



# County of Fairfax, Virginia

## ADDENDUM

DATE: May 21, 2020

### ADDENDUM NO. 2

**TO:** ALL PROSPECTIVE OFFERORS

**REFERENCE:** RFP 2000003120

**TITLE:** Sewer Rehabilitation

**DUE DATE/TIME:** June 5, 2020 @ 10:00 a.m.

The referenced Request for Proposal is amended as follows:

1. Refer to Attachment 1 in this document for responses to questions received.

All other terms and conditions remain the same.

Nicole Cifci, CPPB, VCA  
Contract Specialist II

**THIS ADDENDUM IS ACKNOWLEDGED AND IS CONSIDERED A PART OF THE SUBJECT REQUEST FOR PROPOSAL:**

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Name of Firm

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(Signature)

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(Date)

**A SIGNED COPY OF THIS ADDENDUM MUST BE RETURNED PRIOR TO DUE DATE/TIME OR MUST ACCOMPANY PROPOSAL BY WAY OF UPLOAD TO FAIRFAX COUNTY'S PROCUREMENT PORTAL AT [HTTPS://FAIRFAXCOUNTY.BONFIREHUB.COM](https://fairfaxcounty.bonfirehub.com).**

**NOTE: SIGNATURE ON THIS ADDENDUM DOES NOT SUBSTITUTE FOR YOUR SIGNATURE ON THE ORIGINAL RFP DOCUMENT. THE ORIGINAL PROPOSAL DOCUMENT MUST BE SIGNED.**

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**Department of Procurement and Material Management**

12000 Government Center Parkway, Suite 427

Fairfax, VA 22035

**Website:** [www.fairfaxcounty.gov/procurement](http://www.fairfaxcounty.gov/procurement)

**Phone:** 703-324-3206, **TTY:** 711, **Fax:** 703-324-3228

**ATTACHMENT 1**

- Q1. Will the Owner/Engineer provide copies of existing CCTV files for pipe segments proposed rehabilitation?
- A1. The County will issue the work in phases, with each phase the Contractor will receive a list of manholes and or sewers to be rehabilitated. In addition, a PDF NASSCO Compliant CCTV inspection log is provided for the pipes which has been by the County inspected. County video of the inspections will not be provided. Please see Attachment B, Section 02640 paragraph 1.2B and Section 02956 for additional information.**
- Q2. Will the Owner/Engineer please confirm if there are any prevailing wage requirements for this job?
- A2. Please see Addendum 1, response to Q21.**
- Q3. Will the Owner/Engineer please provide the anticipated NTP date for this project?
- A3. Please see Addendum 1, response to Q41.**
- Q4. Will the Owner/Engineer please provide a copy of the current plan holders list?
- A4. Please see Addendum 1, response to Q27.**
- Q5. Will the Owner/Engineer please provide any previous itemized bid tabulations for projects of similar scope?
- A5. Current contract pricing can be found here: [www.fairfaxcounty.gov/contracts](http://www.fairfaxcounty.gov/contracts) and by searching by Contract Number: 4400008683.**
- Q6. Will the Owner/Engineer please provide the budget for this project?
- A6. Please see Paragraph 4.6 of the RFP.**
- Q7. What flows and discharge lengths should we assume for bypass?
- A7. Some bypass will be setup in the roadway, and some will off road. Requirements for bypass can be found in Attachment B, Section 02960 Temporary Bypass Systems and Section 01025 Measurement and Payment. Assume various situations on and off road throughout Fairfax County in accordance with the specifications**
- Q8. Based on Addendum No. 1, questions and answers, we notice some discrepancies and further clarification is needed. Please note Q1, A22-Q3, Q24, Q25, Q26, Q31, Q32; we would like to obtain clarification that the only styrene product aloud will be a water cured installation. Please advise.
- A8. Steam cure is not allowed see paragraph 5.2 of the RFP. Styrene can be used for water cured, UV cured and Ambient cured, but it must not exceed 50 ppm see Attachment B, Section 02640, paragraph 1.8 Styrene Monitoring and Safety Program, item C.**
- Q9. Given the bid date has been moved to 5 JUN, will the owner also extend the cutoff date for questions to at least 22 MAY?
- A9. The due date for questions was extended to May 27, 2020 at 11:00 A.M, this information is listed in Bonfire.**

**ATTACHMENT 1**

- Q10. Given there are no locations with this type of procurement, will the owner please consider adding a uniform allowance for extra permits (e.g. Fairfax County Parks Authority), in that the contractor does not have any way to determine location, duration, access, or other key elements required for permit planning? The allowance to apply to all bidders, and managed in conjunction with DPWES?
- A10. No allowance will be allowed, permit requirements can be found in paragraphs 6.3b, 6.6 and 6.8 of the RFP. Costs should be included in the unit rates, see Attachment B, Section 02640, paragraph 1.4 Permits.**
- Q11. Will the owner consider providing an allowance or line item quantity for flagging operations? Given there are no locations with this type of procurement, the contractor has no way currently to identify MOT requirements, especially VDOT/MUCTD required flagging operations. While allowance is for >45 MPH, there are many "solid yellow line" roads in FFX CO that are less than 45 MPH but will potentially require flagging.
- A11. The contractor is required to obtain VDOT permits, and for compliance to those permits, see Attachment B, Section 02640, paragraph 1.9 Traffic Maintenance and Protection-General Requirements. There will be no allowance or additional line items for flagging operations.**
- Q12. Will it be possible to perform sequential lining operations through a manhole? Is there any limit on length of liner installed?
- A12. Yes, you may line thru manhole if given two adjoining lines. No limit on length but the installation will be governed by manufacturers recommendations, means and methods, product ability and materials properties. Finished product to meet the ASTM standards and Contract requirements. Install CIPP in authorized locations only.**
- Q13. On page 02954-12, there is a chart that lays out minimum thicknesses for felt liners. It does not mention GRP or UV liners. Due to the increased strength that GRP liners provide, they are usually designed having a thinner wall. Can ASTM F1216 be used to calculate the liner thickness? Please advise.
- A13. Yes, ASTM F1216 may be used, with supporting documentation and test results to confirm product meets contract criteria.**
- Q14. Will the owner please provide a bid quantity for buried manholes? This will allow development of unit prices for better cost control. Conversely, will the owner provide an allowance for all bidders relating to buried manhole location?
- A14. Each year we may see approximately five to ten manholes which are covered over. One or two of these may be buried 12 inches or more. Attachment B, Section 02640, paragraph 1.16 Request to Locate Missing Manholes provides procedures to request a manhole be located by County personnel. Requests must be given two weeks in advance. When manholes are rehabilitated there may be a need to adjust them to grade. Attachment C, Items 69 and 70 will be used for this purpose. The owner will not provide an allowance for buried manholes.**
- Q15. Will the owner please provide the scoring criteria/detail within each category?
- A15. The criteria and point values included in the RFP will be used in evaluating the proposals. No additional scoring criteria detail will be provided.**

**ATTACHMENT 1**

Q16. Will the Owner please confirm that Owner hydrants will be nearby all CIPP work to facilitate cleaning & CIPP scopes? If not, how will the Contractor be compensated for supplying water to the work site(s)?

**A16. Fairfax Water Authority owns the fire hydrants in Fairfax County. The Fairfax County Wastewater Collection Division does not own or operate fire hydrants. According to our GIS maps there are 29,255 fire hydrants throughout the County. Attachment B, Section 02640, paragraph 1.10, Water Usage from Fire Hydrants, requires the contractor to obtain a permit from the Fairfax Water Authority to use their water. The cost of supplying water to the work site should be included in your unit prices**

Q17. Pursuant to Specification 02954–Sewer Main Rehabilitation by Lining 2.4.E. the CIPP Minimum Liner Thickness Chart is based on resin impregnated felt products cured with hot water. Considering the RFP is requiring Glass Reinforced Pipe (GRP/UV-cure) as a requirement, we would like to propose a corresponding table for GRP liners cured by UV light which have substantially higher strength characteristics? GRP Liner designs will yield substantially thinner liner thicknesses than the felt calculations in this chart and should not be prescribed to match the thicker walls for the lower strength of felt. The chart below is based on the calculations as prescribed in the specifications using the strength characteristics of our GRP/UV Cured product?

<b>MINIMUM LINER THICKNESS</b>		
<b>Minimum Lining Thickness Following Installation Operations and Curing GRP Liner and UV Curing</b>		
<b>Host Pipe Diameter</b>	<b>Depth</b>	<b>Minimum Liner Thickness</b>
8" diameter	Up to 17 feet	3.0 mm
8" diameter	Over 17 to 25 feet	4.0 mm
10" diameter	Up to 11 feet	3.0 mm
10" diameter	Over 11 to 18 feet	4.0 mm
10" diameter	Over 18 to 25 feet	4.0 mm
12" diameter	Up to 12 feet	4.0 mm
12" diameter	Over 12 feet to 18 feet	5.0 mm
12" diameter	Over 18 to 25 feet	6.0 mm
15" diameter	Up to 10 feet	5.0 mm
15" diameter	Over 10 to 14 feet	6.0 mm
15" diameter	Over 14 to 20 feet	7.0 mm
18" diameter	Up to 8 feet	Submit to Owner
18" diameter	Over 8 feet	Submit to Owner

**A17. Attachment B, Section 02954–Sewer Main Rehabilitation by Lining, paragraph 2.4.E. the CIPP Minimum Liner Thickness Chart is based on resin impregnated felt products cured with hot water and ambient temperature. It does not include UV curing. Requirements for the design of UV CIPP can be found in Attachment B, Section 02954-Sewer Main Rehabilitation by Lining, paragraph 2.4 Structural Requirements. All UV CIPP must meet these requirements. You may include the chart for your product when you submit your proposal. The County will consider other UV CIPP products which may have a different thickness than shown on the table for your product, if they meet the requirements of all specifications.**

**ATTACHMENT 1**

Q18. CIPP Spec Section 02954, sub section 2.4 E:

1. This section indicates minimum liner thickness, some of these values are a lot thicker than the standard installed liners, for example 8" liner is usually 4.5 mm. 6 mm or in rare cases 7.5 mm however you indicated over 17VF deep needs to be 8 mm – designs will show that a 6 mm liner would be more than structural at that depth, what is the reasoning for the additional thickness requirement?
2. Can the liner thickness to be installed be designed by the contractor and stamped by a third party engineer to show that the minimum required liner thickness to achieve structural integrity be the criteria to determine the minimum thickness to be installed for the deeper manholes rather than the table provided in the documents?
3. Also the thickness ranges for CIPP liners are in 1.5 mm increments 4.5, 6.0, 7.5, 9.0, 10.5, 12.0 mm etc – your chart is showing 8 mm and 11 mm both of which are not "standard tube" and will have to be specially fabricated resulting in a higher price tag, can you adjust the "required" mm according to the SOP of CIPP liner thickness?

**A18. Question #1: The table provides minimum thickness for felt liners. The thickness for each diameter and depth is in line with requirements set by other jurisdictions throughout the United States, the owners experience and preference. If you have an alternative approach to establish minimum thickness for your product you may submit it with your proposal, see paragraph 7.3.f of the RFP. Please provide written documentation to explain the reason for the proposed alternative and how you will meet the materials strength and durability requirements of ASTM and referenced specifications to validate the product will perform as good or better than the original product specified.**

**Question #2: The calculations shall be performed and certified by a qualified Professional Engineer licensed in the state of Virginia, see Attachment B, Section 02954, paragraph 1.4A6. If the calculated minimum liner thickness is less than shown on the table, then the minimum liner thickness on the table shall govern, see Attachment B, Section 02954, paragraph 2.4.E**

**Question #3: The fabric tube wall thickness shall be constructed as a minimum to the nearest 0.5 mm increment, rounded up from the design thickness for each section of CIPP, see Attachment B, Section 02954, paragraph 2.2J.**