manual (Latest Edition)
- I. Virginia Occupation Safety and Health Administration –Standard 29 CFR
- J. OSHA- Occupational Safety and Health Administration – Standard 29 CFR

1.4 METHOD OF ORDERING WORK/QUOTATIONS:

- A. Prince William Water will request cost quotation(s) from the Contractor(s) under this Contract for any individual Work Order. Prince William Water Project Manager will request a site visit with the Contractor(s) and will issue to the Contractor(s) a Statement of Work, an outline specification of essential materials, sketches and drawings, if available.
- B. The Contractor(s) shall ensure he/she has all the information necessary to prepare the quotation(s).
- C. Within ten (10) working days of visiting the site, the Contractor(s) shall provide a detailed written quotation in the form of a not-to-exceed amount based on the Contract rates to include time, labor, materials, equipment (unit price work), Subcontractors and any expenses necessary to complete the Work (lump sum work).
- D. The Contractor(s) shall sign all quotations confirming that the Contractor(s) have visited the Work site prior to preparing the quotation and is thoroughly familiar with the site and Statement of Work. The Contractor(s) shall furnish quotations at no charge to Prince William Water.
- E. For any Work that exceeds \$10,000, Prince William Water may request multiple quotes from other Contractors with their detailed quotation. The Contractor(s), when requested, shall provide any additional supporting data for all submitted quotes to support the quotation to Prince William Water. The Contractor(s) shall ultimately bear the burden of proof in establishing fairness and reasonableness for his/her submitted quotations.
- F. Prince William Water Project Manager will approve rental equipment and materials included in the Contractor(s) quotation in advance prior to Contractor ordering such rental equipment and materials.
- G. Prince William Water will pay the Contractor only for authorized materials placed or labor actually performed under this Contract.
- H. Prior to acceptance of the quotation and issuance of a Prince William Water purchase order, Prince William Water Project Manager and the Contractor shall mutually agree upon a start and completion date for each particular Work Order. The agreed upon dates shall be included on the purchase order.
- I. Allocation of Work. In the event Prince William Water receives multiple acceptable quotations for the same work, Prince William Water shall allocate the work to the quotation with the lowest cost.

- J. If the quotation is satisfactory, Prince William Water will issue a purchase order reflecting the accepted quotation and schedule. Work shall commence upon Prince William Water's written authorization by the issuance of the purchase order. Upon authorization, actual Work shall not exceed the Contractor's estimate without written approval by Prince William Water Project Manager.
- K. If the quotation is unsatisfactory for any reason, Prince William Water reserves the right to negotiate all unsatisfactory components and to require the Contractor to submit a revised quotation for consideration. Prince William Water reserves the right to reject the Contractor's quotation with or without cause.

1.5 COORDINATION OF WORK:

- A. The Contractor shall plan and coordinate all Work with Prince William Water Project Manager, or his/her designee, at least twenty-one (21) business days prior to beginning Work. Prince William Water Project Manager shall make available the required workspaces to the Contractor.
- B. The Contractor shall plan and coordinate all emergency work with Prince William Water.
- C. Upon authorization, and prior to mobilizing to the site, the Contractor shall prepare a schedule reflecting the agreed upon start and completion dates and indicating the anticipated progress of Work. Should the Contractor fail to maintain progress consistent with the schedule, they will be required to resubmit the schedule indicating the manner in which they will re-sequence the work to maintain the agreed upon completion date. Extension of the completion date will only be allowed with the consent of Prince William Water.
- D. Job Manager: The Contractor shall have one (1) employee at each job site designated as a Job Manager (Foreman, Field Supervisor, and Project Officer). This individual shall be the liaison between the Contractor and Prince William Water Project Manager and shall be literate and fluent in the English language to necessitate reading of labels, job instructions and signs, as well as the need for conversing with Prince William Water staff.
- E. Upon request, the Job Manager shall report to Prince William Water Project Manager for communication, coordination, evaluation, and quality control for any particular project. The Job Manager shall serve as the single point of contact with Prince William Water for all work assignments.
- F. Upon request by Prince William Water Project Manager, the Job Manager shall meet with Prince William Water Project Manager for progress meetings.

- G. Scheduling of priority work, including the interruption of a current assignment, requires the advance approval of Prince William Water Project Manager. Priority work identified by Prince William Water Project Manager or designee shall take precedent over current work.
- H. If there is an occurrence of unforeseen problems or adverse conditions at any job location, the Contractor shall, notify Prince William Water Project Manager within one (1) hour of the occurrence or discovery, whichever is earlier.

1.6 WORK HOURS:

- 1.1 The Contractor shall perform the repair and construction related work at any time or day during the calendar year, at the Owner's request, on an emergency or non-emergency basis.
- 1.2 The Contractor shall plan and schedule their work and production, including daily cleanup, within the constraints of the regular work hours.
- 1.3 Prince William Water does not permit, unless an emergency, work on weekends, nights and Prince William Water Holidays, except as approved in writing.
- 1.4 Regular weekday work hours shall be from 6:30 am to 2:30 pm at the H.L. Mooney Advanced Water Reclamation Facility (AWRF), and 7:00 am to 4:00 pm at all other Prince William Water facilities and must comply with all permit requirements and regulations. The Contractor shall not perform work, including the movement of equipment or other activity that generates noise, outside of normal working hours without Prince William Water's prior written approval. The Contractor shall make all requests to work extended hours outside the regular hours listed above in advance to Prince William Water within fourteen (14) days prior to the NTP.
- 1.5 Prince William Water Holidays are as follows: New Year's Day, Martin Luther King Jr. Day, President's Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Day before Christmas, Christmas Day.
- 1.6 Work-hours paid under this Contract are for productive hours at the job site only as evidenced by documentation provided by the Contractor to Prince William Water Project Manager or his/her designee. Prince William Water will not pay for travel to and from job sites.

END OF SECTION

ASPHALT

SECTION 1-GENERAL

1.1 DESCRIPTION:

The Contractor shall be responsible for all surface pavement repairs or replacement to areas where the original pavement surface has been damaged or removed as a result of Work activities. Work shall include traffic control, saw cutting perimeter of repair, removing and disposing of temporary fill material, milling, tack coating, loops, cleaning the area and repairing the pavement with the required VDOT asphalt mixes to the required depth.

1.2 PERMITS:

Prince William Water will obtain the VDOT permit required for the asphalt repair or replacement.

1.3 MEASUREMENT AND PAYMENT:

- A. General: Measurement and payment for asphalt will be by unit price method as determined by the listing of the Bid items for concrete curbs, gutters and sidewalks indicated on the Bid Form.
- B. Unit Price: If the Bid Schedule indicates a unit price for asphalt, the unit price method of measurement and payment shall be as follows:
 - 1. Billing and payments to the Contractor shall be in accordance with General Conditions and EXHIBIT "B" of this Agreement.

1.4 SUBMITTALS:

General: Product Data, for submittal requirements and procedures.

- A. Product Data: Submit the respective manufacturer's product data for products provided or mixed.

SECTION 2- PRODUCTS

2.1 MATERIALS AND ACCESSORIES:

Pavement Repair material shall comply with the following:

- A. Top 1 ½ inch – use VDOT approved surface mix, SM 9.5A.
- B. Below the surface mix – use VDOT approved base course mix, BM-25.0A.

- C. Below the base course – Aggregate base material Type I, No 21-B
- D. Tack coat shall conform to the requirements of section 310.02 & 210.02 of VDOT Specifications.

SECTION 3- EXECUTION

3.1 PROCEDURES:

All pavement repair Work performed in the VDOT or Prince William County right-of-way shall be in accordance with VDOT Pavement Restoration.

- A. Prince William Water will acquire VDOT Permit. Contractor will be responsible for removal of existing asphalt and gravel and disposing of material.
- B. The Contractor shall protect Work area according to VDOT's Virginia Work Area Protection Manual. The guidelines for temporary traffic control shall be in place prior to the start of any Work by the Contractor. The existing roads will remain active and in use during this Work, and the Contractor shall coordinate traffic control and phasing to prevent any disruption to roadway operation or traffic.
- C. The initial pavement surface shall be saw cut at a minimum of six (6) inches beyond all sides of the excavated trench, or the limits of broken or damaged pavement. Final saw cut shall be rectangular and aligned with the street centerline, in accordance with VDOT Standards. Square off edges of the surface pavement to a 90-degree angle to the granular sub-base material.
- D. If Contractor is unable to complete a patch repair for any reason, then the Contractor shall ensure that the Asphalt installed and or repaired area has positive drainage to protect subgrade soil conditions (i.e. prevent ponding or standing water). In the event Contractor does not comply with this requirement, then any resulting additional Work, removal of bad soil, backfilling, and any Work to bring the sub grade back to acceptability will be the responsibility of this Contractor.

3.2 FIELD CONDITIONS:

- A. Environmental Limitations: Contractor shall be responsible for the application of asphalt materials if subgrade is wet or excessively damp, if rain is imminent or expected before time required for adequate cure, or if the following conditions are not met:
 - 1. Prime Coat: Minimum surface temperature of 60 deg F (15.6 deg C).
 - 2. Tack Coat: Minimum surface temperature of 60 deg F (15.6 deg C).
 - 3. Slurry Coat: Comply with weather limitations in ASTM D 3910.

4. Asphalt Surface Course: Minimum surface temperature of 60 deg F (15.6 deg C) at time of placement.

3.3 REMOVAL OF EXISTING MATERIAL:

- A. Contractor can mill out existing asphalt and gravel material or they may cut the material and remove with excavation equipment.

The area of the repair shall be cleaned and free from debris. If the Contractor is not milling out the existing material, they shall remove and dispose of all temporary fill material and existing pavement using a suitable backhoe or loader with a bucket attachment. Remaining aggregate base shall be compacted to maximum dry density, in accordance with VDOT section 305.03(a)
http://www.virginiadot.org/business/resources/const/VDOT_2020_RB_Specs.pdf

3.4 ADJUSTMENTS OF MANHOLES AND VALVE BOXES:

- A. Sewer manhole adjustment risers, valve box risers or extensions and covers will not be the responsibility of the Contractor other than making certain that they do not move during the asphalt repair or replacement.
- B. Prince William Water will provide valve box risers and manhole adjustment risers, as needed, for overlays; **3 Days advanced** notice from Contractor is required for valve box risers and **3 weeks advance notice** from Contractor is required for manhole adjustment rings.

3.5 TACK COATING:

The installation of asphalt tack coat to be applied to all sides of the trenched area by hand brush or sprayer at a rate of 0.05 to 0.10 gallons per square yard. In projects where multiple stages of asphalt are applied, the Contractor shall install a tack coat at each stage.

3.6 ASPHALT CONCRETE BASE COURSE:

- A. Asphalt concrete for the base material shall meet the requirements of the "MATERIALS" section above. Amount of asphalt concrete base course shall match depth of existing base layer.
- B. Trucks used for hauling asphalt concrete base mixtures shall conform to section 315 of the Virginia Department of Transportation (VDOT) Road and Bridge Specifications and be capable of maintaining the minimum required temperature of the asphalt at placement.
- C. The asphalt base course must have a minimum lay down temperature of 250 degrees Fahrenheit. The placement of layers shall not exceed 3 ½ inches until the

compaction depth is uniformly 1 ½ inches below finished grade

- D. After leveling each lift, it shall be compacted with a minimum 1 ¼ ton vibratory roller. In areas not accessible to vibratory rollers, the mixture shall be thoroughly compacted with hot hand tampers, smoothing irons, or mechanical tampers capable of achieving required density.
- E. All compaction rolling shall be completed prior to the base course reaching or cooling below 175 degrees Fahrenheit and shall conform to section 315 of the VDOT Road and Bridge Specifications.
http://www.virginiadot.org/business/resources/const/VDOT_2020_RB_Specs.pdf
- A. **ASPHALT CONCRETE SURFACE MIX:**
- B. Asphalt concrete for the surface material shall meet the requirements of the “MATERIALS” section above.
- C. Trucks used for hauling asphalt mixtures shall conform to VDOT Specifications and be capable of maintaining the minimum required temperature of the asphalt at placement.
- D. The asphalt surface mix course must have a minimum lay down temperature of 250 degrees Fahrenheit and shall be placed in one single lift. Compaction shall be obtained using a minimum 1 ¼ ton vibratory roller.
- E. Approval of each patch based on their general appearance, as well as their “ride-ability”. Ride-ability is the leveling tolerance to within one-quarter inch (1/4”) at any point across the patch as it relates to the surrounding street surface, in accordance with VDOT, Prince William County Right of Way Excavation and Restoration Standards, or other applicable jurisdictional standards.
- F. In areas not accessible to rollers, the mixture shall be thoroughly compacted with hot hand tampers, smoothing irons, or mechanical tampers and shall be per VDOT Specifications.
- G. All compactions shall be completed prior to the surface reaching or cooling below 175 degrees Fahrenheit and shall conform to section 315.04 of the VDOT Specifications.

3.7 SEALING EDGES OF ASPHALT REPAIRS:

- A. The Contractor shall seal the edges of the asphalt repair with a hot applied polymer-based crack sealant and sand that meets ASTM D3405.
- B. Proper surface preparation will facilitate adequate adhesion and consequently the maximum service life of the sealant. The edge must be free from moisture, dust

and loose aggregate. The substrate and air temperature must be above 40°F.

- C. The Contractor shall apply Sealant apply using a pump and wand system or a pour pot. The cooled sealant height should not exceed 1/8" above surrounding pavement.
- D. Sealing edges will be required if the pavement repairs are patched, milled and overlaid.

3.8 MILLING:

- A. Equipment shall be capable of cutting and removing material to the required depth while maintaining a reasonably uniform surface without damaging adjacent areas or the remaining material. Milling equipment shall be capable of removing at least one and one-half inch (1 ½") of existing material per pass. The milling machine shall have a self-contained water system for the control of dust and fine particles. Power driven hand tools for removing unsound pavement material around existing structures and in confined areas will be required as needed and are incidental to the pay item for Milling.

3.9 TEMPORARY SURFACES:

Replace excavated bituminous or hydraulic concrete surface material with an acceptable temporary bituminous material promptly after backfilling the trench, but not later than the end of the Day. Temporary surfaces shall have a smooth surface, free from bumps and dips. Maintain the temporary patch diligently, promptly replacing material flung out or compressed by traffic as necessary to maintain a safe riding surface pending completion of permanent surface restoration.

3.10 TESTING:

Furnish representative samples of the materials to be used in the Work for testing and analysis. Also furnish samples cut out of the completed Work, as required by VDOT.

3.11 PAVEMENT SEALING:

- A. Seal Coating shall be Squeegee Method. Contractor shall guarantee workmanship for twelve (12) months from date of acceptable invoice against chalking, checking, fading, discoloration and/or other adverse effects from ultra violet rays, and shall provide a similar guarantee from the manufacturer.
- B. Seal Coating shall be an emulsion of refined coal tar formulated to extend pavement life. Finish material shall be Jennite, Seal Master, Tarconite, Paveshield or approved equal. Sand mixed per manufacturer's recommendations for seal filler and finish coats. Prince William Water will approve substitute material before any Work is to proceed. Seal coating materials applied when temperatures surface temperature is above 50 degrees F and rain is not imminent, and humidity levels

are low.

3.12 PAVEMENT MARKING:

- A. Replace all thermal plastic pavement markings, thermal tape and markers removed or obscured during the Work with new thermal plastic marking, thermal tape and markers materials and methods meeting current VDOT requirements.
- B. Pavement Markers shall be installed within 3 Days after resurfacing or repair of the affected area.
- C. Parking lines shall be installed or reinstalled to an acceptable layout or match original layout. White line paint as manufactured by Latex-ite or approved equal may be used. The painting shall be performed by skilled mechanics producing straight lines.

3.13 LOOP DETECTORS:

- A. The Contractor shall repair or replace the damaged Loop detectors and apparatuses associated with the system and shall meet the requirements of the County and/or VDOT.

3.14 DRIVEWAYS:

- A. Cut pavement to neat, straight lines. Saw cut hydraulic cement concrete. The Contractor shall roll the installed pavement by utilizing a smooth steel roller to provide a uniformed smooth surface.
- B. Patch driveway according to roadway patch requirements. Mill joints to existing pavement according to milling requirements, above. Apply tack or prime coat as required. Overlay the driveway from property line to edge of pavement or as required by Prince William Water. Pavement overlay shall be 1½ inches thick after compaction unless otherwise required by Prince William Water.
- C. Replace hydraulic cement concrete with 4000-psi air entrained concrete. Match original concrete depth. Match new surface finish to the existing adjacent surface.
- D. Replace disturbed driveway in kind and to depth of original material(s). Compact the driveway material to a firm surface.

3.15 FIELD QUALITY CONTROL:

The Contractor, at Prince William Water's request, shall provide samples, preform inspections and provide tests as required for the project.

3.16 ACCEPTANCE OF WORK:

Upon the successful completion of an inspection by VDOT within the right of way and any other acceptance shall be to the satisfaction of Prince William Water. The Contractor shall repair or replace unsatisfactory Work and have Work re-inspected at no additional cost to Prince William Water.

END OF SECTION

CONCRETE CURBS, GUTTERS, AND WALKS

SECTION 1- GENERAL

1.1 SECTION INCLUDES

- A. Materials and accessories.
- B. Preparation of Subgrade
- C. Types of Construction
- D. Joints
- E. Form removal
- F. Finishing
- G. Curing and protection
- H. Field quality control

1.2 PERMITS:

The Contractor shall obtain all permits for Concrete and Curb and Gutter if required by State and Local Agencies.

1.3 REFERENCES

- A. American Concrete Institute (ACI):
 - 1. ACI 117 Standard Specification for Tolerances for Concrete Construction Materials
 - 2. ACI 301 Standard Specifications for Structural Concrete
 - 3. ACI 318 Building Code Requirements for Reinforced Concrete
- B. American Society For Testing and Materials (ASTM):
 - 1. ASTM A53 Specification for Pipe, Steel, Black and Hot Dipped, Zinc-Coated, Welded and Seamless
 - 2. ASTM A615 Specification for Deformed and Plain Billet-Steel Bars for Concrete Reinforcement
 - 3. ASTM A663 Specification for Steel Bars, Carbon, Merchant Quality,

Mechanical Properties

4. ASTM C260 Specification for Air-Entraining Admixtures for Concrete
5. ASTM C309 Specification for Liquid Membrane- Forming Compounds for Curing Concrete
6. ASTM C494 Specification for Chemical Admixtures for Concrete.
7. ASTM C881 Specification for Epoxy-Resin-Base Bonding Systems for Concrete

1.4 SUBMITTALS

- A. General: Shop Drawings, Product Data, for submittal requirements and procedures.
- B. Product Data: Submit the respective manufacturer's product data for manufactured products or mix.

1.5 QUALITY ASSURANCE

- A. Tolerances:
 1. Construct concrete surfaces within $\frac{1}{4}$ inch of the indicated elevation and deviating not more than $\frac{1}{8}$ inch from a 10 foot straightedge placed anywhere on the surface.
 2. Slab tolerances shall be "straightedge tolerance" as specified in ACI 117.
- B. Finishes:
 1. Slab finishes shall be as specified in accordance with ACI 301 or to meet the needs of the project.

SECTION 2- PRODUCTS

2.1 MATERIALS AND ACCESSORIES

- A. Concrete Reinforcement: Per the requirements of the project and or to match existing Work.
- B. Portland Cement Concrete: Provide for in submittal the class of concrete required for the Work.
- C. Benches and Chairs: As per ACI 318
- D. Tie Bars: ASTM A615, Grade 60 of type and size indicated or equal.

- E. Dowels: Plain round bars meeting requirements of ASTM A615 or ASTM A663, epoxy-coated bars, furnished and approved snug fitting.
- F. Expansion-Joint Filler and Joint Sealing Compound: As per VDOT and County requirements.
- G. Surfacing Material for Nonslip Finish: As per VDOT and County requirements.
- H. Concrete Curing Compound: ASTM C309, Type 1-D, Class A
- I. Epoxy Adhesive: ASTM C881 Type V for load-bearing Concrete, grade and class as determined by project and conditions or requirements.

SECTION 3- EXECUTION

3.1 PREPARATION OF SUBGRADE

- A. Prepare the sub grade and compact area as per VDOT requirements before placement of concrete.
- B. Excavation shall be unclassified and shall include all excavation for curb and gutter and such Work as may be necessary in the area between the curb and property line, and as directed by Prince William Water. Excavation for curbs and gutter shall be conjunction with any street, road or driveway excavation.
- C. Any portion of the curb and gutter subgrade excavated below grade shall be corrected with gravel backfill per VDOT requirements or as directed by Prince William Water. Sub material must be compacted in lifts with mechanically operated tampers or rollers. Tamping or rolling shall be such that no settlement will occur.

3.2 TYPES OF CONSTRUCTION

Provide cast-in-place concrete construction, plain or reinforced as indicated to match the existing concrete and profile

3.3 JOINTS

- A. Expansion Joints:
 - 1. Construct 3/8-inch to ½ inch thick expansion joints in the following locations:
 - a. Curb and combination curb and gutter at all the locations of expansion joints in the concrete roadway.
 - b. Curb or combination curb and gutter, at points where curved and tangent sections join.

- c. Between curb or combination curb and gutter, and any drain inlet, or similar structure occurring within the limits of the curb or combination curb and gutter.
 - d. Between sidewalks and any permanent structure.
 - e. Between sidewalks and curb.
 - f. Through sidewalks at intervals not greater than 10 feet
 - g. Sidewalks, encircling fixtures more than 12 inches in diameter.
- 2. If any of the listed expansion joint requirements conflict with VDOT requirements then VDOT requirements will supersede.
- B. Contraction Joints: In sidewalks, provide contraction joints as indicated in uniform intervals less than 5 feet, with the edge rounded to a 1/4 inch or 3/8 inch radius.
- C. Tooling: Finish joints with an edging tool having 1/4 inch to 3/8 inch radius, leaving joints free of mortar and concrete. In preformed type joints, leave joint filler material exposed for full length of joint with clean and true edges.
- D. Joint Sealing:
 - 1. Seal to within 1/8 inch of pavement surface joints in curbs and gutters, including gutter surfaces of combination curb and gutter sections; all joints between curbs and vehicular pavement; all joints between gutters and vehicular pavement; and all other expansion joints.
 - 2. Do not seal joints until concrete curing is complete. Prior to installation of the joint sealing compound, clean the joints of dirt or debris and other foreign material.
 - 3. Apply sealants with proper equipment to all joints so as to make them impervious to water and to prevent the sealing compound from spreading over the surface of the pavement. If joint is too deep for sealants, then provide backer rod in support of sealants at joints per manufacture requirement.

3.4 FORM REMOVAL

- A. Remove front curb forms until proper setup of concrete, but in no case while the concrete is still plastic enough to slump.
- B. Remove other forms no less than 12 hours after finishing If the Concrete does not set properly, then the Contractor is sole responsibility.

3.5 FINISHING

A. Curb and Combination Curb and Gutter:

1. Finish all curb edges to match existing curb edges and if not matching curb edges then provide a radius of 1/2-inch.
2. Provide a final fine brush finish to both top and face of curb with brush strokes parallel to the line of the curb, so that both top and front face present the same uniform appearance.
3. Keep the curb face wet during above finishing operations.
4. Allow no coarse aggregate to show on the finished curb surface unless matching existing curb and gutter already present.

B. Sidewalk, Island Paving, and Ramps:

1. Provide “floated finish” or light “broom finish” as indicated in accordance with the requirements of VDOT. When finishing Contractor must verify the existing concrete finish.
2. For pedestrian and wheelchair ramps, and all other surfaces where the State and Local Codes require a non-slip finish, provide a “nonslip finish” in combination with a “floated finish” or “broom finish” in accordance with the VDOT, State and Local requirements.
3. As soon as the condition of the Work permits, perform joint work, edging, and marking. Finish all edges with a radius of 1/4 inch to 3/8 inch.

3.6 CURING AND PROTECTION

- A. Contractor shall provide liquid membrane curing compound for concrete. Do not permit traffic on new concrete until the concrete has cured a minimum period per ACI.
- B. Provide damp curing only, for concrete slab, curb and gutter surfaces with concrete hardener and dust proofer.

3.7 BACK FILL

- A. Contractor shall provide backfill behind new curb or existing to return grass and finish grade to its original condition.
- B. Contractor shall provide topsoil to establish grass for the Work.

3.8 FIELD QUALITY CONTROL

The Contractor shall perform inspections and tests as required for the project. The Contractor at the Service Authorities request shall provide samples and services to facilitate testing as may be required.

3.9 ACCEPTANCE OF WORK

Upon the successful completion of an inspection by VDOT within the right of way and any other acceptance shall be to the satisfaction of Prince William Water. The Contractor shall be required to repair or replace unsatisfactory Work, and have Work re-inspected at no additional cost to Prince William Water.

END OF SECTION

GRASSING (FESCUE)

GENERAL

1.1 SUMMARY:

This Section is concerned with the means and materials for establishing a dense stand of grass to retard the runoff of rainfall from the Work area after completion of construction.

1.2 SCOPE:

A. DESCRIPTION OF WORK

Furnish all labor, equipment and materials and perform all Work required to assure establishment of a dense permanent cover of fescue grass on all areas disturbed by construction operations *except where established lawn turf is disturbed. In the latter case, remove and replace turf or replace in kind with nursery-grown turf.*

B. EXTENT

Limits of Grassing coincide with the area disturbed by excavation, filling or otherwise substantially damaging the existing ground cover. They include ruts, tracks or other marks formed by vehicles or stored materials although outside the active Work area.

SECTION 2 - PRODUCTS

2.1 SEED

Certified by Virginia Department of Agriculture as to freedom from noxious weeds, true to variety and minimum germination.

Acceptable varieties are limited to:

- A. Fescue: Shenandoah (preferred), Bonanza, Jaguar or Mustang
- B. Rye: Annual

2.2 LIME

Commercially produced ground agricultural limestone.

2.3 FERTILIZER

Commercially produced, analysis guaranteed as printed on the original container.

2.4 NITROGEN

- A. Obtain from Nitrate of Soda or Ammonium Sulfate:
- B. Nitrate of Soda will be a commercial product containing not less than sixteen percent (16%) available nitrogen.
- C. Ammonium Sulfate will be of similar manufacture, but with a nitrogen availability of twenty percent (20%), by weight.

SECTION 3 - EXECUTION

3.1 General

The following paragraphs regarding pH adjustment and fertilization to cover very general conditions prevailing in the area. Prince William Water urges the Contractor to submit representative samples of the indigenous soils from the Work area, plus any imported soil, to the Agricultural Extension Agent for analysis and recommendation as to quantities and analysis of fertilization and seed to yield the best results. Samples should be submitted not less than four weeks before seeding is to take place. If not done, Contractor assumes all responsibility for using the amounts and types of materials named below to obtain the required results. No warranty of the adequacy of the application rates given below can be implied.

3.2 SEED BED PREPARATION:

- A. Establish final grades as shown on the plans prior to any seed bed preparation. Even up washes, low spots and hillocks or windrows and smooth the bed to facilitate uniform drainage after establishment of the turf before any tillage is begun. Maintain graded surfaces in a smooth and even condition until the required cover is established.
- B. After the areas to be seeded have been brought to an even and smooth grade, till them to a depth of at least six (6) inches by plowing, disking or harrowing. York rake areas to be seeded to remove all rocks, roots and other waste material that is 1-inch and larger in diameter to a depth of at least six (6) inches. Remove and properly dispose of all waste material from tilling and raking operations. Smooth out any surface irregularities before seeding operations are begun.

3.3 PH ADJUSTMENT:

Have tests made on representative sample of soil taken from several locations in the area.

Adjust pH by application of Gypsum or Lime at a rate sufficient to bring into acceptable range of 6.2 to 6.6.

3.4 FERTILIZATION:

- A. Distribute fertilizer uniformly at a rate of 2,000 pounds of commercial 5.10.10 analysis fertilizer per acre and incorporate into the soil to a depth of approximately three (3) inches by disking, harrowing, or other approved methods.
- B. Apply Nitrate of Soda or Ammonium Sulfate to spring sown areas before the following September 15th. Uniformly spread Nitrogen fertilizer with approved equipment at a rate that will yield not less than sixty (60) pounds of available Nitrogen per acre. The substitution of other commercial types of nitrogenous material may be considered so long as specified rate of available Nitrogen is provided.

3.5 SEEDING:

Unless otherwise specified, permanent grass cover will consist of Fescue seeded at a rate of 220 pounds per acre. Do not seed Fescue between October 15 and March 1. If seeding is delayed past October 15, temporarily seed annual Rye at a rate of 100 pounds per acre through the following February 1, and complete permanent seeding with Fescue before March 15. Apply seed by means of a Hydro-seeder or other means that will produce the required stand of grass.

3.6 COMPACTION:

Immediately after seeding operations have been completed, compact the area by means of a cult packer, roller, wood float, or other approved equipment, or by hand methods, to reduce air pockets to minimum. Leave the complete planted area with a firm, even surface, free from abrupt humps and hollows, and to the established grade.

3.7 MULCHING:

Mulch all planted areas uniformly with hay or straw at the rate of 1 ½ tons per acre. Commercially available mulch substitutes may be used.

3.8 MAINTENANCE:

- A. Keep the surface of the ground uniformly moist until the grass shows uniform germination over the entire area. Wherever poor germination occurs in areas larger than three (3) square feet promptly reseed, roll, and water as necessary to obtain proper germination.

- B. Water, weeds, and otherwise maintains and protects seeded areas as necessary to produce a dense, healthy growth of grass.

3.9 INSPECTION - ACCEPTANCE:

The Contractor shall achieve ninety-five percent (95%) coverage by permanent grasses and weeds are not excessive. Re-grade, fertilize and reseed any areas not acceptably covered with dense grass or containing significant stands of weeds. Thereupon, continue to water, weed, fertilize and otherwise maintain the entire stand until the end of that planting season, when another inspection take place. Only when a dense stand of weed-free grass is established, will the grass sown be accepted.

3.10 ACCEPTANCE OF WORK

Upon the successful completion of an inspection by VDOT within the right of way and any other acceptance shall be to the satisfaction of Prince William Water. The Contractor shall be required to repair or replace unsatisfactory Work and have Work re-inspected at no additional cost to Prince William Water.

END OF SECTION

MEASUREMENT AND PAYMENT

1.01 GENERAL

- A. Prices Bid shall constitute complete payment for the Work as described in the Contract Documents.
- B. Work and services of an administrative nature, not referenced in Schedule of Unit Rate, statements, item Descriptions, Contract General Conditions, etc., is considered incidental to the Work and no separate or additional payments will be made for such.
- C. Bid item descriptions are not considered to be an exhaustive description of the entire Work to be performed, the necessary equipment, appurtenances, and incidentals involved in executing the Work of each Work Order. Any items not mentioned in the item descriptions are required to complete the Work of each Item is considered incidental to the Work, and as such, must be included in the applicable Bid prices.
- D. All Prince William Water project- pricing requests will be contingent upon availability of funds and mutual agreement of Scope, price and schedule.

2.01 BASIS FOR MEASUREMENT AND PAYMENT

- A. Measurement and Payment will be made for only those items included in the Schedule of Unit Prices or Contract Change Order(s) for the Project.
- B. All measurement for payment will be for completed Work performed according to Contract Specifications, Construction Details and the Schedule of Unit Prices. All Work shall be measured according to the methods outlined in this contract.
- C. Payment for any item is full compensation for furnishing all labor, materials and equipment required to provide a complete and operable item of the Work. Any Work and material paid under one item will not be paid for under another item.
- D. Fully Burdened is defined as Contractor providing all labor, material, equipment, supervision, mobilization, demobilization, coordination, demolition, permits, hoisting, conveying, tools, taxes, safety, quality control, clean-up, overhead, profit, fringe benefits, insurances, incidentals etc. necessary to furnish and install the Work in accordance with the Contract Documents
- E. The Contractor shall comply with the items listed in the Measurement and Payment and provide installation in accordance with the latest edition of the Virginia Department of Transportation (VDOT) Road and Bridge Specifications and Standards.

3.01 UNIT PRICE PAYMENT ITEMS

Measurement and Payment will be made for only those items included in the Schedule of Unit Prices or Contract Change Order(s) for the Project. Items listed below are descriptions of the items for pricing under Schedule of Unit Price form. All other requested Work not identified will be priced on a case by case basis as needed for the Work.

SOILS

Items# 1-REGULAR EXCAVATION (500 CY or less):

- A. *Measurement:* Regular excavation computed based on using the original ground elevation. Undercutting shall be measured the same as regular excavation.
- B. *Payment:* Unit price Fully Burdened listed in Attachment B Pricing Schedule.

Items# 1A-REGULAR EXCAVATION (500 CY or greater):

- A. *Measurement:* Regular excavation computed based on using the original ground elevation. Undercutting shall be measured the same as regular excavation.
- B. *Payment:* Unit price Fully Burdened listed in Attachment B Pricing Schedule.

Item # 2. BORROW MATERIAL:

- A. *Measurement:* Shall consist of debris and contaminate free fill dirt for the Work.
- B. *Payment:* Unit price Fully Burdened listed in Attachment B Pricing Schedule.

Item #3. SUB-GRADE STABILIZATION GEOTEXTILE MATERIAL:

- A. *Measurement:* US Fabric's US 120NW or equivalent and shall consist of one (1) layer of geotextile installed. The Contractor shall provide a two (2) foot overlap between sections.
- B. *Payment:* Unit price Fully Burdened listed in Attachment B Pricing Schedule.

Item #4. BASE MATERIAL (Type I - 1" in depth 100 SY or less)

- A. *Measurement:* Material shall consist of natural or artificial mixtures of crushed stone or slag, and natural or crushed sand; with or without soil mortar. Material and installed.

- B. *Payment:* Unit price Fully Burdened listed in Attachment B Pricing Schedule.

Item #4A. BASE MATERIAL (Type I - 1" in depth 100 SY or Greater)

- A. *Measurement:* Material shall consist of natural or artificial mixtures of crushed stone or slag, and natural or crushed sand; with or without soil mortar. Material and installed.
- B. *Payment:* Unit price Fully Burdened listed in Attachment B Pricing Schedule.

ASPHALT CONCRETE

ITEM# 5 BM-25 ASPHALT CONCRETE BSE COURSE (100 SY or less)

- A. *Measurement:* Work shall consist of constructing one or more courses of asphalt concrete, on the prepared sub-base or sub grade in accordance with the plans or as directed by Prince William Water. The base course shall be constructed to the lines, grades and typical section specified in the plans or as directed by Prince William Water. The Work of bituminous concrete including, hand placed asphalt concrete and tack coat between layers of asphalt, materials, additives, labor tools, equipment, and all other incidentals necessary to complete the Work.
- B. *Payment:* Asphalt concrete paid for the contract unit price per square yard (SY) and one (1) inch depth increments for the asphalt concrete specified.

ITEM# 5A BM-25 ASPHALT CONCRETE BSE COURSE (Greater than 100 SY)

- A. *Measurement:* Work shall consist of constructing one or more courses of asphalt concrete, on the prepared sub-base or sub grade in accordance with the plans or as directed by Prince William Water. The base course shall be constructed to the lines, grades and typical section specified in the plans or as directed by Prince William Water. The Work of bituminous concrete including, hand placed asphalt concrete and tack coat between layers of asphalt, materials, additives, labor tools, equipment, and all other incidentals necessary to complete the Work.
- B. *Payment:* Asphalt concrete paid for at the contract unit price per square yard (SY) and one (1) inch depth increments for the asphalt concrete specified.

ITEM# 6 SM-95A ASPHALT CONCRETE SURFACE COURSE (Less than 100 SY)

A. *Measurement:* Work shall consist of constructing one or more courses of asphalt concrete on a prepared base in accordance with the plans or as directed by Prince William Water. The asphalt concrete specified includes hand placed asphalt and tack coat between layers. When a prime is required, it shall be a separate Bid item. These prices shall be full compensation for the asphalt concrete including tack coat between layers of asphalt, materials, additives, labor, tools, equipment, and all other incidentals necessary to complete the Work

B. *Payment:* The asphalt concrete paid per Square Yard (SY) and one (1) inch depth increments.

ITEM# 6A SM-95A ASPHALT CONCRETE SURFACE COURSE (Greater than 100 SY)

A. *Measurement:* Work shall consist of constructing one or more courses of asphalt concrete on a prepared base in accordance with the plans or as directed by Prince William Water. The asphalt concrete specified includes hand placed asphalt and tack coat between layers. When a prime is required, it shall be a separate Bid item. These prices shall be full compensation for the asphalt concrete including tack coat between layers of asphalt, materials, additives, labor, tools, equipment, and all other incidentals necessary to complete the Work

B. *Payment:* Basis of payment shall be per Square Yard (SY) and one (1) inch depth increments.

ITEM# 7 CRACK SEALING

A. *Measurement:* This Work shall include sealing cracks in existing asphalt pavement surfaces prior to overlay. All Work is per manufacturer's application, Polyguard NW-75 or equivalent.

B. *Payment:* Basis of payment will be by linear foot.

ITEM# 8 SEAL COATING

A. *Measurement:* Sealer applied by wheeled coating machine or hand applied. If used in conjunction with any of the above items, the prime sealer itemized as a separate pay item.

B. *Payment:* Basis of payment shall be for square yard applied. Payment shall include all necessary materials, labor and equipment needed for the application.

STONE AND STABILIZATION

ITEM# 9 TOPSOIL AND SEEDING

- A. *Measurement:* Shall include grading behind curb and gutter, drop inlets, or any miscellaneous Work specified on the plans or directed by Prince William Water. This Work shall be for areas that need hand raked and all rocks 1/2 inch or larger shall require removal. Topsoil shall consist of loading, hauling and spreading topsoil in accordance with the latest edition of the Virginia Department of Transportation Road and Bridge Specifications and Standards.
- B. *Payment:* Basis of payment shall be in square yards of topsoil and include spreading fertilizer, lime, mulch and sowing seed.

ITEM# 10 No. 5 Stone

- A. *Measurement:* This is to be used in various locations or as directed by Prince William Water.
- B. *Payment:* Basis of payment will be in tons placed.

ITEM# 11 Dry Rip-Rap Class I

- A. *Measurement:* Stone used in this class shall weigh between 50 and 150 pounds with at least 60 percent of the stone weighing more than 100 pounds except that approximately 10 percent of the stone may weigh 50 pounds or less.
- B. *Payment:* Basis of payment shall be in tons placed.

ITEM# 12 Erosion Control Stone-Type A

- A. *Measurement:* Material and installation shall be in accordance with the latest edition of the Virginia Department of Transportation Road and Bridge Specifications and Standards.
- B. *Payment:* Basis of payment shall be in tons placed.

ITEM# 13 Erosion Control Stone-Type B

- A. *Measurement:* Material and installation shall be in accordance with the latest edition of the Virginia Department of Transportation Road and Bridge Specifications and Standards.
- B. *Payment:* Basis of payment shall be in tons placed.

ITEM# 14 Stone (No.1 Aggregate)

- A. *Measurement:* Stone Material sized in accordance with the latest edition of the Virginia Department of Transportation Road and Bridge Specifications and Standards.
- B. *Payment:* Basis of payment shall be in tons placed and shall be full compensation including, installation, equipment, labor, tools and any incidentals necessary to complete the Work.

ITEM# 14A Stone (No.3 Aggregate)

- A. *Measurement:* Stone (No.3) sized in accordance with the latest edition of the Virginia Department of Transportation Road and Bridge Specifications and Standards.
- B. *Payment:* Basis of payment shall be in tons placed and shall be full compensation including, installation, equipment, labor, tools and any incidentals necessary to complete the Work.

ITEM# 15 Straw or Hay Bale Barrier –

- A. *Measurement:* Temporary barrier constructed across or at the toe of a slope. Its purpose is to intercept and detain sediment from areas one-half acre or smaller where only sheet erosion may be a problem.
- B. *Payment:* Basis of payment shall be in liner foot of barrier in place.

ITEM# 16 Temporary Filter Barrier –

- A. *Measurement:* Barrier shall consist of standard strength geotextile fabric or 10- ounce burlap fabric and shall be securely fastened to wood or metal supports that are spaced at no more than three (3) foot intervals and driven at least 12 inches into the ground. At least three supports used. The bottom of the fabric shall be entrenched in the existing ground at least four (4) inches. The temporary filter barrier shall be at least 15 but not more than 18 inches in height. The top of the fabric installed with a one (1) inch tuck or reinforced top end section.
- B. *Payment:* Basis of payment shall be in linear feet complete in-place.

CONCRETE

ITEM# 17 Curb and Gutter (less than 100 feet) –

- A. *Measurement:* The unit price shall include four (4) inches of #5 stone, three (3) feet wide, backfill and compaction. Concrete shall be vibrated and or rodged to eliminate air pockets. No water added during finishing. Unit prices shall also

include application of curing compound. The Contractor will install full depth SM-9.5 Asphalt concrete between the new curb and gutter and the old pavement, 12 inches minimum. Removal of curb and gutter paid as per item 28 under this section.

B. *Payment:* Basis of payment will be per linear foot.

ITEM# 18 Curb and Gutter (more than 100 feet) –

A. *Measurement:* The unit price shall include four (4) inches of #5 stone, three (3) feet wide, backfill and compaction. Concrete shall be consolidation by vibration or rodding. No water added during finishing. Unit prices shall also include application of curing compound. The Contractor will install full depth SM-9.5 Asphalt concrete between the new curb and gutter and the old pavement, 12 inches minimum. Removal of curb and gutter paid as per item 28 under this section.

B. *Payment:* Basis of payment will be per linear foot.

ITEM# 19 Radial Curb and Gutter –

A. *Measurement:* The Standard curb and gutter having a radius of 300 feet or less designated as 'radial'. Basis of payment shall be per linear foot. The unit price shall include four (4) inches of #5 stone three (3) feet wide, backfill and compaction. The Contractor will install full depth SM-9.5 Asphalt concrete between the new curb and gutter and the old pavement, 12 inches minimum. Removal of curb and gutter paid as per item 28 under this section.

B. *Payment:* Basis of payment will be per linear foot.

ITEM# 20 Handicap Ramps –

A. *Measurement:* This item shall be constructed of Class A-3 concrete with a minimum depth of four (4) inches or as directed by Prince William Water. The price shall be full compensation for forming, materials, labor, tools, equipment and incidentals necessary to complete the work. Concrete shall be vibration or rodding. No water added during finishing. Unit prices shall also include application of curing compound. Removal of curb and gutter shall be paid as per item 28 under this section.

B. *Payment:* Basis of payment shall be in square yards.

ITEM# 21 Sidewalks –

- A. *Measurement:* This item shall be constructed of Class A-3 concrete with a minimum depth of four (4) inches or as directed. The price shall be full compensation for forming, materials, labor, tools, equipment and incidentals necessary to complete the Work. Concrete shall be vibration and or rodded to eliminate air pockets. No water added during finishing. Unit prices shall also include application of curing compound. Removal of concrete paid as Bid according to Specifications and pricing in item number 29 under this section.
- B. *Payment:* Basis of payment shall be in square yards.

ITEM# 22 Median MS-1 –

- A. *Measurement:* The standard curb shaping and shall conform. Depth of concrete shall be a minimum of eight (8) inches. Basis of payment shall be square yards of median that shall be full compensation for all labor, equipment, materials and incidentals necessary to complete the Work.
- B. *Payment:* Basis of payment shall be in square yards.

ITEM# 23 Standard Entrance Gutter–

- A. *Measurement:* This price shall be full compensation of four (4) inches of stone bedding, materials, labor, tools, equipment and incidentals necessary to complete the Work. Concrete shall be vibration or rodded. No water added during finishing. Unit prices shall also include application of curing compound. When this Work is a replacement item, the Contractor will install full depth SM-9.5. Asphalt concrete between the new curb and gutter, 12 inches minimum and the old pavement within three (3) Days after the curb and gutter is backfilled. Removal of concrete paid as Bid according to Specifications and pricing in item number 28 under this section.
- B. *Payment:* Basis of payment shall be square yards

ITEM# 24 Exposed Aggregate Concrete, Depth 4”–

- A. *Measurement:* This item constructed of Class A-3 exposed aggregate concrete with a minimum depth of four (4) inches or as directed. The installation shall be full compensation of materials, labor, equipment and incidentals necessary to complete the Work. Concrete shall be vibration or

rodded. No water added during finishing. Unit prices shall also include application of curing compound.

B. *Payment*: Basis of payment shall be in square yards

ITEM# 25 Class A-3 Concrete–

A. *Measurement*: The structural concrete in this item will be for steps, end walls, junction boxes, drop inlets, valets, and other miscellaneous concrete items. Unit price will include forming, materials, labor, equipment and all incidentals to complete Work. Concrete shall be vibration and rodded. No water added during finishing. Unit prices shall also include application of curing compound.

B. *Payment*: Basis of payment shall be in cubic yards

ITEM# 26 Reinforcing Steel–

A. *Measurement*: This Work shall consist of furnishing and placing all reinforcing steel used with structural concrete.

B. *Payment*: Basis of payment will be for the Bid unit price per pound.

ITEM# 27 Wire Mesh–

A. *Measurement*: This Work shall consist of furnishing, and placing wire mesh used with structural concrete.

B. *Payment*: Basis of payment will be for the unit Bid price per pound.

ITEM# 28 Allaying Dust by Application of Water–

A. *Measurement*: Construction methods to conform to Section 511 per Measurement and Payment 2.01 E.

B. *Payment*: Basis of payment will be in unit price per truck hour of actual loading and application time only.

DEMOLITION

ITEM# 29 Removal and Disposal of Existing Curb and Gutter–

A. *Measurement*: This Work will consist of removing and disposal of existing curb and gutter and excavating an area four (4) feet in width maximum and four (4) inches below the existing curb and gutter, as directed by Prince William Water. Disposal of this item shall be at a location secured by the Contractor.

- B. *Payment:* Basis of payment shall be in linear foot. The saw cutting and removal of asphalt compensated under other terms of the contract.

ITEM# 30 Removal and Disposal of Existing Unreinforced Concrete–

- A. *Measurement:* This Work will include sidewalks, driveways, medians, and all other miscellaneous concrete items. Saw cutting will be included in the basis of payment for removal or driveways, and sidewalks. The disposal of this shall be at a location secured by the Contractor and will be included in the unit price.
- B. *Payment:* Basis of payment will be in cubic yards of concrete removed.

ITEM# 31 Removal and Disposal of Existing Reinforced Concrete–

- A. *Measurement:* This Work shall consist of all reinforced concrete. Saw cutting of reinforced ramps shall be included in this basis of payment. Disposal of this material will be at a location secured by the Contractor and included in this unit price.
- B. . *Payment:* Basis of payment will be in cubic yards.

ITEM# 32 Asphalt Milling–

- A. *Measurement:* The Work shall consist of milling to remove a one (1) inch of asphalt pavement for repair or installation of new surface. Contractor shall provide, labor, tools, equipment, cutting of the pavement, and all other tools or equipment necessary to complete the Work. Disposal of the milled material shall be at a location secured by the Contractor and included in this unit price
- B. *Payment:* Basis of payment will be in square yards which shall be for removal, disposal and cleanup.

ITEM# 33 Asphalt Pavement Removal (up to 4")–

- A. *Measurement:* This Work shall consist of removal of asphalt pavement for repair and the installation of valve boxes, risers, curb and gutter, and other miscellaneous items, the Bid price per square yard shall include saw cutting the pavement up to a depth of four (4) inches. Contractor shall provide, labor, tools, cutting of the pavement, and equipment necessary to complete the Work. Disposal of this item shall be at a location secured by the Contractor and included in this unit price.

- B. *Payment:* Basis of payment will be in square yards which shall be for full compensation for removal and disposal of materials at a site secured by the Contractor.

ITEM# 33A Asphalt Pavement Removal (more than 4")–

- A. *Measurement:* This Work shall consist of removal of asphalt pavement for repair and the installation of valve boxes, risers, curb and gutter, and other miscellaneous items, the Bid price per square yard shall include saw cutting for depths GREATER THAN four (4) inches. Contractor shall provide, labor, tools, cutting of the pavement, and equipment necessary to complete the Work. Disposal of this item shall be at a location secured by the Contractor and included in this unit price.
- B. *Payment:* Basis of payment shall be in square yards for pavement more than four inches in depth. The basis of payment will be square yards.

ITEM# 34 Flagger Service–

- A. *Measurement:* This item shall consist of furnishing flag persons knowledgeable of (MUTCD) Manual on Uniform Traffic Control Device requirements.
- B. *Payment:* Basis of payment shall be per hour of actual flagging, which shall be full compensation for all labor, paddle signs and safety equipment.

ITEM# 35 Traffic Control–

- A. *Measurement:* This item shall consist of providing needed traffic control lane closures required to meet the (MUTCD) Manual on Uniform Traffic Control Device requirements.
- B. *Payment:* Basis of payment shall be per Day of furnishing personal, barriers, signage and equipment for lane closures.

ITEM# 36 Dewatering (2" pump or less)–

- A. *Measurement:* Work shall consist of pumping water to facilitate construction or maintenance activities when directed by Prince William Water.
- B. *Payment:* Measurement and payment will be in hours of actual pumping. The unit price Bid shall be full compensation for all encompassed labor, equipment, hose and accessories, fuel and incidentals necessary to complete the Work.

ITEM# 36A Dewatering (3"- 6" pump)–

- A. *Measurement:* Work shall consist of pumping water to facilitate construction or maintenance activities when directed by Prince William Water.
- B. *Payment:* Measurement and payment will be in hours of actual pumping. The unit price Bid shall be full compensation for all encompassed labor, equipment, hose and accessories, fuel and incidentals necessary to complete the Work.

PAVEMENT MARKINGS

ITEM# 37 Single Line Pavement Marking–

- A. *Measurement:* Single Line Pavement Marking itemized as a separate pay item. Cost will include all necessary materials, labor and equipment needed for the application.
- B. *Payment:* Basis of payment shall be per linear foot.

ITEM# 38 Double Line Pavement Marking–

- A. *Measurement:* Double Line Pavement Marking itemized as a separate pay item. Cost will include all necessary materials, labor and equipment needed for the application.
- B. *Payment:* Basis of payment shall be per linear foot.

ITEM# 39 Stop Lines–

- A. *Measurement:* Stop Lines itemized as a separate pay item. Cost will include all necessary materials, labor and equipment needed for the application.
- B. *Payment:* Basis of payment shall be per linear foot.

ITEM# 40 Yield Lines–

- A. *Measurement:* Yield Lines itemized as a separate pay item. Cost will include all necessary materials, labor and equipment needed for the application.
- B. *Payment:* Basis of payment shall be per linear foot.

ITEM# 41 Parking Space Line Pavement Marking–

- A. *Measurement:* Parking Space Line Pavement Marking shall be itemized as a separate pay item. Cost will include all necessary materials, labor and equipment needed for the application.
- B. *Payment:* Basis of payment shall be per linear foot.

ITEM# 42 Handicap Parking Space Emblem—

- A. *Measurement:* Handicap Parking Space Emblem itemized as a separate pay item. Cost will include all necessary materials, labor and equipment needed for the application.
- B. *Payment:* Basis of payment shall be for per Emblem applied.

ITEM# 43 Concrete Bumpers (Stops)—

- A. *Measurement:* Work shall include setting and placing ½ rebar anchor in each location on the bumper. The bumper shall be 72” long, 9” wide, and 5” high. The bottom of the bumper installation raised or drainage channels in areas to allow drainage.
- B. *Payment:* Basis of payment shall be for per Concrete Bumper (Stops) installed.

All other soils, excavating, concrete, asphalt pavement and pavement markings not listed shall be priced on case by case bases depending on the requirements of the Work.

END OF SECTION

SUBMITTALS AND DELIVERABLES

1.01 GENERAL

Deliver submittals to Prince William Water or Prince William Water's Representative.

Review of submittals or deliverables by Prince William Water or Prince William Water Representative does not relieve the Contractor of his sole responsibility for compliance with the Contract Documents.

The Contractor shall prepare and submit a preliminary schedule for accomplishing the Work. The Work Order will serve as the "Notice to Proceed". A fully complete progress schedule for accomplishing the Work submitted in like manner no later than fifteen (15) Days after issuing a Work Order.

Distribute copies of accepted submittals to concerned persons. Instruct recipients to report promptly any inability to comply with provisions.

2.01 SUBMITTALS

A. Schedule

1. Submit schedule within 15 Days after date established for Commencement of the Work.
2. Distribute copies to Prince William Water and parties required to comply with dates.
3. Schedule outlining duration of Days, time of day with any traffic control measures.

B. Pay Application or Invoice

1. Pay Application with Supporting backup.
2. Attachment B Invoice Calculation Table Form
3. Asphalt and Concrete Delivery ticket to support Pay Application.
4. Weigh tickets and disposal manifests from licensed disposal facility.

C. Public Notification

1. Contractor shall provide Signage and Notification to customers for the Work being performed. The Notification template shall contain at a minimum the following:
 - a. Road Paving: No Parking 9 AM to 3 PM (insert date)
 - b. Alternate Rain Date: (insert date)
 - c. Contractor's Name
 - d. Local 24- Hour phone number

END OF SECTION

ATTACHMENT B **PRICING SCHEDULE**

The Bidder shall agree to provide Concrete and Asphalt Services at the following firm fixed delivered unit prices, in accordance with the Scope of Work and terms and conditions identified herein. Prices shall include all direct and indirect costs, including but not limited to travel, disposal fees, overhead and profit, supervision, etc.

The quantities specified are annual estimates provided solely for the evaluation of Bid responses. These quantity estimates are not necessarily purchased under any resulting contract. If requirements do not result in an order in the quantities described as “estimated,” that fact shall not constitute the basis for an equitable price adjustment.

Minimum order quantities are not allowed.

This Pricing Schedule covers the construction and rehabilitation of various properties, roadways, parking areas, ramps and other miscellaneous concrete and asphalt Work assigned to one or more Contractors. Asphalt materials used during the duration of this contract shall be subject to a price adjustment index as formulated by the Virginia Department of Transportation (VDOT). The quantities, locations and estimated costs of the various projects are unknown and no guarantee made as to the quantities, number or size of projects assigned under this contract. Quantities shown on the Schedule of Unit Price are not to represent any estimates, but rather used only for evaluating Bids.

The Contractor shall not subcontract any portion of the Work without prior written consent of Prince William Water. In the event that the Contractor desires to subcontract some part of the Work specified in the contract, the Contractor shall furnish Prince William Water the names, qualifications, and experience of the proposed Subcontractors. The Contractor however shall remain fully liable and responsible for the Work to be done by his/her Subcontractor(s) and shall assure compliance with all the requirements of the contract.

The Contractor shall comply with the items listed in the Measurement and Payment and provide installation in accordance with the latest edition of the Virginia Department of Transportation (VDOT) Road and Bridge Specifications and Standards.

VDOT Right of Way’s- All asphalt replacement patchwork installed at one and a half times the thickness of the existing asphalt per VDOT standards.

NON-VDOT Right of Way’s- All asphalt replacement patchwork installed at existing thickness.

Pricing Adjustments using the VDOT Index.

1. Asphalt formulations utilized in this Schedule of Unit Price shall follow the Virginia Department of Transportation (VDOT) Specifications.

2. This is a Unit Price Contract and the unit of measure is typically in tons, cubic yards, square yards, each or man hours.
 - a. Since the items on the Pricing Schedule include Specifications in which asphalt is only a component of what is being provided, the successful Bidder must provide a separate itemization of the quantity of asphalt utilized for any job completed.
 - b. For Bid purposes the (insert MONTH) base index of \$**** per short ton was used in calculating the Bid price. The (insert MONTH) base index of **** is the base line on which all future adjustments using this index will be made during the duration of the contract.

LOT 1 (UNIT PRICES) FOR WORK HOURS 7:00 AM to 5:00 PM						
A	B	C	D	E	F	G
Item No.	Item	Est. Quantities	Unit	Unit Cost	Total (C x E=F)	% of asphalt Cement used in asphalt mix formula
1	Regular Excavation 500 c.y. or less	500	CY	\$	\$	N/A
1A	Regular Excavation over 500 c.y.	1000	CY	\$	\$	N/A
2	Borrow Material	1000	CY	\$	\$	N/A
3	Subgrade stabilization Material	200	SY	\$	\$	N/A
4	Base Material Type I - 1" in depth (100 SY or less)	50	SY	\$	\$	%
4A	Base Material Type I - 1" in depth (over 100 SY)	500	SY	\$	\$	%
5	Asphalt Pavement BM-25 1" in depth (100 SY or less)	500	SY	\$	\$	%
5A	Asphalt Pavement BM-25 1" in depth (over 100 SY)	1000	SY	\$	\$	%
6	Asphalt Pavement SM9.5 1" (100 SY or less)	500	SY	\$	\$	%
6A	Asphalt Pavement SM9.5 1"(over 100 SY)	1000	SY	\$	\$	%
7	Crack Sealing	1000	LF	\$	\$	%
8	Sealer Coating	1000	SY	\$	\$	%
9	Topsoil and Seeding	1000	SY	\$	\$	N/A
10	No #5 Stone	200	TONS	\$	\$	N/A

11	Dry Rip Rap Class I	30	TONS	\$	\$	N/A
12	Erosion Control Stone Type A	30	TONS	\$	\$	N/A
13	Erosion Control Stone Type B	30	TONS	\$	\$	N/A
14	Stone (No.1 Aggregate)	30	TONS	\$	\$	N/A
14A	Stone (No.3 Aggregate)	30	TONS	\$	\$	N/A
15	Straw or Hay Bale Barrier	100	LF	\$	\$	N/A
16	Temporary Filter Barrier	100	LF	\$	\$	N/A
17	VDOT Std Curb and Gutter (less than 100 ft.)	200	LF	\$	\$	N/A
18	VDOT Std Curb and Gutter (more than 100 ft.)	200	LF	\$	\$	N/A
19	VDOT Radial Curb and Gutter	200	LF	\$	\$	N/A
20	Handicap Ramps	25	SY	\$	\$	N/A
21	Sidewalks	500	SY	\$	\$	N/A
22	Std MS-1 Median	100	SY	\$	\$	N/A
23	Std Ent. Gutter	200	SY	\$	\$	N/A
24	Expose Aggregate Concrete Depth 4"	200	SY	\$	\$	N/A
25	Concrete Class A-3	50	CY	\$	\$	N/A
26	Reinforcing Steel	1000	LBS	\$	\$	N/A
27	Wire Mesh	500	LBS	\$	\$	N/A
28	Allaying Dust by application of Water	10	HOUR S	\$	\$	N/A
29	Removal and Disposal of Existing Curb and Gutter	500	LF	\$	\$	N/A
30	Removal and Disposal of Existing Concrete	500	CY	\$	\$	N/A
31	Removal & Disposal of Existing Structural Concrete	200	CY	\$	\$	N/A
32	Milling (remove up to 1")	100	SY	\$	\$	N/A
33	Asphalt Pavement Removal (Up to 4" Depth)	500	SY	\$	\$	N/A
33A	Asphalt Pavement Removal (more than 4" Depth)	250	SY	\$	\$	N/A

34	Flagger Service	20	HOURS	\$	\$	N/A
35	Traffic Control	5	DAY	\$	\$	N/A
36	Dewatering (2" pump or less)	10	HOURS	\$	\$	N/A
36A	Dewatering (3"-6" pump)	10	HOURS	\$	\$	N/A
37	Single Line Pavement Marking	500	LF	\$	\$	N/A
38	Double Line Pavement Marking	500	LF	\$	\$	N/A
39	Stop Lines	20	LF	\$	\$	N/A
40	Yield Lines	20	LF	\$	\$	N/A
41	Parking Space Line Pavement Marking	500	LF	\$	\$	N/A
42	Handicap Parking Space Emblem	10	EA	\$	\$	N/A
43	72" x 9"x 5" Concrete Bumpers(stops)	10	EA	\$	\$	N/A
44	Hauling of Spoils	30	Tons	\$	\$	N/A
	LOT 1 TOTAL (Items 1 through 44, Column F)				\$	

All unit prices are fully burdened.

TOTAL ALL ITEMS: (\$ _____)

TOTAL ALL ITEMS: (_____)
In Writing

Add Alternate Rates

Additional Rates for out-of-scope Work which may be related or not related to the Work under any given Work Order, including labor, materials and equipment, as required and authorized by Prince William Water:

The following prices will be paid for extra Work if authorized by Prince William Water unless the item appears in Lot 1 table in which case that price will govern. No percentage to be added.

All equipment rental rates include the operator and all operating costs. Rates will be paid for the time the equipment and labor is actually used for the Work. No payment will be made for idle equipment. The equipment rental rates specified herein are the rates that will be paid regardless of the position classification of the person operating the equipment.

No mobilization will be paid on Lot 2 Add Alternate Rates.

LOT 2 (UNIT PRICES)		
I. ITEM	II.	III. RATES
Superintendent	Hours	\$
Foreman	Hours	\$
General Laborer	Hours	\$
Carpenter	Hours	\$
Carpenter Laborer	Hours	\$
Form setter	Hours	\$
Concrete Finisher	Hours	\$
Concrete Laborer	Hours	\$
Bricklayer	Hours	\$
Brick Mason (Finished Work above ground)	Hours	\$
Brick Mason Laborer	Hours	\$
Stone Cutter	Hours	\$
Stone Cutter Laborer	Hours	\$
Dump Truck - 2 ton w/3cu. Yd. Body or larger with Operator	Hours	\$
Tandem Dump Truck - Dual Wheel with Operator	Hours	\$
Certified Welder w/Welder Welding Machine	Hours	\$
Carryall Truck or Pickup with Operator	Hours	\$
Equipment Operator(for rental Equipment)	Hours	\$
Pavement Marker	Hours	\$
Pavement Marker Laborer	Hours	\$

All rates are fully burdened.

Pavement Markings

Any pavement markings and measurements not listed or priced above shall be established and priced based on the requirements of the Work or as directed by Prince William Water.

Equipment

If the Contractor uses their own equipment, they must provide a rate that is more favorable than the local rental rate. All equipment used by the Contractor must be approved by Owner prior to use.

If the Contractor provides equipment through a rental company, the Contractor shall charge the Owner only for local rental equipment fees and applicable delivery charges. No tools or miscellanies tools. All rental equipment and associated fees must be approved by Owner prior to delivery.

Bid Prices

- Bid prices shall be in the form of firm fixed rates in accordance with the specifications and terms and conditions identified herein. All prices shall include all direct and indirect costs such as travel, disposal fees, permits, profit and overhead, supervision, etc. All overtime rates shall be time and a half of the hourly rate indicated in Pricing Schedule. Bidders indicating anything other than time and a half will be declared non-responsive.
- The successful Bidder may be required to provide materials, rental equipment (such as cranes, aerial lifts, scaffolding) and/or Subcontractors to fulfill the requirements of the contract. If the successful bidder provides materials, rental equipment or Subcontractors, compensation will be based on the actual cost of the materials, rental equipment and Subcontractors with an administrative fee to be equal to the percentages shown below. No extra charges will be allowed.
 - Materials Administrative Fee: 6%
 - Rental Equipment Administrative Fee: 7%
 - Subcontracting Administrative Fee: 5%
- Additionally, the successful Bidder may be required to provide emergency repair services within four (4) hours. The successful Bidder will be paid a fee of \$150.00 per Emergency Response Request in addition to the firm fixed hourly rates.

In order for Your Bid to be declared responsive, the following Bid Submittals must be included in Your Bid response:

- **Signed IFB Cover Page**
- **IFB Submission Form**
- **Fully Completed Pricing Schedule**
- **Form A– Bidder Reference Form**
- **Form B – Subcontractor Reference Form**
- **Form C – Subcontractor No-Conflict of Interest Form**
- **Form D – SWaM Subcontracting Plan**
- **Form E – State Corporation Commission Form**
- **Addendum Acknowledgement**

Bidder Name

Bidder Signature

ATTACHMENT C **REQUIRED INSURANCE LIMITS**

Insurance Coverages and Limits:

Coverage Required		Minimum Limits
1.	Workers' Compensation and Employers' Liability:	Statutory Limits of the Commonwealth of VA:
	Admitted in Virginia	Yes
	Employers' Liability	\$500,000
	All State Endorsement	Statutory
2.	General Liability	\$1,000,000 Combined Single Limit
	Contractual Liability	Bodily Injury and Property Damage
	Personal Injury	Each Occurrence
3.	Automobile Liability	\$2,000,000 Combined Single Limit
	Owned, Hired & Non-Owned	Bodily Injury and Property Damage
	Personal Injury	Each Occurrence
4.	Umbrella or Excess Liability	\$5,000,000 Each Occurrence \$5,000,000 Aggregate
5.	Prince William Water named as additional insured on General Liability Policies (This coverage is primary to all other coverage Prince William Water may possess.)	
6.	Cancellation notice in accordance with policy provisions required.	
7.	Best's Guide Rating	A-:VII or Better, or Equiv.
8.	The Certificate must state Contract No. SA 2608	

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

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

A. Obtaining Certification

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

Primary Certification Entity:

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

Other Certification Entity Partners of Prince William Water Include:

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

B. Maximizing Sub-contractor Opportunities

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

- (1) Establishing and maintaining a current list of small, women-owned, minority-owned and service-disabled veteran sources available to provide goods/services.
- (2) Use the services and assistance of the Department of Small Business and Supplier Diversity of the Commonwealth of Virginia (SBSD) or other similar resources to

identify sub-contractors or sub-consultants.

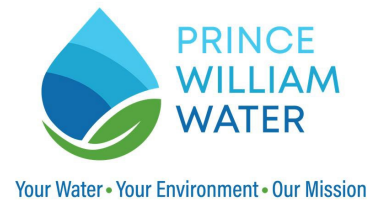
- (3) Encourage existing sub-contractors or sub-consultants to seek certification from one of the certification programs identified above if they are eligible.
- (4) Segment total work requirements to permit maximum SWaM participation through subcontractors or partnerships.
- (5) Assure that SWaM firms are solicited whenever they are potential sources of goods or services. This step may include:

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

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

ATTACHMENT E CONTRACT AGREEMENT

Procurement Department
T: (703) 335-8925



AGREEMENT NUMBER: SA 2608

SUBJECT: Concrete and Asphalt Services

BY AND BETWEEN:

Prince William Water:

PRINCE WILLIAM COUNTY SERVICE AUTHORITY
4 COUNTY COMPLEX COURT
WOODBIDGE, VIRGINIA 22192
T: (703) 335-8925 / F: (703) 335-7954

And the Contractor:

XYZ Company

Address

Address

Telephone:

Fax:

Email:

Contact Person:

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Concrete and Asphalt SERVICES

AGREEMENT SA 2608

Between

PRINCE WILLIAM WATER

And

XYZ COMPANY

For

THIS [REDACTED] Agreement (hereinafter referred to as [REDACTED] Agreement” is made between the Prince William County Service Authority, (hereinafter referred to as “Prince William Water”), AND

XYZ Company authorized to do business in the State of Virginia, (hereinafter referred to as “Contractor”), whose place of business is [Insert Address].

WHEREAS, Prince William Water solicited bids from qualified contractors on [Insert Date of IFB Release], pursuant to Prince William Water IFB SA XXXX. Contractor submitted a response to the IFB dated [Insert Date of Response Submittal]. Based upon the representations of Contractor in the Response to IFB, which representations Prince William Water has relied upon, Prince William Water selected the Contractor to provide said continuing [REDACTED] Services for Prince William Water; and

WHEREAS, the Contractor is willing and able to perform such [REDACTED] Services for Prince William Water within the basic terms and conditions set forth in this Agreement; and

NOW THEREFORE, in consideration of the mutual terms, conditions, promises and covenants set forth below, Prince William Water and Contractor agree as follows:

SECTION 1 DEFINITIONS

The following definitions and references are given for the purpose of interpreting the terms as used in this _____ Agreement and apply unless the context indicates a different meaning:

A. Standard Definitions:

1. **Administrative Contracting Officer (ACO) also referred to as Contract Administrator:** Prince William Water employee holding a valid Warrant and designated to manage and document the Contractor's performance and compliance with all of the terms and conditions of the Contract. The ACO manages contract change orders, modifications and amendments, approving, or recommending approval of the same, if required. The ACO assigns contract management functions to the Contracting Officer Representative (COR), subject to established threshold limitations, for each designated contract.
2. **Change Order:** A written order to the Contractor executed by Prince William Water, issued after execution of an agreement, authorizing and directing an addition, deletion or revision in the Work or an adjustment in the Contract Price or Contract Times.
3. **Contract/Agreement:** When used as a proper noun and capitalized the terms "Contract" or "Agreement" shall mean: this agreement. (When used as a common noun with lower case the terms "contract" or "agreement" shall mean: a mutually binding legal agreement between two or more parties.).
4. **Contract Document(s):** Documents which establish the rights and obligations of the Contractor and Prince William Water and include: The signed Contract, Addenda (which pertain to the resulting Contract Documents), the Notice to Proceed, together with all written Amendments, Change Orders, the Solicitation, Work Change Directives, Field Orders, and Contract Administer (ACO)'s written interpretations and clarifications issued on or after the Effective Date of the resulting contract.
5. **Contracting Officer (CO) also referred to as Procurement Manager:** Prince William Water person that has been legally authorized and responsible to enter into, administer, terminate and otherwise manage contracts subject to any approval thresholds that may be established by Prince William Water's General Manager and Board of Directors.
6. **Contracting Officer Representative (COR) also referred to as Prince William Water Project Manager:** the representative of the ACO responsible for the inspection and approval or disapproval of all deliverables and payment of invoices under Authority Contracts. Designation as a COR does not convey authority to execute Contracts or Change Orders.
7. **Contractor:** The person or entity, including employees, servants, partners, principals, agents, and assignees that obtained from Prince William Water a contract to provide the services set forth herein.
8. **Contractor's Project Manager:** The Contractor's person responsible for the Work.
9. **Day(s):** Calendar days, unless otherwise specified.
10. **Deliverable(s):** All electronic and/or physical items, products, reports, studies, calculations, plans, drawings, surveys, maps, models, photographs, and specifications, the Contractor must deliver to Prince William Water, at a specified date(s), and meeting

- the criteria defined in this _____ Agreement and/or all other subsequent task and sub-task agreement pursuant to this _____ Agreement.
11. **Dollar “\$”:** United States of America dollars.
 12. **Effective Date of the Contract/Agreement:** The date this Contract/Agreement becomes effective as documented by Prince William Water on the signature page of the Contract/Agreement.
 13. **Field Order:** A written order issued by the Contractor which requires minor changes in the Work, but which does not involve a change in the Contract Price or the Contract Times.
 14. **Final Payment:** Payment made by Prince William Water for completed services and representing the balance of Prince William Water’s financial obligation for a specified project.
 15. **Hourly Rate:** The rate specified in the Agreement for the individual employee and employee category on a specific project. The rates are as specified in the attached EXHIBIT B, Compensation and Labor Costs.
 16. **Intellectual Property Rights:** All of Contractor’s right, title, and interest under and to all trademarks, service marks, copyrights, know-how, trade secrets, curricula, text books, reference material, tests, online course material and programming, computer programs, sound files, technology, software, techniques, methods, ideas, and processes incorporated into or delivered in the course of performing the Work and all other forms of intellectual property rights and protections throughout the world, whether delivered via USB, Internet download, or other media, relating to Contractor and the materials and all future modifications, refinements, and improvements thereto, and any divisions, reissues, continuations in part, and extensions of the foregoing now or hereafter owned by Contractor or under which Contractor now has the rights.
 17. **Key Person (Key Personnel):** Any person or persons whose individual action or inaction can impact the timely accomplishment of the performance objective(s).
 18. **Lump Sum:** A method of payment to the Contractor for a fixed sum amount, which constitutes total compensation to the Contractor for the performance by the Contractor of the Work stated in _____ Agreement.
 19. **Materials:** All information, works of authorship, programs, systems, processes, methodologies, techniques, concepts, tools, analytical approaches, data, database models and designs, discoveries, inventions, ideas, and materials related thereto (whether patentable or not), including all documentation, technical information or data, specifications and designs and any changes, improvements, or modifications thereto or derivatives of any of the foregoing.
 20. **Notice to Proceed:** A written notice issued by the Owner to the Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work under the Contract Documents.
 21. **Prince William Water: Prince William County Service Authority**
 22. **Procurement Officer:** A delegate of the Procurement Manager.
 23. **Procurement Manager:** Prince William Water person that has been legally authorized and responsible to enter into, administer, terminate and otherwise manage contracts subject to any approval thresholds that may be established by Prince William Water’s General Manager and Board of Directors.

- 24. **Subcontractor:** An entity having a direct contract with the Contractor or with any other Subcontractor for the performance of a part of the Work.
- 25. **Specifications:** That part of the Contract Documents consisting of written technical descriptions of materials, equipment, systems, standards, and workmanship as applied to the Work and certain administrative details applicable thereto.
- 26. **Work:** The entire completed Construction, “goods”, or Services or the various separately identifiable parts thereof required to be provided under a Contract or Purchase Order. Work includes and is the result of performing or providing all labor, Services, and documentation necessary to complete the Work, all as required by the Contract or Purchase Order.
- 27. **Work Order:** A written agreement between Prince William Water and the Contractor meeting the requirements set forth in this [REDACTED] Agreement to perform work within the scope of work as described in EXHIBIT A, Scope of Work herein, or as approved by the Board of Directors.
- 28. The terms “**in writing**” and “**written**” mean documents permanently inscribed or printed on paper, submitted by facsimile (fax), or submitted by e-mail, unless otherwise specified.

SECTION 2 SCOPE OF SERVICES

- A. The Contractor shall provide services, as specified in this Agreement, to Prince William Water as described in Exhibit A, Scope of Work.
- B. The Contractor hereby represents to Prince William Water, with full knowledge that Prince William Water is relying upon these representations when entering into this Agreement with the Contractor, that the Contractor has the professional expertise, experience and manpower to perform the services in a manner consistent with the standard of care in the industry.
- C. Prince William Water may request changes that would increase, decrease, or otherwise modify the Scope of Work. Such changes must be contained in a written Change Order or Modification executed by the parties authorizing and directing an addition, deletion or revision in the Work or an adjustment in the compensation and/or schedule, in accordance with the provisions outlined in Section 4.20 of this Agreement.
- D. Prince William Water may, at its sole discretion, solicit Bids from other entities for services for any Project or other work outlined in Exhibit A, Scope of Work, of this [REDACTED] Agreement.
- E. Contract Documents: Prince William Water shall use Uniform Contract Documents as binding Contract Documents (Contract Agreements, Exhibits, RFPs/IFBs, etc.), which are under ownership of Prince William Water. No changes to Prince William Water Uniform Contract Documents are permitted without the express written consent of Prince William Water. Any changes made without Prince William Water consent is strictly prohibited and considered null and void.

SECTION 3 SPECIAL TERMS AND CONDITIONS

3.1 Contract Prices

- A. Contract prices shall be in the form of firm fixed hourly rates in accordance with the specifications and terms and conditions identified herein. All prices shall include all direct and indirect costs such as travel, disposal fees, permits, profit and overhead, supervision, etc. All overtime rates shall be time and a half of the hourly rate indicated in Pricing Schedule. Anything other than time and a half will not be accepted.
- B. The Contractor may be required to provide materials, rental equipment (such as cranes, aerial lifts, scaffolding) and/or Subcontractors to fulfill the requirements of the contract. If the Contractor provides materials, rental equipment or Subcontractors, compensation will be based on the actual cost of the materials, rental equipment and Subcontractors with an administrative fee to be equal to the percentages shown below. No extra charges will be allowed.
 - a) Materials Administrative Fee: 6%
 - b) Rental Equipment Administrative Fee: 7%
 - c) Subcontracting Administrative Fee: 5%
- C. Additionally, the Contractor may be required to provide emergency repair services within four (4) hours. The Contractor will be paid a fee of \$150.00 per Emergency Response Request in addition to the firm fixed hourly rates.

3.2 Compensation Billing and Payment

- A. Prince William Water agrees to pay the Contractor compensation for the Work provided for in this _____ Agreement as defined in EXHIBIT B, Compensation and Labor Costs.
- B. If Prince William Water requests Contractor to incur expenses not contemplated, Contractor shall notify Prince William Water in writing and obtain Prince William Water approval in writing prior to incurring such expenses.
- C. Invoices (or Applications for Payment) must contain sufficient information for Prince William Water to verify that the work was performed in accordance with this Contract. The Contractor shall submit documentation with each invoice as detailed in EXHIBIT D, Invocating Procedures.

3.3 Contract Term Renewal and Price Adjustments

- A. Term of Agreement: This _____ Agreement shall commence on the date this instrument is fully executed by all parties and shall expire after one (1) year(s), unless and until terminated pursuant to the terms and conditions herein.
- B. Prince William Water reserves the right to renew this _____ Agreement for four (4) additional one (1)-year periods under the same terms and conditions, contingent upon successful performance of the Contractor and subject to mutual agreement.

C. Prince William Water will notify the Contractor in writing ninety (90) Days prior to the expiration of the [] Agreement, or any extension thereof, of Prince William Water's intention. If Prince William Water elects to extend the Agreement, the Contractor shall immediately respond as to whether the contract extension is acceptable. Such extension shall be executed within thirty (30) Days of Prince William Water's original notice.

D. Price Adjustments Negotiated Based on Changes in Contractor's costs:

If Prince William Water elects to exercise the option to renew the contract for an additional one (1)-year period, the contract price(s) for the additional one (1) year shall not exceed the contract price(s) of the original contract increased by more than the percentage increase of the category of Washington-Arlington-Alexandria, DC-VA-MD-WV, all urban consumers, all items Section of the Consumer Price Index of the United States Bureau of Labor Statistics for the latest twelve (12) months for which statistics are available.

Price adjustments, as approved by Prince William Water, shall become effective on the anniversary (annual renewal) date of each contract year as agreed upon by both parties via a fully executed Contract Modification. The Contractor shall bill on new approved rates from the effective date onwards. Retroactive rate adjustments are not allowed under this Agreement.

Prince William Water reserves the right to unilaterally extend an existing contract to allow for continuation of work through completion, even if a new contract has not been placed into effect.

E. Availability of Prince William Water's Personnel

Upon a reasonable request, Prince William Water will make its personnel, including appropriate professional personnel, administrative personnel and other employees, available for consultation in order to perform its obligations under the Contract.

3.4 Stop-Work / Suspension of Work

A. Prince William Water may, at its sole option, decide to suspend or stop the Contractor's performance of the services required under the contract. When, and if such action is considered, Prince William Water shall notify the Contractor of its decision in writing. The order shall be specifically identified as a stop-work order under this Section. Upon receipt of the stop-work order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the stop-work order during the period of suspension.

B. Upon receipt of any such notice, and unless the stop-work notice directs otherwise, the Contractor shall:

1. Immediately discontinue performing any services on the date and to the extent specified in the stop-work order;

2. Place no further orders, contracts or subcontracts for material, services, or facilities with respect to suspended work other than to the extent required in the stop-work notice;
 3. Promptly make every reasonable effort to obtain suspension upon terms satisfactory to Prince William Water, of all orders, subcontracts, and rental agreements to the extent they relate to performance of work suspended; and
 4. Continue to protect and maintain the work including those portions on which performance has been suspended.
- C. As full compensation for such suspension, the Contractor shall be reimbursed for the following documented costs, reasonably incurred, without duplication of any item, to the extent that such costs directly result from such suspension of performance:
1. All reasonable costs associated with the mobilization and demobilization of the Contractor's workforce and equipment;
 2. An equitable amount to reimburse the Contractor for the cost of maintaining and protecting that portion of the work that has been suspended;
- D. If, as a result of any such suspension, the cost to the Contractor of subsequently performing the service is increased or decreased, Prince William Water may consider making an equitable adjustment in accordance with Section 4.23 Disputes and Claims.
- E. The Contractor may suspend the Work or terminate the [REDACTED] Agreement for Prince William Water's delay in payment, other than payments in dispute, beyond sixty (60) Days.
- F. Prince William Water shall notify the Contractor in writing when the stop work has been lifted. Prince William Water shall provide in writing an effective date to resume work.

3.5 Access (Equipment)

Prince William Water agrees to permit the Contractor's authorized personnel access to Prince William Water's [specify] equipment at such times and for such purposes as reasonably necessary to permit the Contractor to perform its obligations under the Contract.

3.6 Access (Facilities)

Prince William Water agrees to permit the Contractor's authorized personnel access to Prince William Water's [specify] facility / facilities at such times and for such purposes as reasonably necessary to permit the Contractor to perform its obligations under the Contractor.

3.7 Method of Ordering/Allocation of Work

Should Prince William Water elect to make an award to multiple firms, authorized Prince William Water staff will allocate the work by requesting proposals from each awardee based upon the prices

specified in the Contract. The award of the work will be made to the firm who has submitted the lowest proposal cost to perform the work, within the timeframe requested by Prince William Water staff. No work shall be performed without an authorized Purchase Order.

Cost Proposals: Prior to the commencement of work, Prince William Water Contracting Officer Representative will request cost proposal(s) from the contractor(s) with a statement of work required, an outline specification of essential materials, and sketches and drawings, if available.

- A. The Contractor(s) shall inspect each project site, ascertain the conditions, and work requirements within three (3) working days after receipt of a cost proposal request.
- B. Within ten (10) working days of visiting the site, the Contractors shall provide a detailed, written cost proposal in the form of a not-to-exceed amount based on the contract rates to include time, labor, materials, equipment, subcontractors and any expenses necessary to complete the Work. Depending on the nature of the work, Prince William Water Project Manager will determine which of the following the Contractor must submit:
 1. Unit price cost proposal (when the quantity of labor and materials needed for the Work is not well defined) or
 2. Lump sum cost proposal (when the quantity of labor and materials needed for the Work is well identified)

Any exceeding hours beyond the not-to exceed cost estimate must be approved by Prince William Water prior to proceeding with the work.

The Cost Proposal shall accompany the Work Order/Authorization Request Form. (see attached)

- C. The detailed cost proposal shall contain the following:
 1. A clear and specific statement of the entire scope of work covered in the proposal with reference to the facility by name and/or address.
 2. A statement of the hourly rates for labor, materials and/or rental equipment costs for each of the elements of the statement of work in accordance with terms and conditions delineated in the Contract.
 3. The number and type of employees required and estimated completion date for all required work in accordance with terms and conditions delineated in the Contract.
 4. A list of proposed subcontractors.
 5. A signed statement confirming that the Contractor has visited the work site prior to preparing the estimate and is thoroughly familiar with the site and the scope of work required.

- D. Should the Contractor require materials, rental equipment (such as forklifts, aerial lifts) and/or subcontractors not identified in their original proposal to complete the work, compensation for such items is based on actual cost with an administrative fee equal to the percentage shown in the Special Terms and Conditions, Section 3.1 Contract Prices. Prince William Water Contracting Officer Representative shall approve the cost of such items.
- E. Costs incurred for material acquisition, handling, delivery and movement of Contractor-owned or rental equipment; inspections; estimates and administrative duties are overhead. The Contractor must include these costs in the hourly labor rates listed on the Pricing Schedule.
- F. Prior to acceptance of the cost proposal and issuance of a Prince William Water Purchase Order, Prince William Water Contracting Officer Representative and the Contractor shall mutually agree upon a start and completion date for each particular Work Order. The agreed upon dates shall be included on the purchase order. In accepting a Prince William Water purchase order, the Contractor certifies it has access to the labor, supplies, materials, and equipment necessary to complete the Work by the completion date.
- G. The Contractor must sign all proposals.
- H. It is the responsibility of the Contractor to ensure he/she has all the information necessary to prepare the estimate.
- I. The End-User selects the cost proposal from the lowest priced Contractor. However, the SA reserves the right to award the Work Order to a more responsive Contractor when time is of the essence.

If the proposal is satisfactory, Prince William Water will notify the Contractor. The Contractor shall only perform work upon Prince William Water's written authorization by the issuance of a Purchase Order or Notice to Proceed. Upon authorization, actual work shall not exceed the Contractor's estimate. If Prince William Water deems the proposal unsatisfactory for any reason, Prince William Water reserves the right to negotiate all unsatisfactory components and to require the Contractor to submit a revised proposal for consideration. **Prince William Water reserves the right to reject the Contractor's proposal with or without cause.**

3.8 Not Used.

3.9 Contractor's Personnel

The presence or duties of the Contractor's personnel at a work site, whether as onsite representatives or otherwise, do not make the Contractor or the Contractor's personnel in any way responsible for those duties that belong to Prince William Water and/or the construction contractors or other entities, and do not relieve the construction contractors or any other entity of their obligations, duties, and responsibilities, including, but not limited to, all construction methods, means, techniques, sequences, and procedures necessary for coordinating and completing all portions of the construction work in accordance with the Contract Documents and any health and safety precautions required by such construction work.

The Contractor and the Contractor's personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the construction contractor(s) or other entity or any other persons at the site except the Contractor's own personnel.

3.10 Delivery

- A. Any delivery resulting from an award from the solicitation shall be made during the normal working hours of Prince William Water. Time is of the essence and the delivery shall be made in accordance with the specified delivery schedules or as soon as possible after receipt of the purchase order, contract or procurement card order.
- B. If you are awarded a contract from the solicitation process and you fail to deliver or perform on or before the required date, Prince William Water reserves the right to CANCEL the purchase order or contract and make the purchase elsewhere, and you may be required to compensate Prince William Water for any difference in price paid for the product or service and any damages sustained by Prince William Water.
- C. You are solely responsible for making any and all claims against carriers for missing or damaged items. Prince William Water will assist with your claims as required. Partial shipments are not acceptable unless otherwise stated in the purchase order or other Contract Document.

3.11 Environmental Violations

For all contracts and subcontracts in excess of \$200,000.00, the Contractor shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 USC 1857(h)), Section 508 of the Clean Water Act (33 USC 1368), Executive Order 11378, and Environmental Protection Agency regulations (40 CFR, Part 15), which prohibit the use under nonexempt Federal contracts, grants, or loans, of facilities included on the EPA List for Violating Facilities.

3.12 Final Inspection

At the conclusion of the work, the Contractor shall demonstrate to the authorized Prince William Water representative that the work is fully operational and in compliance with contract specifications. Any deficiencies shall be promptly and permanently corrected by the Contractor at the Contractor's sole expense prior to final acceptance of the work.

3.13 Guarantee of Work

The Contractor shall guarantee all workmanship and materials to be free from defects, rust and/or peeling for a period of one (1) year from the date of final acceptance. Upon notification, the Contractor shall, within five (5) working days, correct such defects and/or deficiencies at his own expense. Final acceptance does not relieve the Contractor from responsibility from latent defects or deficiencies.

3.14 Intellectual Property Indemnity

- A. The Contractor warrants that products and/or services sold to Prince William Water by the Contractor and the use thereof do not infringe or violate any patent, copyright, trademark, mask work, trade secret, or any intellectual property of a third party. The Contractor shall indemnify, defend, settle on behalf of, and hold harmless Prince William Water from and against any and all demands, claims, proceedings, actions, losses, damages, liabilities, costs, and expenses (including reasonable attorneys' fees, other expenses for investigation, handling, and litigation, and settlement or judgment amount) asserted against or incurred by Prince William Water, by reason of, resulting from, or arising in connection with any breach of this Section.
- B. Prince William Water shall promptly notify the Contractor of any claim regarding indemnification and give information and assistance reasonably requested by the Contractor and the Contractor is given sole authority to defend or settle such claim. If a court or a settlement enjoins the use of such products and/or services, the Contractor shall, at its own expense and at Prince William Water's option, obtain for Prince William Water either the right to continue using such products and/or services, replace same with a non-infringing product and/or service, modify same so it becomes non-infringing, or refund the value of such products and/or services and accept return for same.
- C. The Contractor shall have no liability to Prince William Water with respect to any infringement of patent, copyright, trademark, or other intellectual property rights, resulting from the Contractor's compliance with Prince William Water's proprietary design, specification, or instructions, from Prince William Water's modification of such product without disclosure to the Contractor, or Prince William Water's use of such product with any product and/or service not supplied by the Contractor (except as specified by the Contractor).

3.15 Performance and Payment Bonds for Projects Over \$500,000.00 if applicable

Upon receiving Notice of Acceptance of a Cost Proposal from Prince William Water for a particular project exceeding \$500,000.00, the Contractor shall, within ten (10) Days, furnish to Prince William Water the following required bonds. Notice to Proceed will not be given until all required bonds are received, reviewed, and accepted by Prince William Water.

- A. A Performance Bond in the sum of the project amount conditioned upon the faithful performance of the contract in strict conformity with the applicable plans, specifications, and conditions of the contract.
- B. A Payment Bond in the sum of the project amount. Such bond shall be for the protection of claimants who have and fulfill contracts to supply labor or materials to the prime Contractor to whom the contract was awarded, or to any Subcontractors, in the prosecution of the Work provided for in such contract, and shall be conditioned upon the prompt payment of all such materials furnished or labor supplied or performed in the prosecution of the Work. "Labor or Materials" shall include public utility services and reasonable rental

of equipment, but only for period when the equipment rented is actually used at the job site.

- C. Each of such bonds shall be executed by one (1) or more surety companies, selected by the Contractor, which are legally authorized to do business in the Commonwealth of Virginia.

3.16 Rider Clause

The Contract may be extended, with the authorization of the Contractor, to other public bodies, public agencies, or institutions of the United States to permit their use of the Contract at the same prices and/or discounts and terms and conditions of the Contract. The Contractor shall deal directly with public bodies utilizing the Contract concerning issuance of purchase orders, contractual disputes, invoicing and payment. Prince William Water acts only as the “Contracting Agent” for these public bodies.

It is the Contractor’s responsibility to notify public bodies of the availability of the Contract. Other public bodies desiring to use the Contract shall make their own legal determination as to whether the use of the Contract is inconsistent with their laws, regulations, and other policies. Other public bodies if mutually agreed may add terms and conditions required by their statute, ordinances, and regulations, to the extent that they do not conflict with the Contract’s terms and conditions.

Prince William Water shall not be held liable for any costs or damages incurred by other public bodies as a result of any contract extended to other public bodies by the Contractor.

3.17 Subcontracts

No portion of the work shall be subcontracted without prior written consent of Prince William Water. All Bidders shall include with their bid submission the attached **Form B - Subcontractor Reference Form** listing all proposed Subcontractors to be utilized under this resulting contract. Prince William Water reserves the right to reject the Contractor’s selection of Subcontractors if it is deemed to be in the best interest of Prince William Water to do so. If a Subcontractor is rejected, the Contractor may replace that Subcontractor with another Subcontractor subject to the approval of Prince William Water. Any such replacement shall be at no additional expense to Prince William Water, nor shall it result in an extension of time without Prince William Water’s approval.

SECTION 4 GENERAL PROVISIONS

4.1 Independent Contractor

- A. The Contractor shall be acting as an independent Contractor and will not be considered or deemed to be an agent, employee, joint venture, or partner of Prince William Water. The Contractor will have no authority to contract for or bind Prince William Water in any manner and shall not represent itself as an agent of Prince William Water or as otherwise authorized to act for or on behalf of Prince William Water.
- B. Personnel policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies and other similar administrative procedures applicable to

services rendered under this [REDACTED] Agreement shall be those of the Contractor.

- C. The Contractor warrants that they have not employed or retained any company or person, other than a bona fide employee working solely for them to solicit or secure a contract / agreement with Prince William Water and that they have not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the Contractor any fee, commission, percentage, gift, or other consideration contingent upon or resulting from this Agreement. In the event the Contractor violates this provision, Prince William Water shall have the right to terminate this [REDACTED] Agreement, without liability, and at its sole discretion, to deduct from the contract price, or otherwise recover the full amount of such fee, commission, percentage, gift or consideration.
- D. Prince William Water may require, in writing, that the Contractor remove from the work site any employee Prince William Water deems incompetent, careless, or otherwise objectionable.
- E. The Contractor will not require any employee to work in unsanitary, hazardous, or dangerous surroundings or working conditions. The Contractor shall supervise the work force to ensure that all workers conduct themselves and perform their work in a safe and professional manner.
- F. Immigration Reform and Control Act of 1986. The Contractor certifies to Prince William Water that they do not and will not during the performance of the Contract employ illegal alien workers or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986.

4.2 No Assignment of Contract

- A. The Contractor shall not assign, transfer, convey, sublet, or otherwise dispose of any award or of any of its rights, title, or interests therein, without the prior written consent of Prince William Water's Procurement Manager. All assignments of rights are prohibited whether they are voluntary or involuntary, by merger, consolidation, dissolution, operation of law, or any other manner. For purposes of this Section:
 - 1. a “change of control” is deemed an assignment of rights; and,
 - 2. “merger” refers to any merger in which a party participates, regardless of whether it is the surviving or disappearing corporation.
- B. Consequences of Purported Assignment or Delegation. Any purported assignment of rights or delegation of performance in violation of this Section will be void.

4.3 Governing Law and Choice of Forum

This Contract is binding upon the assigns and successors of each party. Except to the extent Federal law is applicable, the interpretation, effect, and validity of this Contract is governed by the laws of the Commonwealth of Virginia.

4.4 Permits, Licenses, Certificates, and Taxes

- A. The Contractor shall be solely responsible for complying with any applicable Federal, State and Municipal laws, codes and regulations that may be required.
- B. Prince William Water reserves the right to require documentation that Contractor is abiding by the ordinances, regulation, and laws of their community and the Commonwealth of Virginia.
- C. If Contractor is required by any regulatory agency to maintain professional license or certification to provide any product and/or service solicited under this agreement, Prince William Water reserves the right to require documentation of the current license and/or certification at any time during the contract period.
- D. Failure to keep required license and/or certification current and in force for the term of the contract and any extension, will result in the Contractor being deemed in breach of contract and Prince William Water may take any appropriate actions.
- E. Prince William Water is exempt from state sales tax. A Commonwealth of Virginia Sales and Use Tax Certificate of Exemption will be provided upon request.

4.5 Legal Fees (NOT USED)

4.6 Contractor Must Be Authorized To Transact Business In The Commonwealth

- A. In accordance with the Virginia Public Procurement Act (VPPA) § 2.2-4311.2 a Contractor organized as a stock or non-stock corporation, limited liability company, business trust, or limited partnership or registered as a registered limited liability partnership shall be authorized to transact business in the Commonwealth as a domestic or foreign business entity if so required by Code of Virginia Title 13.1 or Title 50 or as otherwise required by law.
- B. The Contractor shall not allow its existence to lapse or its certificate of authority or registration to transact business in the Commonwealth, if so, required under Title 13.1 or Title 50, or to be revoked or cancelled at any time during the term of the Contract.
- C. Prince William Water may void any contract with a business entity if the business entity fails to remain in compliance with the provisions of this Section.

4.7 Indemnification and Hold Harmless

- A. To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless Prince William Water, its officials and employees from and against third party liability,

suits, actions, damages, costs, losses and expenses, including but not limited to reasonable attorneys' fees, expert witness costs and all other reasonable costs and expenses incurred in preparing, negotiating, or prosecuting through trial and appeal any claim, demands and claims for personal injury, bodily injury, sickness, diseases or death or damage or destruction of tangible property or loss of use resulting there-from, to the proportionate extent caused by, misconduct or negligent acts, errors or omissions of the Contractor, its officials, agents, employees or Subcontractors in the performance of Work under this [REDACTED] Agreement.

- B. Prince William Water has agreed in this [REDACTED] Agreement to require all designers and contractors covered from the [REDACTED] Agreement, to indemnify and hold Contractor harmless to the same extent that the designer or Contractor is obligated to indemnify and hold Prince William Water harmless and also require the designer or contractor to add Contractor as an additional insured on the designer's or contractor's Commercial General Liability and Auto Liability insurance policies applicable to the Work.
- C. The Contractor acknowledges that specific consideration has been paid or will be paid under this Agreement for this hold harmless and indemnification provision, and further agrees with the foregoing provisions of indemnity and also agrees with the collateral obligation of insuring said indemnity as set forth in 4.35, Insurance.
- D. The provisions of this Section shall survive termination, cancellation and expiration of the [REDACTED] Agreement.

4.8 Disclaimer of Liability

As a political subdivision of the Commonwealth of Virginia, Prince William Water cannot hold harmless or indemnify any Contractor for any liability whatsoever.

4.9 Nondiscrimination of Contractors

Prince William Water will not discriminate against any Contractor because of race, religion, color, sex, national origin, age, disability, faith-based organizational status, or any other basis prohibited by state law relating to discrimination in employment or because the Contractor employs ex-offenders, unless Prince William Water has made a written determination that employing ex-offenders on the specific contract is not in its best interest. If this Contract is made with a faith-based organization and an individual who applies for or receives goods, services, or disbursements provided pursuant to the Contract objects to the religious character of the faith-based organization from which the individual receives or would receive the goods, services, or disbursements, the public body shall offer the individual, within a reasonable period of time after the date of his/her objection, access to equivalent goods, services, or disbursements from an alternative provider.

4.10 Anti-Discrimination

- A. The Contractor certifies to Prince William Water that it will conform to the provisions of the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment

Contracting Act of 1975, as amended, where applicable, the Virginians with Disabilities Act, the Americans with Disabilities Act and § 2.2-4311 of the VPPA.

- B. If the Contractor is a faith-based organization, the organization shall not discriminate against any recipient of goods, services, or disbursements made pursuant to the Contract on the basis of the recipient's religion, religious belief, refusal to participate in a religious practice, or on the basis of race, age, color, gender or national origin and shall be subject to the same rules as other organizations that contract with public bodies to account for the use of the funds, provided however, if the faith-based organization segregates public funds into separate accounts, only the accounts and programs funded with public funds shall be subject to audit by the public body. (§ 2.2-4343.1E of the VPPA).

In every contract over \$10,000 the provisions below apply.

During the performance of the Contract, the Contractor agrees as follows:

1. The Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state 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.
 2. The Contractor, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, will state that such Contractor is an equal opportunity employer.
 3. Notices, advertisements, and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements for this Section.
- C. The Contractor will include the provisions of subsection C above in every subcontract or purchase order over \$10,000, so that the provisions will be binding upon each Subcontractor or Vendor.

4.11 Ethics in Public Contracting

The Contractor hereby certifies that it has familiarized itself with Article 6 of Title 2.2 of the VPPA, Sections 2.2-4367 through 2.2-4377, VA Code An., and that all amounts received by it, pursuant to this procurement, are proper and in accordance therewith.

4.12 Drug-Free Workplace To Be Maintained By Contractor For Contracts Over \$10,000

The Contractor, during the performance of this Contract, agrees to:

- A. Provide a drug-free workplace for its employees.

- B. 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.
- C. State in all solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a drug-free workplace.
- D. Include the provisions of the foregoing clauses in every subcontract or purchase order over \$10,000.00, so that the provisions will be binding upon each Subcontractor or Contractor.

For the purpose of this Section, "drug-free workplace" means a site for the performance of Work done by the Contractor in accordance with this chapter, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession, or use of any controlled substance or marijuana during the performance of the Contract.

4.13 Terminations

A. Termination for Non-Allocation of Funds

- 1. If Prince William Water does not allocate funds for any succeeding fiscal year subsequent to the one in which a contract is entered into, then Prince William Water may terminate the Contract upon thirty (30) Days prior written notice to the Contractor.
Termination for Convenience of Prince William Water
- 2. Such termination for non-allocation of funds, in whole or in part, shall be effected by delivery of a Notice of Termination signed by Prince William Water General Manager or designee, mailed or delivered to the Contractor, and specifically setting forth the effective date and conditions of the termination.
- 3. Upon receipt of such Notice of Termination, the Contractor shall:
 - d) Cease any further deliveries or Work due under the Contract, on the date, and to the extent, which shall be specified in the Notice of Termination; and

Place no further orders with any Subcontractor except as may be necessary to perform that portion of the Contract not subject to the Notice of Termination; and

Terminate all subcontracts except those made with respect to contract performance not subject to the notice; or which Prince William Water elects to take assignment of; and

Settle all outstanding liabilities and claims which may arise out of such termination, with the ratification of Prince William Water's Procurement Manager; and

Use all reasonable efforts to mitigate any damages which may be sustained by it as a consequence of termination, in whole or in part, under this clause.

4. After complying with the foregoing provisions, the Contractor shall submit a termination claim within six (6) months after the effective date of its termination, in whole or in part, unless an extension is granted by Prince William Water's Procurement Manager.
5. In the event of termination, in whole or in part, under this Section 4.13.A, Prince William Water shall be responsible to pay the Contractor only for terminated work performed through the date of termination. This payment shall not include any interest, anticipated profit or lost opportunity costs of the Contractor .
6. In the event that the Contractor is not satisfied with any payments which Prince William Water shall determine to be due under this clause, the Contractor may submit a claim in accordance with the Disputes and Claims clause of the Contract.
7. The Contractor shall include similar provisions in any subcontract.

B. Termination by Mutual Consent:

1. During performance of the Contract, if Prince William Water and the Contractor mutually agree that it would be in the best interests of both parties to agree to terminate, in whole or in part, the Contract, then fair and reasonable considerations shall be negotiated, and the Contract deemed completed with respect to the portion terminated.
2. Such termination for mutual consent, in whole or in part, shall be effected by delivery of a Notice of Termination signed by Prince William Water General Manager or designee, mailed or delivered to the Contractor , and specifically setting forth the effective date and conditions of the termination, in whole or in part, as mutually agreed with the Contractor .
3. Upon receipt of such Notice of Termination, the Contractor shall:
 - a) Cease any further deliveries or Work due under the Contract, on the date, and to the extent, which shall be specified in the Notice of Termination; and
 - b) Place no further orders with any Subcontractor except as may be necessary to perform that portion of the Contract not subject to the Notice of Termination; and
 - c) Terminate all subcontracts except those made with respect to contract performance not subject to the notice or which Prince William Water elects to take assignment of; and

- d) Settle all outstanding liabilities and claims which may arise out of such termination, with the ratification of the Procurement Manager; and
 - e) Use all reasonable efforts to mitigate any damages which may be sustained by it as a consequence of termination, in whole or in part, under this clause.
4. After complying with the foregoing provisions, the Contractor shall submit a termination claim within six (6) months after the effective date of its termination, in whole or in part, unless an extension is granted by the Procurement Manager.
 5. In the event of termination, in whole or in part, under this Section 4.13.B, Prince William Water shall be responsible to pay the Contractor only for terminated work performed through the date of termination and other fair and reasonable compensation as agreed to by the parties. This payment shall not include any interest, anticipated profit or lost opportunity costs of the Contractor .
 6. In the event that the Contractor is not satisfied with any payments which Prince William Water shall determine to be due under this clause, the Contractor may submit a claim in accordance with the Disputes and Claims clause of the Contract.
 7. The Contractor shall include similar provisions in any subcontract.

C. Termination for Convenience of Prince William Water:

1. The [Contractor] and Prince William Water agree that Prince William Water has the sole right to terminate the Contract, or any Work or delivery required thereunder, for the convenience of Prince William Water, from time to time either in whole or in part, whenever the General Manager of Prince William Water or his designee shall determine that such termination is in the best interests of Prince William Water.
2. Such termination for convenience, in whole or in part, shall be effected by delivery of a Notice of Termination signed by Prince William Water General Manager or designee, mailed or delivered to the [Contractor], and specifically setting forth the effective date and conditions of the termination.
3. Upon receipt of such Notice of Termination, the [Contractor] shall:
 - a) Cease any further deliveries or Work due under the Contract, on the date, and to the extent, which shall be specified in the Notice of Termination; and
 - b) Place no further orders with any [Subcontractor] except as may be necessary to perform that portion of the Contract not subject to the Notice of Termination; and

- c) Terminate all subcontracts except those made with respect to contract performance not subject to the notice or which Prince William Water elects to take assignment of; and
 - d) Settle all outstanding liabilities and claims which may arise out of such termination, with the ratification of the Procurement Manager; and
 - e) Use all reasonable efforts to mitigate any damages which may be sustained by it as a consequence of termination, in whole or in part, under this clause.
4. After complying with the foregoing provisions, the Contractor shall submit a termination claim within six (6) months after the effective date of its termination, in whole or in part, unless an extension is granted by the Procurement Manager.
 5. In the event of termination, in whole or in part, under this Section 4.13.C, Prince William Water shall be responsible to pay the Contractor for terminated work performed through the date of termination plus all reasonable verifiable costs of termination, including the cost of settling and paying any reasonable claims as provided in this Section, but in no event shall this amount be greater than the original contract price, reduced by any payments made prior to Notice of Termination and further reduced by the price of the supplies not delivered, or the services not provided and any amounts remaining but related to any part of the Contract that has not been terminated. The Contract shall be amended to reflect the amount to be paid, and the Contractor shall be paid the agreed amount. This payment shall not include any interest, anticipated profit or lost opportunity costs of the Contractor .
 6. In the event that the Contractor is not satisfied with any payments which Prince William Water shall determine to be due under this clause, the Contractor may submit a claim in accordance with the Disputes and Claims clause of the Contract.
 7. The Contractor shall include similar provisions in any subcontract and shall specifically include a requirement that Subcontractor(s) make all reasonable efforts to mitigate damages which may be suffered. Failure to include such provisions shall bar the Contractor from any recovery from Prince William Water whatsoever of loss or damage sustained by a Subcontractor (s) as a consequence of termination, in whole or in part, for convenience.

D. Termination for Contractor 's Default:

1. Each term and condition of this Contract, is material and any breach or default by the Contractor in the performance of any such term and condition shall be considered a material breach or default of the entire Contract for which Prince William Water shall have the right to terminate, in whole or in part, the Contract for default as set forth in this Section 4.13.D, without penalty or liability.

2. In addition, any of the following shall constitute a default for which Prince William Water shall have the right to terminate the Contract for default in whole or in part, as set forth in this Section 4.13.D, without penalty or liability:
 - a. Contractor failure to make prompt payment to Subcontractor or Suppliers pursuant to the Contract requirements, including but not limited to any applicable provisions of the VPPA, Va. Code Ann. Section 2.2-4300 et seq.
 - b. The Contractor is dissolved, becomes insolvent, generally fails to pay or admits in writing its inability generally to pay its debts as they become due.
 - c. The Contractor makes a general assignment, arrangement or composition agreement with or for the benefit of its creditors or makes, or sends notice of any intended, bulk sale; the sale, assignment, transfer or delivery of all or substantially all of the assets of Contractor to a third party; or the cessation by Borrower as a going business concern.
 - d. The Contractor files a petition in bankruptcy or institutes any action under federal or state law for the relief of debtors or seeks or consents to the appointment of an administrator, receiver, custodian or similar official for the wind up of its business (or has such a petition or action filed against it and such petition action or appointment is not dismissed or stayed within 45 Days).
 - e. The reorganization, merger, consolidation, liquidation, suspension of business operations or dissolution of the Contractor (or the making of any agreement therefor).
3. In the event of a default by the Contractor, Prince William Water may provide seven (7) calendar Days written notice to the Contractor of the event of default. The Contractor shall diligently commence to cure the default within such seven (7) calendar Days, or if it fails to do so, the Contract shall be deemed terminated, in whole or in part as specified in the written notice, as of the end of such seven (7) calendar Days.
4. Upon the effective date of the termination, the Contractor shall:
 - a) Cease any further deliveries or Work due under the Contract, on the date, and to the extent, which shall be specified in the Notice of Termination; and
 - b) Place no further orders with any Subcontractor except as may be necessary to perform that portion of the Contract not subject to the Notice of Termination; and

- c) Terminate all subcontracts except those made with respect to contract performance not subject to the notice or which Prince William Water elects to take assignment of; and
 - d) Settle all outstanding liabilities and claims which may arise out of such termination, with the ratification of the Procurement Manager; and
 - e) Use all reasonable efforts to mitigate any damages which may be sustained by it as a consequence of termination, in whole or in part, under this clause.
5. After complying with the foregoing provisions, the Contractor shall submit a termination claim within six (6) months after the effective date of its termination, in whole or in part, unless an extension is granted by the Procurement Manager.
6. In the event of termination, in whole or in part, under this Section 4.13.D, Prince William Water shall be responsible to pay the Contractor for terminated work performed through the date of termination but in no event shall this amount be greater than the original contract price, reduced by any payments made prior to Notice of Termination and further reduced by the price of the supplies not delivered, or the services not provided, and further reduced by the costs of any damages incurred by Prince William Water as result of the Contractor's default and any amounts remaining but related to any part of the Contract that has not been terminated. The Contract shall be amended to reflect the amount to be paid, and the Contractor shall be paid the agreed amount. This payment shall not include any interest, anticipated profit or lost opportunity costs of the Contractor, or any costs incurred by the Contractor arising from the termination.
7. In the event that the Contractor is not satisfied with any payments which Prince William Water shall determine to be due under this clause, the Contractor may submit a claim in accordance with the Disputes and Claims clause of the Contract.
8. The Contractor shall include similar provisions in any subcontract.
9. In the event that the Contractor is terminated, in whole or in part, by Prince William Water for default and it is subsequently determined by a court of competent jurisdiction that such termination, in whole or in part, was without cause, such termination shall thereupon be deemed a termination for convenience under Section 4.13.D and the provisions in Section 4.13.D shall govern.
10. In the event that the Contractor has provided a performance bond in connection with this Contract, Prince William Water may elect to proceed under and in accordance with the default and termination provisions of the performance bond instead of this Section 4.13.D.

E. Termination for Prince William Water's Default:

1. If the Contractor at any time determines Prince William Water to be in material breach of this Agreement, the Contractor shall provide Prince William Water with seven (7) calendar Days written notice of the event of default. Prince William Water shall diligently commence to cure the default within such seven (7) calendar Days, or if it fails to do so, the Contract shall be deemed terminated as of the end of such seven (7) calendar Days.
2. Upon the effectiveness of such termination, the Contractor shall:
 - a) Cease any further deliveries or Work due under the Contract, on the date, and to the extent, which shall be specified in the Notice of Termination; and
 - b) Place no further orders with any Subcontractor except as may be necessary to perform that portion of the Contract not subject to the Notice of Termination; and
 - c) Terminate all subcontracts except those made with respect to contract performance not subject to the notice or which Prince William Water elects to take assignment of; and
 - d) Settle all outstanding liabilities and claims which may arise out of such termination, with the ratification of the Procurement Manager; and
 - e) Use all reasonable efforts to mitigate any damages which may be sustained by it as a consequence of termination under this clause.
3. After complying with the foregoing provisions, the Contractor shall submit a termination claim within six (6) months after the effective date of its termination, unless an extension is granted by the Procurement Manager.
4. In the event of termination under this Section 4.13.E, Prince William Water shall be responsible to pay the Contractor for work performed through the date of termination plus all reasonable, verifiable costs of termination, including the cost of settling and paying any reasonable claims as provided in this Section, but in no event shall this amount be greater than the original contract price, reduced by any payments made prior to Notice of Termination and further reduced by the price of the supplies not delivered, or the services not provided. The Contract shall be amended to reflect the amount to be paid, and the Contractor shall be paid the agreed amount. This payment shall not include any interest, anticipated profit or lost opportunity costs of the Contractor.
5. In the event that the Contractor is not satisfied with any payments which Prince William Water shall determine to be due under this clause the Contractor may submit a claim in accordance with the Disputes and Claims clause of the Contract.

6. The Contractor shall include similar provisions in any subcontract and shall specifically include a requirement that Subcontractor (s) make all reasonable efforts to mitigate damages which may be suffered. Failure to include such provisions shall bar the Contractor from any recovery from Prince William Water whatsoever of loss or damage sustained by a Subcontractor (s) as a consequence of termination by the Contractor for Prince William Water's default.
7. These remedies for termination are the Contractor's sole and exclusive remedies for termination, and the Contractor hereby waives any right to other compensation or damages in the event of termination of the Contract.

4.14 Causes of Delay

- A. Neither party shall be considered in default in the performance of its obligations hereunder to the extent that the performance of any such obligation is actually delayed, hindered or prevented by any cause which is unanticipated and beyond the reasonable control of the party affected thereby. Causes of delay which, if unanticipated and reasonably beyond the control of the party claiming delay may include but are not limited to the following: war (declared or undeclared), fire, riot, storm, hurricane, earthquake, tornado, strike or labor dispute not involving the Contractor's labor force, epidemic or Phase 5 or higher pandemic (as defined by the World Health Organization), act of terrorism or sabotage or any law, proclamation order, regulation, or ordinance of any government agency or any court, or any other cause similar to those enumerated above.
- B. The party affected by any Causes of Delay shall give prompt written notice to the other party advising of the nature and extent of any Causes of Delay and advising of the effects of the Causes of Delay upon the completion and cost of the Work hereunder. The parties shall consult promptly with each other concerning the Causes of Delay and shall endeavor to agree upon mutually acceptable corrective action. In the event of a Causes of Delay which prohibits performance by the Contractor for more than sixty (60) Days, either party may terminate this [REDACTED] Agreement for convenience and shall have no further obligation hereunder. Contractor shall be entitled to request an adjustment to the project schedule as a result of any such delay.

4.15 Prime Contractor

- A. The Contractor shall act as the prime Contractor for all products, equipment, services, software, or supplies marketed by other suppliers and shall assume full responsibility for the procurement and maintenance of such items or services. The Contractor shall be considered the sole point of contact with regard to all stipulations, including payment of all charges and meeting all requirements of this Contract.
- B. The Contractor shall include the full name, address, and telephone number of every company bearing an interest in the proposed equipment or services. All Subcontractors will be subject to review by Prince William Water in regard to competency and security concerns. After the issuance of this Contract no change in Subcontractors will be made without the prior written consent of the Procurement Manager, or designee.

- C. The Contractor shall be responsible for all insurance, permits, licenses, etc., for any and all Subcontractors. Even if the Subcontractor is self-insured, Prince William Water will require the Contractor to provide the insurance certificates.

4.16 Payments to Subcontractors

- A. In the event that the Contractor utilizes a Subcontractor for any portion of the Work under this Contract, the Contractor shall take one (1) of the two (2) following actions within seven (7) Days after receipt of amounts paid to the Contractor by Prince William Water for work performed by a Subcontractor under the Contractor:
 - 1. Pay a Subcontractor for the proportionate share of the total payment received from Prince William Water attributable to the work performed by that Subcontractor under the Contractor; or
 - 2. Notify Prince William Water and any Subcontractors, in writing, of its intention to withhold all or a part of the Subcontractor's payment with the reason for nonpayment.
- B. Upon receiving a written notice from the Subcontractor, the Contractor shall pay interest to a Subcontractor on all monies owed by the Contractor that remain unpaid after seven (7) Days following receipt by the Contractor of payment from Prince William Water for work performed by a Subcontractor under this Contract, except for amounts withheld under subsection 4.16.A.2 of this Section. The Contractor's obligation to pay an interest charge to a Subcontractor pursuant to the provisions of this Section will not be construed to be an obligation by Prince William Water. A contract modification will not be made for the purpose of providing reimbursement for any such interest charge. A cost reimbursement claim will not include any amount for reimbursement for such interest charge.
- C. Unless otherwise provided under the terms of this Contract, interest shall accrue at the rate of 3.0 % per annum. The Contractor shall include in each of its subcontracts a provision requiring each Subcontractor to otherwise be subject to the same payment and interest requirements set forth in this Section with respect to each lower-tier Subcontractor.
- D. Any subcontract with a Subcontractor shall afford to the Contractor rights against the Subcontractor which correspond to those rights afforded to Prince William Water against the Contractor herein, including but not limited to those rights of termination as set forth herein.
- E. No reimbursement shall be made to the Contractor for any Subcontractors that have not been previously approved by Prince William Water for use by the Contractor.

4.17 Acceptance of Service

All deliverables shall bear the name of Contractor except for deliverables prepared by a Prince William Water authorized Subcontractor, which shall be properly identified as such and submitted by Contractor. Prince William Water shall determine the acceptability of all Deliverables.

4.18 Payment Terms

- A. Prince William Water will remit full payment on all undisputed invoices in accordance with the terms of this Contract.
- B. Prince William Water will pay interest at a rate of 3.0 % per annum on all undisputed invoices not paid within thirty (30) Days after acceptance of the service(s), AND a properly completed invoice.

4.19 Material and Workmanship

- A. The Contractor is solely responsible for the professional quality, technical accuracy, timely completion, and coordination of all the products and/or services furnished under this Contract. The Contractor shall, without additional considerations, correct or revise any errors, omissions, or other deficiencies in their services and/or products.
- B. All equipment, material, and articles that the Contractor may incorporate into the performance of the contractual requirements shall be new and of the most suitable grade for the purpose intended. The term “new” is defined as of original nature, unused, not previously owned, and free of any damages or defects. The use of such used equipment, materials and articles under this Contract is strictly prohibited.
- C. The Contractor shall be responsible for all Materials delivered and work performed until completion and acceptance of the entire Work, except for any completed unit of work which may have been accepted by Prince William Water.

4.20 Modifications or Changes to the Contract

- A. All modifications and changes to this Agreement shall be in writing.
- B. Prince William Water’s General Manager or his designee shall have the sole authority to order changes in this Agreement which affect the cost or time of performance. Such changes shall be ordered in writing specifically designated to be a “Change Order”.
- C. Change Orders shall be limited to reasonable alterations in the work to be performed, compensation or the time of performance.
- D. The Contractor shall not perform any work described in any Change Order unless it has received a signed Change Order and Purchase Order from Prince William Water.
- E. Once final payment has been requested and made, the Contractor only has sixty (60) Days to present or file any claims against Prince William Water concerning the Contract. After that period, Prince William Water shall consider that the Contractor has waived any right to claims against Prince William Water concerning the Contract.

4.21 Modifications to the Contract Due to Public Welfare, Change in Law or Ordinances

- A. Prince William Water shall have the power to make changes to this Contract as the result of changes in laws or Ordinances of the Commonwealth of Virginia and/or Prince William County to impose new rules and regulations on the Contractor under the Contract relative

to the scope and methods of providing services as shall from time-to-time be necessary and desirable for the public welfare.

- B. Prince William Water shall give the Contractor notice of any proposed change and an opportunity to be heard concerning those matters. The scope and method of providing services as referenced herein shall also be liberally construed to include, but is not limited to the manner, procedures, operations and obligations, financial or otherwise, of the Contractor.
- C. In the event any future change in Federal, Commonwealth of Virginia or Prince William County law or the Ordinances that materially alters the obligations of the Contractor, or the benefits to Prince William Water, then the Contract shall be amended consistent therewith.
- D. Should those amendments materially alter the obligations of the Contractor, then the Contractor or Prince William Water shall be entitled to an adjustment in the rates and charges established under the Contract. Nothing contained in the Contract shall require any party to perform any act or function contrary to law. Prince William Water and the Contractor agree to enter into good faith negotiations regarding modifications to the Contract which may be required in order to implement changes in the interest of the public welfare or due to change in law. When such modifications are made to the Contract, Prince William Water and the Contractor shall negotiate in good faith, a reasonable and appropriate compensation for any additional services or other obligations required of the Contractor directly and demonstrably due to any modification in the Contract under this Section.

4.22 Waiver of Claims

Once final payment has been requested and made, the Contractor only has sixty (60) calendar Days to present or file any claims against Prince William Water concerning the Contract. After that period, Prince William Water will consider that the Contractor has waived any right to claims against Prince William Water concerning the Contract.

4.23 Disputes and Claims

- A. If the Contractor wishes to make a contractual claim, whether for extra compensation, damages or any other relief, he shall give Prince William Water Administrative Contracting Officer (ACO) Notice in strict accordance with the Contract Documents. The Contractor's failure to comply strictly with the requirements of the Contract shall result in waiver of the claim. In any event, all contractual claims shall be submitted in writing no later than sixty (60) Days after final payment.
- B. 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 resolved exclusively by non-binding mediation if agreed to by both parties, or litigation in either the Circuit Court of Prince William County, Virginia or the United States District Court for the Eastern District of Virginia, Alexandria Division. These two courts shall have exclusive and binding jurisdiction and venue over any and all disputes

arising under this Agreement. The parties voluntarily waive any and all rights to a trial by jury. The fact finder shall be the court, sitting without a jury; provided, however, that nothing contained herein shall be construed to invalidate the finality of Prince William Water's decisions.

- C. No Claims Against Individuals: No claim whatsoever shall be made by the Contractor against any officer, Board Member, Authorized Representative, or employee of Prince William Water 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, attorney's fees and expenses incurred by any individual or entity who is sued in violation of this Section.
- D. 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. Claims Resolution Procedures

- i. In accordance with Section 2.2-4363, VA Code Ann., this provision shall be followed for consideration and handling of all claims by the Contractor under this Contract. Section 2.2-4365, VA Code Ann., is not applicable to this Contract, and under no circumstances is this paragraph to be construed as an administrative appeals procedure governed by Section 2.2-4365, VA Code Ann.
- ii. Notice of the intent to submit a claim setting forth the basis for any claim shall be submitted in writing within ten (10) Days after the occurrence of the event giving rise to the claim, or within ten (10) Days of discovering the condition giving rise to the claim, whichever is later.
- iii. Claims by the Contractor with respect to this Contract shall be submitted in writing in the first instance for consideration by the Administrative Contracting Officer (ACO).
- iv. The decision of the Administrative Contracting Officer (ACO) shall be rendered in writing within thirty (30) Days from the receipt of the claim from the Contractor.
- v. If the Contractor is not satisfied with the decision or resolution of the Administrative Contracting Officer (ACO), the Contractor may appeal the claim with Prince William Water's Deputy General Manager/ Chief Administrative Officer within thirty (30) Days of the Administrative Contracting Officer's decision.
- vi. Prince William Water Deputy General Manager/CAO's decision on the claim shall be rendered in writing to the Contractor within thirty (30) Days of receipt of the claim from the Contractor.

- vii. If the Contractor is not satisfied with the decision or resolution of the Deputy General Manager/CAO, the Contractor may appeal the claim to Prince William Water's General Manager within thirty (30) Days of the Deputy General Manager/CAO's decision. The Contractor may submit the appeal to Prince William Water General Manager by mailing or otherwise furnishing the Deputy General Manager/CAO a copy of the claim and a request for Prince William Water General Manager's determination.
- viii. Prince William Water General Manager's decision on the claim shall be rendered in writing to the Contractor within thirty (30) Days of receipt of the appeal from the Contractor and shall be final and binding on behalf of Prince William Water unless the Contractor files a lawsuit against Prince William Water.
- ix. Should any decision-maker designated under this procedure fail to make a decision within the time period specified, then the claim is deemed to have been denied by the decision-maker. Pending a final determination of a claim, the Contractor shall proceed diligently with the performance of the Work under the Contract.
- x. In accordance with the provisions of Section 2.2-4363, VA Code Ann., full compliance with this procedure set forth in the provision shall be a precondition to the filing of any lawsuit by the Contractor against Prince William Water Board of Directors of Prince William Water arising out of this Contract.

4.24 Compliance with Occupational Safety and Health (OSHA) Requirements

- A. All services, practices and items furnished shall comply with the Federal Occupational Safety and Health Act of 1970, as amended, as well as any pertinent Federal, Commonwealth of Virginia, and/or local safety or environmental codes. Lack of knowledge of these requirements will not relieve the Contractor of their responsibilities.
- B. Suppliers/providers including dealers, distributors, and/or manufacturers shall be responsible for having complied with all Federal, State, and local standards, regulations, and laws concerning the product or service specified, and the use thereof, applicable and effective on the date of manufacture or use or date in service including safety and environmental standards as apply to both private industry and governmental agencies.
- C. The Contractor certifies that all Materials and equipment used in the performance of and/or delivered under this Contract shall meet all applicable OSHA or Commonwealth of Virginia requirements. If any material or equipment is subsequently found to be non-compliant with any applicable OSHA or Commonwealth of Virginia requirement, all costs necessary to comply with the requirement shall be borne solely by the Contractor.

4.25 Records and Right to Audit

- A. Contractor shall maintain and require Subcontractors to maintain complete and correct records, books, documents, papers and accounts pertaining to the Work performed in connection with this [REDACTED] Agreement including without limitation,

reasonable substantiation of all incurred invoice costs pre-approved by Prince William Water.

- B. Such records, books, documents, papers and accounts shall be available at all reasonable times for examination and audit by Prince William Water or any authorized Prince William Water representative with reasonable notice and shall be kept for a period of three (3) years after the completion of each project to be performed pursuant to this [REDACTED] Agreement. Incomplete or incorrect entries in such records, books, documents, papers or accounts will be grounds for disallowance by or reimbursement to Prince William Water of any fees or expenses based upon such entries.
- C. Audit under this provision is to be according to conditions applicable, including, but not limited to, the Section entitled “Termination for Cause”, the Section entitled “Termination for Convenience”, and EXHIBIT D “Invoicing Procedures”, plus all other [REDACTED] Agreement provisions, including quantities billed, excepting that specified lump sum, fixed percentage, and unit prices are not subject to audit.
- D. Audit access to the Contractor’s records in lump sum or unit price areas when applicable shall be sufficient to satisfy Prince William Water that all quantities meet the specifications and terms under this [REDACTED] Agreement including verification of the Contractor’s payments to its suppliers and Subcontractors. The Contractor shall remit promptly to Prince William Water the amount of any adjustment resulting from audit.
- E. Refusal of the Contractor to comply with the provisions in this Section shall be grounds for immediate termination for cause by Prince William Water of this [REDACTED] Agreement.
- F. Records pertaining to Hourly Rates and Contractor’s personnel information shall be made available to Prince William Water to allow audit of the Work, provided that Prince William Water shall take all steps necessary to ensure such information is maintained as Confidential Information as defined herein.
- G. The provisions of this Section shall survive termination, cancellation, and expiration of this [REDACTED] Agreement.

4.26 Strikes or Lockouts

Prince William Water will not compensate the Contractor for any expense or delay caused to the Contractor by a strike, slowdown, lockout, or other concerted employee work interrupting activity by employees of the Contractor or Subcontractor except adjustment of the Contract time where warranted, which shall be solely at Prince William Water’s discretion.

4.27 Ownership of Documents/Deliverables

- A. All contracts and subcontracts for the preparation of reports, studies, plans, drawings, Specifications, or other data entered into by the Contractor for a project shall provide that all such documents, in electronic form, facsimile or hard-copy and the respective rights

obtained by virtue of such subcontracts shall be considered Work Product and become the property of Prince William Water.

- B. All finished or unfinished documents, including, but not limited to, detailed reports, studies, calculations, plans, Drawings, surveys, maps, models, photographs, Specifications, and all other data pertaining to or prepared for Prince William Water or furnished by the Contractor pursuant to this Agreement or any Work shall be and shall remain at all times, throughout the life of the Contract and thereafter, the property of Prince William Water, whether the project for which they are made is completed or not, and shall be delivered by the Contractor to Prince William Water within ten (10) calendar Days after receipt of written notice requesting delivery of said documents.
- C. The Contractor shall have the right to keep one (1) record set of the documents upon completion of the Work; however, in no event shall the Contractor use or permit to be used, any of the documents without Prince William Water's written authorization.
- D. Any reuse of such documents by Prince William Water without the written verification or adaptation by the Contractor for the specific purpose intended will be at Prince William Water's sole risk.
- E. At the conclusion of its Work and before final payment, or from time to time as may be required by Prince William Water, the Contractor shall release and deliver to Prince William Water any and all such originals, provided, however, that the Contractor may, with Prince William Water's approval, reproduce such originals for the purpose of the Contractor's record file of the Work. The Contractor shall not sell, copy, or reuse any Drawings in total or in part for any other project, except with the prior written permission of Prince William Water.
- F. Except as otherwise agreed and documented with respect to Prince William Water's Materials and Work Product or Works Made for Hire, Contractor shall retain all right, title and interest, including all Contractor Intellectual Property Rights, in and to the Contractor Material.
- G. Any of the Contractor's Intellectual Property incorporated into or delivered to Prince William Water as Work Product or Works Made for Hire shall be licensed to Prince William Water without additional cost for reasonable use in the course of its business.

4.28 Authorized Workforce Documentation (E-Verify)

Within five (5) Days from notice of award of the Contract, the Contractor may be required to submit to the Procurement Officer documentation that each employee, worker, and all Subcontractors or employees and workers are authorized to work within the United States. This documentation must include appropriate eligibility information from the U. S. Citizenship and Immigration Services E-Verify website.

4.29 Material Breach

If the Contractor at any time determines Prince William Water to be in material breach of this Agreement, the Contractor shall follow provisions outlined in Section 4.13.E.1.

4.30 Right to Require Performance

The failure of Prince William Water at any time to require performance by the Contractor of any provision of this Agreement shall in no way affect the right of Prince William Water thereafter to enforce same nor shall waiver by either Party of any breach of any provision hereof be taken or held to be a waiver of any succeeding breach of such provision or as a waiver of any provision itself.

4.31 Waiver

- A. No Oral Waivers. The parties may waive this Agreement only by writing executed by the party or parties against whom the waiver is sought to be enforced.
- B. Effect of Failure, Delay or Course of Dealing. No failure or delay in exercising any right or remedy, or in requiring the satisfaction of any condition, under this Agreement, and no act, omission, or course of dealing between the parties operates as a waiver or stopped of any right, remedy or condition.
- C. Each Waiver for a Specific Purpose. A waiver made in writing on one occasion is effective only in that instance and only for the purpose stated. A waiver once given is not to be construed as a waiver on any future occasion or against any other person.

4.32 Prince William Water's Responsibilities

- A. Assist the Contractor by placing at its disposal all reasonably available information as may be requested in writing by the Contractor and allow reasonable access to all pertinent information relating to the services to be performed by the Contractor. Contractor shall use and rely on such information for informational purposes only and shall carefully review, analyze, and verify the contents and suitability of the information before proceeding with the Work.
- B. Furnish to the Contractor, at the Contractor's request, all existing studies, reports and other reasonably available data pertinent to the services to be provided by the Contractor.
- C. Arrange for access to and make all reasonable provisions for the Contractor to enter upon Prince William Water's public property as required for the Contractor to perform services.
- D. In the event that Contractor believes Prince William Water is not reasonably complying with the requirements of the Sections above, Contractor shall immediately provide written notice of such non-compliance to Prince William Water.
- E. Prince William Water reserves the right to use either directly, or through assignment to another entity, any Subcontractor of the Contractor to perform work outside of this

Agreement, as required and as deemed appropriate by Prince William Water.

4.33 Avoidance of Conflicts of Interest

- A. The Contractor agrees not to accept employment during the time this Agreement is in effect which might be construed as a conflict of interest with the Contractor's Work for Prince William Water. The Contractor shall conscientiously avoid a conflict of interest with regard to work for Prince William Water, but when unavoidable, the Contractor shall take the following action:
 - 1. Disclose in writing to Prince William Water the full circumstances as to possible conflict of interest;
 - 2. Assure in writing that the conflict will in no manner influence its judgment or the quality of its services to Prince William Water; and
 - 3. Decline to accept financial or other forms of compensation from more than one employer or client for services on the same project or services pertaining to the same project without the prior written consent of Prince William Water.
- B. The Contractor shall promptly inform Prince William Water of any business associations, interest or circumstances which may be influencing its judgment or the quality of its services to Prince William Water.
- C. The Contractor shall not solicit or accept financial or other valuable considerations from material or equipment suppliers for specifying their products.
- D. The Contractor shall not solicit or accept gratuities directly or indirectly from contractors, their agents or other parties dealing with Prince William Water in connection with Work for which they are responsible.
- E. The Contractor and its employees shall be bound by the provisions of Prince William Water Code of Ethics provided in Prince William Water's Procurement and Contract Management Regulations, as may be amended from time to time, which standards shall by this reference be made a part of this Agreement as though set forth in full.
- F. The Contractor agrees to incorporate the provisions of this Section into any subcontract.

4.34 Insurance

- A. The Contractor shall maintain insurance in the amounts and forms set forth below and shall provide a Certificate of Insurance to Prince William Water.
- B. The Contractor shall comply with the insurance requirements set forth in Section 4.35 below.

- C. The Contractor shall be responsible for its work and every part thereof, and for all materials, equipment, and property of any and all description used in connection therewith.
- D. The Contractor assumes all risks of direct and indirect damage or injury to any person or property wherever located, resulting from Contractor's action, omission, commission, or operation of the Contractor under this [REDACTED] Agreement, or in connection in any way whatsoever with the contracted work.

4.35 Insurance Limits of Liability

A Certificate of Insurance with limits as specified in EXHIBIT C shall be required at the time of award. The limits of liability for the insurance required shall provide coverage for not less than the amounts shown in EXHIBIT C or greater where required by law.

4.36 Additional Insurance Terms and Conditions

- A. Liability insurance may be arranged by general liability and automobile liability policies for the full limits required, or by a combination of underlying liability policies for lesser limits with the remaining limits provided by an excess or umbrella liability policy.
- B. The Contractor shall provide insurance issued by companies admitted or authorized to do business within the Commonwealth of Virginia, with the Best's Key Rating of at least A:VII.
- C. The Contractor shall provide an original, signed certificate of insurance, evidencing such insurance and such endorsements as prescribed herein, and shall have it filed with Prince William Water's Procurement Department before any work is started.
- D. The Contractor shall obtain and retain copies of insurance policies of its Subcontractors, which Contractor shall make available to Prince William Water on demand. The Contractor may redact certain confidential information, provided such redaction will not impact Prince William Water's ability to understand the insurance coverage terms. The Contractor shall remain responsible under this Agreement for acts and omissions of its Subcontractors. The Contractor shall ensure the same terms and conditions are conveyed to all Subcontractors, to include all insurance requirements and limits described in this [REDACTED] Agreement.
- E. In the event of a claim the Contractor will provide on demand, copies of all insurance coverage on behalf of this [REDACTED] Agreement within ten (10) Days of demand by Prince William Water. These copies will be sent to Prince William Water from the Contractor's insurance agent or representative. The Contractor may redact certain provisions that it deems to contain confidential information, provided such redaction will not impact Prince William Water's ability to understand the coverage terms.
- F. The Contractor shall furnish a new certificate prior to any expiration or cancellation date. The failure of the Contractor to deliver a new and valid certificate will result in suspension of all payments until the new certificate is furnished to Prince William Water's Procurement Department.

- G. Insurance coverage required in these specifications shall be in force throughout the contract term. Should the Contractor fail to provide acceptable evidence of current insurance within thirty (30) Days of written notice at time during the contract term, Prince William Water shall have the absolute right to terminate this [REDACTED] Agreement without any further obligation to the Contractor, and the Contractor shall be liable to Prince William Water for the entire additional cost of procuring the incomplete portion of this [REDACTED] Agreement at time of termination.
- H. Compliance by the Contractor and all Subcontractors with the foregoing requirements as to carrying insurance shall not relieve the Contractor and all Subcontractors of their liabilities and obligations under this Section or under any other Section or provisions of this [REDACTED] Agreement.
- I. Contractual and other liability insurance provided under this [REDACTED] Agreement shall not contain a supervision, inspection, or services exclusion that would preclude Prince William Water from supervising and/or inspecting the project as to the end result. The Contractor shall assume all on-the-job responsibilities as to the control of persons directly employed by it and of the Subcontractors and any person employed by the Subcontractor.
- J. Nothing contained herein shall be construed as creating any contractual relationship between any Subcontractor and Prince William Water. The Contractor shall be as fully responsible to Prince William Water for the acts and omissions of its Subcontractor and of person employed by them as it is for acts and omissions of persons directly employed by it.
- K. Precaution shall be exercised at all times for the protection of persons (including employees) and property.
- L. The Contractor and all Subcontractors shall comply with the Occupational Safety and Health Act of 1970, Public Law 91-956, as it may apply to this [REDACTED] Agreement.
- M. If the Contractor does not meet the specifications of these insurance requirements, alternate insurance coverage, satisfactory to Prince William Water's Procurement Department, may be considered.
- N. The provisions of this Section shall survive termination, cancellation, and expiration of this [REDACTED] Agreement.

4.37 Representative of Prince William Water and Contractor

- A. Prince William Water Administrative Contracting Officer (ACO) designates Prince William Water's Contracting Officer Representative, as the person to whom all communications pertaining to the Day-to-Day conduct of this [REDACTED] Agreement shall be addressed.

- B. The Contractor appoints the Contractor Project Manager, as specified in this Agreement, as the Contractor's Representative to whom all communications pertaining to the Day-to-Day action of this [] Agreement shall be addressed.

4.38 All Prior Agreements Superseded

This document incorporates and includes all prior negotiations, correspondence, conversations, agreements or understandings applicable to the matters contained in this [] Agreement and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this [] Agreement that are not contained in this document. Accordingly, it is agreed that no deviation from the terms of the [] Agreement shall be predicated upon any prior representations or agreements whether oral or written.

4.39 Contractor's Responsibilities

- A. The Contractor shall comply with all laws, ordinances and governmental rules, regulations, and orders now or at any time during the term of this [] Agreement which as a matter of law are applicable to or which affect the procedures of the Contractor.
- B. The obligation of the Contractor to comply with governmental requirements is provided for the purpose of assuring proper safeguards for the protection of person and property.
- C. The Contractor shall employ fully qualified, skilled, and properly trained personnel capable of performing the required Work as identified herein. The Contractor is responsible for the conduct of all personnel, including Subcontractors, while on the jobsite. The Contractor is responsible for the actions and interactions of its employees and Subcontractors with Prince William Water staff, its customers, suppliers, and Contractors. The Contractor shall ensure that its employees and Subcontractors behave professionally and consistent with Prince William Water's vision and values in all Work performed on its behalf. Prince William Water reserves the right to reject Contractor's personnel that Prince William Water determines, in its sole discretion, to be unqualified to perform the Work or for improper behavior during Work performance. Prince William Water further reserves the right to request that Contractor replace any worker deemed unsuitable by Prince William Water.
- D. The Contractor shall exercise the same degree of care, skill, and diligence in the performance of the Work as exercised by members of the same profession currently practicing under similar circumstances.

If at any time during the term of any contract for which the Contractor has provided work, it is determined that the Contractor's Deliverables, Work Product or services fail to conform to the above standard of care for the Work, upon written notice from Prince William Water, the Contractor shall immediately proceed to correct the Work, re-perform the Work which fail to satisfy the foregoing standard of care, and shall pay all costs and expenses associated with correcting said Work.

Prince William Water's rights and remedies under this Section are in addition to, and are cumulative of, any and all other rights and remedies provided by this _____ Agreement, equity or otherwise.

- E. The Contractor's obligations under this Section shall survive termination, cancellation, or expiration of this _____ Agreement.
- F. Any and all Drawings, plans, Specifications, or other construction documents or Deliverables prepared by the Contractor shall conform to the standard of care in Section 4.27.D above. Products, equipment, and material specified for use shall be readily available unless written authorization to the contrary is given by Prince William Water.
- G. Information provided by Prince William Water is for informational purposes only. The Contractor shall be responsible to validate, or field verify key information as specified in each Project Agreement. When documenting in reports or technical memoranda, the Contractor shall identify the data used and whether it has or has not been validated or field verified. The Contractor shall identify data requirements that would improve the accuracy of recommendations and cost estimate of the Work when data used has not been validated or field verified. The Contractor shall sign and execute Prince William Water's Data Usage Agreement, a Prince William Water's document outlining Prince William Water's processes, procedures and policies regarding Prince William Water data.
- H. Contractor shall provide seven (7) copies of any written studies furnished under this _____ Agreement in a format acceptable to Prince William Water.
- I. Key Personnel: Prior to the execution of this _____ Agreement, and prior to the commencement of any work under this _____ Agreement, the Contractor shall submit a listing of all Key Personnel expected to be assigned to Work under this _____ Agreement. All employees of the Contractor performing Work under this Agreement must be legally documented employees of the Contractor and paid under the Contractor's Federal tax identification number.
- J. The Contractor shall not add, remove or reassign the Contractor's Key Personnel, as defined herein, from performance or positions in this _____ Agreement without written approval from Prince William Water.
- K. In addition, the Contractor shall submit a formal written request to Prince William Water prior to adding, removing and/or reassigning Contractor personnel as specified below.
- L. Contractor shall submit a formal written request to Prince William Water no later than fifteen (15) Days prior to the addition, removal and/or reassignment of Key Personnel. The Contractor shall add, remove or reassign such Key Personnel only after receiving approval in the form of a written modification from Prince William Water. Replacement Personnel shall have equal quality professional experience and expertise to perform the services, subject to Prince William Water approval.
- M. Key Personnel are defined, as those individuals assigned as follows:

Name	Function/Title

- N. The Contractor shall designate a Contractor's Project Manager (designated as Key Personnel in Section 4.39.M) subject to Prince William Water's approval. So long as the Project Manager performs in a manner acceptable to Prince William Water and remains in Contractor's employment, the Contractor shall comply with the requirements above.
- O. Project Team: Prior to the execution of this Agreement, and prior to the commencement of any Contractor Services under this Agreement, the Contractor shall submit a list of all Project Team personnel expected to be assigned to perform Contractor Services under this Agreement for Prince William Water's review and approval. All employees of the Contractor performing Work under this Agreement must be legally documented employees of the Contractor and paid under the Contractor's Federal tax identification number. The Contractor shall not add, remove, or reassign the Project Team personnel, as defined herein, from performance or positions in this Agreement without approval of Prince William Water. The replacement of Project Team members that are not Key Personnel does not require prior approval by Prince William Water. The Contractor shall provide Project Team members who are fully qualified for their work and shall only replace them with equally qualified people.
- P. All Contractor personnel assigned to the Work are subject to approval by Prince William Water prior to performing any Work. The Contractor shall immediately replace any proposed Contractor personnel not approved by Prince William Water with personnel acceptable to Prince William Water and Prince William Water shall not be responsible for any payment for Work performed by Contractor personnel not approved by Prince William Water prior to commencement of such performance. The Contractor shall remove any Contractor personnel from performing any Work if requested by Prince William Water which notice shall be at Prince William Water's sole discretion. The Contractor shall provide resumes and other supporting documentation, if requested by Prince William Water, for any Contractor personnel proposed to do Work or currently working on Prince William Water Work. All subsequent Task Orders shall use only Prince William Water approved Authorized Personnel listed in the Agreement.
- Q. In performance of Work (including labor work of Contractor employees and/or Subcontractors) under this Agreement outside of the United States is strictly prohibited unless requested in writing by the Contractor and approved in advance in writing by Prince William Water General Manager or his designee.

8. Upon approval, Prince William Water and Contractor shall negotiate and agree upon applicable compensation (labor rate limits and Multiplier factor) prior to any Work being performed outside the United States under this Contract.
9. The Contractor shall provide to Prince William Water for its approval, any and all security measures proposed to preserve Prince William Water's assets in performance of the Work.
- R. The Contractor shall perform the required services in fulfilling the Work requirements and shall notify Prince William Water in advance of performing any Work activities beyond the scope of the work requirements.
- S. The Contractor is responsible for reviewing all tasks to ensure best available technology is being used for best results/outcomes.
- T. Contractor covenants that the services provided by it hereunder will be of the highest professional quality and conform to all generally accepted practices governing the design and development of software of the same general nature and complexity.
- U. The Contractor further covenants that Contractor shall not knowingly introduce through any means, any virus, worm, malware ransomware, trap, trap door, back door, or any contaminant or disabling devices, including, but not limited to, timer, clock, counter, or other limiting codes, commands, or instructions intended to damage or disable ("Harmful Code") the software, or any Prince William Water data or other intellectual property used by Prince William Water. In the event Contractor introduces such Harmful Code, Contractor shall immediately, and at Contractor's sole expense, replace and install all copies of the software containing the Harmful Code.
- V. Notwithstanding anything else contained in this Agreement, the covenants, and warranties in paragraph 4.39.V and 4.39.W shall be deemed to be a warranty for current and future performance and shall continue until and for so long as Contractor is engaged to provide services to Prince William Water with respect to the software developed hereunder, including the maintenance and enhancement thereof.
- W. The Contractor has access to all materials, equipment, and labor necessary to complete the Work within the Contract Times

4.40 Certifications of Wage Rates

Signature of this Agreement by the Contractor certifies that the wage rates and other costs used to determine the compensation provided for in this Agreement are accurate, complete, and current as of the date of the Agreement.

The said rates and costs shall be adjusted to exclude any significant sums should Prince William Water determine that the rates and costs were increased due to inaccurate, incomplete or noncurrent wage rates or due to inaccurate presentation of fees paid to outside contractors. Prince William Water shall exercise its rights under this clause within three (3) years following final payment.

4.41 Notices

Whenever either party desires to give notice to the other, it must be given by written notice, sent by certified United States mail, with return receipt requested, addressed to the party for whom it is intended, at the place last specified, and the place for giving of notice in compliance with the provisions of this paragraph. For the present, the parties designate the following as the respective places for giving of notice, to-wit:

<u>For Contractor</u>	<u>With Copy to</u>
<u>For Prince William Water</u> Prince William Water Attn: Procurement Department 4 County Complex Court Woodbridge, VA 22192	<u>With Copy to</u> Bean Kinney & Korman PC Attn: Mr. Mark Viani 2311 Wilson Blvd., Suite 500 Arlington, VA 22201

4.42 Confidentiality

- A. Prince William Water is a public entity and, as such is subject to and supports the provisions of the Virginia Freedom of Information Act ("Virginia FOIA") and VPPA Section 2.2-4342, Public Inspection of Certain Records.
- B. Except as provided in the VPPA Section 2.2-4300 et seq., all proceedings, records, contracts, and other public records relating to Prince William Water's procurement transactions shall be open to the inspection of any citizen, or any interested person, firm or corporation, in accordance with Virginia FOIA.
- C. The Contractor may seek protection from disclosure of its trade secrets or proprietary information submitted to Prince William Water in connection with this Agreement, the procurement of the same, and its services hereunder; provided, however, that the Contractor must:
 1. Invoke the protections of VPPA Section 2.2-4342(F) prior to or upon submission of the data or other materials,
 2. Identify the data or other materials to be protected, and
 3. State the reasons why the protection is necessary.
- D. If Contractor, when submitting materials to Prince William Water, requests that those materials not be disclosed under applicable law, Prince William Water consequently denies a request for the disclosure of such materials based on the Contractor's request, and Prince

William Water's denial of the request for disclosure is challenged in court, the Contractor shall indemnify, hold harmless and defend Prince William Water, its officers, directors and employees from any and all costs, damages, fees and penalties (including but not limited to any attorneys' fees and other costs related to the litigation) relating thereto.

- E. Prince William Water shall determine whether materials submitted by the Contractor are subject to disclosure in Prince William Water's sole discretion, and Prince William Water shall have no obligation to withhold disclosure of any materials it believes are subject to disclosure.
- F. Prince William Water, its officers, directors, and employees shall have no liability to the Contractor for such disclosure of materials provided by the Contractor.
- G. Prince William Water reserves the right to seek an opinion of the Attorney General of Virginia as guidance on matters regarding the disclosure of materials submitted by the Contractor and the applicability of Virginia FOIA, VPPA and this [REDACTED] Agreement, with all such costs and expenses of doing so being at the sole expense of the Contractor.
- H. Confidential Information means with respect to Prince William Water, all business and technical information of Prince William Water provided to Contractor in performance of the Work which are not subject to disclosure under Virginia FOIA or the VPPA, and with respect to Contractor, all business and technical information of Contractor provided to Prince William Water in connection with the performance of the Work including the Intellectual Property Rights which are designated as Confidential Information and are not subject to disclosure under Virginia FOIA or the VPPA.
- I. The parties shall:
 - 1. Keep, and not disclose to any third parties, any Confidential Information of the other party;
 - 2. Maintain and use the Confidential Information of one another only for the purposes of this [REDACTED] Agreement and only as permitted herein;
 - 3. Only make copies of the Confidential Information as specifically authorized by the disclosing party and with the same confidential or proprietary notices as are on the original;
 - 4. Restrict access and disclosure of Confidential Information to their employees or agents who have a "need to know"; and
 - 5. Use commercially reasonable efforts, which shall be no less stringent than those efforts that each party uses to protect its own Confidential Information, to prevent the other's Confidential Information from being disclosed or used in violation of this [REDACTED] Agreement; provided, however, that Contractor may disclose Prince William Water's Confidential Information to its Subcontractors who are involved in

- performing any Services on behalf of Contractor, have a need to know such Confidential Information in order to carry out their responsibilities and have included this confidentiality clause in their contract with the Contractor.
- J. The parties shall return or destroy all Confidential Information of the other party upon termination of this [REDACTED] Agreement or upon written request of the other party.
- K. Notwithstanding the forgoing, if a receiving party becomes legally compelled to disclose any of the Confidential Information of the disclosing party, the receiving party shall provide the disclosing party with prompt written notice thereof so that the disclosing party may seek a protective order or other appropriate remedy or, if appropriate, waive compliance with the provisions of this [REDACTED] Agreement.
- L. If such protective order or other remedy is not obtained, or the disclosing party waives compliance with the provisions of this [REDACTED] Agreement, the receiving party shall:
1. Furnish only that portion of the Confidential Information of the disclosing party that, upon the advice of legal counsel, is legally required to disclose, and
 2. Exercise reasonable efforts to obtain assurance that confidential treatment will be afforded such Confidential Information.
- M. In the event of a breach or threatened breach of this Section the parties recognize that money damages shall not be an adequate remedy, and therefore, in addition to any other legal or equitable remedies, the parties shall be entitled to seek an injunction, or other equitable relief or remedies, against such breach without necessity of posting bond or security, which is waived.
- N. The Contractor shall not divulge any confidential, proprietary, draft or for official use only information (including portions of materials) concerning the Project(s) or provided to it by the Owner or any of the Owner's employees, consultants, contractors or agents, to anyone (including, for example, information on applications for permits, variances, and so forth) without the Owner's written consent, which may be given or withheld in the Owner's sole and unfettered discretion. The Owner shall designate such information as "Confidential", "Proprietary", "Draft", or "For Official Use Only". The Contractor shall obtain similar assurances from all those persons (including its employees or independent contractors) or firms retained by the Contractor pursuant to this Agreement. The Contractor further acknowledges and agrees that substantial damage will accrue to the Owner if this nondisclosure provision is breached by the Contractor or anyone for whom it is responsible, and therefore the Contractor agrees to pay any and all actual damages, costs or losses suffered by the Owner in the event there is a breach of this provision of this Agreement and to be subject to an injunction to enforce this provision. The Owner reserves the right to release any and all information relative to the Project, including, but not limited to, the time of release and the form and content hereof. This requirement shall survive the termination or expiration of this [REDACTED] Agreement.

- O. The Contractor shall not include or disclose, or permit to be disclosed, any photographic, artistic, text, recorded or written testimonials or names or contact information for any of the Owner's personnel, or other reference to the Project or the Owner, or any materials received in connection with the Project, in any of its promotional marketing materials, studies, research, advocacy proposals, publications or social media. This requirement shall survive the termination or expiration of this [] Agreement.
- P. In its performance of Work under this Agreement and any applicable Task Order, if the Contractor is required to offer comments, opinions or testimonials on a specific subject matter related to the Work under this Agreement, under no circumstance shall the Contractor offer unsolicited written comments, opinions, or testimonials other than what is specifically requested, or without the express written consent of Prince William Water. This requirement shall survive the termination or expiration of this Agreement.

4.43 Headings

Headings are for convenience of reference only and shall not be considered in any interpretation of this [] Agreement.

4.44 Exhibits

Each Exhibit referred to in this [] Agreement forms an essential part of this [] Agreement. The Exhibits, if not physically attached, should be treated as part of this [] Agreement and are incorporated by reference.

4.45 Counterparts

This [] Agreement may be executed in several counterparts, each of which shall be deemed an original and shall constitute one and the same instrument.

4.46 Words and Phrases

Where the words "required", "approved", "approval", "satisfactory", "determined", "acceptable", or words of like import are used in this [] Agreement, action by Prince William Water is indicated unless the context clearly indicates otherwise, and all work shall be in accordance therewith. Such action, or failure to act, shall not relieve the Contractor of its contractual responsibilities for performance of this [] Agreement.

Wherever it is provided in the [] Agreement that the Contractor shall perform certain work "at its own expense", or "without charge", or that certain work will not be paid for separately, such words mean that the Contractor shall not be entitled to any additional compensation from Prince William Water for such work.

4.47 Notice of Commencement/Notice to Proceed

Contractor shall not commence the Work until:

- A. All insurance to be furnished hereunder has been approved by Prince William Water;

- B. Contractor has received a Prince William Water Purchase Order and written Notice to Proceed or Notice of Commencement from the duly authorized representative of Prince William Water for Work under the Agreement; and,

4.48 Nonwaiver of Defaults (NOT USED)

4.49 Patent Indemnity

Subject to the limitations set forth in this [REDACTED] Agreement, the Contractor shall indemnify, save harmless and defend Prince William Water and Prince William Water officers, agents and employees (collectively “Prince William Water Indemnified Party”) from and against any and all suits, actions, legal proceedings, claims, demands, damages, costs, expenses and attorneys’ fees incident to any infringement of any patent or patents related in any manner to the subject matter of the [REDACTED] Agreement documents prepared by the Contractor; provided, however, that any Prince William Water Indemnified Party may, at its option, be represented in any such suits, actions or legal proceedings by attorneys of either party’s own selection at its own expense.

In case any deliverable, document or other Work Product produced by or recommended by Contractor as part of its services provided under this [REDACTED] Agreement, is held to constitute infringement of any patent or patents and its use on or for Prince William Water’s project is enjoined, the Contractor shall, at its sole expense, either procure for Prince William Water the right to continue using the equipment, material, or facility that contains the infringement, replace the same with non-infringing equipment, material or facilities, or modify it so it becomes non-infringing.

The provisions of this Section shall survive termination, cancellation and expiration of this [REDACTED] Agreement.

4.50 Contractor’s Equipment and Facilities

- A. The Contractor’s and all [Subcontractors]’ equipment shall be maintained in safe and good working order for the particular operating conditions. Use of equipment not meeting these requirements shall be discontinued until repaired. Prince William Water reserves the right to immediately direct the Contractor to discontinue the use of any substandard and/or unsafe equipment.
- B. As requested by Prince William Water, the Contractor shall, at its own expense, repair or replace any substandard equipment used in performance of the work under this Agreement.
- C. All commercial motor vehicles shall meet all U.S. Department of Transportation (DOT) and Virginia Department of Transportation (VDOT) requirements.

4.51 Use of Prince William Water’s Equipment or Facilities

- A. Circumstances may arise where the Contractor requests Prince William Water to make available to the Contractor certain equipment or facilities belonging to Prince William Water for the performance of the Contractor's work under this [REDACTED] Agreement.
- B. If Prince William Water agrees to such request, the equipment or facilities will be charged to the Contractor at agreed rental rates. Under such circumstances, the Contractor shall assure itself of the safety of such equipment before use and shall assume all risks and responsibilities in its use of the equipment.
- C. The Contractor hereby agrees to indemnify Prince William Water from any liabilities that may arise from the Contractor's use and upon its return to Prince William Water to establish its condition and substantiate whether or not any part of the equipment used by the Contractor has been overstressed or damaged in any way as a result of its use, other than ordinary wear and tear. The cost of repairs or replacement to correct such overstress damage resulting from such use shall be at the Contractor's expense.
- D. The provisions of this sub Section shall survive termination, cancellation and expiration of this [REDACTED] Agreement.

4.52 Contractor's Security Responsibilities

- A. The Contractor shall at all times conduct its operations under the [REDACTED] Agreement in a manner to avoid the risk of loss, theft, or damage by vandalism, sabotage, or other means to any property and/or documents. The Contractor shall promptly take all reasonable precautions which are necessary and adequate against any conditions which involve a risk of a loss, theft, or damage of its property or that of Prince William Water.
- B. The Contractor shall comply with all applicable laws and regulations. The Contractor shall cooperate with Prince William Water on all security matters and shall promptly comply with any project security requirements established by Prince William Water.
- C. Such compliance with these security requirements shall not relieve the Contractor of its responsibility for maintaining proper security for the above noted items, nor shall it be construed as limiting in any manner the Contractor's obligation to undertake reasonable action as required to establish and maintain secure conditions at the site.
- D. The Contractor shall prepare and maintain accurate reports of incidents of loss, theft, or vandalism and shall furnish these reports to Prince William Water within six (6) hours of becoming aware of the incident.
- E. Representatives and employees of the Contractor must enter Prince William Water property through an entrance designated by Prince William Water, and must adhere to all security rules and regulations, and Contractor agrees to comply and cause compliance by its [Subcontractors] therewith.

- F. The Contractor may obtain authorization for trucks and other vehicles to enter Prince William Water's property subject to compliance with Prince William Water's rules and regulations.
- G. Prince William Water will accept no responsibility for replacement of, protection to, or policing of, the Contractor's equipment, tools or materials which are furnished or used in its work at Prince William Water's property.
- H. The Contractor shall conduct, or has conducted, a criminal background check at its own expense on each of its employees engaged in performing Work under this Contract prior to the commencement of such services. No Contractor employee shall be eligible to perform Work for Prince William Water if he or she, to the Contractor's knowledge, (1) has been convicted of or was placed in a pre-trial diversion program for any crime involving dishonesty or breach of trust including, but not limited to, check kiting or passing bad checks; embezzlement, drug trafficking, forgery, burglary, robbery, theft, perjury; possession of stolen property, identity theft, fraud, money laundering, shoplifting, larceny, falsification of documents; and/or (2) has been convicted of any sex, weapons or violent crime including but not limited to homicide, attempted homicide, rape, child molestation, extortion, terrorism or terrorist threats, kidnapping, assault, battery, and illegal weapon possession, sale or use.
- I. The Contractor also agrees that all of its contracts or other agreements with Subcontractors and vendors shall prohibit the Subcontractors and vendors from assigning any employee providing services for the performance of Work for this Agreement without first performing or obtaining a criminal background check on such employee.
- J. In addition, the Contractor shall not tolerate any inappropriate behavior on Prince William Water's public property and shall immediately remove from the property any Contractor personnel who is found to be engaging in any inappropriate behavior.

4.53 Damage of Property

The Contractor shall replace any lost or stolen property, repair any damage of whatever kind or character, whether publicly or privately owned, including the property of Prince William Water, to the extent caused by its operations (including its Subcontractors).

The provisions of this Section shall survive termination, cancellation, and expiration of this this [REDACTED] Agreement.

4.54 Inspection of Work

Prince William Water shall at any and all times have access to the Work being performed under this this [REDACTED] Agreement, and all aspects thereof and to the premises affected thereby, for inspection purposes including the utilization at Prince William Water's expense of third-party inspectors, and the Contractor shall provide proper facilities for such access and inspection.

4.55 Cooperation

Prince William Water or other parties may perform work, including the normal operations of Prince William Water, in the vicinity of or on the premises affected by this this [REDACTED] Agreement, and the Contractor's work or use of certain facilities may be interfered with as a result of such concurrent activities. Prince William Water reserves the right to require the Contractor to schedule the order of performance of its work in such a manner as will minimize interference with the work of any of the parties involved and the Contractor acknowledges that such interferences will not constitute cause for additional compensation to the Contractor.

4.56 Progress

- A. If requested by Prince William Water's Contracting Officer Representative, prior to commencement of the Work, the Contractor shall prepare and submit to Prince William Water for approval, a progress schedule indicating the proposed dates for the starting of and completion of the various parts of the Work outlined herein.
- B. The Contractor shall give Prince William Water full information in advance as to its plans for performing each part of its Work. If at any time the Contractor's progress is inadequate to meet the requirements of this [REDACTED] Agreement, Prince William Water may so notify the Contractor who shall thereupon take such steps as may be necessary to improve its progress. If, within a reasonable period as determined by Prince William Water, the Contractor does not improve performance to meet the currently approved [REDACTED] Agreement Schedule, Prince William Water may require an increase in the Contractor's labor force, the number of shifts, overtime operations or additional Days of work per week. Neither such notice by Prince William Water nor Prince William Water's failure to issue such notice shall relieve the Contractor of its obligations to achieve the quality of work and rate of progress required by this [REDACTED] Agreement.
- C. Failure of the Contractor to comply with Prince William Water's instructions may be grounds for termination, in accordance with the applicable provisions of this this [REDACTED] Agreement.

4.57 Assignment Upon Termination

The Contractor Work Product shall become the property of Prince William Water upon payment for services performed, as they are performed and the Contractor shall within ten (10) working Days of receipt of written direction from Prince William Water, delivery to either Prince William Water or its authorized designee, all Work Product in its possession, including but not limited to, designs, Specifications, Drawings, studies, reports and all other documents and data in the possession of the Contractor pertaining to such Project Agreement. Upon Prince William Water's request, the Contractor shall additionally assign its rights, title and interest under any [Subcontractor]'s agreements to Prince William Water.

4.58 Order of Precedence

In the event of an inconsistency between provisions of this [REDACTED] Agreement, the inconsistency shall be resolved in the following order:

- | | | |
|-----------------|--------------|---------------------|
| A. Change Order | B. Agreement | C. Addendum/Addenda |
| D. Solicitation | E. | F. |

4.59 Severability

If any term or provision of this [REDACTED] Agreement or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this [REDACTED] Agreement, or the application of such terms or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this [REDACTED] Agreement shall be deemed valid and enforceable to the extent permitted by law.

IN WITNESS WHEREOF, the parties hereto have made and executed this _____ Services Agreement on the respective dates under each signature: Prince William Water, signing by and through its General Manager, attested to by its Prince William Water Notary, duly authorized to execute same and by Contractor by and through its duly authorized officer(s) to execute same.

This Agreement will be effective on _____ (which is the Effective Date of this Agreement).

Contractor
Contractor Name |

By: _____
NAME TITLE

By: _____
SIGNATURE DATE

Prince William Water
PRINCE WILLIAM COUNTY SERVICE AUTHORITY

By: _____
NAME TITLE

By: _____
SIGNATURE DATE

EXHIBIT A SCOPE OF WORK

EXHIBIT B COMPENSATION AND LABOR COSTS

EXHIBIT C REQUIRED INSURANCE LIMITS

Insurance Coverages and Limits:

Coverage Required		Minimum Limits
1.	Workers' Compensation and Employers' Liability:	Statutory Limits of the Commonwealth of VA:
	Admitted in Virginia	Yes
	Employers' Liability	\$500,000
	All State Endorsement	Statutory
2.	General Liability	\$1,000,000 Combined Single Limit
	Contractual Liability	Bodily Injury and Property Damage
	Personal Injury	Each Occurrence
3.	Automobile Liability	\$2,000,000 Combined Single Limit
	Owned, Hired & Non-Owned	Bodily Injury and Property Damage
	Personal Injury	Each Occurrence
4	Umbrella or excess liability	\$5,000,000 Each Occurrence \$5,000,000 Aggregate
5.	Prince William Water named as additional insured on General Liability Policies (This coverage is primary to all other coverage Prince William Water may possess.)	
6.	Cancellation notice in accordance with policy provisions required.	
7.	Best's Guide Rating	A-:VII or Better, or Equiv.
8.	The Certificate must state Contract No. SA 	

EXHIBIT D INVOICING PROCEDURES

- A. Invoices (or Applications for Payment) must contain sufficient information for Prince William Water to verify that the work was performed in accordance with this Contract. Prince William Water requires that the following information be included in the invoice (or must be in the form of a report which must accompany the invoice) and contain the following information:
1. Contract Title and Contract Number, Purchase Order Number;
 2. Dates services were provided;
 3. Summary of deliverables or work achieved during the specified billing period including:
 - a) for unit price work: details of the quantities and prices, and pass-through invoices for all materials, subcontractors, and rental equipment costs.
 - b) for lump sum work: details of the work performed in accordance with the schedule of values; and,
 4. Proper documentation to support payment of non-schedule work/items not included in the Contract to include payroll records, and invoices for all materials, supplies, and services, purchased or leased, in performance of the work.
 5. Written Proof of acceptance of the work and/or deliverable by Prince William Water.
- B. Prior to work performed under this Contract, Contractor shall submit for Prince William Water's approval a sample invoice and/or Contract Status Report. Prince William Water reserves the right to withhold invoice payment until sufficient documentation is provided.
- C. All invoices will be paid within the time specified by the Contract unless any items thereon are questioned, in which event payment will be withheld for those items pending verification of the amount and the validity of the claim.
- D. Contractor acknowledges that Prince William Water's Procurement and Contract Management Regulations are applicable to the Agreement.

Invoices shall be forwarded to:

By Mail	Physical Delivery
Prince William Water Attn: Accounts Payable P.O. Box 2266 Woodbridge, VA 22195	Prince William Water Attn: Accounts Payable 4 County Complex Court Woodbridge, VA 22192
Or (Electronically, via email): accountspayable@pwwater.org	

- E. Monthly Status Reporting for Projects Exceeding 90 Days Duration: In addition to and separate from the Invoice/Application for Payment documentation, the Contractor shall provide Prince William Water's General Manager or his designee, with a written Monthly Report detailing the status of ALL ongoing work tasked to and performed by the Contractor and the Contractor's Subcontractor. At a minimum the Monthly Report shall include the following information:
1. Contract number and Purchase Order number
 2. Name and title of Project
 3. A description of the Work performed.
 4. Budget of hours and dollars for hourly rate work (if applicable).
 5. Budget of dollars for Lump Sum (if applicable).
 6. Notice of any issues that could affect project completion schedule, quality or price (if applicable).
 7. Cost and hours incurred to date for hourly rate work (if applicable).
 8. Percent/deliverable completion to date for Lump Sum (if applicable).
 9. Estimated cost and hours to complete for hourly work (if applicable).
 10. Estimated percent/deliverables to complete for Lump Sum (if applicable).
 11. Total of all previous Invoices.
 12. Budget and schedule analysis.
 13. Projected completion date.
- F. The Status Report may accompany the Invoice or Application for Payment, as supporting documentation.

EXHIBIT E SUBCONTRACTORS LIST

EXHIBIT F WORK ORDER/AUTHORIZATION REQUEST FORM

Work Order/Authorization Request Form

Work Order Number/Title: _____

Contract Number/Title: _____

This Work Authorization defines and specifies the services to be performed and delivered by the Contractor as well as compensation to be paid for such services, all in accordance with the terms and conditions of the Contract. In case of failure to deliver services in accordance with the Contract terms and conditions, Prince William Water, after due oral or written notice, may procure the service from other sources.

Please sign and return this form with your proposal by _____, 2022 at _____ (time) to:

_____ (name/email)

Site Visit: ☐ **Mandatory/** ☐ **Optional: Location:** _____, 2022 at _____ (time).

Submit your proposal with the required supporting documentation based on the following method checked below:

- ☐ **Unit Price Work** (when the quantity of labor and materials needed for the Work is not well defined)
Must submit with proposal the following: *Estimates/Schedule of Values*
- ☐ **Lump Sum Work** (when the quantity of labor and materials needed for the Work is well identified)
Must submit with proposal the following: *Estimates/Schedule of Values*

Background and Description of the Work:

(To be completed by Prince William Water Representative)

Your proposal must include the following:

1. Description of the Work to be provided based on the required deliverables requested by Prince William Water
2. Project Schedule
3. Key Personnel
4. Any Subcontractors to be used
5. Pricing

Required documentation to accompany invoice:

For Unit Price Work

Details of the quantities and prices, and pass-through invoices for all materials, subcontractors and rental equipment costs.

For Lump Sum Work

Details of the work performed in accordance with the schedule of values.

For projects more than one month in duration, progress invoice update/report shall be submitted which shows agreed upon deliverables (or percent complete) for each line item in the schedule of values or cost proposal as applicable. A draft copy of the progress invoice report shall be reviewed and approved by the Prince William Water Project Manager prior to submitting the invoice for processing.

The Prince William Water reserves the right to request that the Contractor provide additional documents when in need of justification for the price reasonableness.

Contractor

By: _____

Date: _____

Printed Name: _____

Prince William Water

BY: _____

Date: _____

Authorized Signature

Printed Name: _____