ERIE COUNTY WATER AUTHORITY AUTHORIZATION FORM

For Approval/Execution of Documents (check which apply)

Contract: CPL-005 Project No.: 2019000 Project Description: Water System Improvements, Village of Sloan	72
Item Description: Agreement Professional Service Contract Amendment BCD NYSDOT Agreement Contract Docume X Recommendation for Award of Contract Recommendation Request for Proposals Other	
Action Requested: Board Authorization to Execute X Legal Approval X Board Authorization to Award Execution by the Character Board Authorization to Advertise for Bids Execution by the Security Board Authorization to Solicit Request for Proposals Other	airman cretary to the Authority
Approvals Needed: APPROVED AS TO CONTENT: X Other (if Applicable) X Chief Operating Officer X Executive Engineer X Director of Administration X Risk Manager X Chief Financial Officer X Legal APPROVED FOR BOARD RESOLUTION: X Secretary to the Authority	Date: 3/30/2020 Date: 3/30/2020 Date: 03/21/2020 Date: 03/30/2020 Date: 03/30/2020 Date: 03/30/2020 Date: 03/30/2020 Date: 04/01/20
Remarks: Unit price contract.	
Resolution Date: Item No:	

ERIE COUNTY WATER AUTHORITY



INTEROFFICE MEMORANDUM

March 17, 2020

To: Terrence D. McCracken, Secretary to the Authority

From: Jeffrey R. Sylvester, Distribution Engineer

Subject: Contract CPL-005

Water System Improvements

Village of Sloan

ECWA Project No. 201900072

On Tuesday, February 11, 2020, the Authority received four (4) bids for the above referenced contract. The Consultant has reviewed the bids, a mathematical check has been performed, and the apparent lowest responsible bidder is CMH Company, Inc. (CMH). A mathematical error made by two next bidders did not change the position of CMH as a low bidder. Enclosed please find a copy of the letter of recommendation from the Consultant, Clark Patterson Lee (CPL), as well as the bid tabulation sheet for your use and information.

CMH is a competent contractor who performed similar work for various municipalities and agencies in Western New York in an acceptable manner. They have good understanding of the scope and requirements for this contract. The Engineer's estimate for the contract was \$2,322,970.00 and the bid by CMH is \$2,570,580.00.

CMH provided adequate WMBE documentation, approved by Director of EEO (ECWA), insurance, approved by Claims Representative/Risk Manager, and proof of apprenticeship program, approved by Coordinator of Employee Relations.

We, therefore, recommend award of Contract, CPL-005 to CMH Company, Inc. in the amount of \$2,570,580.00, subject to legal review.

Attached please find the following documents:

- 1. ECWA Authorization Form.
- 2. ECWA Recommendation for Award of Contract form.
- 3. Letter of recommendation from Wm. Schutt & Associates dated February 19, 2020.
- 4. Bid Tabulation.

JRS:jmf

Attachments

cc: R.Stoll

L.Kowalski

M.Quinn

L.Lester

CONT-CPL-005-1901-I-186-B



February 19, 2020

Leonard Kowalksi, P.E. Executive Engineer Erie County Water Authority 3030 Union Road Cheektowaga, NY 14227

RE: AWARD OF CONTRACT

CONTRACT NO. CPL-005

WATER IMPROVEMENTS, VILLAGE OF SLOAN

ECWA PROJECT NO. 201900072

Dear Mr. Kowalski:

Bids for the above referenced project, were opened and read aloud at 11:00 AM on February 11, 2020 at the Erie County Cashier's Office, 350 Ellicott Square Building, 295 Main Street, Buffalo, New York 14203. Four (4) bid proposals were received.

CPL has reviewed the bid proposals and determined that the lowest bid was submitted by CMH Company, Inc. in the amount of \$2,570,580.00. The second lowest bidder was DJM Contracting Inc. despite a mathematical error in their bid. DJM's original bid was \$3,015,765.00 and the corrected bid is \$3,020,765.00. Following DJM was New Frontier Excavating and Paving, Inc. with \$3,145,689.00 and 4th Generation Construction Inc. with a corrected bid amount of \$3,289,990.00. Attached is an itemized bid tabulation prepared by CPL which indicates the corrections made to the bids containing errors.

CPL has reviewed the qualifications of CMH and has determined the company has successfully completed waterline installations for various municipalities and agencies throughout Western New York. CPL has previously worked with CMH on multiple projects which have all been successful. We have reviewed the Authority's procedures and the project scope with the contractor and believe that they are fully aware of the job requirements and are prepared to meet them.

Therefore, CPL recommends, pending the ECWA's review and approval of the bid bond and W/MBE requirements, that the construction contract CPL-005 be awarded to the lowest responsible bidder, CMH Company, Inc., in the amount of \$2,570,580.00.

Very truly yours,

CPL

James Hunt, E.I.T. Project Engineer

cc: Steve Denzler, ECWA

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ERIE COUNTY WATER AUTHOIRTY RECOMMENDATION FOR AWARD OF CONTRACT

Contract:	CPL-005	Project No.: 201900072							
Project Description:	X 7'11 C C11	Water System Improvements							
-	Village of Sloan								
CONTRACT AWAR	RD								
	CMH Company, Inc.	ALTERNATION AND ADMINISTRATION A							
Award Amount:	\$2,570,580.00								
BID SUMMARY									
Date Advertised for B	ids: 01/08/2020	Date of Bid Opening: 02/11/2020							
Bidder		Total Bid Amount							
CMH Company, Inc.		\$2,570,580.00 ** \$3,020,765.00							
DJM Contracting, In	ating & Paving, Inc.	\$3,145,689.00							
4 th Generation Const	ruction, Inc.	** \$3,289,990.00							
		** Corrected Amounst							
Attachments:	X Bid Tabulation	X Consultant's Recommendation							
	ESSE MA ANNUAL PRINCIPLE CO. A. C. C.								
BUDGET									
	O & M Unit No.:	Budget Item No.:							
Capital (O & M Unit No.:	Budget Item No.:							
Capital	O & M Unit No.:	Budget Item No.:							
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Capital	O & M Unit No.:	Budget Item No.:							
APPROVALS (Selec	t applicable)								
X WMBE APPROV	L .	La to zhuhma							
Affirmative Action	on Officer	vouya Jestus Date: 3/24/2020							
X NYS CERTIFIED APPRENTICESHIP PROGRAM APPROVAL									
Coordinator of Employee Relations Wichael Lewkowicz Date 3/25/20									
The state of the s	and the artist of the committee and								
Remarks:									
Remarks.									
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Contract No. CPL-005 Water System Improvements, Village of Sloan			Engineer's Estimate		C.M.H. Company Inc.		4th Generation				DJM Contracting Inc.				New Frontier Excating and Paving Inc.		
	o. 201900072					Origin		Original Bid		Corrected Bid		Original Bid		Corrected Bid		Original Bid	
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1A2	6" DIP Water Main	LF	130	\$65.00	\$8,450.00	\$92.00	\$11,960.00	\$60.00	\$7,800.00	\$60.00	\$7,800.00	\$22.00	\$2,860.00	\$22.00	\$2,860.00	\$33.14	\$4,308.20
1A3	8" DIP Water Main 12" DIP Water Main	LF LF	5,300 260	\$95.00 \$120.00	\$503,500.00	\$94.00 \$140.00	\$498,200.00 \$36,400.00	\$60.00 \$150.00	\$318,000.00 \$39,000.00	\$60.00 \$150.00	\$318,000.00 \$39,000.00	\$97.00 \$133.00	\$514,100.00 \$34.580.00	\$97.00 \$133.00	\$514,100.00 \$34.580.00	\$163.41 \$136.46	\$866,073.00 \$35,479.60
1A5 1A6	16" DIP Water Main	LF LF	1,600	\$120.00	\$31,200.00 \$352,000.00	\$140.00	\$30,400.00	\$150.00	\$39,000.00	\$150.00	\$39,000.00	\$133.00 \$171.00	\$34,580.00	\$133.00	\$34,580.00	\$136.46	\$35,479.60
	8" Gate Valve	EA	37	\$2,000.00	\$74,000.00	\$1,900.00	\$70,300.00	\$3,000.00	\$111,000.00	\$3,000.00	\$111,000.00	\$4,740.00	\$175,380.00	\$4,740.00	\$175,380.00	\$1,521.00	\$56,277.00
2B1	12" Butterfly Valve	EA	7	\$2,250.00	\$15,750.00	\$3,500.00	\$24,500.00	\$5,000.00	\$35,000.00	\$5,000.00	\$35,000.00	\$6,600.00	\$46,200.00	\$6,600.00	\$46,200.00	\$2,011.75	\$14,082.25
2B2	16" Butterfly Valve	EA	10	\$3,400.00	\$34,000.00	\$4,000.00	\$40,000.00	\$9,000.00	\$90,000.00	\$9,000.00	\$90,000.00	\$10,200.00	\$102,000.00	\$10,200.00	\$102,000.00	\$3,422.90	\$34,229.00
3A	New Hydrant Assembly	EA	12	\$5,800.00	\$69,600.00	\$4,600.00	\$55,200.00	\$10,000.00	\$120,000.00	\$10,000.00	\$120,000.00	\$9,300.00	\$111,600.00	\$9,300.00	\$111,600.00	\$5,913.91	\$70,966.92
3C	Fire Hydrant Abandonment	EA	13	\$860.00	\$11,180.00	\$1,200.00	\$15,600.00	\$2,000.00	\$26,000.00	\$2,000.00	\$26,000.00	\$1,800.00	\$23,400.00	\$1,800.00	\$23,400.00	\$1,271.71	\$16,532.23
4A	Test Pit Excavation and Backfill	EA	30	\$200.00	\$6,000.00	\$400.00	\$12,000.00	\$200.00	\$6,000.00	\$200.00	\$6,000.00	\$500.00	\$15,000.00	\$500.00	\$15,000.00	\$600.00	\$18,000.00
5A	Rock Excavation	CY	100	\$150.00	\$15,000.00	\$250.00	\$25,000.00	\$1.00	\$100.00	\$150.00	\$15,000.00	\$140.00	\$14,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00
6A	Select Backfill	CY	3,600	\$35.00	\$126,000.00	\$36.00	\$129,600.00	\$20.00	\$72,000.00	\$20.00	\$72,000.00	\$37.00	\$133,200.00	\$37.00	\$133,200.00	\$39.00	\$140,400.00
7A1	Interconnection 1 - Crocker Street & Gates Street	LS	1	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$29,100.00	\$29,100.00	\$29,100.00	\$29,100.00	\$11,658.62	\$11,658.62
7A2	Interconnection 2 - Crocker Street & Blick Street	LS	1	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$29,100.00	\$29,100.00	\$29,100.00	\$29,100.00	\$11,575.26	\$11,575.26
7A3	Interconnection 3 - Crocker Street & Reiman Street	LS	1	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$60,000.00	\$60,000.00 \$40,000.00	\$60,000.00	\$60,000.00	\$28,000.00 \$24,000.00	\$28,000.00 \$24,000.00	\$28,000.00	\$28,000.00	\$13,176.21	\$13,176.21
7A4 7A5	Interconnection 4 - Crocker Street & Gierlach Street Interconnection 5 - Gates Street & Stiglmeier Street	LS LS	1	\$10,000.00 \$10,000.00	\$10,000.00 \$10,000.00	\$8,000.00 \$8,000.00	\$8,000.00 \$8,000.00	\$40,000.00 \$50,000.00	\$50,000.00	\$40,000.00 \$50,000.00	\$40,000.00 \$50,000.00	\$31,500.00	\$24,000.00	\$24,000.00 \$31,500.00	\$24,000.00 \$31,500.00	\$11,111.81 \$12,426.76	\$11,111.81 \$12,426.76
7A5 7A6	Interconnection 6 - Gates Street & Stigimeier Street	LS	1	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$12,426.76	\$12,426.76
7A7	Interconnection 7 - Franklin Avenue & Francis Avenue	LS	1	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$33,000.00	\$31,000.00	\$31,000.00	\$31,000.00	\$12,163.51	\$12,163.51
7A8	Interconnection 8 - Franklin Avenue & Jackson Avenu	LS	1	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$12,163.51	\$12,163.51
7A9	Interconnection 9 - Franklin Avenue & Rutland Avenu	LS	1	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$12,527.51	\$12,527.51
7A10	Interconnection 10 - Frankin Avenue & Stiglmeier Stre	LS	1	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$29,000.00	\$29,000.00	\$29,000.00	\$29,000.00	\$16,192.21	\$16,192.21
7A11	Interconnection 11 - Franklin Avenue & Harlem Road	LS	1	\$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$26,200.00	\$26,200.00	\$26,200.00	\$26,200.00	\$12,720.15	\$12,720.15
7A12	Interconnection 12 - Franklin Avenue & Harlem Road	LS	1	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$24,000.00	\$24,000.00	\$24,000.00	\$24,000.00	\$15,280.26	\$15,280.26
7A13	Interconnection 13 - Gierlach Street & Francis Avenue	LS	1	\$10,000.00	\$10,000.00	\$8,500.00	\$8,500.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$12,746.56	\$12,746.56
7A14	Interconnection 14 - Gierlach Street & Francis Avenue	LS	1	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$11,325.66	\$11,325.66
7A15	Interconnection 15 - Gierlach Street & Jackson Avenu	LS	1	\$10,000.00	\$10,000.00	\$8,500.00	\$8,500.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$24,000.00	\$24,000.00	\$24,000.00	\$24,000.00	\$12,152.46	\$12,152.46
7A16 7A17	Interconnection 16 - Gierlach Street & Jackson Avenu	LS LS	1	\$10,000.00 \$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00	\$40,000.00 \$40.000.00	\$40,000.00	\$40,000.00	\$40,000.00 \$40,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00 \$32.000.00	\$12,084.86 \$11,653.91	\$12,084.86
7A17 7A18	Interconnection 17 - Gierlach Street & Jackson Avenu Interconnection 18 - Gierlach Street & Jackson Avenu	LS	1	\$10,000.00	\$10,000.00 \$10,000.00	\$8,500.00 \$7,500.00	\$8,500.00 \$7,500.00	\$40,000.00	\$40,000.00 \$40,000.00	\$40,000.00 \$40,000.00	\$40,000.00	\$32,000.00 \$34,500.00	\$32,000.00 \$34,500.00	\$32,000.00 \$34,500.00	\$32,000.00	\$11,653.91	\$11,653.91 \$11,982.16
7A10	Interconnection 19 - Gierlach Street & Rutland Avenu	LS	1	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$34,300.00	\$34,500.00	\$30,000.00	\$30,000.00	\$11,268.46	\$11,268.46
7A20	Interconnection 20 - Gierlach Street & Rutland Avenu	LS	1	\$10,000.00	\$10,000.00	\$8,500.00	\$8,500.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$29,500.00	\$29,500.00	\$29,500.00	\$29,500.00	\$11,995.16	\$11,995.16
7A21	Interconnection 21 - Gierlach Street & Harlem Road	LS	1	\$10,000.00	\$10,000.00	\$7.500.00	\$7,500.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$26,000.00	\$22.084.15	\$22,084,15
7A22	Interconnection 22 - Gierlach Street & Harlem Road	LS	1	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$17,369.05	\$17,369.05
7A23	Interconnection 23 - Michael Avenue & Reiman Stree	LS	1	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00	\$12,996.72	\$12,996.72
7A24	Interconnection 24 - Michael Avenue & Reiman Street	LS	1	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$13,330.17	\$13,330.17
7A25	Interconnection 25 - Michael Avenue & Broadway Stre	LS	1	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$16,420.92	\$16,420.92
7A26	Interconnection 26 - Michael Avenue & Broadway Stre	LS	1	\$10,000.00	\$10,000.00	\$6,500.00	\$6,500.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$15,729.97	\$15,729.97
8A1	Nearside 3/4"-1" Service Installation	EA	72	\$1,750.00	\$126,000.00	\$2,000.00	\$144,000.00	\$1,200.00	\$86,400.00	\$1,200.00	\$86,400.00	\$1,900.00	\$136,800.00	\$1,900.00	\$136,800.00	\$1,135.15	\$81,730.80
8B1	Farside 3/4"-1" Service Installation	EA	83	\$2,500.00	\$207,500.00	\$2,500.00	\$207,500.00	\$3,000.00	\$249,000.00	\$3,000.00	\$249,000.00	\$2,175.00	\$180,525.00	\$2,175.00	\$180,525.00	\$2,682.37	\$222,636.71
8C1	Additional 3/4"-1" Copper Tubing	LF LF	3,000	\$5.00	\$15,000.00	\$26.00	\$78,000.00	\$30.00	\$90,000.00	\$30.00	\$90,000.00	\$3.50	\$10,500.00	\$3.50	\$10,500.00	\$3.48	\$10,440.00
9A 9D	18-inch Diameter Casing Pipe 30-inch Diameter Casing Pipe	LF LF	100 100	\$150.00 \$300.00	\$15,000.00 \$30.000.00	\$825.00 \$875.00	\$82,500.00 \$87.500.00	\$500.00 \$1.000.00	\$50,000.00 \$100.000.00	\$500.00 \$1.000.00	\$50,000.00 \$100.000.00	\$45.00 \$270.00	\$4,500.00 \$27.000.00	\$45.00 \$270.00	\$4,500.00 \$27.000.00	\$113.65 \$858.18	\$11,365.00 \$85.818.00
10A1	Abandonment 1 - Crocker Street & Franklin Avenue	LS	100	\$7,500.00	\$30,000.00	\$15,000.00	\$15,000.00	\$1,000.00	\$100,000.00	\$1,000.00	\$100,000.00	\$19,000.00	\$27,000.00	\$270.00	\$27,000.00	\$5,385.55	\$5,385.55
10A1	Abandonment 2 - Crocker Street & Gierlach Street	LS	1	\$7,500.00	\$7,500.00	\$14,000.00	\$14,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$5,385.55	\$5,385.55
11A1	Concrete Sidewalk	SY	1,100	\$50.00	\$55,000.00	\$80.00	\$88,000.00	\$70.00	\$77,000.00	\$70.00	\$77,000.00	\$50.00	\$55,000.00	\$50.00	\$55,000.00	\$115.75	\$127,325.00
11A2	Concrete Driveway Restoration	SY	160	\$70.00	\$11,200.00	\$90.00	\$14,400.00	\$100.00	\$16,000.00	\$100.00	\$16,000.00	\$105.00	\$16,800.00	\$105.00	\$16,800.00	\$210.33	\$33,652.80
11A3	Concrete Base Course	SY	100	\$70.00	\$7,000.00	\$200.00	\$20,000.00	\$120.00	\$12,000.00	\$120.00	\$12,000.00	\$100.00	\$10,000.00	\$100.00	\$10,000.00	\$100.00	\$10,000.00
11A4	Concrete Curbing	LF	230	\$50.00	\$11,500.00	\$80.00	\$18,400.00	\$80.00	\$18,400.00	\$80.00	\$18,400.00	\$75.00	\$17,250.00	\$75.00	\$17,250.00	\$75.00	\$17,250.00
11B2	Asphalt Driveway Restoration	SY	90	\$65.00	\$5,850.00	\$75.00	\$6,750.00	\$80.00	\$7,200.00	\$80.00	\$7,200.00	\$75.00	\$6,750.00	\$75.00	\$6,750.00	\$75.00	\$6,750.00
11B3	Asphalt Pavement Top Course Restoration (1.5")	SY	2,400	\$25.00	\$60,000.00	\$20.00	\$48,000.00	\$8.00	\$19,200.00	\$8.00	\$19,200.00	\$28.00	\$67,200.00	\$28.00	\$67,200.00	\$16.63	\$39,912.00
11B4	Asphalt Pavement Binder Course Restoration (2.5")	SY	1,400	\$30.00	\$42,000.00	\$26.00	\$36,400.00	\$12.00	\$16,800.00	\$12.00	\$16,800.00	\$40.00	\$56,000.00	\$40.00	\$56,000.00	\$23.26	\$32,564.00
	Asphalt Pavement Base Course Restoration (4") Cold Milling of Asphalt Pavement	SY	1,400	\$35.00	\$49,000.00	\$33.00	\$46,200.00	\$18.00	\$25,200.00	\$18.00	\$25,200.00	\$26.00	\$36,400.00	\$26.00	\$36,400.00	\$49.88	ψ03,032.00
	Landscape Restoration	SY LF	1,000 1,400	\$2.45 \$6.00	\$2,450.00 \$8,400.00	\$14.00 \$10.00	\$14,000.00 \$14,000.00	\$7.00 \$3.00	\$7,000.00 \$4,200.00	\$7.00 \$3.00	\$7,000.00 \$4,200.00	\$15.00 \$5.00	\$15,000.00 \$7,000.00	\$15.00 \$5.00	\$15,000.00 \$7,000.00	\$9.18 \$9.60	\$9,180.00 \$13,440.00
	Tree Planting	EA	1,400	\$500.00	\$8,400.00	\$700.00	\$14,000.00	\$600.00	\$4,200.00	\$600.00	\$4,200.00	\$5.00 \$250.00	\$7,000.00	\$5.00 \$250.00	\$7,000.00	\$1,012.64	\$13,440.00
	Tree Removal < 12" Dia.	EA	2	\$450.00	\$1,000.00	\$1,000.00	\$1,400.00	\$500.00	\$1,000.00	\$500.00	\$1,200.00	\$400.00	\$800.00	\$250.00	\$800.00	\$794.24	\$2,025.26
	Testing and Disinfection	LF	8,330	\$3.00	\$24,990.00	\$4.00	\$33,320.00	\$3.00	\$24,990.00	\$3.00	\$24,990.00	\$4.00	\$33,320.00	\$4.00	\$33,320.00	\$3.00	\$24,990.00
	Extra Excavation (8'-10' Deep)	LF	400	\$40.00	\$16,000.00	\$45.00	\$18,000.00	\$10.00	\$4,000.00	\$10.00	\$4,000.00	\$10.00	\$4,000.00	\$10.00	\$4,000.00	\$40.00	\$16,000.00
	Extra Excavation (10'-12' Deep)	LF	30	\$50.00	\$1,500.00	\$65.00	\$1,950.00	\$20.00	\$600.00	\$20.00	\$600.00	\$20.00	\$600.00	\$20.00	\$600.00	\$20.00	\$600.00
	Repair Crew Labor and Equipment	HRS	40	\$150.00	\$6,000.00	\$400.00	\$16,000.00	\$300.00	\$12,000.00	\$300.00	\$12,000.00	\$200.00	\$8,000.00	\$200.00	\$8,000.00	\$848.21	\$33,928.40
	Vacuum Truck and Labor	HRS	40	\$125.00	\$5,000.00	\$400.00	\$16,000.00	\$200.00	\$8,000.00	\$200.00	\$8,000.00	\$150.00	\$6,000.00	\$150.00	\$6,000.00	\$401.99	\$16,079.60
16A	Contingency Allowance	LS	1	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
	1	otal Estim			\$2,322,970.00		\$2,570,580.00		\$3,275,090.00		\$3,289,990.00	\$3,015,765.00	\$3,019,765.00		\$3,020,765.00		\$3,145,689.00
			Bid Rank:				1				4	Bid	Correction		2		3

Minor mathematical error

Unit price error

Red Text Cell containing error