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## Solicitation Addendum

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Addendum No.: 1  
Solicitation No.: 21-R075323JH  
Project No.: N/A  
Solicitation Title: Sanitary Sewer, Stormwater, Line and Manhole Rehabilitation Services  
Addendum Date: 11/20/20  
Procurement Contact: Dave Janney  
Senior Procurement Agent

**IFB 21-R075323JH is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This addendum is hereby incorporated in and made a part of IFB 21-R075323JH.**

**The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFB was November 17, 2020.**

### **REPLACE:**

#### **SECTION C, BID FORMS, ATTACHMENT H, PRICING FORM**

Replace Attachment H, Pricing Form, with the Revised Attachment H that is issued with this Addendum No. 1.

### **QUESTIONS AND RESPONSES:**

- Q1. Exhibit 3 Technical Specifications (page 4) 3.03 Spec reads rebuild thickness of manhole up to 12” thick. Should that read 1/2” thick?**
- R1. 12” refers to the concrete thickness of the structure. Right after that it reads “and spray protective coatings (spray coat)”.
- Q2. What type of liners can be expected for removal with pay item Group #3 item 4?**

- R2. Fiberglass, epoxy, poly, T-lock, or any type of liner existing in the manhole.
- Q3. Both Group 1 Section C Item 5 & 6 and Group 4 Section A #1 have Trenchless lateral cleaning and reconstruction as a pay item. One is 50 ea. and the other 500 ea. Can this be explained?**
- R3. Group 1 Section C #5&6 are Line Rehabilitation, bypass pumping. Group 4 Section A #1 Lateral Lining (section/piece/point) Trenchless Pipe Reconstruction – CIPP, also this is done in large quantities of laterals at one time.
- Q4. Group #4 Section A - I can understand why Item #5 “Lateral Reinstatements cutting of defective lateral openings” are needed to insure lateral liner can be installed successfully, but can you explain the need for “Standard Service Reconnection” 500 ea.?**
- R4. This is for the same reason as the response to #3 above, because this is done in large quantities.
- Q5. I'd like to confirm a bid bond is not required?**
- R5. A Bid Bond is not required for this IFB.
- Q6. Must every Section within a group be priced in order to submit a bid?**
- R6. Yes.
- Q7. Is Sewper Coat an approved product for manhole rehab?**
- R7. No, Sewper Coat is not accepted in Manatee County.
- Q8. Are there previous bid tabs/pricing available?**
- R8. See Bid Form - IFB #15-1599BLS as attached to this Addendum 1.

**Q9. In Group 3 / Section A / Bid Item 1: Corrosion Protection 1/4" thickness (6mm) is 250 mils thick but the county standard specification for Raven 405 is 1/8" thick (125 mils). Just want to confirm which is correct prior to bidding.**

R9. 250 mils (1/4") is County standard.

**Q10. In Group 3 / Section A: can the following items for Bench Repair, Bypass pumping, and Manhole Rim Replacement be added to this bid tabulation group / section just like you have it listed for section B?**

R10. Section A is for "corrosion protection" without structural rehabilitation and Section B is with structural rehabilitation.

**Q11. Are the CIPP liner thicknesses listed on the bid form the thickness of the liner prior to installation or the final cured liner thickness?**

R11. The thickness for the CIPP liner listed on the Pricing Form are prior to installation.

**Q12. Does the county have a facility that contractor may use to dump storm debris?**

R12. Yes, the Contractor will need to set up an account with Landfill. Refer to Exhibit 3, Supplemental Technical Specifications, 3.02, aa, for additional information.

**Q13. Does the county have a facility that contractor may use to dump sanitary debris?**

R13. Yes, the Contractor will need to set up an account with Landfill. Refer to Exhibit 3, Supplemental Technical Specifications, 3.02, aa, for additional information.

**Q14. Is the Light, Medium, Heavy determining factor an error? It is listed in inches ( 1/4" , 1/2" , etc). Should that be replaced as a percentage?**

R14. No, this cleaning refers to sediment and debris that settles to the bottom of the pipe.

**Q15. Lateral Inspections under 30' are lump sum. When we bill for lateral inspections beyond 30', do we bill the lump sum plus the added linear foot rate? Or, do we bill only the linear foot rate on laterals over 30'?**

R15. Inspections over 30' shall be billed as a lump sum up to 30' plus per linear foot over 30'.

**Q16. Are Subcontractors allowed for this project?**

R16. Subcontracting is not allowed for Inspection, Maintenance, or Rehabilitation Services. Subcontracting for MOT is allowed.

**Q17. SprayWall by SprayRoq was on the approved products list for the county for many years prior as of a year ago, was there any specific reason the product was removed? Can it be reinstated since it was already an approved product and already working within your system? One of the oldest (25 years) rehabilitated SprayWall structures is a master lift station within your system among other manholes.**

R17. SprayWall has not performed to Manatee County standards and is no longer an approved product.

**Q18. Will SprayWall be considered an "or Equal"? With a 50 year design life, it has a 735,000 psi flexural modulus, 18,000 psi compressive strength, less than 4% elongation and a 30 minute or less return to service time as well as structural properties starting at 250 mil thickness and can be up to 1000 mils in an application?**

R18. Please see response to R17.

**Q19. Within section 3.03 PURPOSE- LINE AND MANHOLE REHABILITATION SERVICES it states as part of the scope of work to include a rebuild thickness of the manhole up to 12" thick, is this meant to be 1/2" thick of underlayment rebuild with a top coat of spray lining?**

R19. Please see response to R1.

**Q20. Within section 3.04 REQUIREMENTS - LINE AND MANHOLE REHABILITATION SERVICES, Line a. Does the term “pressure grouting” refer to cementitious grouting for stabilization to be priced in the line item “void grouting” ?**

R20. Yes

**Q21. Within section 3.04 REQUIREMENTS - LINE AND MANHOLE REHABILITATION SERVICES, Line a. How is the depth of injection ports to be quantified for an accurate estimation to include within the one line item under void grouting?**

R21. The Pricing Form calls out cubic yard pricing.

**Q22. Within section 3.04 REQUIREMENTS - LINE AND MANHOLE REHABILITATION SERVICES, Line a. What is the specifications for pressure grouting? Is there a specific slurry grout mix design to be used or is this a low mobility type of pressure grouting ? Is there an injection pipe min/max size? Will there be a monitoring engineering firm on site during the injection process?**

R22. Please refer to Public Works Standards Part I. Utilities Standards Manual, February 2020,  
<https://www.mymanatee.org/common/pages/DisplayFile.aspx?itemId=16685477>.  
A monitoring engineering firm will not be on site during the injection process.

**Q23. Within section 3.03 PURPOSE- LINE AND MANHOLE REHABILITATION SERVICES Line a. it states to remove sand and debris, is there a location within the sanitary sewer services yard for disposal of these materials?**

R23. The Contractor will need to set up an account with Landfill. Refer to Exhibit 3, Supplemental Technical Specifications, 3.02, aa, for additional information.

**Q24. Does the “contractor” for work in section 3.05 MANHOLE INSPECTION ASSESSMENT need to be a general contractor or have an underground utility license to perform this scope of services or is an engineering firm that holds a professional engineering license for the firm acceptable?**

R24. Refer to Exhibit 2, Minimum Qualifications.

**Q25. Will subcontractors be allowed for work associated with manhole inspection services within section 3.05 MANHOLE INSPECTION ASSESSMENT**

**scope, some heavy MOT as well as other ancillary services could be required for inspections?**

R25. Subcontracting is not allowed for Inspection, Maintenance, or Rehabilitation Services. Subcontracting for MOT is allowed.

**Q26. Within the bid form, Group 3, Line items for “Void Grouting” differ from section A to section B. Is there to be a difference?**

R26. Group 3 Section A is for Corrosion Protection and Group 3 Section B is for Structural Rehabilitation.

**Q27. Within Group 3 Sections A and B, under “injection grouting” line items, is there a min/max quantity that is associated with the line items for the unit price that can be included as the base bid price, since there is potential for large quantities that may be consumed by void filling at any given depth due to long term infiltration, unknown void space is always a factor?**

R27. There are no min/max quantities associated with these line items.

**Q28. Within Group 3 Section A, the line item states a ¼” thickness (250 mils), will overnight bypassing be allowed in the event the product specifications call for 125 mil thickness as a maximum single application before a second coat is applied?**

R28. Yes

**Q29. Within Group 3 Section B, the line item states a 1/2” to 1” thickness (500-1000 mils), will overnight bypassing be allowed in the event the product specifications call for 125 mil thickness as a maximum single application before a second coat is applied?**

R29. Yes

**Q30. Within Group 3 Sections A and B, Is the flow channel to be spray lined or is it the intention to spray down to the bench and water line only? If the flow line is to be sprayed, has bypassing been an issue in isolating a manhole when they are at a distance apart as they sometimes are for curing times between any recoat windows? Will overnight bypassing be allowed?**

R30. Yes, the flow channel is to be spray lined and overnight bypassing is allowed.

**Q31. Are there any recently (previous 4 years) completed manhole rehabilitation work assignments that can be sent in an addendum from past projects for annual quantity or condition ideas of the system?**

R31. This information can be requested through a public information request.

**Q32. Is spark (holiday) testing accepted by Manatee County for manhole rehabilitation after the installation of the lining for the contractors quality assurance testing?**

R32. Yes

**Q33. Are police officers required at intersections that have stop lights in Manatee County for lane closures? If so, are they provided by the county?**

R33. Traffic control measures shall be established per FDOT requirements. If required, the Contractor will be responsible for securing any necessary law enforcement at the Contractor's expense.

**Q34. Will the county supply the release history and totals from the last Sanitary Sewer, Stormwater, Line and Manhole Rehabilitation contract?**

R34. Please see response to R31.

**Q35. Will the county supply a site for disposal of debris?**

R35. Please see response to R12 and R13.

**Q36. Will the county provide water?**

R36. Access to water can be provided at the contractors' expense.

**Q37. Will the county supply a lay down area for equipment?**

R37. The County does have lay down areas available on a per project basis.

**Q38. What is the annual budget for this contract?**

R38. The estimated annual budget for this contract is \$1,200,000.

**Q39. Will the releases come as needed throughout the term of the contract or a single release annually?**

R39. The release will be issued for each project on an as-needed basis.

- Q40. Question: Group 1 – Section A – Do you have to quote all the line items or can you quote the items that pertain to the work you will be quoting?**
- R40. The quote must be by Group in its entirety, each Section within the Group shall be completed to be considered responsive.
- Q41. Question: Group 1 – 10 TV Inspection – Sewer Lateral – Should this item be moved to Group 4 – Section A ? or if you are providing this service can you just bid on this line item in its current location?**
- R41. See Addendum No. 1, Attachment H Pricing Form (Revised). TV Inspection – Sewer Lateral, was added to Group 4, Section A. Changes highlighted in yellow.
- Q42. Group 1, Section C items 4 and 5. Could you define what is meant by Trenchless lateral cleaning and reconstruction system? Not clear on what work is to be performed.**
- R42. Refer to Exhibit 3, Supplemental Technical Specifications.
- Q43. Group 1, Section C item 7: Full wrap at main and 24” up connection. Should this line item be listed under Group 4 Section A for lateral lining or can this item along be bid on since it is not part of the main line repairs and is a lateral lining repair?**
- R43. The “Full Wrap at Main” exists in both groups. The bid response must be by Group in its entirety, each Section within the Group shall be completed to be considered responsive.
- Q44. Group 4, Section B Miscellaneous Items: Item 1 and 2 (PACP manhole inspections – Level 1 and 2. Should this item be moved to Group 3, Section B since this is inspection of manholes in the Section for lateral lining?**
- R44. See Addendum No. 1, Attachment H Pricing Form (Revised). PACP manhole inspections – Level 1 and Level 2 were moved from Group 4, Section B to Group 3, Section C. Changes highlighted in yellow.



**Q45. Group 4, Section B Miscellaneous Items: Item 1 and 2. Can these items be replaces with a line item for TV inspection of the lateral lining or is it o.k. to bid on the line item from other group that pertains to lateral lining tv inspection?**

R45. See Addendum No. 1, Attachment H Pricing Form (Revised). TV Inspection – Sewer Lateral, was added to Group 4, Section A. Changes highlighted in yellow.

**Q46. Group 1 - Section C - Bid item 5: “Trenchless lateral cleaning and reconstruction system 0' to 30' ” Is the connection seal at the main included on this item or will this be in conjunction with bid item - No.7**

R46. The connection seal is part of the “Standard Service Reconnection” line item.

**Q47. Group 4 - Section A - Bid item 1: “Trenchless lateral cleaning and reconstruction system 0' to 30' ” Is the Connection seal at the main included on this item or will this be in conjunction with bid item - No. 2 In addition the unit on this bid item is in group 1 by linear foot and in group 4 is by each. Can the County change both items to the same unit?**

R47. The connection seal is part of the “Standard Service Reconnection” line item. The unit of measure will remain as posted. Group 1 is if the contractor has to enter a lateral while cleaning the main, Group 4 is just cleaning of the lateral.

**Q48. Group 4 - Section A - Bid item 1: “Trenchless lateral cleaning and reconstruction system >30' ” Should the unit be by Linear Foot (LF) instead of each, as it is in Group 1?**

R48. No, Group 4 is Trenchless and Group 1 is Rehabilitation with Bypass Pumping.

**Q49. Group 4 - Section A - Bid item 3: “Standard Service Reconnection” Will there be any mainline lining under group 4 that will require the reconnection of laterals under the lateral lining group? If no, will the County consider deleting this item?**

R49. Yes

**Q50. Group 4 - Section A - Bid item 6: “Hammer tap removal” Will there be any mainline lining under group 4 that will require the removal of hammer taps under the lateral lining group? If no, will the County consider deleting this item?**

R50. Yes

**Q51. In reference to Group 1 – Section A, B & C – It references Sanitary Sewer, Stormwater Systems Rehabilitation but the individual bid items refer to Sanitary Sewer. These are referencing 2 different type of systems, should there be 2 different bid items (one for Sanitary Sewer and one for Stormwater Systems)?**

R51. No, the items listed in Group 1, Sections A, B, C, applies to stormwater and sanitary sewer.

**INSTRUCTIONS:**

Receipt of this addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

**END OF ADDENDUM**

AUTHORIZED FOR RELEASE

**ATTACHMENT H, PRICING FORM (Revised) - IFB No. 21-R075323JH**  
**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
**Addendum No. 1**

**Bidder Name:** \_\_\_\_\_

DESCRIPTION	SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>GROUP 1 - SECTION A</b>					
<b>Sanitary Sewer &amp; Stormwater</b>					
<b>Sewer Line Cleaning and Inspection</b>					
<b>1 Light Cleaning</b>					
	6" to 12" Diameter	10,000		linear foot	\$0.00
	14" to 18" Diameter	8,000		linear foot	\$0.00
	20" to 24" Diameter	8,000		linear foot	\$0.00
	27" to 42" Diameter	3,000		linear foot	\$0.00
	43" to 54" Diameter	3,000		linear foot	\$0.00
	> 54" Diameter	2,000		linear foot	\$0.00
<b>2 Medium Cleaning</b>					
	6" to 12" Diameter	10,000		linear foot	\$0.00
	14" to 18" Diameter	5,000		linear foot	\$0.00
	20" to 24" Diameter	5,000		linear foot	\$0.00
	27" to 42" Diameter	3,000		linear foot	\$0.00
	43" to 54" Diameter	3,000		linear foot	\$0.00
	> 54" Diameter	2,000		linear foot	\$0.00
<b>3 Heavy Cleaning</b>					
	6" to 12" Diameter	5,000		linear foot	\$0.00
	14" to 18" Diameter	5,000		linear foot	\$0.00
	20" to 24" Diameter	5,000		linear foot	\$0.00
	27" to 42" Diameter	3,000		linear foot	\$0.00
	43" to 54" Diameter	2,000		linear foot	\$0.00
	> 54" Diameter	1,000		linear foot	\$0.00
<b>4 Root Removal</b>					
	6" to 12" Diameter	3,000		linear foot	\$0.00
	14" to 18" Diameter	3,000		linear foot	\$0.00
	20" to 24" Diameter	3,000		linear foot	\$0.00
	27" to 42" Diameter	3,000		linear foot	\$0.00
	43" to 54" Diameter	2,000		linear foot	\$0.00
	> 54" Diameter	2,000		linear foot	\$0.00
<b>5 Tuberculation</b>					
	6" to 12" Diameter	3,000		linear foot	\$0.00
	14" to 18" Diameter	3,000		linear foot	\$0.00
	20" to 24" Diameter	2,000		linear foot	\$0.00
	27" to 42" Diameter	1,000		linear foot	\$0.00
	43" to 54" Diameter	1,000		linear foot	\$0.00
	> 54" Diameter	2,000		linear foot	\$0.00
<b>6 Mechanical Cutting</b>					
	6" to 12" Diameter	3,000		linear foot	\$0.00
	14" to 18" Diameter	3,000		linear foot	\$0.00
	20" to 24" Diameter	1,000		linear foot	\$0.00
	27" to 42" Diameter	1,000		linear foot	\$0.00
	43" to 54" Diameter	1,000		linear foot	\$0.00
	> 54" Diameter	2,000		linear foot	\$0.00

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**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
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**Bidder Name:** \_\_\_\_\_

DESCRIPTION	SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>7 By-Pass Pumping</b>					
	6" Sewer Flow	1,000		linear foot	<b>\$0.00</b>
	8" Sewer Flow	3,000		linear foot	<b>\$0.00</b>
	10" Sewer Flow	3,000		linear foot	<b>\$0.00</b>
	12" Sewer Flow	3,000		linear foot	<b>\$0.00</b>
	15" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	18" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	20" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	24" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	30" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	36" Sewer Flow	1,000		linear foot	<b>\$0.00</b>
	42" Sewer Flow	1,000		linear foot	<b>\$0.00</b>
	48" Sewer Flow	1,000		linear foot	<b>\$0.00</b>
	54" Sewer Flow	1,000		linear foot	<b>\$0.00</b>
	>54" Sewer Flow	1,000		linear foot	<b>\$0.00</b>
<b>8 Pump Set-Up</b>					
	4" Pump	5		each	<b>\$0.00</b>
	6" Pump	5		each	<b>\$0.00</b>
	8" Pump	5		each	<b>\$0.00</b>
	10" Pump	5		each	<b>\$0.00</b>
	12" Pump	5		each	<b>\$0.00</b>
<b>9 Pump Operation (per hour / per pump)</b>					
	4" Pump	6		hour	<b>\$0.00</b>
	6" Pump	6		hour	<b>\$0.00</b>
	8" Pump	6		hour	<b>\$0.00</b>
	10" Pump	6		hour	<b>\$0.00</b>
	12" Pump	6		hour	<b>\$0.00</b>
<b>10 TV Inspection - Sewer Lateral</b>					
	0' to 30'	10		each	<b>\$0.00</b>
	>30'	10		linear foot	<b>\$0.00</b>
Lateral Cleaning		5,000		linear foot	<b>\$0.00</b>
<b>11 TV Pipe Inspection (&lt;10,000 linear ft)</b>					
	6" to 12" Diameter	1,000		linear foot	<b>\$0.00</b>
	14" to 18" Diameter	8,000		linear foot	<b>\$0.00</b>
	20" to 24" Diameter	5,000		linear foot	<b>\$0.00</b>
	27" to 42" Diameter	2,000		linear foot	<b>\$0.00</b>
	43" to 54" Diameter	2,000		linear foot	<b>\$0.00</b>
	>54" Diameter	2,000		linear foot	<b>\$0.00</b>
<b>12 Additional Set-Up</b>		1		lump sum	<b>\$0.00</b>
<b>13 Smoke Testing</b>		5,000		linear foot	<b>\$0.00</b>
<b>TOTAL - GROUP 1, SECTION A</b> (items 1-13)					<b>\$0.00</b>

**ATTACHMENT H, PRICING FORM (Revised) - IFB No. 21-R075323JH**  
**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
**Addendum No. 1**

**Bidder Name:** \_\_\_\_\_

DESCRIPTION	SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>GROUP 1, SECTION B</b> <b>Sanitary Sewer, Stormwater Systems</b> <b>Line Rehabilitation - Method 1, CIPP</b> <b>(Cured in Place Pipe)</b>					
<b>1 Sanitary Sewer Mains 6" to 24"</b>					
5.0mm normal thickness (.197)	6" Diameter	5,000		linear foot	<b>\$0.00</b>
7.5mm normal thickness (.295)	8" Diameter	10,000		linear foot	<b>\$0.00</b>
7.5mm normal thickness (.295)	10" Diameter	8,000		linear foot	<b>\$0.00</b>
9.0mm normal thickness (.354)	12" Diameter	8,000		linear foot	<b>\$0.00</b>
9.0mm normal thickness (.354)	15" Diameter	5,000		linear foot	<b>\$0.00</b>
10.5mm normal thickness (.413)	18" Diameter	5,000		linear foot	<b>\$0.00</b>
12.0mm normal thickness (.472)	21" Diameter	5,000		linear foot	<b>\$0.00</b>
13.5mm normal thickness (.531)	24" Diameter	1,500		linear foot	<b>\$0.00</b>
15.0mm normal thickness (.591)	24" Diameter	1,500		linear foot	<b>\$0.00</b>
<b>2 Sanitary Sewer Mains &gt;24"</b>					
13.5mm normal thickness (.531)	27" Diameter	2,000		linear foot	<b>\$0.00</b>
15.0mm normal thickness (.591)	27" Diameter	2,000		linear foot	<b>\$0.00</b>
15.0mm normal thickness (.591)	30" Diameter	2,000		linear foot	<b>\$0.00</b>
16.5mm normal thickness (.650)	36" Diameter	1,000		linear foot	<b>\$0.00</b>
18.0mm normal thickness (.709)	36" Diameter	1,000		linear foot	<b>\$0.00</b>
16.5mm normal thickness (.650)	42" Diameter	1,000		linear foot	<b>\$0.00</b>
18.0mm normal thickness (.709)	42" Diameter	1,000		linear foot	<b>\$0.00</b>
16.5mm normal thickness (.650)	48" Diameter	1,000		linear foot	<b>\$0.00</b>
18.0mm normal thickness (.709)	48" Diameter	1,000		linear foot	<b>\$0.00</b>
16.5mm normal thickness (.650)	54" Diameter	1,000		linear foot	<b>\$0.00</b>
18.0mm normal thickness (.709)	54" Diameter	1,000		linear foot	<b>\$0.00</b>
18.0mm normal thickness (.709)	>54" Diameter	1,000		linear foot	<b>\$0.00</b>
<b>TOTAL - GROUP 1, SECTION B</b> <b>(items 1-2)</b>					<b>\$0.00</b>
<b>GROUP 1, SECTION C</b> <b>Sanitary Sewer / Stormwater Systems</b> <b>Line Rehabilitation, By-Pass- Pumping</b>					
<b>1</b> Tanker truck tank	4,000 gallon capacity	5		per load	<b>\$0.00</b>
<b>2</b> Standard service reconnection		5		each	<b>\$0.00</b>
<b>3</b> Service with pressure grouting		5		each	<b>\$0.00</b>
<b>4</b> Lateral reinstatement cutting of defective lateral opening		5		each	<b>\$0.00</b>
<b>5</b> Trenchless lateral cleaning and reconstruction system	<=30' Linear Feet	50		linear foot	<b>\$0.00</b>
<b>6</b> Trenchless lateral cleaning and reconstruction system	>30' Linear Feet	50		linear foot	<b>\$0.00</b>
<b>7</b> Full wrap at main and 24" up connection		200		each	<b>\$0.00</b>
<b>8</b> Additional; clean out installation, grassed area	0'-4'	10		each	<b>\$0.00</b>
<b>9</b> Additional; clean out installation, grassed area	>4'	2		each	<b>\$0.00</b>
<b>10</b> Additional; clean out installation, paved area	0'-4'	10		each	<b>\$0.00</b>
<b>11</b> Additional; clean out installation, paved area	>4'	3		each	<b>\$0.00</b>
<b>TOTAL - GROUP 1, SECTION C</b> <b>(items 1-11)</b>					<b>\$0.00</b>

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**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
**Addendum No. 1**

**Bidder Name:** \_\_\_\_\_

DESCRIPTION	SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>GROUP 1, SECTION D</b> <b>Sanitary Sewer Joint Air Testing, Joint Grouting, and Lateral Grouting</b>					
<b>1 Lateral Grouting, Sanitary Sewer</b>					
	6" Diameter, < 50' Run	20		each	<b>\$0.00</b>
	6" Diameter, > 50' Run	20		each	<b>\$0.00</b>
	8"-12" Diameter, < 50' Run	20		each	<b>\$0.00</b>
	8"-12" Diameter, > 50' Run	20		each	<b>\$0.00</b>
<b>2 Joint Testing, Sanitary Sewer</b>					
	6"-15" Diameter, < 50' Run	20		each	<b>\$0.00</b>
	6"-15" Diameter, > 50' Run	20		each	<b>\$0.00</b>
<b>3 Joint Grouting, Sanitary Sewer</b>					
	6" Diameter, < 50' Run	20		each	<b>\$0.00</b>
	6" Diameter, > 50' Run	20		each	<b>\$0.00</b>
	8" Diameter, < 50' Run	20		each	<b>\$0.00</b>
	8" Diameter, > 50' Run	20		each	<b>\$0.00</b>
	10" Diameter, < 50' Run	20		each	<b>\$0.00</b>
	10" Diameter, > 50' Run	20		each	<b>\$0.00</b>
	12" Diameter, < 50' Run	20		each	<b>\$0.00</b>
	12" Diameter, > 50' Run	20		each	<b>\$0.00</b>
	15" Diameter, < 50' Run	20		each	<b>\$0.00</b>
	15" Diameter, > 50' Run	20		each	<b>\$0.00</b>
<b>4</b>	Additional grout	20		gallon	<b>\$0.00</b>
<b>TOTAL - GROUP 1, SECTION D</b> <b>(items 1-4)</b>					<b>\$0.00</b>
<b>GROUP 1, SECTION E</b> <b>Miscellaneous Items</b>					
<b>1</b>	Mechanical cutting for grease or mineral deposits (heavier process than root cutting, not as heavy as tuberculation cutting (all sizes)	30		linear foot	<b>\$0.00</b>
<b>2</b>	Main line air testing and grouting of joints (8" - 24")	1,000		each joint	<b>\$0.00</b>
<b>3</b>	Void grouting by the cubic yard	2		each joint	<b>\$0.00</b>
<b>4 Traffic Control</b>					
	Flagman (each)	2		day	<b>\$0.00</b>
	Supervisor	1		day	<b>\$0.00</b>
	Non-Electronic Signage (each)	4		day	<b>\$0.00</b>
	Arrowboard (each)	2		day	<b>\$0.00</b>
	Cones (each)	2		day	<b>\$0.00</b>
	Barricades (each)	2		day	<b>\$0.00</b>
	Lane dividers (each)	4		day	<b>\$0.00</b>
	Variable message board	4		day	<b>\$0.00</b>
	Light tower	2		day	<b>\$0.00</b>
	Easement access, additional	<12" Diameter	100	linear foot	<b>\$0.00</b>
	Easement access, additional	>12" Diameter	100	linear foot	<b>\$0.00</b>
	Wellpointing / dewatering	1		lump sum	<b>\$0.00</b>
<b>5</b>	Mobilization / Demobilization (projects in excess of \$100,000), including Performance and Payment Bond	100,000		%	<b>\$0.00</b>
<b>6</b>	Mobilization / Demobilization (projects less than \$100,000), without Performance and Payment Bond	25,000		%	<b>\$0.00</b>
<b>TOTAL - GROUP 1, SECTION E</b> <b>(items 1-6)</b>					<b>\$0.00</b>

**ATTACHMENT H, PRICING FORM (Revised) - IFB No. 21-R075323JH**  
**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
**Addendum No. 1**

**Bidder Name:** \_\_\_\_\_

DESCRIPTION	SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>GROUP 2, SECTION A</b>					
<b>Sanitary Sewer, Rehabilitation -</b>					
<b>Method 2</b>					
<b>REPAIR SLEEVE Trenchless</b>					
<b>Pipe Reconstruction - CIPP</b>					
<b>(Cured In Place Pipe)</b>					
<b>1 Sanitary Sewer Mains, 7.5mm normal thickness (.295)</b>					
3' - 5'	8" Diameter	500		linear foot	<b>\$0.00</b>
6' - 9'	8" Diameter	500		linear foot	<b>\$0.00</b>
10' - 12'	8" Diameter	500		linear foot	<b>\$0.00</b>
13' - 15'	8" Diameter	500		linear foot	<b>\$0.00</b>
16' - 20'	8" Diameter	500		linear foot	<b>\$0.00</b>
21' - 25'	8" Diameter	500		linear foot	<b>\$0.00</b>
26' - 30'	8" Diameter	500		linear foot	<b>\$0.00</b>
<b>2 Sanitary Sewer Mains, 7.5mm normal thickness (.295)</b>					
3' - 5'	10" Diameter	500		linear foot	<b>\$0.00</b>
6' - 9'	10" Diameter	500		linear foot	<b>\$0.00</b>
10' - 12'	10" Diameter	500		linear foot	<b>\$0.00</b>
13' - 15'	10" Diameter	500		linear foot	<b>\$0.00</b>
16' - 20'	10" Diameter	500		linear foot	<b>\$0.00</b>
21' - 25'	10" Diameter	500		linear foot	<b>\$0.00</b>
26' - 30'	10" Diameter	500		linear foot	<b>\$0.00</b>
<b>3 Sanitary Sewer Mains, 9mm normal thickness (.354)</b>					
3' - 5'	12" Diameter	500		linear foot	<b>\$0.00</b>
6' - 9'	12" Diameter	500		linear foot	<b>\$0.00</b>
10' - 12'	12" Diameter	500		linear foot	<b>\$0.00</b>
13' - 15'	12" Diameter	500		linear foot	<b>\$0.00</b>
16' - 20'	12" Diameter	500		linear foot	<b>\$0.00</b>
21' - 25'	12" Diameter	500		linear foot	<b>\$0.00</b>
26' - 30'	12" Diameter	500		linear foot	<b>\$0.00</b>

**ATTACHMENT H, PRICING FORM (Revised) - IFB No. 21-R075323JH**  
**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
**Addendum No. 1**

**Bidder Name:** \_\_\_\_\_

DESCRIPTION	SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>4 Sanitary Sewer Mains, 10.5mm normal thickness (.413)</b>					
3' - 5'	15" Diameter	500		linear foot	<b>\$0.00</b>
6' - 9'	15" Diameter	500		linear foot	<b>\$0.00</b>
10' - 12'	15" Diameter	500		linear foot	<b>\$0.00</b>
13' - 15'	15" Diameter	500		linear foot	<b>\$0.00</b>
16' - 20'	15" Diameter	500		linear foot	<b>\$0.00</b>
21' - 25'	15" Diameter	500		linear foot	<b>\$0.00</b>
26' - 30'	15" Diameter	500		linear foot	<b>\$0.00</b>
<b>5 Sanitary Sewer Mains, 13.5mm normal thickness (.531)</b>					
3' - 5'	18" Diameter	500		linear foot	<b>\$0.00</b>
6' - 9'	18" Diameter	500		linear foot	<b>\$0.00</b>
10' - 12'	18" Diameter	500		linear foot	<b>\$0.00</b>
13' - 15'	18" Diameter	500		linear foot	<b>\$0.00</b>
16' - 20'	18" Diameter	500		linear foot	<b>\$0.00</b>
21' - 25'	18" Diameter	500		linear foot	<b>\$0.00</b>
26' - 30'	18" Diameter	500		linear foot	<b>\$0.00</b>
<b>6 By-Pass Pumping</b>					
	6" Sewer Flow	1,000		linear foot	<b>\$0.00</b>
	8" Sewer Flow	3,000		linear foot	<b>\$0.00</b>
	10" Sewer Flow	3,000		linear foot	<b>\$0.00</b>
	12" Sewer Flow	3,000		linear foot	<b>\$0.00</b>
	15" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	18" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	20" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	24" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	30" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	36" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	42" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	48" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	54" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
	>54" Sewer Flow	1,000		linear foot	<b>\$0.00</b>
<b>7 By-Pass Pumping, Set Up</b>					
	4" Pump	5		each	<b>\$0.00</b>
	6" Pump	5		each	<b>\$0.00</b>
	8" Pump	5		each	<b>\$0.00</b>
	10" Pump	5		each	<b>\$0.00</b>
	12" Pump	5		each	<b>\$0.00</b>
<b>8 Pump Operation, Per Hour/Per Pump</b>					
	4" Pump	6		hour	<b>\$0.00</b>
	6" Pump	6		hour	<b>\$0.00</b>
	8" Pump	6		hour	<b>\$0.00</b>
	10" Pump	6		hour	<b>\$0.00</b>
	12" Pump	6		hour	<b>\$0.00</b>
<b>TOTAL - GROUP 2, SECTION A</b> <b>(items 1-8)</b>					<b>\$0.00</b>



**ATTACHMENT H, PRICING FORM (Revised) - IFB No. 21-R075323JH**  
**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
**Addendum No. 1**

**Bidder Name:** \_\_\_\_\_

DESCRIPTION	SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>GROUP 2, SECTION B</b>					
<b>Miscellaneous Items</b>					
<b>1</b> Mechanical cutting for grease or mineral deposits (heavier process than root cutting, not as heavy as tuberculation cutting (all sizes)		30		linear foot	<b>\$0.00</b>
<b>2</b> Main line air testing and grouting of joints.	8"-24"	1,000		each joint	<b>\$0.00</b>
<b>3</b> Void grouting by the cubic yard		2		each joint	<b>\$0.00</b>
<b>4</b> Lateral cleaning		1,000		linear foot	<b>\$0.00</b>
<b>5 Traffic Control</b>					
Flagman (each)		2		day	<b>\$0.00</b>
Supervisor		1		day	<b>\$0.00</b>
Non-Electronic Signage (each)		4		day	<b>\$0.00</b>
Arrowboard (each)		2		day	<b>\$0.00</b>
Cones (each)		2		day	<b>\$0.00</b>
Barricades (each)		2		day	<b>\$0.00</b>
Lane dividers (each)		4		day	<b>\$0.00</b>
Variable message board		4		day	<b>\$0.00</b>
Light tower		2		day	<b>\$0.00</b>
Hammer tap removal		5		each	<b>\$0.00</b>
Easement access, additional	<12" Diameter	100		linear foot	<b>\$0.00</b>
Easement access, additional	>12" Diameter	100		linear foot	<b>\$0.00</b>
Blind shot set up		50		each	<b>\$0.00</b>
Wellpointing / dewatering		1		lump sum	<b>\$0.00</b>
<b>6</b> Mobilization / Demobilization (projects in excess of \$100,000), including Performance and Payment Bond		100,000		%	<b>\$0.00</b>
<b>7</b> Mobilization / Demobilization (projects less than \$100,000), without Performance and Payment Bond		25,000		%	<b>\$0.00</b>
<b>TOTAL - GROUP 2, SECTION B</b> (items 1-7)					<b>\$0.00</b>
<b>GROUP 3 - SECTION A</b>					
<b>Line &amp; Manhole Rehabilitation</b>					
<b>Method 1</b>					
<b>Manhole Surfacing</b>					
<b>Corrosion Protection of Manholes</b>					
<b>1 Corrosion Protection, 1/4" thickness (6mm)</b>					
	48"	40		vertical foot	<b>\$0.00</b>
	60"	20		vertical foot	<b>\$0.00</b>
	72"	15		vertical foot	<b>\$0.00</b>
<b>2 Injection Grouting</b>					
	0' to 5' Manhole Depth	20		per manhole	<b>\$0.00</b>
	5' 1" to 10' Manhole Depth	20		per manhole	<b>\$0.00</b>
	10' 1" to 15' Manhole Depth	20		per manhole	<b>\$0.00</b>
	15' 1" to 20' Manhole Depth	20		per manhole	<b>\$0.00</b>
	>20' Manhole Depth	20		per manhole	<b>\$0.00</b>
<b>3</b> Vacuum Jet Cleaning		40		per manhole	<b>\$0.00</b>
<b>4</b> Removal of Existing Liner		20		vertical foot	<b>\$0.00</b>
<b>5</b> Void Grouting		40		cubic yard	<b>\$0.00</b>
<b>TOTAL - GROUP 3, SECTION A</b> (items 1-5)					<b>\$0.00</b>

**ATTACHMENT H, PRICING FORM (Revised) - IFB No. 21-R075323JH**  
**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
**Addendum No. 1**

**Bidder Name:** \_\_\_\_\_

DESCRIPTION		SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>GROUP 3, SECTION B</b> <b>Line &amp; Manhole Rehabilitation -</b> <b>Method 2</b> <b>Manhole Surfacing;</b> <b>Structural Rehabilitation of Manholes</b>						
<b>1</b>	<b>Application</b>					
		1/2" thickness (13mm)	40		vertical foot	<b>\$0.00</b>
		1" thickness (25mm)	20		vertical foot	<b>\$0.00</b>
<b>2</b>	<b>Bench / Invert Repair</b>					
			20		each manhole	<b>\$0.00</b>
<b>3</b>	<b>Injection Grouting</b>					
		0' to 5' Manhole Depth	20		each manhole	<b>\$0.00</b>
		5' 1" to 10' Manhole Depth	20		each manhole	<b>\$0.00</b>
		10' 1" to 15' Manhole Depth	20		each manhole	<b>\$0.00</b>
		15' 1" to 20' Manhole Depth	20		each manhole	<b>\$0.00</b>
		>20' Manhole Depth	20		each manhole	<b>\$0.00</b>
<b>4</b>	<b>Vacuum Jet Cleaning</b>					
			20		cubic yard	<b>\$0.00</b>
<b>5</b>	<b>Removal of Existing Liner</b>					
			20		each manhole	<b>\$0.00</b>
<b>6</b>	<b>Void Grouting</b>					
			20		vertical foot	<b>\$0.00</b>
<b>7</b>	<b>By-Pass Pumping</b>					
		8" Sewer Flow	3,000		linear foot	<b>\$0.00</b>
		10" Sewer Flow	3,000		linear foot	<b>\$0.00</b>
		12" Sewer Flow	3,000		linear foot	<b>\$0.00</b>
		15" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
		18" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
		20" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
		24" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
		30" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
		36" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
		42" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
		48" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
		54" Sewer Flow	4,000		linear foot	<b>\$0.00</b>
		>54" Sewer Flow	2,000		linear foot	<b>\$0.00</b>
<b>8</b>	<b>Manhole Rim Replacement</b>					
		1 - 5 Inches	12		each	<b>\$0.00</b>
		6 - 10 Inches	15		each	<b>\$0.00</b>
		11 - 20 Inches	15		each	<b>\$0.00</b>
		20 Plus Inches	15		each	<b>\$0.00</b>
<b>TOTAL - GROUP 3, SECTION B</b> <b>(items 1-8)</b>						<b>\$0.00</b>

**ATTACHMENT H, PRICING FORM (Revised) - IFB No. 21-R075323JH**  
**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
**Addendum No. 1**

**Bidder Name:** \_\_\_\_\_

DESCRIPTION	SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>GROUP 3, SECTION C</b> <b>Miscellaneous Items</b>					
<b>1 Traffic Control</b>					
Flagman (each)		2		day	\$0.00
Supervisor		1		day	\$0.00
Non-Electronic Signage (each)		4		day	\$0.00
Arrowboard (each)		2		day	\$0.00
Cones (each)		2		day	\$0.00
Barricades (each)		2		day	\$0.00
Lane dividers (each)		4		day	\$0.00
Variable message board		4		day	\$0.00
Light tower		2		day	\$0.00
Easement access, additional	<12" Diameter	100		linear foot	\$0.00
Easement access, additional	>12" Diameter	100		linear foot	\$0.00
Wellpointing / dewatering		1		lump sum	\$0.00
<b>2</b> Mobilization / Demobilization (projects in excess of \$100,000), including Performance and Payment Bond		100,000		%	\$0.00
<b>3</b> Mobilization / Demobilization (projects less than \$100,000), without Performance and Payment Bond		25,000		%	\$0.00
<b>4</b> PACP manhole inspections - Level 1 - Visual inspection and report of observations		10,000		linear foot	\$0.00
<b>5</b> PACP manhole inspections - Level 2 - CCTV inspection and data capture computer reports - including measurements of manhole data		10,000		linear foot	\$0.00
<b>TOTAL -GROUP 3, SECTION C</b> <b>(items 1-5)</b>					\$0.00
<b>GROUP 4, SECTION A</b> <b>Sanitary Sewer Rehabilitation</b> <b>LATERAL LINING</b> <b>(section/piece/point) Trenchless</b> <b>Pipe Reconstruction - CIPP</b>					
<b>1 Main or Lateral Reconstruction</b>					
Additional; clean out installation, grassed area	0' to 4'	1,000		linear foot	\$0.00
Additional; clean out installation, grassed area	>4'	1,000		linear foot	\$0.00
Additional; clean out installation, paved area	0' to 4'	1,000		linear foot	\$0.00
Additional; clean out installation, paved area	>4'	1,000		linear foot	\$0.00
Trenchless lateral cleaning and reconstruction system	0' to 30'	500		each	\$0.00
Trenchless lateral cleaning and reconstruction system	>30'	500		each	\$0.00
<b>2</b> Full wrap at main + 24" into lateral		50		each	\$0.00
<b>3</b> Standard Service Reconnection		500		each	\$0.00
<b>4</b> Service with pressure grouting		500		each	\$0.00
<b>5</b> Lateral reinstatement cutting of defective lateral opening		100		each	\$0.00
<b>6</b> Hammer tap removal		50		each	\$0.00
<b>7 Lateral Grouting, Sanitary Sewer</b>					
	6" Diameter, < 50' Run	20		each	\$0.00
	6" Diameter, > 50' Run	20		each	\$0.00
	8"-12" Diameter, < 50' Run	20		each	\$0.00
	8"-12" Diameter, > 50' Run	20		each	\$0.00
<b>8 TV Inspection - Sewer Lateral</b>					
	0' to 30'	10		each	\$0.00
	>30'	10		linear foot	\$0.00
<b>TOTAL - GROUP 4, SECTION A</b> <b>(items 1-8)</b>					\$0.00

**ATTACHMENT H, PRICING FORM (Revised) - IFB No. 21-R075323JH**  
**(Sanitary Sewer, Stormwater, Line & Manhole Rehabilitation Services)**  
**Addendum No. 1**

**Bidder Name:** \_\_\_\_\_

DESCRIPTION	SIZE	EST ANNUAL QTY	PRICE	UOM	EXTENDED PRICE
<b>GROUP 4, SECTION B</b> <b>Miscellaneous Items</b>					
<b>1 Traffic Control</b>					
Flagman (each)		2		day	<b>\$0.00</b>
Supervisor		1		day	<b>\$0.00</b>
Non-Electronic Signage (each)		4		day	<b>\$0.00</b>
Arrowboard (each)		2		day	<b>\$0.00</b>
Cones (each)		2		day	<b>\$0.00</b>
Barricades (each)		2		day	<b>\$0.00</b>
Lane dividers (each)		4		day	<b>\$0.00</b>
Variable message board		4		day	<b>\$0.00</b>
Light tower		2		day	<b>\$0.00</b>
Easement access, additional	<12" Diameter	100		linear foot	<b>\$0.00</b>
Easement access, additional	>12" Diameter	100		linear foot	<b>\$0.00</b>
Wellpointing / dewatering		1		lump sum	<b>\$0.00</b>
<b>2</b> Mobilization / Demobilization (projects in excess of \$100,000), including Performance and Payment Bond		100,000		%	<b>\$0.00</b>
<b>3</b> Mobilization / Demobilization (projects less than \$100,000), without Performance and Payment Bond		25,000		%	<b>\$0.00</b>
<b>TOTAL -GROUP 4, SECTION B</b> <b>(items 1-3)</b>					<b>\$0.00</b>
<b>NOTE TO POTENTIAL BIDDERS:</b> <b>ESTIMATED ANNUAL QUANTITY COLUMN IS LOCKED. PRICING ENTERED</b> <b>WILL AUTOMATICALLY CALCULATE EXTENDED PRICING / TOTALS.</b>					