

The first Sanitary Sewer Overflow Advisory Committee was called to order on 10/8/24 at 205pm. Present were Patrick Burtch, City Administrator; Alan Lehenbauer, Law Director; Gina Schell, Assistant to the City Administrator; Matt Miles, Capital Projects Manager; Jennifer Harkey, Finance Director; Nancy Gagnet, Public Information Officer; Kasey Van Wormer, Municipal Clerk; Margo Puffenberger and Jon Fiscus, City Council; Rosemarie Barciz, John Sayre, Ric Hardy, John Wagner, Julie Koralewski, and Chelsea Ziss (via phone), CMAC.

Commencing the meeting, Dr. Burtch gave updates in a detailed Power Point regarding the SSES and the EPA. Discussed plans and negotiations with importance of avoiding the need for storage and achieving as much reduction as possible, commencing immediately. Discussed REUs and fixed rates, noting that current rate is valid til 2029 and explored risks. Compared actions of other cities such as Columbus and Elyria, differentiating commonalities and differences in Maumee's situation.

Dr. Burtch proposed a grant/loan program, with qualifications for each tier discussed and amended with mention of enumerated amounts to be considered with documentation in an effort to protect our most vulnerable citizens. Where loans are involved, property liens will be in place to avoid default. Grant/loan program is subject to legal review and Attorney General approval.

Discussed monthly water bills, noting the added costs to the city (personnel, increased calls, payment process- need for paperless and electronic billing) and impact on residents. Clarification was given regarding misconceptions of "minimum charge" as readiness to serve.

As for fixes, noted where contractors would continue on property and what residents would be responsible for securing/arranging/repairing with their own contractor, providing 2 quotes to submit for approval. Inspections must be done by the City to ensure needs are clear and correct as well as avoid price gouging. No charges will be associated with inspections. All agreed that point of sale was not enough to make an impact. Possible incentives were explored to apply early for inspection and repairs; importance of urgency being stressed. Discussed the inevitable need for an ordinance for inspection and enforcement once terms and parameters are established. All understood. CMAC to discuss with their members with next meeting set for October 16th at 2pm.

Adjourned at 4pm.

The Sanitary Sewer Overflow Advisory Committee was called to order on 10/16/24 at 205pm. Present were Patrick Burtch, City Administrator; Jennifer Harkey, Finance Director; Nancy Gagnet, Public Information Officer; Kasey Van Wormer, Municipal Clerk; Margo Puffenberger and Jon Fiscus, City Council; Rosemarie Barciz, John Sayre, Ric Hardy, Julie Koralewski, and Chelsea Ziss, CMAC.

Dr. Burtch presented an updated proposal which included tiers within each income qualification and grant/loan ratio. Incentives were explored and most benefit those who act early and take care of the fix in 2025. Credits can be given based on income but not age. Benefits decrease each year (interest on loans increase by percentage). Fees would continue until loan is paid back (Citywide). Discussed what-if scenarios regarding number of residents signing up and parameters of conducting inspections. Discussed who decides where to begin and nominating each year for amount to cover.

Clarification as to loan being paid via property taxes but lien will still be placed to avoid default. Discussed decision to seek a resolution to endorse vs. ordinance and explained the meaning of declaring an emergency simply meaning immediate action by Council. Concerns were explored regarding the \$12 fee but comparison with other options still set this path as the most favorable based on feedback from residents at the roundtables, noting that giving up other projects will not adequately offset the I&I.

While no checklist exists for the inspection as each house is different, the City can develop a protocol so residents know what to expect with the process of inspection.

On Wednesday October 16, 2024 at 4pm, the Public Information Committee held a meeting after proper notice was given to the public. In attendance were Jon Fiscus, Committee Chair; Margo Puffenberger and Scott Noonan, committee members; Josh Harris and Phil Leinbach, council members; Patrick Burtch, city administrator; Nancy Gagnet, public information officer; Alan Lehenbauer, law director; and Valerie Giovanucci and Dave Poeppelmeier, residents.

The first item discussed was the usage of the city's Facebook page. It was stated that it would be beneficial to create more frequent posts to improve engagement with the community. Ms Gagnet shared that she has been working on a series of posts that could be shared daily that would include various information pertinent to the city. She is continuing to create informative posts that will be able to be shared. Sharing the video recordings of council meetings to the Facebook page was also suggested.

The second item discussed was ways to improve community involvement. After having discussion with the mayor, Mr Fiscus suggested the idea of creating a Citizen Engagement Group, which would create a conduit for residents and the city to share information and feedback. The initial thoughts were that a 5-person membership from the community, with one representative from Council would likely be the best route. Meetings would likely be held bi-monthly. Mr Lehenbauer shared that some rules of the group would have to be made before the group could officially be created. In the meantime, residents would be able to submit letters of interest to the city and members could be ready to appoint when the rules are set and the group is officially started.

Finally, general communication issues and ideas were discussed. Ms. Puffenberger expressed interest in creating informational meetings, much like what the Environmental Commission currently holds. Various topics could be discussed in an effort to further engage and educate the community on various happenings in the city. Another idea suggested was Citizen's Civic Academy. Dr Burtch shared that he has been working on a curriculum for such a program, but has not yet completed what would be included. It would be similar to the Citizen Academy the police department holds each year. The final idea discussed was holding tours of the various pump stations to help demonstrate some of the challenges the city faces with sewer issues. While in person tours would require some liability waivers, the idea of doing a video tour was discussed and can be considered.

Mr Fiscus moved to adjourn at 5pm, Ms Puffenberger seconded. Motion carried 3-0.



MEMO TO: Mayor and City Councilmembers

FROM: Patrick H. Burtch, City Administrator

DATE: October 21, 2024

SUBJECT: Authorize entering an agreement with Visu-Sewer from Reynoldsburg, Ohio to perform sanitary sewer lining in the Uptown area of Maumee.

Recommendation:

Authorize an agreement with Visu-Sewer of Ohio, LLC for Maumee 2024 Sanitary Sewer Lining Improvements in an amount not to exceed \$245,105.25.

Attached is a memo from Matthew Miles, Capital Projects Manager discussing history, background and budgetary considerations for the above referenced project. As posited by the Capital Projects Manager, this agreement is necessary to continue reformation work within the sanitary sewer to eliminate the infiltration of stormwater as directed by the Ohio EPA Directors Final Findings and Orders.

City Administration recommends authorizing this agreement. Your consideration and concurrence is appreciated.

PHB

City of Maumee DEPARTMENTAL REPORT

MEMO TO: Patrick Burtch, City Administrator

FROM: Matthew Miles, Capital Projects Manager

DATE: October 21, 2024

RECOMMENDATION: Authorize an agreement with Visu-Sewer of Ohio, LLC for Maumee 2024 Sanitary Sewer Lining Improvements in an amount not to exceed \$245,105.25.

SUMMARY

Authorize entering an agreement with Visu-Sewer from Reynoldsburg, Ohio to perform sanitary sewer lining in the East End area of Maumee.

BUDGETARY CONSIDERATIONS

Funding for this agreement will be funded under the 2024 capital improvements budget for sanitary sewer.

HISTORY, BACKGROUND and DISCUSSION of the ISSUE

TD Engineering, Inc. was retained by the City to provide design and bidding services relative to sanitary sewer relining in the East End area. This project is aimed at reducing infiltration from aging sewer pipes and manholes in the area of Cady, Richland, Kirk, and Rosedale encompassing over 6,500 feet of sanitary sewer mainline and directly responds to Ohio EPA orders for the City to control the amount of stormwater entering the sanitary sewer system. A request for bids was published per state guidelines and responses were received from seven companies by this office. TD Engineering reported during their review that the apparent low bidder, Visu-Sewer of Ohio, LLC, has performed similar projects in the past for several local communities without issue and performed the phase 1 lining for the City of Maumee with positive results. Visu-Sewer has also been awarded the Uptown Phase 2 and Phase 3 projects with Phase 2 currently underway. TD Engineering and this office therefore recommend awarding the contract to Visu-Sewer of Ohio, LLC of Reynoldsburg, Ohio.

POSITIONS

Requested action is for Maumee City Council to authorize an agreement with Visu-Sewer of Ohio, LLC to perform sanitary sewer lining services.

NOTICE OF AWARD

Date of Issuance: October 21, 2024
Owner: CITY OF MAUMEE Owner's Project No.: _____
Engineer: TD ENGINEERING, LLC Engineer's Project No.: 2024006
Project: MAUMEE 2024 SANITARY SEWER LINING IMPROVEMENTS
Contract Name: MAUMEE 2024 SANITARY SEWER LINING IMPROVEMENTS
Bidder: VISU-SEWER OF OHIO, LLC
Bidder's Address: 6508 Taylor Road SW, Reynoldsburg, OH 43068

You are notified that Owner has accepted your Bid dated August 27, 2024 for the above Contract, and that you are the Successful Bidder and are awarded a Contract for:

MAUMEE 2024 SANITARY SEWER LINING IMPROVEMENTS

The Contract Price of the awarded Contract is \$ Two hundred forty-five thousand one hundred five dollars and twenty-five cents (\$245,105.25). Contract Price is subject to adjustment based on the provisions of the Contract, including but not limited to those governing changes, Unit Price Work, and Work performed on a cost-plus-fee basis, as applicable.

Three (3) unexecuted counterparts of the Agreement accompany this Notice of Award, and one copy of the Contract Documents accompanies this Notice of Award, or has been transmitted or made available to Bidder electronically.

☒ Drawings will be delivered separately from the other Contract Documents.

You must comply with the following conditions precedent within 15 days of the date of receipt of this Notice of Award:

1. Deliver to Owner **three (3)** counterparts of the Agreement, signed by Bidder (as Contractor).
2. Deliver with the signed Agreement(s) the Contract security (such as required performance and payment bonds) and insurance documentation, as specified in the Instructions to Bidders and in the General Conditions, Articles 2 and 6.
3. Other conditions precedent (if any): **[NONE]**

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

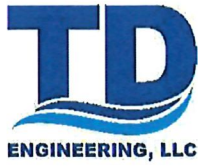
Within 10 days after you comply with the above conditions, Owner will return to you one fully signed counterpart of the Agreement, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

Owner: CITY OF MAUMEE
By (signature): _____
Name (printed): _____
Title: _____
Copy: Engineer

EJCDC® C-510, Notice of Award.

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SECTION 00510 - Page 1 of 1



SW Ohio Office
6146 Lakota Dr
Cincinnati, OH 45243
(513) 607-8397

NW Ohio Office
3909 Woodmont Rd
Toledo, OH 43613
(419) 265-2400

October 11, 2024

Mr. Matt Miles
Capital Projects Manager
City of Maumee
400 Conant Street
Maumee, OH 43537

Re: Maumee 2024 Sanitary Sewer Lining
Bid Results
Project No. 2024006

Dear Mr. Miles:

On Tuesday, August 27, 2024, bids were received at the City of Maumee until 10:00 a.m. for the 2024 Sanitary Sewer Lining project in Maumee. At that time and place seven (7) bids were received.

The results of the bidding are tabulated on the attached sheet for your review.

We have reviewed the bids, and the apparent low bidder is Visu-Sewer of Ohio, LLC from Reynoldsburg, Ohio in the amount of \$245,105.25. This bid is below the engineer's estimate of \$309,000.00. We have reviewed the bids. Based on our review, it is our recommendation to award the contract to the low bidder, Visu-Sewer of Ohio, LLC.

If you have any questions or need any additional information, please contact me at your earliest convenience at 419-265-2400.

Yours truly,

TD Engineering, LLC

A handwritten signature in blue ink that reads 'Steven J. Darmofal'. The signature is written in a cursive, flowing style.

Steven J. Darmofal, P.E.
Principal Engineer/Member

Attachment

**MAUMEE 2024 SANITARY SEWER LINING
BID TABULATION
BID OPENING - AUGUST 27, 2024**

ENGINEER: TD ENGINEERING, LLC, TOLEDO, OH ENGINEER'S ESTIMATE: \$309,000		PROJECT NUMBER: 2024006		VISU SEWER OF OHIO, LLC REYNOLDSBURG, OH		INSIGHT PIPE CONTRACTING, LLC HARMONY, PA		INSITUFORM TECHNOLOGIES, LLC CHESTERFIELD, MO		DVM UTILITIES, INC STERLING HEIGHTS, MI	
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	8" SANITARY REHABILITATION WITH CIPP	6333	FT	\$30.25	\$191,573.25	\$28.70	\$181,757.10	\$29.00	\$183,657.00	\$31.00	\$196,323.00
2	10" SANITARY REHABILITATION WITH CIPP (CONTINGENCY)	200	FT	\$66.75	\$13,350.00	\$29.00	\$5,800.00	\$58.00	\$11,600.00	\$100.00	\$20,000.00
3	MINOR CLEANING AND TELEVISION TO LOCATE TAPS	3600	FT	\$1.00	\$3,600.00	\$4.25	\$15,300.00	\$4.50	\$16,200.00	\$4.50	\$16,200.00
4	HEAVY CLEANING AND TELEVISION TO LOCATE TAPS	2733	FT	\$3.00	\$8,199.00	\$5.50	\$15,031.50	\$6.00	\$16,398.00	\$6.00	\$16,398.00
5	CUT BACK PROTRUDING TAPS PRIOR TO REHABILITATION	3	EACH	\$400.00	\$1,200.00	\$500.00	\$1,500.00	\$550.00	\$1,650.00	\$325.00	\$975.00
6	RE-ESTABLISHMENT OF ACTIVE LATERALS	121	EACH	\$100.00	\$12,100.00	\$125.00	\$15,125.00	\$80.00	\$9,680.00	\$51.00	\$6,171.00
7	POST CONSTRUCTION TV INSPECTION OF REHABILITATED SEWERS	6333	FT	\$1.00	\$6,333.00	\$1.00	\$6,333.00	\$0.01	\$63.33	\$1.00	\$6,333.00
8	SURFACE PRE-CONSTRUCTION VIDEO	1	LUMP	\$2,000.00	\$2,000.00	\$1,805.00	\$1,805.00	\$1,340.00	\$1,340.00	\$1,500.00	\$1,500.00
9	MOBILIZATION	1	LUMP	\$6,500.00	\$6,500.00	\$4,800.00	\$4,800.00	\$11,000.00	\$11,000.00	\$15,000.00	\$15,000.00
10	MAINTAINING TRAFFIC	1	LUMP	\$250.00	\$250.00	\$1,200.00	\$1,200.00	\$9,450.00	\$9,450.00	\$5,000.00	\$5,000.00
	TOTAL BID AMOUNT				\$245,105.25		\$248,651.60		\$261,038.33		\$283,900.00

ENGINEER: TD ENGINEERING, LLC, TOLEDO, OH ENGINEER'S ESTIMATE: \$309,000		PROJECT NUMBER: 2024006		ADVANCED PIPE TECHNOLOGIES, INC. PITTSBURGH, PA		UNITED SURVEY CLEVELAND, OH		INLINER SOLUTIONS COLUMBUS, OH	
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	8" SANITARY REHABILITATION WITH CIPP	6333	FT	\$36.50	\$231,154.50	\$32.00	\$202,656.00	\$45.00	\$284,985.00
2	10" SANITARY REHABILITATION WITH CIPP (CONTINGENCY)	200	FT	\$40.00	\$8,000.00	\$65.00	\$13,000.00	\$68.00	\$13,600.00
3	MINOR CLEANING AND TELEVISION TO LOCATE TAPS	3600	FT	\$4.00	\$14,400.00	\$10.00	\$36,000.00	\$7.00	\$25,200.00
4	HEAVY CLEANING AND TELEVISION TO LOCATE TAPS	2733	FT	\$6.00	\$16,398.00	\$12.00	\$32,796.00	\$9.00	\$24,597.00
5	CUT BACK PROTRUDING TAPS PRIOR TO REHABILITATION	3	EACH	\$300.00	\$900.00	\$250.00	\$750.00	\$270.00	\$810.00
6	RE-ESTABLISHMENT OF ACTIVE LATERALS	121	EACH	\$100.00	\$12,100.00	\$50.00	\$6,050.00	\$25.00	\$3,025.00
7	POST CONSTRUCTION TV INSPECTION OF REHABILITATED SEWERS	6333	FT	\$0.50	\$3,166.50	\$2.00	\$12,666.00	\$1.00	\$6,333.00
8	SURFACE PRE-CONSTRUCTION VIDEO	1	LUMP	\$300.00	\$300.00	\$6,500.00	\$6,500.00	\$4,200.00	\$4,200.00
9	MOBILIZATION	1	LUMP	\$32,000.00	\$32,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
10	MAINTAINING TRAFFIC	1	LUMP	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
	TOTAL BID AMOUNT				\$319,919.00		\$320,418.00		\$375,250.00



MEMO TO: Mayor and City Councilmembers

FROM: Patrick H. Burtch, City Administrator

DATE: October 21, 2024

SUBJECT: Authorize entering an agreement with Visu-Sewer from Reynoldsburg, Ohio to perform sanitary sewer lining in the Uptown area of Maumee.

Recommendation:

Authorize an agreement with Visu-Sewer of Ohio, LLC for Uptown Sanitary Sewer Rehabilitation – Phase 4 in an amount not to exceed \$491,804.00.

Attached is a memo from Matthew Miles, Capital Projects Manager discussing history, background and budgetary considerations for the above referenced project. As posited by the Capital Projects Manager, this agreement is necessary to begin reformation work within the sanitary sewer to eliminate the infiltration of stormwater as directed by the Ohio EPA Directors Final Findings and Orders.

City Administration recommends authorizing this agreement. Your consideration and concurrence is appreciated.

PHB

City of Maumee DEPARTMENTAL REPORT

MEMO TO: Patrick Burtch, City Administrator

FROM: Matthew Miles, Capital Projects Manager

DATE: October 21, 2024

RECOMMENDATION: Authorize an agreement with Visu-Sewer of Ohio, LLC for Uptown Sanitary Sewer Rehabilitation – Phase 4 in an amount not to exceed \$491,804.00.

SUMMARY

Authorize entering an agreement with Visu-Sewer from Reynoldsburg, Ohio to perform sanitary sewer lining in the Uptown area of Maumee.

BUDGETARY CONSIDERATIONS

Funding for this agreement will be split between OPWC loan/grant and the 2024 capital improvements budget for sanitary sewer.

HISTORY, BACKGROUND and DISCUSSION of the ISSUE

TD Engineering, Inc. was retained by the City to provide design and bidding services relative to sanitary sewer relining in the Uptown district. This project is the fourth phase in reducing infiltration from aging sewer pipes and manholes in the Uptown district and directly responds to Ohio EPA orders for the City to control the amount of stormwater entering the sanitary sewer system. A request for bids was published per state guidelines and responses were received from five companies by this office. TD Engineering reported during their review that the apparent low bidder, Visu-Sewer of Ohio, LLC, has performed similar projects in the past for several local communities without issue and performed the Phase 1 lining for the City of Maumee with positive results, and has previously been awarded the Phase 2 and Phase 3 projects which are currently underway. TD Engineering and this office therefore recommend awarding the contract to Visu-Sewer of Ohio, LLC of Reynoldsburg, Ohio.

POSITIONS

Requested action is for Maumee City Council to authorize an agreement with Visu-Sewer of Ohio, LLC to perform sanitary sewer lining services.

NOTICE OF AWARD

Date of Issuance: October 21, 2024

Owner: CITY OF MAUMEE Owner's Project No.: _____

Engineer: TD ENGINEERING, LLC Engineer's Project No.: 2024003

Project: UPTOWN SANITARY SEWER REHABILITATION – PHASE 4 IMPROVEMENTS

Contract Name: UPTOWN SANITARY SEWER REHABILITATION – PHASE 4 IMPROVEMENTS

Bidder: VISU-SEWER OF OHIO, LLC

Bidder's Address: 6508 Taylor Road SW, Reynoldsburg, OH 43068

You are notified that Owner has accepted your Bid dated **August 27, 2024** for the above Contract, and that you are the Successful Bidder and are awarded a Contract for:

MAUMEE UPTOWN SANITARY SEWER REHABILITATION – PHASE 4 IMPROVEMENTS

The Contract Price of the awarded Contract is \$ **Four hundred ninety-one thousand eight hundred four dollars and zero cents (\$491,804.00)**. Contract Price is subject to adjustment based on the provisions of the Contract, including but not limited to those governing changes, Unit Price Work, and Work performed on a cost-plus-fee basis, as applicable.

Three (3) unexecuted counterparts of the Agreement accompany this Notice of Award, and one copy of the Contract Documents accompanies this Notice of Award, or has been transmitted or made available to Bidder electronically.

☒ Drawings will be delivered separately from the other Contract Documents.

You must comply with the following conditions precedent within 15 days of the date of receipt of this Notice of Award:

1. Deliver to Owner **three (3)** counterparts of the Agreement, signed by Bidder (as Contractor).
2. Deliver with the signed Agreement(s) the Contract security (such as required performance and payment bonds) and insurance documentation, as specified in the Instructions to Bidders and in the General Conditions, Articles 2 and 6.
3. Other conditions precedent (if any): **[NONE]**

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within 10 days after you comply with the above conditions, Owner will return to you one fully signed counterpart of the Agreement, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

Owner: CITY OF MAUMEE

By (signature): _____

Name (printed): _____

Title: _____

Copy: Engineer



SW Ohio Office
6146 Lakota Dr
Cincinnati, OH 45243
(513) 607-8397

NW Ohio Office
3909 Woodmont Rd
Toledo, OH 43613
(419) 265-2400

October 11, 2024

Mr. Matt Miles
Capital Projects Manager
City of Maumee
400 Conant Street
Maumee, OH 43537

Re: Maumee Uptown Sanitary Sewer Rehabilitation – Phase 4
Bid Results
Project No. 2024003

Dear Mr. Miles:

On Tuesday, August 27, 2024, bids were received at the City of Maumee until 10:00 a.m. for the Uptown Sanitary Sewer Rehabilitation – Phase 4 project in Maumee. At that time and place five (5) bids were received and have been reviewed.

The results of the bidding are tabulated on the attached sheet for your review.

We have reviewed the bids, and the apparent low bidder is Visu-Sewer of Ohio, LLC from Reynoldsburg, Ohio in the amount of \$491,804.00. This bid is below the engineer's estimate of \$570,000.00. We have reviewed the bids. Based on our review, it is our recommendation to award the contract to the low bidder, Visu-Sewer of Ohio, LLC.

If you have any questions or need any additional information, please contact me at your earliest convenience at 419-265-2400.

Yours truly,

TD Engineering, LLC

A handwritten signature in blue ink that reads 'Steven J. Darmofal'. The signature is written in a cursive, flowing style.

Steven J. Darmofal, P.E.
Principal Engineer/Member

Attachment

MAUMEE UPTOWN SANITARY SEWER REHABILITATION - PHASE 4
BID TABULATION
BID OPENING - AUGUST 27, 2024

ENGINEER: TD ENGINEERING, LLC, TOLEDO, OH ENGINEER'S ESTIMATE: \$570,000			PROJECT NUMBER: 2024003			VISU SEWER OF OHIO, LLC REYNOLDSBURG, OH			INSITUFORM TECHNOLOGIES, LLC CHESTERFIELD, MO			INSIGHT PIPE CONTRACTING, LLC HARMONY, PA			INLINER SOLUTIONS COLUMBUS, OH			UNITED SURVEY CLEVELAND, OH		
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	8" SANITARY REHABILITATION WITH CIPP (CONTINGENCY)	200	FT	\$64.00	\$12,800.00	\$55.00	\$11,000.00			\$30.00	\$6,000.00			\$77.00	\$15,400.00			\$60.00	\$12,000.00	
2	10" SANITARY REHABILITATION WITH CIPP	3249	FT	\$41.25	\$134,021.25	\$40.50	\$131,584.50			\$42.00	\$136,458.00			\$58.00	\$188,442.00			\$45.00	\$146,205.00	
3	12" SANITARY REHABILITATION WITH CIPP	1625	FT	\$46.00	\$74,750.00	\$47.00	\$76,375.00			\$50.00	\$81,250.00			\$60.00	\$97,500.00			\$55.00	\$89,375.00	
4	MINOR CLEANING AND TELEVISION TO LOCATE TAPS	3674	FT	\$2.00	\$7,348.00	\$5.50	\$20,207.00			\$4.55	\$16,716.70			\$8.00	\$29,392.00			\$10.00	\$36,740.00	
5	HEAVY CLEANING AND TELEVISION TO LOCATE TAPS	1200	FT	\$5.00	\$6,000.00	\$7.00	\$8,400.00			\$5.80	\$6,960.00			\$9.00	\$10,800.00			\$12.00	\$14,400.00	
6	CUT BACK PROTRUDING TAPS PRIOR TO REHABILITATION	45	EACH	\$250.00	\$11,250.00	\$250.00	\$11,250.00			\$500.00	\$22,500.00			\$270.00	\$12,150.00			\$250.00	\$11,250.00	
7	RE-ESTABLISHMENT OF ACTIVE LATERALS	168	EACH	\$100.00	\$16,800.00	\$64.00	\$10,752.00			\$125.00	\$21,000.00			\$25.00	\$4,200.00			\$50.00	\$8,400.00	
8	TESTING LATERAL CONNECTIONS AT 8-INCH TO 10-INCH PIPE	98	EACH	\$460.00	\$45,080.00	\$427.00	\$41,846.00			\$361.00	\$35,378.00			\$335.00	\$32,830.00			\$450.00	\$44,100.00	
9	TESTING LATERAL CONNECTIONS AT 12-INCH AND LARGER PIPE	62	EACH	\$460.00	\$28,520.00					\$361.00	\$22,382.00			\$335.00	\$20,770.00			\$450.00	\$27,900.00	
10	PACKER INJECTION GROUTING OF LATERAL CONNECTIONS	160	EACH	\$1.00	\$160.00	\$28.00	\$4,480.00			\$27.78	\$4,444.80			\$26.00	\$4,160.00			\$50.00	\$8,000.00	
11	CHEMICAL GROUT FOR SERVICE LATERAL CONNECTIONS	1280	GAL	\$0.50	\$640.00	\$8.00	\$10,240.00			\$7.78	\$9,958.40			\$7.00	\$8,960.00			\$10.00	\$12,800.00	
12	POST CONSTRUCTION TV INSPECTION OF REHABILITATED SEWERS	4874	FT	\$1.00	\$4,874.00	\$0.01	\$48.74			\$2.78	\$13,549.72			\$1.00	\$4,874.00			\$2.00	\$9,748.00	
13	MANHOLE LINING	65.35	VER FT	\$345.00	\$22,545.75	\$351.00	\$22,937.85			\$348.00	\$22,741.80			\$325.00	\$21,238.75			\$325.00	\$21,238.75	
14	CHEMICAL GROUT FOR MANHOLES	50	GAL	\$207.00	\$10,350.00	\$211.00	\$10,550.00			\$208.00	\$10,400.00			\$200.00	\$10,000.00			\$200.00	\$10,000.00	
15	INSIDE DROP CONNECTION	4.93	VER FT	\$1,500.00	\$7,395.00	\$898.00	\$4,427.14			\$325.00	\$1,602.25			\$2,100.00	\$10,353.00			\$2,000.00	\$9,860.00	
16	NEW SANITARY MANHOLE COMPLETE (CONTINGENCY)	8	VER FT	\$1,700.00	\$13,600.00	\$2,244.00	\$17,952.00			\$1,500.00	\$12,000.00			\$2,100.00	\$16,800.00			\$2,250.00	\$18,000.00	
17	SURFACE PRE-CONSTRUCTION VIDEO	1	LUMP	\$3,000.00	\$3,000.00	\$561.00	\$561.00			\$1,472.00	\$1,472.00			\$4,200.00	\$4,200.00			\$6,500.00	\$6,500.00	
18	MOBILIZATION	1	LUMP	\$25,000.00	\$25,000.00	\$20,600.00	\$20,600.00			\$15,500.00	\$15,500.00			\$13,000.00	\$13,000.00			\$35,000.00	\$35,000.00	
19	MAINTAINING TRAFFIC	1	LUMP	\$3,000.00	\$3,000.00	\$15,000.00	\$15,000.00			\$2,000.00	\$2,000.00			\$2,600.00	\$2,600.00			\$2,500.00	\$2,500.00	
20	HEAVY CLEANING OF LATERAL JOINT CONNECTION TO THE MAINLINE SEWER (CONTINGENCY)	3	EACH	\$500.00	\$1,500.00	\$842.00	\$2,526.00			\$1,500.00	\$4,500.00			\$300.00	\$900.00			\$1,500.00	\$4,500.00	
21	OPEN CUT POINT REPAIR OF 10" SANITARY IN UNPAVED AREA (LESS THAN 7.0' DEEP) (CONTINGENCY)	1	EACH	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00			\$8,000.00	\$8,000.00			\$8,000.00	\$8,000.00			\$8,000.00	\$8,000.00	
22	OPEN CUT POINT REPAIR OF 10" SANITARY IN PAVED AREA (7.0' to 11.0' DEEP) (CONTINGENCY)	1	EACH	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00			\$11,000.00	\$11,000.00			\$11,000.00	\$11,000.00			\$11,000.00	\$11,000.00	
23	OPEN CUT POINT REPAIR OF 12" SANITARY IN PAVED AREA (7.0' to 11.0' DEEP) (CONTINGENCY)	1	EACH	\$13,000.00	\$13,000.00	\$13,000.00	\$13,000.00			\$13,000.00	\$13,000.00			\$13,000.00	\$13,000.00			\$13,000.00	\$13,000.00	
24	ADD FORMED CONCRETE INVERT IN EXISTING MANHOLE PRIOR TO LINING (CONTINGENCY)	1	EACH	\$1,800.00	\$1,800.00	\$1,683.00	\$1,683.00			\$1,667.00	\$1,667.00			\$1,600.00	\$1,600.00			\$2,000.00	\$2,000.00	
25	SET-UP FOR REHABILITATION OF SERVICE LATERAL CONNECTION WITH T-LINER (CONTINGENCY)	1	LUMP	\$13,200.00	\$13,200.00	\$13,460.00	\$13,460.00			\$13,333.00	\$13,333.00			\$12,400.00	\$12,400.00			\$2,500.00	\$2,500.00	
26	REHABILITATION OF SERVICE LATERAL CONNECTION WITH T-LINER (CONTINGENCY)	2	EACH	\$5,335.00	\$10,670.00	\$5,441.00	\$10,882.00			\$5,389.00	\$10,778.00			\$5,000.00	\$10,000.00			\$7,000.00	\$14,000.00	
27	SETUP AND INSTALLATION OF HOST TUBE FOR CIPP DIRECTLY THROUGH A MH TO BE ABANDONED (CONTINGENCY)	1	EACH	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00			\$4,000.00	\$4,000.00			\$1,750.00	\$1,750.00			\$1,500.00	\$1,500.00	
28	REHABILITATION OF SERVICE LATERAL WITH CIPP BEYOND T-LINER CONNECTION (CONTINGENCY)	100	FEET	\$40.00	\$4,000.00	\$39.00	\$3,900.00			\$39.00	\$3,900.00			\$37.00	\$3,700.00			\$150.00	\$15,000.00	
	TOTAL BID AMOUNT				\$491,804.00		\$512,430.23				\$512,491.67				\$570,019.75					