

UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA
200 CANAL STREET
P.O. BOX 100
NEW SMYRNA BEACH, FL 32170-010

ITB #06-19
SANITARY SEWER REHABILITATION – SYSTEMS 10 & 11

DATE: February 22, 2019

RE: Bid No. 06-19 **ADDENDUM NO. 01**

To prospective vendors:

The Utilities Commission is issuing the following addendum. **As such it becomes an integral part of the proposal and must be acknowledged by the return of this signed form, with your proposal form, acknowledging receipt of the addendum.**

Bidders shall note the following statements when preparing bids for evaluation:

- a) Pages 28, 31 and 32 have been revised and are attached. Revisions are depicted in red.
- b) The **COMMISSION** will not require a Pre or Post Surface Video; however, it will be the Contractor's responsibility to restore any asphalt, sidewalk, sod, landscape, etc. that is damaged during construction.
- c) The **COMMISSION** will not require a post video for manholes.
- d) The **COMMISSION** has not confirmed material, size or condition of all the pipe and manholes in this scope of work. It is the Contractor's responsibility to confirm during pre-video inspection.
- e) The Linear Footage and Vertical Feet quantities are estimated. It is the Contractor's responsibility to supply supporting documents to the **COMMISSION** for all quantities per each pay application.

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- f) Typically, this scope of work falls under “maintenance” and may not require a permit. If a permit is required, the **COMMISSION** will obtain said permit.
- g) Should a right-of-way agency require a Maintenance of Traffic Plan, it will be the Contractor’s responsibility to produce said plan for approval.
- h) Road closures in the City of New Smyrna Beach right-of-way will require City Commission approval.
- i) As part of a current sewer rehabilitation project, Canal St., from S. Riverside Dr. to US 1, gravity sanitary sewer pipe and manholes will be lined. See revised Bid Tabulation quantities.
- j) Contractor is responsible for staging area and storage of materials. The **COMMISSION** will pay for installed materials only.
- k) The **COMMISSION** will coordinate high and low flows at each location with the Contractor.
- l) Construction may be dependent on non-peak flow periods; therefore, some work may be outside typical business hours, prior to 8:00 A.M. and after 5:00 P.M.

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BIDDER questions are in black. **COMMISSION** responses are in blue.

1. I was wanting to see what epoxy you are calling out for in the spec of this project to see if Madewell is approved or can get approved.

The approved manhole liners have been issued and will not be revised. After the award of bid, you may contact the **COMMISSION** to present your product for future projects.

2. In regards to the subject bid, I would like to submit the attached mainstay system by Madewell products for manhole lining. This product is extremely comparable to the specified products and used in many other municipalities as an equal product.

The approved manhole liners have been issued and will not be revised. After the award of bid, you may contact the **COMMISSION** to present your product for future projects.

3. On page 9 of the bid docs, on #30 – Warranty and Acceptance – it states “All material shall be new and workmanship shall be first class in every respect. The work shall be subject to inspection and acceptance by **COMMISSION**. Contractor guarantees its work hereunder for a period of twelve (12) months after completion and acceptance of the work unless otherwise set forth herein.” But on page 28 of the bid docs – Tab# 7 - Other Information – the bid docs states the contractor needs to initial for a 5 year workmanship warranty AND a 10 year product warranty. Can the City of New Smyrna Beach clarify what the exact warranty (time frame) will be for CIPP lining portion of the project? Industry standard is a one year warranty on CIPP lining. A max of a 5 year CIPP lining warranty is recommended.

The Utilities Commission, City of New Smyrna Beach is a separate entity than the City of New Smyrna Beach.

The product warranty has been revised to 5 years. See revised page 28 attached.

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4. Can the Utilities Commission consider adding a bid item for sewer service reinstatements? There is no way to verify the number of sewer services that require reinstating. A bid item for sewer service reinstatements is typical in sewer CIPP bids.
There are approximately 1,450 sewer lateral connections. See revised Bid Tabulation, page 31 attached.

5. The bid specifications require the contractor to provide a one year warranty for materials and installation; however; page 28 of the bid form, tab #7, has a line item for a 5 year workmanship warranty and a 10 year product warranty. The Utilities Commission may want to consider the contractor provide a 5 year bonded warranty which guarantees the warranty should the contractor fail to correct warranty issues.
The product warranty has been revised to 5 years. See revised page 28 attached.

6. Could you please provide more detail information regarding this project, specifically:
 - An Excel sheet showing details for each segment of sewer, including depths and the number of service connections.
 - The estimated linear foot and vertical foot listed in the Bid Tabulation is based on the best available information that the **COMMISSION** has to-date. An excel sheet will not be supplied.
 - The pipe and manholes depths vary from 4 feet to 15 feet.
 - See statements d) and e) on page 1 of this Addendum.
 - There are approximately 1,450 sewer lateral connections. See revised Bid Tabulation, page 31, attached.

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- Flow rates for the 18, 21 and 24 inch for bypassing design. The **COMMISSION** does not supply flow rates for bypass pumping. See statements k) and l) on page 2 of this Addendum.
- The Bid Form indicates a not to exceed amount of \$750 per day for bypass. It is very doubtful that the 18 inch and larger lines can be bypassed safely for \$750 per day. Please open this item up to a lump sum amount.

The **COMMISSION** will keep the Bypass Pumping Allowance at \$750/day. The **COMMISSION** has used this bid item format in recent projects for 18” and larger pipes without issue.

7. How much does the Owner anticipate spending on this contract during its term?

The cost estimate for this project is \$3,800,000.00.

8. Please provide any CCTV videos that are available for the lines included in the bid. As discussed at the Pre-bid meeting, please advise if the Bid Tabulation Sheet is going to be revised, to show the number of laterals to be reinstated.

The **COMMISSION**'s files are old and do not reflect the current condition of the pipe; therefore, the videos/files will not be issued as part of this Addendum. See statements d) and e) on page 1 of this Addendum.

9. Will the Owner award to multiple Contractors?

This project will be awarded to one Contractor. In order for a **BIDDER** to have their bid evaluated, all unit prices shall be included in the Total Bid Cost.

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10. How will the owner anticipate issuing work orders? Will they be issued as singles or grouped together as packages?

The **COMMISSION** will issue one Purchase Order to the awarded Contractor.

11. How will the contractor be required to respond to single work orders? Will there be a minimum work order amount provided to help cover mobilization?

The **COMMISSION** will pay for installed quantities via monthly pay applications based on the issued Purchase Order.

12. Has the owner utilized a similar contract previously? If so, who held the contract?

Yes. J&H Waterstop Utilities, Inc.

13. Will a pre-video inspection be required?

Yes.

14. Can the post installation inspection videos be completed after the manhole rehabilitation scope is fully completed?

Post videos on the pipe liner shall be performed after the lateral reinstatements are complete in each segment of pipe. Post videos on manhole liners have been eliminated from this scope of work. See statement c) on page 1 of this Addendum.

15. Is there any type of report to be completed for the post-installation video or just the images?

A report is required on pipe liner post videos. See response to question 14. The required report shall include a copy of the video and documentation of the distances between

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manholes and distance of each lateral reinstatement to a manhole. The report shall be in digital format.

16. What does it mean that the contractor shall be responsible for confirming location of all inverts?

It means that the Contractor is responsible to determine the depth, direction, condition, size and number of inverts in each manhole and apply liner as to make said inverts fully operational and leave all inverts in better condition than found. (The statement “confirm location of all inverts” can be found in the Manhole Liner Specification, page 8.)

17. What are the limits of the manhole lining, walls & benches only & no inverts?

Manhole Liner unit cost shall include all labor, materials and equipment necessary to line sanitary sewer manholes, including cleaning, surface preparation/grout repair, crack/leak repair and final coat/liner on walls, channels and benches. See revised page 32 attached.

18. Was any consideration given for a 10 year warranty on the manhole linings?

The product warranty has been revised to 5 years. See revised page 28 attached.

19. In regards to the subject bid, I would like to submit Global Liner as an approved liner manufacturer. Please see attached the submittal documents for Global Liner, let me know if you have any further questions or need any other documentation.

All Cured-In-Place Pipe liner manufacturers must meet the Cured-In-Place (CIPP) Specification, Section 02740, supplied in the bid document. Once the bids are opened, the **COMMISSION** will review the bids and listed manufacturers to make sure the specifications are met.

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20. The plans show 12” sewer to be lined on Canal St. These lines were included in a CIPP Bid in 2018 as part of System 2 Improvements. Were they ever lined as a part of that project?

See revised Bid Tabulation, page 31, attached. See statement i) on page 1 of this Addendum.

21. Will the UCNSB provide a location at their WWTP to dump silt and debris removed from the Sewer during the cleaning process?

The **COMMISSION** will supply a location for dumping wastewater; however, the Contractor will be required to dispose of any debris, such as construction trash and left over liner materials.

22. Some of this work may need to be performed at night. Will the Commission allow for night work?

The **COMMISSION** will acquire all right-of-way permits / permission from the right-of-way agencies to work at night. It is understood by the **COMMISSION** that this scope of work will require night work. See statements k) and l) on page 2 of this Addendum.

23. What are the allowable daytime working hours?

7am to 7pm per City of New Smyrna Beach code. Any work outside these hours will require permission.

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24. Section 02740 (CIPP SPECS) mentions tensile testing but no minimum properties.

Would the City consider removing all tensile testing from the bid? Tensile testing is NOT applicable to gravity CIPP per ASTM F1216. Tensile forces are those that put strain on the pipe/liner as it pushes outward and is applicable in pressure pipe situations.

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Specification ASTM D2990 Standard Test Methods for Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics will remain in Section 02740, Cured-In-Place Pipe (CIPP) Specification, Parts 1B & 4A and may be applied where necessary. The **COMMISSION** has issued this specification for similar projects without issue.

25. How will water be provided for the job? Are there any cost associated with getting access to water and who will pay?

The awarded Contractor will be responsible for all water used to complete this scope of work. The Contractor will be required to create an account with the **COMMISSION**'s Billing Department for the construction hydrant meter (\$750 to rent, plus \$35 for a trip fee, plus \$80 deposit). When the meter is returned, in good condition, the \$80 deposit is returned along with a \$600 credit to the account.

26. Will there be a site for Debris Disposal provided or will the contractor have to figure out disposal?

The **COMMISSION** will supply a location for dumping wastewater; however, the Contractor will be required to dispose of any debris, such as construction trash and left over liner materials.

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27. What type of testing is needed to be performed for the Cured-in-place pipe relining and Manholes?

Refer to Section 02750, Manhole Liner Specification, Part 4A. Testing, page 11.

28. Is there flow data available for all sewer line diameters?

The **COMMISSION** does not supply flow rates. See statements k) and l) on page 2 of this Addendum.

29. What is the estimated GPD for lift station #10 on N Riverside Dr?

The **COMMISSION** does not have an estimated GPD; however, Lift Station #10 pumps are rated at 3,240 gpm. The pumps are set to run at 75% by VFDs approximately 20 hours per day. Note, the pumps do not run at anything less than 45%. This makes the calculation of GPD difficult. See statements k) and l) on page 2 of this Addendum.

30. There is an allowance amount of \$75,000 for by pass with a max of \$750/day (line item 17 on bid tab). What happens if a contractor exceeds the allowed amount before the deadline?

The **COMMISSION** will review any overages incurred during construction provided adequate documentation is supplied.

31. Additionally, what happens if the bypass costs exceed the daily max, which may happen with the larger diameter lines that require a more extensive bypass setup?

The **COMMISSION** will keep the Bypass Pumping Allowance at \$750/day. The **COMMISSION** has used this bid item format in recent projects for 18” and larger pipes without issue.

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32. Can the City provide prior itemized bid tabs for previous CIPP lining work (for ex: ITB # 01-18 Systems 1,2,&10)?

The Utilities Commission, City of New Smyrna Beach is a separate entity than the City of New Smyrna Beach.

See attached compiled Bid Tabulation for ITB #01-18.

33. In Section 02740 (CIPP Specs) - C(9) states “The CIPP liner shall not be installed through a manhole. Each liner shall begin and end at a manhole.” Can the City explain this statement in detail? Does it mean the contractor has to be sure that the finished liner is terminated at both ends inside the manhole? Or does it mean there has to be a separate installation from each manhole to manhole and that installations that span middle manholes are not allowed?

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The **COMMISSION** will discuss with the awarded Contractor means and methods of their pipe liner and manhole liner order of operation.

34. In the CIPP specs (Section 02740) E(4) states: “If any of the lateral connection leak water between the host pipe and the installed liner, the connection at the host pipe interface shall be sealed to provide a water tight seal.” It appears this statement makes grouting an incidental item on an as needed basis. Would the City be willing to break that line item out separately as well as put some estimated quantities in the bid tab (or put a dedicated allowance to standardize)? Making a general statement like “If any of the lateral connection leak water between the host pipe and the installed liner, the connection at the host pipe interface shall be sealed to provide a water tight seal” – could cause contactors to inflate pricing which otherwise could be avoided.

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A line item has been added for lateral reinstatements. See revised Bid Tabulation, page 31, attached. This scope of work requires that the final product be water tight, without leaks. Should grout be necessary for the pipe liner manufacturer and/or the pipe liner installer to provide said product, then grout shall be included in the Lateral Reinstatement unit price. Should the post video show leaks, it will be the Contractor's responsibility to correct said leaks.

A Copy of This Signed Form Must Accompany Your Bid Response

Acknowledgment of Receipt of Addenda No. 1:

Company: _____

Title: _____

Signature: _____

Print Name: _____

ITB 01-18 SANITARY SEWER REHABILITATION SYSTEMS 1, 2 & 10			LMR Construction		Ric-Man Construction		Hinterland Group		J&H Waterstop Utilities Inc	
LOCATION 1	QTY	UOM	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
CURED-IN-PLACE PIPE – 21” VITRIFIED CLAY PIPE	1500	LF	\$73.26	\$109,890.00	\$80.00	\$120,000.00	\$76.00	\$114,000.00	\$62.00	\$93,000.00
CURED-IN-PLACE PIPE – 20” IRON PIPE	170	LF	\$75.00	\$12,750.00	\$72.00	\$12,240.00	\$108.00	\$18,360.00	\$65.00	\$11,050.00
CURED-IN-PLACE PIPE – 8” IRON PIPE	310	LF	\$45.00	\$13,950.00	\$32.00	\$9,920.00	\$40.00	\$12,400.00	\$29.00	\$8,990.00
TUBERCULATION REMOVAL	480	LF	\$65.00	\$31,200.00	\$15.00	\$7,200.00	\$30.00	\$14,400.00	\$6.00	\$2,880.00
CURED-IN-PLACE PIPE – 8” VITRIFIED CLAY PIPE	440	LF	\$33.00	\$14,520.00	\$30.00	\$13,200.00	\$35.00	\$15,400.00	\$30.00	\$13,200.00
LINE - 4 FOOT DIAMETER BRICK MANHOLE [16 EACH	142	VF	\$300.00	\$42,600.00	\$240.00	\$34,080.00	\$380.00	\$53,960.00	\$300.00	\$42,600.00
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$18,000.00	\$18,000.00
SUB-TOTAL LOCATION 1			\$225,710.00		\$198,140.00		\$229,420.00		\$189,720.00	
LOCATION 2	QTY	UOM								
CURED-IN-PLACE PIPE – 18” VITRIFIED CLAY PIPE	1500	LF	55	\$82,500.00	\$61.00	\$91,500.00	\$56.00	\$84,000.00	\$53.00	\$79,500.00
LINE - 4 FOOT DIAMETER BRICK MANHOLE [6 EACH	48	VF	300	\$14,400.00	\$240.00	\$11,520.00	\$380.00	\$18,240.00	\$300.00	\$14,400.00
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	800	\$800.00	\$625.00	\$625.00	\$900.00	\$900.00	\$10,000.00	\$10,000.00
SUB-TOTAL LOCATION 2			\$97,700.00		\$103,645.00		\$103,140.00		\$103,900.00	
LOCATION 3	QTY	UOM								
CURED-IN-PLACE PIPE – 8” VITRIFIED CLAY PIPE	2100	LF	33	\$69,300.00	\$30.00	\$63,000.00	\$35.00	\$73,500.00	\$30.00	\$63,000.00
LINE - 4 FOOT DIAMETER BRICK MANHOLE [7 EACH]	66	VF	300	\$19,800.00	\$240.00	\$15,840.00	\$380.00	\$25,080.00	\$300.00	\$19,800.00
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	800	\$800.00	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$9,000.00	\$9,000.00
SUB-TOTAL LOCATION 3			\$89,900.00		\$80,340.00		\$99,480.00		\$91,800.00	
LOCATION 4	QTY	UOM								
CURED-IN-PLACE PIPE – 21” VITRIFIED CLAY PIPE	2875	LF	73.26	\$210,622.50	\$75.00	\$215,625.00	\$77.00	\$221,375.00	\$62.00	\$178,250.00
CURED-IN-PLACE PIPE – 18” VITRIFIED CLAY PIPE	286	LF	55	\$15,730.00	\$65.00	\$18,590.00	\$58.00	\$16,588.00	\$53.00	\$15,158.00
LINE - 4 FOOT DIAMETER BRICK MANHOLE [15 EACH]	140	VF	300	\$42,000.00	\$240.00	\$33,600.00	\$380.00	\$53,200.00	\$300.00	\$42,000.00
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	800	\$800.00	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$18,800.00	\$18,800.00
SUB-TOTAL LOCATION 4			\$269,152.50		\$269,315.00		\$292,063.00		\$254,208.00	

Layne Inliner INSITUFORM

NO BID NO BID

ITB 01-18 SANITARY SEWER REHABILITATION SYSTEMS 1, 2 & 10			LMR Construction		Ric-Man Construction		Hinterland Group		J&H Waterstop Utilities Inc	
LOCATION 5	QTY	UOM								
CURED-IN-PLACE PIPE – 8” VITRIFIED CLAY PIPE	560	LF	33	\$18,480.00	\$30.00	\$16,800.00	\$35.00	\$19,600.00	\$30.00	\$16,800.00
LINE - 4 FOOT DIAMETER BRICK MANHOLE [2 EACH]	8	VF	300	\$2,400.00	\$240.00	\$1,920.00	\$380.00	\$3,040.00	\$300.00	\$2,400.00
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	800	\$800.00	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$9,000.00	\$9,000.00
SUB-TOTAL LOCATION 5			\$21,680.00		\$20,220.00		\$23,540.00		\$28,200.00	
LOCATION 6	QTY	UOM								
CURED-IN-PLACE PIPE –8” VITRIFIED CLAY PIPELINE -	1100	LF	33	\$36,300.00	\$30.00	\$33,000.00	\$35.00	\$38,500.00	\$30.00	\$33,000.00
4 FOOT DIAMETER BRICK MANHOLE [7 EACH]	27	VF	300	\$8,100.00	\$250.00	\$6,750.00	\$380.00	\$10,260.00	\$300.00	\$8,100.00
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	800	\$800.00	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$9,000.00	\$9,000.00
SUB-TOTAL LOCATION 6			\$45,200.00		\$41,250.00		\$49,660.00		\$50,100.00	
LOCATION 7	QTY	UOM								
CURED-IN-PLACE PIPE –30” IRON PIPE	100	LF	114	\$11,400.00	\$145.00	\$14,500.00	\$180.00	\$18,000.00	\$91.00	\$9,100.00
CURED-IN-PLACE PIPE-20” IRON PIPE	50	LF	75	\$3,750.00	\$120.00	\$6,000.00	\$350.00	\$17,500.00	\$65.00	\$3,250.00
TUBERCULATION REMOVAL	150	LF	65	\$9,750.00	\$11.00	\$1,650.00	\$40.00	\$6,000.00	\$6.00	\$900.00
CURED-IN-PLACE PIPE –8” VITRIFIED CLAY PIPE	40	LF	33	\$1,320.00	\$45.00	\$1,800.00	\$250.00	\$10,000.00	\$30.00	\$1,200.00
CURED-IN-PLACE PIPE –6” LATERAL	25	LF	45	\$1,125.00	\$230.00	\$5,750.00	\$300.00	\$7,500.00	\$50.00	\$1,250.00
LINE - 4 FOOT DIAMETER BRICK MANHOLE [3 EACH]	35	VF	300	\$10,500.00	\$240.00	\$8,400.00	\$380.00	\$13,300.00	\$300.00	\$10,500.00
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	800	\$800.00	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$9,000.00	\$9,000.00
SUB-TOTAL LOCATION 7			\$38,645.00		\$39,600.00		\$73,200.00		\$35,200.00	

Layne Inliner INSITUFORM

ITB 01-18 SANITARY SEWER REHABILITATION SYSTEMS 1, 2 & 10			LMR Construction		Ric-Man Construction		Hinterland Group		J&H Waterstop Utilities Inc	
LOCATION 8	QTY	UOM								
CURED-IN-PLACE PIPE –12” VITRIFIED CLAY PIPE	2000	LF	39	\$78,000.00	\$38.00	\$76,000.00	\$44.00	\$88,000.00	\$38.00	\$76,000.00
LINE - 4 FOOT DIAMETER BRICK MANHOLE [3 EACH]	66	VF	300	\$19,800.00	\$240.00	\$15,840.00	\$380.00	\$25,080.00	\$300.00	\$19,800.00
MOBILIZATION, DEMOBILIATION AND MAINTENANCE OF TRAFFIC	1	LS	800	\$800.00	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$15,000.00	\$15,000.00
FEC FLAGGER ALLOWANCE	1	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
SUB-TOTAL LOCATION 8			\$101,600.00		\$96,340.00		\$116,980.00		\$113,800.00	
MISCELLANEOUS	QTY	UOM								
REMOVE PROTRUDING LATERAL	50	EA	300	\$15,000.00	\$250.00	\$12,500.00	\$550.00	\$27,500.00	\$50.00	\$2,500.00
CEMENTITIOUS MANHOLE RECONSTRUCTION	15	EA	350	\$5,250.00	\$2,500.00	\$37,500.00	\$3,500.00	\$52,500.00	\$500.00	\$7,500.00
MANHOLE INVERT RECONSTRUCTION	20	EA	150	\$3,000.00	\$500.00	\$10,000.00	\$850.00	\$17,000.00	\$300.00	\$6,000.00
MANHOLE BENCH/CHANNEL RECONSTRUCTION	20	EA	250	\$5,000.00	\$800.00	\$16,000.00	\$850.00	\$17,000.00	\$250.00	\$5,000.00
FDOT OPEN CUT POINT REPAIR ALLOWANCE	1	LS	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
COUNTY OPEN CUT POINT REPAIR ALLOWANCE	1	LS	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
CITY OPEN CUT POINT REPAIR ALLOWANCE	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
RESTORATION ALLOWANCE	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
BYPASS PUMPING ALLOWANCE (NOT TO EXCEED \$750/DAY)	1	LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
PROJECT CONTINGENCY	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
SUB-TOTAL MISCELLANEOUS			\$128,250.00		\$176,000.00		\$214,000.00		\$121,000.00	
TOTAL PROJECT COST			\$1,017,837.50		\$1,024,850.00		\$1,201,483.00		\$987,928.00	

Layne Inliner INSITUFORM

UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA

ITB #06-19
SANITARY SEWER REHABILITATION – SYSTEMS 10 & 11

TAB #7 Other Information:

5 YEAR WORKMANSHIP WARRANTY ____ *initial here*

5 YEAR PRODUCT WARRANTY ____ *initial here*

ESTIMATED START DATE (MONTH/DAY/YEAR): _____
SUBJECT TO COMMISSION APPROVAL AND COMPLETION OF CONTRACT DOCUMENTS

CURED-IN-PLACE LINER MANUFACTURER: _____

MANHOLE LINER MANUFACTURER: _____

**UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA**

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**BID TABULATION
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BIDDER NAME: _____

Item No.	Description	Est. Quantity	Unit	Unit Price	Total
1	Mobilization/Demobilization	1	LS	\$	\$
2	Maintenance of Traffic	1	LS	\$	\$
3	6" Cured-In-Place Pipe	1,500	LF	\$	\$
4	8" Cured-In-Place Pipe	49,000	LF	\$	\$
5	10" Cured-In-Place Pipe	4,400	LF	\$	\$
6	12" Cured-In-Place Pipe	4,600	LF	\$	\$
7	15" Cured-In-Place Pipe	650	LF	\$	\$
8	18" Cured-In-Place Pipe	5,200	LF	\$	\$
9	21" Cured-In-Place Pipe	3,400	LF	\$	\$
10	24" Cured-In-Place Pipe	100	LF	\$	\$
11	Tuberculation Removal	3,000	LF	\$	\$
12	Epoxy Manhole Liner	1,940	VF	\$	\$
13	Structural Manhole Liner	250	VF	\$	\$
14	Manhole Bench/Channel/Invert Rehabilitation	50	EA	\$	\$
15	Bag Liner Removal	10	EA	\$	\$
16	Protruding Lateral Removal	50	EA	\$	\$
17	Bypass Pumping Allowance (Not To Exceed \$750/Day)	1	LS	\$ 75,000.00	\$ 75,000.00
18	Project Contingency	1	LS	\$ 200,000.00	\$ 200,000.00
19	Lateral Reinstatement	1,450	EA	\$	\$

TOTAL NUMERIC BID COST \$ _____

TOTAL WRITTEN BID COST: _____

UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA

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BID TABULATION
page 2 of 2

BIDDER NAME: _____

- The above listed quantities are estimated. Payment of final quantities shall be based on installed materials and completed work. After Award of Bid, it is the Contractor's responsibility to verify quantities prior to ordering materials.
- Cured-In-Place Pipe unit cost shall include all labor, materials and equipment necessary to line sanitary sewer pipe, including cleaning, preparation, root removal, removal & disposal of material(s) generated from pipe cleaning/preparation/root removal, manhole connections, pre-lining video (after pipe is cleaned/prepped), reinstatement of all existing lateral connections, sealing all manhole wall and lateral reinstatement connections, post-lining video (after lining and lateral reinstatements), testing and clean-up.
- Manhole Liner unit cost shall include all labor, materials and equipment necessary to line sanitary sewer manholes, including cleaning, surface preparation/grout repair, **crack/leak repair** and final coat/liner **on walls, channels and benches**. The Structural Liner Bid Item shall be approved in writing by the **COMMISSION**'s Director of Engineering and/or Project Manager for manholes in substandard condition.
- The Bypass Pumping Allowance Bid Item monies shall be included in the total bid cost. The Contractor is responsible for all by-pass pumping, where necessary, to complete this scope of work. The **COMMISSION** will pay a unit cost, not to exceed, \$750 Per Day for by-pass pumping. The Unit "Per Day" for by-pass pumping shall be continuous running of pumps for no less than 12 hours. The **COMMISSION** will coordinate high and low flows at each location with the Contractor. Payment for Bypass Pumping will be made for actual work completed. Any monies unused from this Bid Item will be returned to the **COMMISSION** via a deduct change order.
- The Project Contingency Bid Item monies shall be included in the total bid cost. Examples of work that fall under this Bid Item are supplemental preparation work on pipe or manholes, open cut pipe repair, pavement restoration, greenspace restoration, ring and cover replacement, etc. The Contractor shall get written approval by the **COMMISSION**'s Director of Engineering and/or Project Manager for all work under this Bid Items. Payment for Project Contingency approved work will be made for actual work completed. Any monies unused from this Bid Item will be returned to the **COMMISSION** via a deduct change order.
- After Award of Bid, Contractor shall present the **COMMISSION** with a detailed plan defining the Cured-In-Place Pipe Liner and Manhole Liner order of operation and schedule of work.
- The **COMMISSION** will obtain all Right-of-Way permits required for this scope of work.
- Maintenance of Traffic shall adhere to FDOT Design Standards, Section 600, current edition. The Contractor will be responsible for all Maintenance of Traffic plans, to be submitted and approved to the Right-of-Way agency, and all Maintenance of Traffic devices. All unit costs shall reflect night work, where required by Right-of-Way Agency.
- All work shall adhere to Occupational Health and Safety Administration (OSHA) standards, current edition.
- All work is subject to the **COMMISSION**'s inspection.