




ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

July 22, 2021

To: Terrence D. McCracken, Secretary to the Authority

From: Michael J. Quinn, Senior Distribution Engineer 

Subject: Contract WSA-015

Water System Improvements, Town of Hamburg and City of Lackawanna
ECWA Project No. 202000058

On Tuesday, June 29, 2021, the Authority received seven (7) bids for the above referenced contract. The bids have been reviewed, a mathematical check has been performed by the consultant, William Schutt & Associates (WSA), and the apparent lowest acceptable bidder is 716 Site Contracting, Inc. (716). Enclosed please find a copy of the letter of recommendation from WSA, dated July 6, 2021, including a bid tabulation sheet for your use and information.

716 is an established contractor for the Authority who has worked on numerous ECWA contracts and has been performing work of similar nature in a competent, reliable, and acceptable manner. They have a good understanding of the scope and requirements for this contract. The Engineer's estimate for the contract was \$5,640,185.00 and the bid by 716 is \$3,698,420.00. WSA has provided a detailed opinion on the basis for the difference in cost between the Engineer's estimate and the lowest bid. Regardless, as outlined in the attached recommendation letter, WSA believes that the cost is reasonable, and that the Contractor has included all of the required components of the work in their bid.

716 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 the above referenced contract to 716 Site Contracting, Inc. in the amount of \$3,698,420.00, subject to legal review.

Budget Information:

Unit: 2590 Eng/Const Distribution Mains

Item 101518 WSA-015 Waterline Replacement

Attached please find the following documents:

1. ECWA Authorization Form.
2. ECWA Recommendation for Award of Contract form.
3. Letter from consultant, William Schutt & Associates, dated July 6, 2021 (incl. Bid Tabulation.)

MJQ:jmf

Attachments

cc: R.Stoll,

L.Kowalski,

L.Lester

CONT-WSA-015-2001-X-12

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Civil Engineering
Environmental Engineering
Municipal Engineering
Land Surveying



Project Management
Construction Support Services
Landscape Architecture
SWPPP Services

July 6, 2021

Leonard F. Kowalski, PE, Executive Engineer
Erie County Water Authority
3030 Union Road
Cheektowaga, New York 14227

Re: **Award Recommendation**
Contract WSA-015
Water System Improvements
Town of Hamburg and City of Lackawanna
ECWA Project No. 202000058

Dear Mr. Kowalski:

On June 29, 2021, Erie County Water Authority (ECWA) received seven (7) bids for Contract WSA-015, Water System Improvements, Project No. 202000058. The work consists of the installation of 12,655 lf of new 8-inch to 12-inch watermain and appurtenances in the Town of Hamburg and the City of Lackawanna. The bids received ranged from a low bid of \$3,698,420.00 to a high bid of \$5,319,397.00. The Engineer's Estimate dated May 17, 2021 is \$5,640,185.00.

ECWA provided Wm Schutt Associates (WSA) electronic copies of the bids to review and to provide ECWA with a recommendation of award of contract. A mathematical check of all the bid prices and amounts were performed, and it was determined that no math errors were made by any of the bidders. The low bid was received from 716 Site Contracting Inc with a total bid amount of \$3,698,420.00. The second low bidder is Concrete Applied Technologies Corp with a bid amount \$4,024,985.00. Please note that the 2nd and 3rd bidder's prices were within 16% of the low bid amount. See attached Exhibit No 1 – "Tabulation of Bids" for a summary of the bids.

An analysis of 716 Site Contractor's bid in comparison to the other bids and to the Engineer's Estimate follows. WSA has prepared the following table comparing bid prices from six previously bid ECWA projects earlier in 2021 to the Contract WSA-015 project.

ANALYSIS OF AVERAGE BID PRICES						
2021 ECWA Bid Projects					WSA-015	
	Pipe Size	LF	Low \$/LF	High \$/LF	Low Bid \$/LF	WSA Estimate \$/LF
GP-009	8"/12"	5970	\$448.19	\$478.05		
EA-012	8"	9825	\$336.38	\$361.83		
LA-001	8"	7150	\$319.00	\$382.74		
CPL-007	12"	9280	\$340.88	\$405.32		
DA-010	8"	6890	\$291.53	\$316.15		
BL-001	16"	4975	\$373.81	\$440.37		
		Low Cost/LF	\$291.53	\$316.15	\$292.25	\$445.69
		Avg Cost/LF	\$351.63	\$397.41	12,655 LF - 8" to 12"	
		High Cost/LF	\$448.19	\$478.05		

A. Comments:

1. All seven projects bid by ECWA in 2021 are similar in scope as to the manner of work to be performed: water distribution piping of sizes ranging from 8-inch to 16-inch in mostly urban communities.
2. Bidding interest was high on WSA-015. The seven bids received represented the highest number of bids submitted for any of the ECWA projects this year. The previous six projects ranged in participation from 4 bids to 6 bids that were submitted for consideration. (note: a seventh bid was received on EA-012 but not considered due to a large math error).
3. Contract WSA-015 was bid last by ECWA and has an early Summer 2022 completion date.
 - a. It is our understanding that the six other projects, all have 2021 completion dates. We have learned that Contractors are concerned about absorbing liquidated damages due to the completion dates of projects in relation to busy workloads. As such their bids on WSA-015 are reflective of more competitive pricing.
 - b. Many bidders were interested in WSA-015 due to the ability to line up work for 2022. Many other bidders indicated that they were in the process of completing projects and would have no scheduled work when the WSA-015 construction is expected to begin. This made for a competitive bidding climate. The low three bid prices received by ECWA for WSA-015 is indicative of this fact with the 716 Contracting price being similar to the lower prices previously received ECWA.
 - c. 716 Contracting's price per LF of just under \$300/lf is comparable to a number of the other 2021 projects including Contract DA-010 (\$291.53/lf) and Contract LA-001 (\$319.00/lf).
4. Contract WSA-015 represents the largest amount of watermain to be installed, under one project of the seven 2021 projects and the work areas of WSA-015 are within

close proximity to each other. This contributed to the competitive bid prices that were received.

Please refer to attached Exhibit No 2 entitled “Contract WSA-015 - Bid Item Analysis” where the Bid Tabulation Sheet was rearranged into groupings of several construction phases to compare these group’s prices with the prices as submitted by 716 Site Contracting.

1. Group No 1 - Watermain and Valve Installation:

- a. This grouping consisted of the watermain, valve, select backfill, hydrants, casing pipe (including the Kirby site work) and testing items of the bid.
- b. 716’s cost is \$2,028,320, an amount which is ranked 2nd from lowest value.
- c. The range of costs were from a low of \$2,008,500 (E&R) to a high of \$2,804,860 (Kandey).
- d. The Engineer’s Estimate was \$2,572,650 which is at the approximate mid point of the bids received.

2. Group No 2 - Interconnections and Abandonments:

- a. This grouping consisted of the costs submitted for 31 Interconnection items and 4 Abandonment items.
- b. 716’s cost is \$191,300, an amount which is ranked as the lowest value. A value of \$193,000 (CMH) was ranked 2nd.
- c. The range of costs were from a low of \$191,300 (716) to a high of \$439,200 (E&R).
- d. The Engineer’s Estimate was \$729,000 which is at the high point when comparing to the bids received.
 - i. The average cost per Interconnection of the of the six previously bid 2021 ECWA projects was used as historical information when the Engineer’s Estimate was prepared. These amounts are \$19,668.98/each for Interconnections and \$10,754.90/each for Abandonments.

3. Group No 3 - Service Replacements:

- a. This grouping consisted of the items for installing ¾-inch to 2-inch water service items.
- b. 716’s cost is \$464,850, an amount which is ranked 2nd from the lowest value.
- c. The range of costs were from a low of \$448,522.18 (New Frontier) to a high of \$735,960 (E&R).
- d. The Engineer’s Estimate was \$667,160 which is at the approximate mid point of the bids received.

4. Group No 4 - Restoration:

- a. All restoration items are included is this grouping including sidewalks, driveways, topsoil and pavement replacement.
- b. 716’s cost is \$776,350, an amount which is ranked lowest in value.

- c. The range of costs were from a low of \$776,350 (716) to a high of \$1,366,395 (Kandey). The second lowest value is \$819,750 (Milherst).
- d. The Engineer's Estimate was \$1,387,125 which is at the high end of the values of the bids received and are comparable to the prices received from CMH and Kandey. The Engineer's estimate was based on average unit pricing for Restoration work of the six previously bid ECWA projects.

5. Group No 5 - Contingency and Extra Work Items:

- a. The items in this grouping includes the Contingency Allowance, extra work items, Repair Crew, Vacuum Truck, etc.
- b. 716's cost is \$237,600, an amount which is ranked lowest in value.
- c. The range of costs were from a low of \$237,600 (716) to a high of \$304,822 (Kandey). The second lowest value is \$25,800 (E&R).
- d. The Engineer's Estimate was \$284,250 which is at the mid point of the bids received.

6. The following is a summary of the Exhibit No 2 table:

	Eng's Est	716 Site Con	CATCO	E&R General	New Frontier	Milherst	C. M. H.	Kandey
Group 1 Pipe	\$2,572,650.00	\$2,028,320.00	\$2,066,230.00	\$2,008,500.00	\$2,533,519.85	\$2,478,100.00	\$2,466,000.00	\$2,804,860.00
Group 2 Connections	\$729,000.00	\$191,300.00	\$339,827.00	\$439,200.00	\$303,600.00	\$304,000.00	\$193,000.00	\$295,350.00
Group 3 Services	\$667,160.00	\$464,850.00	\$484,520.00	\$735,960.00	\$448,522.28	\$703,400.00	\$705,840.00	\$547,970.00
Group 4 Restoration	\$1,387,125.00	\$776,350.00	\$856,210.00	\$859,110.00	\$870,395.75	\$819,750.00	\$1,275,610.00	\$1,366,395.00
Group 5 Contingency	\$284,250.00	\$237,600.00	\$278,198.00	\$250,800.00	\$276,655.12	\$291,500.00	\$272,900.00	\$304,822.00
Total Amount	\$5,640,185.00	\$3,698,420.00	\$4,024,965.00	\$4,293,570.00	\$4,432,693.00	\$4,596,750.00	\$4,913,350.00	\$5,319,397.00

In conclusion, the following are some key points as to the difference in the value of the Engineer's Estimate of \$5,640,185.00 and the low bid amount from 716 Site Contractors Inc of \$3,698,420:

- The Engineer's Estimate erred on the high side due to the uncertainty of the effect that Covid would have on the availability and value of materials, as well, as the manner in which construction may be affected.
- The Project Schedule was uncertain at the time that the Engineer's Estimate was finalized. The original goal was to complete all work in 2021 and would impact the number of qualified Contractors available to meet those time frames.
- Providing a schedule for completion in early Summer of 2022 attracted a larger group of Contractors. As a result, bidder's were more competitive in their pricing resulting in a favorable price.
- Delays in timely responses from the Railroads, National Grid and ECIDA at the Kirby Site played a role in the preparation of a conservative estimate.
- Bid prices have been increasing steadily in the last couple of years on ECWA projects. Some bids received by ECWA have nearly reached the \$500 per lf value. The Engineer's Estimate, in a large part, utilized the average of historical pricing received on similar 2021 projects.

Please be advised that WSA has discussed the bid with 716 Contracting. We have learned that they have a clear understanding of the scope of the work and the specified schedule. They are comfortable with their bid prices and have admitted that by the end of August 2021, they will not have any other work on the books, and are planning on starting as soon as possible.

Wm. Schutt Associates, having reviewed the bids received and after analyzing the prices, in addition to discussions with the low bidder, are recommending acceptance of the low bid as submitted by 716 Site Contracting Inc in the amount \$3,698,420.00. This contractor has satisfactorily completed similar work with ECWA and have also successfully completed WSA watermain projects in Amherst and Lancaster under budget and on time. In conclusion, Wm Schutt Assoc hereby recommends, pending the Authority's review and approval of respective insurance certificates, M/WBE forms and apprenticeship information, that the construction contract for Contract WSA-015 be awarded to the lowest responsible bidder, 716 Contracting Inc. in the amount of \$3,698,420.00.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'W. Schutt', with a large, stylized flourish extending to the right.

William E. Schutt, P.E.
President

c. Mike Quinn
Mark Jarmuz
Steve Denzler
File: WSA 20012

Encl. Exhibit 1 and 2

EXHIBIT NO. 1

Item No.	Bid Item Description	FM/UP	Quantity	Unit	Itemized Estimate			716 Site Contracting Inc.			Concrete Applied Technologies Corp			E&R General Construction Inc			New Frontier Excavating & Paving Inc			Millherst Construction Inc			C.M.H. Company Inc.			Kandley Company Inc.				
					Estimated Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
IA2	6-inch DIP Watermain		400	LF	\$85.00	\$34,000.00	\$50.00	\$20,000.00	\$71.00	\$28,400.00	\$62.00	\$20,800.00	\$57.76	\$23,104.00	\$80.00	\$32,000.00	\$85.00	\$34,000.00	\$80.00	\$32,000.00	\$80.00	\$32,000.00	\$85.00	\$34,000.00	\$195.00	\$78,000.00	\$195.00	\$78,000.00		
IA3	8-inch DIP Watermain		950	LF	\$115.00	\$109,250.00	\$80.00	\$76,000.00	\$81.00	\$77,950.00	\$78.00	\$74,100.00	\$71.18	\$67,714.00	\$78.00	\$74,100.00	\$118.18	\$112,271.00	\$105.00	\$99,750.00	\$105.00	\$99,750.00	\$98.00	\$94,050.00	\$98.00	\$94,050.00	\$136.00	\$129,200.00	\$136.00	\$129,200.00
IA4	10-inch DIP Watermain		700	LF	\$120.00	\$84,000.00	\$87.00	\$60,900.00	\$105.00	\$73,500.00	\$97.00	\$67,900.00	\$120.23	\$84,161.00	\$97.00	\$67,900.00	\$141.55	\$99,085.50	\$135.00	\$94,500.00	\$135.00	\$94,500.00	\$105.00	\$94,500.00	\$105.00	\$94,500.00	\$169.00	\$118,300.00	\$169.00	\$118,300.00
IA5	12-inch DIP Watermain		2000	LF	\$140.00	\$280,000.00	\$93.50	\$187,000.00	\$127.00	\$254,000.00	\$89.00	\$148,200.00	\$141.55	\$283,103.80	\$89.00	\$148,200.00	\$123.46	\$246,920.00	\$140.00	\$280,000.00	\$140.00	\$280,000.00	\$140.00	\$280,000.00	\$140.00	\$280,000.00	\$169.00	\$338,000.00	\$169.00	\$338,000.00
IA6	16-inch DIP Watermain		30	LF	\$180.00	\$5,400.00	\$100.00	\$3,000.00	\$140.00	\$4,200.00	\$280.00	\$8,400.00	\$123.46	\$3,703.80	\$280.00	\$8,400.00	\$236.57	\$7,097.10	\$200.00	\$6,000.00	\$200.00	\$6,000.00	\$200.00	\$6,000.00	\$400.00	\$12,000.00	\$400.00	\$12,000.00		
IA8	24-inch DIP Watermain		25	LF	\$220.00	\$5,500.00	\$130.00	\$3,250.00	\$210.00	\$5,250.00	\$300.00	\$9,000.00	\$236.57	\$5,914.25	\$300.00	\$9,000.00	\$236.57	\$5,914.25	\$200.00	\$5,000.00	\$200.00	\$5,000.00	\$200.00	\$5,000.00	\$400.00	\$12,000.00	\$400.00	\$12,000.00		
2A2	8-inch Gate Valve		50	EA	\$2,200.00	\$110,000.00	\$1,360.00	\$68,000.00	\$1,890.00	\$94,500.00	\$2,100.00	\$105,000.00	\$1,543.03	\$77,151.50	\$2,100.00	\$105,000.00	\$2,166.25	\$108,312.50	\$2,500.00	\$125,000.00	\$2,500.00	\$125,000.00	\$1,900.00	\$95,000.00	\$1,900.00	\$95,000.00	\$2,300.00	\$115,000.00	\$2,300.00	\$115,000.00
2A3	10-inch Gate Valve		3	EA	\$2,500.00	\$7,500.00	\$1,800.00	\$5,400.00	\$2,500.00	\$7,500.00	\$4,500.00	\$13,500.00	\$2,166.25	\$6,498.75	\$4,500.00	\$13,500.00	\$2,166.25	\$6,498.75	\$3,000.00	\$9,000.00	\$3,000.00	\$9,000.00	\$2,500.00	\$7,500.00	\$2,500.00	\$7,500.00	\$3,000.00	\$9,000.00	\$3,000.00	\$9,000.00
2B1	12-inch Butterfly Valve		12	EA	\$4,000.00	\$48,000.00	\$1,875.00	\$22,500.00	\$2,500.00	\$30,000.00	\$1,100.00	\$13,200.00	\$2,074.00	\$24,888.00	\$1,100.00	\$13,200.00	\$2,074.00	\$24,888.00	\$3,000.00	\$36,000.00	\$3,000.00	\$36,000.00	\$2,500.00	\$30,000.00	\$2,500.00	\$30,000.00	\$3,000.00	\$36,000.00	\$3,000.00	\$36,000.00
2C8	12" x 8" Tapping Sleeve and Valve		2	EA	\$10,000.00	\$20,000.00	\$5,300.00	\$10,600.00	\$6,800.00	\$13,600.00	\$9,200.00	\$18,400.00	\$7,382.24	\$14,764.48	\$9,200.00	\$18,400.00	\$7,382.24	\$14,764.48	\$10,000.00	\$20,000.00	\$10,000.00	\$20,000.00	\$7,000.00	\$14,000.00	\$7,000.00	\$14,000.00	\$7,000.00	\$14,000.00	\$7,000.00	\$14,000.00
2C11	16-inch X 12-inch Tapping Sleeve and Valve		1	EA	\$12,000.00	\$12,000.00	\$7,000.00	\$7,000.00	\$9,700.00	\$9,700.00	\$18,000.00	\$18,000.00	\$10,503.10	\$10,503.10	\$18,000.00	\$18,000.00	\$10,503.10	\$10,503.10	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	
2C12	24-inch x 8-inch Tapping Sleeve and Valve		1	EA	\$15,000.00	\$15,000.00	\$6,000.00	\$6,000.00	\$7,100.00	\$7,100.00	\$14,000.00	\$14,000.00	\$7,803.50	\$7,803.50	\$14,000.00	\$14,000.00	\$7,803.50	\$7,803.50	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	
2E1	Permanent Blow-Off		3	EA	\$2,500.00	\$7,500.00	\$1,500.00	\$4,500.00	\$1,635.00	\$4,905.00	\$3,700.00	\$11,100.00	\$2,464.98	\$7,394.94	\$3,700.00	\$11,100.00	\$2,464.98	\$7,394.94	\$1,500.00	\$4,500.00	\$1,500.00	\$4,500.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00
3A	New Fire Hydrant		20	EA	\$7,000.00	\$140,000.00	\$5,200.00	\$104,000.00	\$7,500.00	\$150,000.00	\$6,005.17	\$120,103.40	\$6,005.17	\$120,103.40	\$5,200.00	\$104,000.00	\$6,005.17	\$120,103.40	\$7,000.00	\$140,000.00	\$7,000.00	\$140,000.00	\$4,500.00	\$90,000.00	\$4,500.00	\$90,000.00	\$4,500.00	\$90,000.00	\$4,500.00	\$90,000.00
3C	Fire Hydrant Abandonment		17	EA	\$1,500.00	\$25,500.00	\$775.00	\$13,175.00	\$330.00	\$5,610.00	\$54,400.00	\$272,080.00	\$853.34	\$14,506.78	\$54,400.00	\$272,080.00	\$853.34	\$14,506.78	\$330.00	\$5,610.00	\$330.00	\$5,610.00	\$1,000.00	\$17,000.00	\$1,000.00	\$17,000.00	\$1,000.00	\$17,000.00	\$1,000.00	\$17,000.00
4A	Test Pit		150	EA	\$800.00	\$120,000.00	\$1,200.00	\$180,000.00	\$200.00	\$30,000.00	\$280.00	\$42,000.00	\$200.00	\$30,000.00	\$280.00	\$42,000.00	\$200.00	\$30,000.00	\$200.00	\$30,000.00	\$200.00	\$30,000.00	\$350.00	\$52,500.00	\$350.00	\$52,500.00	\$500.00	\$75,000.00	\$500.00	\$75,000.00
5A	Rock Excavation		100	CY	\$500.00	\$50,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$200.00	\$20,000.00	\$200.00	\$20,000.00	\$200.00	\$20,000.00
6A	Select Backfill		7000	CY	\$40.00	\$280,000.00	\$45.36	\$317,520.00	\$40.00	\$280,000.00	\$31.00	\$217,000.00	\$38.88	\$272,160.00	\$40.00	\$280,000.00	\$38.88	\$272,160.00	\$150.00	\$150,000.00	\$150.00	\$150,000.00	\$50.00	\$350,000.00	\$50.00	\$350,000.00	\$50.00	\$350,000.00	\$50.00	\$350,000.00
7A	Interconnection No. 1 - Nash Rd.		1	LS	\$25,000.00	\$25,000.00	\$5,700.00	\$5,700.00	\$4,800.00	\$4,800.00	\$9,028.00	\$9,028.00	\$28,600.00	\$28,600.00	\$10,440.00	\$10,440.00	\$28,600.00	\$28,600.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7B	Interconnection No. 2 - Nash Rd.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7C	Interconnection No. 3 - Nash Rd.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7D	Interconnection No. 4 - Nash Rd.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7E	Interconnection No. 5 - Ontario Ave.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7F	Interconnection No. 6 - Ontario Ave.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7G	Interconnection No. 7 - Ontario Ave.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7H	Interconnection No. 8 - Adams St		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7I	Interconnection No. 9 - Park Ave.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7J	Interconnection No. 10 - Park Ave.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7K	Interconnection No. 11 - Cleveland Ave.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	
7L	Interconnection No. 12 - Cleveland Ave.		1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5																				

ECWA CONTRACT WSA-015 - BID ITEM ANALYSIS

Tabulation of Bids										Bidder			Bidder			Bidder			Bidder		
Item No.	FM/UP	Bid Item Description	Quantity	Unit	Itemized Engineer's Estimate		716 Site Contracting Inc.		Concrete Applied Technologies Corp		E&R General Construction Inc		New Frontier Excavating & Paving Inc		Milherst Construction Inc		C.M.H. Company Inc.		Kamdey Company Inc.		
					Dated: 05/17/2021	Est Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
IA2		6-inch DIP Watermain	400	LF	\$85.00	\$34,000.00	\$50.00	\$20,000.00	\$71.00	\$28,400.00	\$62.00	\$24,800.00	\$57.76	\$23,104.00	\$80.00	\$32,000.00	\$85.00	\$34,000.00	\$195.00	\$78,000.00	
IA3		8-inch DIP Watermain	950	LF	\$115.00	\$109,250.00	\$80.00	\$76,000.00	\$81.00	\$769,500.00	\$78.00	\$741,000.00	\$118.18	\$1,122,710.00	\$105.00	\$997,500.00	\$98.00	\$931,000.00	\$136.00	\$1,292,000.00	
IA4		10-inch DIP Watermain	700	LF	\$120.00	\$84,000.00	\$87.00	\$60,900.00	\$105.00	\$73,500.00	\$97.00	\$67,900.00	\$120.23	\$84,161.00	\$135.00	\$94,500.00	\$108.00	\$73,500.00	\$226.00	\$158,200.00	
IA5		12-inch DIP Watermain	2000	LF	\$140.00	\$280,000.00	\$93.50	\$187,000.00	\$127.00	\$254,000.00	\$89.00	\$178,000.00	\$141.55	\$283,100.00	\$140.00	\$280,000.00	\$130.00	\$260,000.00	\$169.00	\$338,000.00	
IA6		16-inch DIP Watermain	30	LF	\$180.00	\$5,400.00	\$110.00	\$3,300.00	\$140.00	\$4,200.00	\$280.00	\$8,400.00	\$123.46	\$3,703.80	\$150.00	\$4,500.00	\$300.00	\$9,000.00	\$169.00	\$5,070.00	
IA8		24-inch DIP Watermain	25	LF	\$220.00	\$5,500.00	\$130.00	\$3,250.00	\$140.00	\$3,500.00	\$300.00	\$7,500.00	\$236.57	\$5,914.25	\$200.00	\$5,000.00	\$400.00	\$10,000.00	\$172.00	\$4,300.00	
2A2		8-inch Gate Valve	50	EA	\$2,200.00	\$110,000.00	\$1,360.00	\$68,000.00	\$1,890.00	\$94,500.00	\$2,100.00	\$105,000.00	\$1,543.03	\$77,151.50	\$2,000.00	\$100,000.00	\$1,600.00	\$80,000.00	\$1,700.00	\$85,000.00	
2A3		10-inch Gate Valve	3	EA	\$4,000.00	\$12,000.00	\$1,875.00	\$5,625.00	\$2,500.00	\$7,500.00	\$4,100.00	\$12,300.00	\$2,074.00	\$6,222.00	\$3,000.00	\$9,000.00	\$2,500.00	\$7,500.00	\$2,500.00	\$7,500.00	
2B1		12-inch Butterfly Valve	12	EA	\$10,000.00	\$120,000.00	\$5,300.00	\$63,600.00	\$6,800.00	\$81,600.00	\$9,200.00	\$110,400.00	\$7,382.24	\$14,764.48	\$7,000.00	\$84,000.00	\$4,000.00	\$48,000.00	\$7,000.00	\$84,000.00	
2C8		12" x 8" Tapping Sleeve and Valve	2	EA	\$12,000.00	\$24,000.00	\$7,000.00	\$14,000.00	\$9,700.00	\$19,400.00	\$18,000.00	\$36,000.00	\$10,503.10	\$21,006.20	\$10,000.00	\$20,000.00	\$6,000.00	\$12,000.00	\$7,000.00	\$14,000.00	
2C11		16-inch X 12-inch Tapping Sleeve and Valve	1	EA	\$15,000.00	\$15,000.00	\$6,000.00	\$6,000.00	\$7,100.00	\$7,100.00	\$14,000.00	\$14,000.00	\$7,803.50	\$7,803.50	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$7,000.00	\$7,000.00	
2C12		24-inch x 8-inch Tapping Sleeve and Valve	1	EA	\$2,500.00	\$2,500.00	\$2,300.00	\$2,300.00	\$3,700.00	\$3,700.00	\$7,000.00	\$7,000.00	\$2,464.98	\$2,464.98	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	
2E1		Permanent Blow-Off	3	EA	\$7,000.00	\$21,000.00	\$5,200.00	\$15,600.00	\$7,500.00	\$22,500.00	\$15,000.00	\$45,000.00	\$6,005.17	\$18,015.51	\$7,000.00	\$21,000.00	\$4,500.00	\$13,500.00	\$1,300.00	\$3,900.00	
3C		Fire Hydrant Abandonment	17	EA	\$1,500.00	\$25,500.00	\$775.00	\$13,175.00	\$300.00	\$5,100.00	\$3,200.00	\$54,000.00	\$853.34	\$14,506.78	\$1,000.00	\$17,000.00	\$1,000.00	\$17,000.00	\$1,300.00	\$22,100.00	
4A		Test Pit	150	EA	\$800.00	\$120,000.00	\$1,200.00	\$180,000.00	\$300.00	\$45,000.00	\$280.00	\$42,000.00	\$200.00	\$30,000.00	\$350.00	\$52,500.00	\$1,000.00	\$150,000.00	\$500.00	\$75,000.00	
5A		Rock Excavation	100	CY	\$500.00	\$50,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$150.00	\$15,000.00	\$200.00	\$20,000.00	\$200.00	\$20,000.00	
6A		Select Backfill	7000	CY	\$40.00	\$280,000.00	\$45.36	\$317,520.00	\$40.00	\$280,000.00	\$31.00	\$217,000.00	\$38.88	\$272,160.00	\$50.00	\$350,000.00	\$50.00	\$350,000.00	\$33.00	\$231,000.00	
9A		18-inch Casing Pipe	75	LF	\$350.00	\$26,250.00	\$125.00	\$9,375.00	\$187.00	\$14,025.00	\$300.00	\$22,500.00	\$249.07	\$18,680.25	\$300.00	\$22,500.00	\$1,300.00	\$97,500.00	\$420.00	\$31,500.00	
9B		20-inch Casing Pipe	40	LF	\$400.00	\$16,000.00	\$130.00	\$5,200.00	\$228.00	\$9,120.00	\$380.00	\$15,200.00	\$185.14	\$7,405.60	\$1,000.00	\$40,000.00	\$1,300.00	\$52,000.00	\$670.00	\$26,800.00	
9C		24-inch Casing Pipe	200	LF	\$600.00	\$120,000.00	\$918.00	\$183,600.00	\$969.00	\$193,800.00	\$950.00	\$190,000.00	\$1,463.55	\$292,710.00	\$1,000.00	\$200,000.00	\$850.00	\$170,000.00	\$785.00	\$157,000.00	
12A		Testing & Disinfection		LF	\$5.00	\$5,000.00	\$3.00	\$3,000.00	\$4.60	\$8,400.00	\$3.00	\$3,000.00	\$6.00	\$76,200.00	\$3.00	\$3,000.00	\$4.00	\$4,000.00	\$3.70	\$46,990.00	
18A		Flowable Fill	50	CY	\$200.00	\$10,000.00	\$150.00	\$7,500.00	\$150.00	\$7,500.00	\$150.00	\$7,500.00	\$301.13	\$15,056.50	\$150.00	\$7,500.00	\$150.00	\$7,500.00	\$300.00	\$15,000.00	
					sub-total	\$2,572,650.00	sub-total	\$2,028,320.00	sub-total	\$2,066,230.00	sub-total	\$2,008,500.00	sub-total	\$2,533,519.85	sub-total	\$2,478,100.00	sub-total	\$2,466,000.00	sub-total	\$2,894,860.00	
Watermain and Valve Installation																					
7A		Interconnection No. 1 - Nash Rd.	1	LS	\$25,000.00	\$25,000.00	\$5,700.00	\$5,700.00	\$28,600.00	\$28,600.00	\$12,000.00	\$12,000.00	\$10,440.00	\$10,440.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	
7B		Interconnection No. 2 - Nash Rd.	1	LS	\$20,000.00	\$20,000.00	\$4,800.00	\$4,800.00	\$9,028.00	\$9,028.00	\$12,000.00	\$12,000.00	\$8,230.00	\$8,230.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$8,600.00	\$8,600.00	
7C		Interconnection No. 3 - Nash Rd.	1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$11,523.00	\$11,523.00	\$12,000.00	\$12,000.00	\$9,940.00	\$9,940.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	
7D		Interconnection No. 4 - Nash Rd.	1	LS	\$25,000.00	\$25,000.00	\$7,000.00	\$7,000.00	\$11,396.00	\$11,396.00	\$12,000.00	\$12,000.00	\$10,420.00	\$10,420.00	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$20,000.00	\$20,000.00	
7E		Interconnection No. 5 - Ontario Ave.	1	LS	\$20,000.00	\$20,000.00	\$5,200.00	\$5,200.00	\$9,829.00	\$9,829.00	\$12,000.00	\$12,000.00	\$8,740.00	\$8,740.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	
7F		Interconnection No. 6 - Ontario Ave.	1	LS	\$20,000.00	\$20,000.00	\$5,150.00	\$5,150.00	\$9,829.00	\$9,829.00	\$12,000.00	\$12,000.00	\$8,740.00	\$8,740.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	
7G		Interconnection No. 7 - Ontario Ave.	1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$9,829.00	\$9,829.00	\$12,000.00	\$12,000.00	\$8,740.00	\$8,740.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	
7H		Interconnection No. 8 - Adams St	1	LS	\$20,000.00	\$20,000.00	\$4,900.00	\$4,900.00	\$9,829.00	\$9,829.00	\$12,000.00	\$12,000.00	\$8,740.00	\$8,740.00	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	
7I		Interconnection No. 9 - Park Ave.	1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$9,829.00	\$9,829.00	\$12,000.00	\$12,000.00	\$8,740.00	\$8,740.00	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	
7J		Interconnection No. 10 - Park Ave.	1	LS	\$25,000.00	\$25,000.00	\$6,650.00	\$6,650.00	\$10,119.00	\$10,119.00	\$12,000.00	\$12,000.00	\$10,119.00	\$10,119.00	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	
7K		Interconnection No. 11 - Cleveland Ave.	1	LS	\$20,000.00	\$20,000.00	\$4,700.00	\$4,700.00	\$9,559.00	\$9,559.00	\$12,000.00	\$12,000.00	\$8,520.00	\$8,520.00	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	
7L		Interconnection No. 12 - Cleveland Ave.	1	LS	\$20,000.00	\$20,000.00	\$4,900.00	\$4,900.00	\$10,441.00	\$10,441.00	\$15,000.00	\$15,000.00	\$8,740.00	\$8,740.00	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	
7M		Interconnection No. 13 - Cleveland Ave.	1	LS	\$20,000.00	\$20,000.00	\$4,800.00	\$4,800.00	\$10,443.00	\$10,443.00	\$15,000.00	\$15,000.00	\$8,360.00	\$8,360.00	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	
7N		Interconnection No. 14 - Kirby Ave.	1	LS	\$30,000.00	\$30,000.00	\$6,000.00	\$6,000.00	\$21,800.00	\$21,800.00	\$19,000.00	\$19,000.00	\$11,480.00	\$11,480.00	\$11,000.00	\$11,000.00	\$5,000.00	\$5,000.00	\$10,900.00	\$10,900.00	
7O		Interconnection No. 15 - Kirby Ave.	1	LS	\$20,000.00	\$20,000.00	\$4,800.00	\$4,800.00	\$9,459.00	\$9,459.00	\$12,000.00	\$12,000.00	\$8,230.00	\$8,230.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	
7P		Interconnection No. 16 - Kirby Ave.	1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$9,829.00	\$9,829.00	\$15,000.00	\$15,000.00	\$8,740.00	\$8,740.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	
7Q		Interconnection No. 17 - Kirby Ave.	1	LS	\$25,000.00	\$25,000.00	\$5,800.00	\$5,800.00	\$10,886.00	\$10,886.00	\$15,000.00	\$15,000.00	\$9,660.00	\$9,660.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$10,300.00	\$10,300.00	
7R		Interconnection No. 18 - Myrtle Ave.	1	LS	\$20,000.00	\$20,000.00	\$5,100.00	\$5,100.00	\$9,736.00	\$9,736.00	\$12,000.00	\$12,000.00	\$8,700.00	\$8,700.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$6,900.00	\$6,900.00	
7S		Interconnection No. 19 - Minor Ave.	1	LS	\$20,000.00	\$20,000.00	\$4,900.00	\$4,900.00	\$9,559.00	\$9,559.00	\$12,000.00	\$12,000.00	\$8,740.00	\$8,740.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$6,700.00	\$6,700.00	
7T		Interconnection No. 20 - North Dr.	1	LS	\$22,000.00	\$22,000.00	\$4,800.00	\$4,800.00	\$9,498.00	\$9,498.00	\$12,000.00	\$12,000.00	\$8,420.00	\$8,420.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	
7U		Interconnection No. 21 - South Fisher Rd.	1	LS	\$22,000.00	\$22,000.00															

Tabulation of Bids																	
Eric County Water Authority Contract No. WSA-015 Water System Improvements Town of Hamburg and City of Lackawanna Project No. 202000058 Tuesday, June 29, 2021, 11:00 am																	
Item No.	Bid Item Description	Quantity	Unit	Itemized Engineer's Estimate Dated: 05/17/2021		Bidder		Bidder		Bidder							
				FUMP	Est Price	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total				
11A1	Concrete Sidewalk	1500	SY	\$50.00	\$80.00	\$75,000.00	\$120,000.00	\$100.00	\$150,000.00	\$73.46	\$110,190.00	\$100.00	\$150,000.00	\$75.00	\$112,500.00	\$109.00	\$163,500.00
11A2	Concrete Driveway	300	SY	\$75.00	\$100.00	\$22,500.00	\$30,000.00	\$107.00	\$32,100.00	\$93.36	\$28,008.00	\$125.00	\$37,500.00	\$85.00	\$25,500.00	\$102.00	\$30,600.00
11A3	Concrete Base Course	800	SY	\$100.00	\$150.00	\$80,000.00	\$120,000.00	\$114.00	\$91,200.00	\$100.00	\$80,000.00	\$100.00	\$80,000.00	\$300.00	\$240,000.00	\$100.00	\$80,000.00
11A4	Concrete Curb/Gutter	600	LF	\$75.00	\$80.00	\$45,000.00	\$48,000.00	\$75.00	\$45,000.00	\$75.00	\$45,000.00	\$75.00	\$45,000.00	\$85.00	\$51,000.00	\$75.00	\$45,000.00
11B1	Asphalt Sidewalk	20	SY	\$50.00	\$50.00	\$1,000.00	\$1,000.00	\$113.00	\$2,260.00	\$68.75	\$1,375.00	\$200.00	\$4,000.00	\$48.00	\$960.00	\$196.00	\$3,920.00
11B2	Asphalt Driveway	250	SY	\$75.00	\$75.00	\$18,750.00	\$18,750.00	\$75.00	\$18,750.00	\$75.00	\$18,750.00	\$115.00	\$28,750.00	\$75.00	\$18,750.00	\$130.00	\$32,500.00
11B3	Pavement - 2 inch Top Course	15000	SY	\$5.00	\$25.00	\$75,000.00	\$375,000.00	\$12.00	\$180,000.00	\$11.10	\$166,500.00	\$12.00	\$180,000.00	\$20.00	\$300,000.00	\$19.00	\$285,000.00
11B4A	Pavement - 2-1/2 inch Binder Course	250	SY	\$5.00	\$35.00	\$1,250.00	\$8,750.00	\$26.00	\$6,500.00	\$30.36	\$7,590.00	\$35.00	\$8,750.00	\$23.00	\$5,750.00	\$66.00	\$16,500.00
11B4B	Pavement - 4-1/2 inch Binder Course	5000	SY	\$5.00	\$45.00	\$25,000.00	\$225,000.00	\$29.00	\$145,000.00	\$26.47	\$132,350.00	\$30.00	\$150,000.00	\$32.00	\$160,000.00	\$80.00	\$400,000.00
11B5A	Pavement - 8 inch Base Course - State/County	75	SY	\$80.00	\$75.00	\$6,000.00	\$5,625.00	\$62.00	\$4,650.00	\$62.57	\$6,192.75	\$70.00	\$5,250.00	\$42.00	\$3,150.00	\$195.00	\$14,625.00
11B5B	Pavement - 4 inch Base Course - Local Roads	5000	SY	\$50.00	\$50.00	\$250,000.00	\$250,000.00	\$23.48	\$117,400.00	\$39.21	\$196,050.00	\$20.00	\$100,000.00	\$30.00	\$150,000.00	\$31.00	\$155,000.00
11B6	Cold Milling of Asphalt Pavement	15000	SY	\$6.00	\$10.00	\$90,000.00	\$150,000.00	\$2.75	\$41,250.00	\$4.26	\$63,900.00	\$3.50	\$52,500.00	\$12.00	\$180,000.00	\$6.75	\$101,250.00
11C1	Landscape Restoration	3500	LF	\$3.00	\$10.00	\$10,500.00	\$35,000.00	\$7.00	\$24,500.00	\$4.14	\$14,490.00	\$8.00	\$28,000.00	\$8.00	\$28,000.00	\$11.00	\$38,500.00
				sub-total		\$776,350.00	\$856,210.00	sub-total	\$859,110.00	sub-total	\$870,395.75	sub-total	\$819,750.00	sub-total	\$1,275,610.00	sub-total	\$1,366,395.00
13A	Extra Excavation (8 to 10 Feet Deep)	200	LF	\$10.00	\$60.00	\$2,000.00	\$12,000.00	\$28.00	\$5,600.00	\$28.00	\$5,600.00	\$10.00	\$2,000.00	\$10.00	\$2,000.00	\$20.00	\$4,000.00
13B	Extra Excavation (10 to 12 Feet Deep)	100	LF	\$20.00	\$75.00	\$2,000.00	\$7,500.00	\$61.00	\$6,100.00	\$61.00	\$6,100.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$24.00	\$2,400.00
13C	Extra Concrete	50	CY	\$100.00	\$175.00	\$5,000.00	\$8,750.00	\$177.00	\$8,850.00	\$177.00	\$8,850.00	\$200.00	\$10,000.00	\$200.00	\$10,000.00	\$239.00	\$11,950.00
14A	Repair Crew Labor and Equipment	40	HR	\$150.00	\$200.00	\$6,000.00	\$8,000.00	\$150.00	\$6,000.00	\$420.63	\$16,825.20	\$750.00	\$30,000.00	\$400.00	\$16,000.00	\$502.00	\$20,080.00
15A	Vacuum Truck and Labor	40	HR	\$125.00	\$200.00	\$5,000.00	\$8,000.00	\$430.00	\$17,200.00	\$303.49	\$12,139.60	\$400.00	\$16,000.00	\$400.00	\$16,000.00	\$307.00	\$12,280.00
16A	Work Stoppage "All Stop"	16	HR	\$100.00	\$500.00	\$1,600.00	\$8,000.00	\$100.00	\$1,600.00	\$618.72	\$9,899.52	\$250.00	\$4,000.00	\$400.00	\$6,400.00	\$732.00	\$11,712.00
17A	Electrically Qualified Person	160	HR	\$100.00	\$200.00	\$16,000.00	\$32,000.00	\$150.00	\$24,000.00	\$109.63	\$17,540.80	\$100.00	\$16,000.00	\$125.00	\$20,000.00	\$265.00	\$42,400.00
19A	Contingency Allowance	-	LS	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
				sub-total		\$237,600.00	\$284,250.00	sub-total	\$278,198.00	sub-total	\$276,655.12	sub-total	\$291,500.00	sub-total	\$272,900.00	sub-total	\$304,822.00
				Total Amount		\$3,698,420.00	\$4,024,985.00	Total Bid Amount	\$4,293,570.00	Total Bid Amount	\$4,432,693.00	Total Bid Amount	\$4,596,750.00	Total Bid Amount	\$4,913,350.00	Total Bid Amount	\$5,319,397.00
						\$292.25	\$318.05		\$339.28		\$360.27		\$388.25		\$420.34		\$438.80
						8.8%	16.1%		19.9%		24.3%		32.8%		43.8%		43.8%
						\$326,565.00	\$595,150.00		\$734,273.00		\$898,330.00		\$1,214,930.00		\$1,620,977.00		\$1,620,977.00

**ERIE COUNTY WATER AUTHORITY
RECOMMENDATION FOR AWARD OF CONTRACT**

Contract: WSA-015 Project No.: 202000058
 Project Description: Water System Improvements
Town of Hamburg and City of Lackawanna.

CONTRACT AWARD

Contractor/Supplier: 716 Site Contracting, Inc.
 Award Amount: \$3,698,420.00

BID SUMMARY:

Date Advertised for Bids: 05/24/2021 Date of Bid Opening 06/29/2021

Bidder	Total Bid Amount
<u>716 Site Contracting, Inc.</u>	<u>\$3,698,420.00</u>
<u>Concrete Applied Technologies d/b/a CATCO</u>	<u>\$4,024,985.00</u>
<u>E&R General Contracting, Inc.</u>	<u>\$4,293,570.00</u>
<u>New Frontier Excavating & Paving, Inc.</u>	<u>\$4,432,693.00</u>
<u>Milhurst Construction, Inc.</u>	<u>\$4,596,750.00</u>
<u>CMH Company, Inc.</u>	<u>\$4,913,350.00</u>
<u>Kandey Company, Inc.</u>	<u>\$5,319,397.00</u>
<u> </u>	<u>\$0.00</u>
<u> </u>	<u>\$0.00</u>
<u> </u>	<u>\$0.00</u>

Attachments: Bid Tabulation Consultant's Recommendation

APPROVALS (Select applicable)

WMBE APPROVAL

No Waiver
 Full Waiver
 Partial Waiver

Affirmative Action Officer *Devonja Lester* Date 07/14/2021

INSURANCE APPROVAL

Claims Rep/Risk Manager *Molly Op Musarra* Date 07/13/2021

NYS CERTIFIED APPRENTICESHIP PROGRAM APPROVAL

Coordinator of Employee Relations *Michael Lewkowicz* Date 7/16/21

Remarks: Unit price contract.