ERIE COUNTY WATER AUTHORITY AUTHORIZATION FORM

For Approval/Execution of Documents (check which apply)

Contract: NC-039 Project No.: 201900073 Project Description: Water System Improvements, Towns of Amherst and Cheektowaga.					
Item Description:					
Agreement Professional Service Contract Amendment BCD NYSDOT Agreement Contract Document 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 Cha Board Authorization to Advertise for Bids Execution by the Sec Board Authorization to Solicit Request for Proposals Other	airman cretary to the Authority				
Approvals Needed: APPROVED AS TO CONTENT: 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: 03/31/2020 Date: 03.30.2020 Date: 03/21/2020 Date: 03/30/2020 Date: 03/30/2020 Date: 04/01/20				
Remarks: _Unit price contract.					

Item No:

Resolution Date:



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

March 16, 2020

To:

Terrence D. McCracken, Secretary to the Authority

From:

Jeffrey R. Sylvester, Distribution Engineer

Subject: Contract NC-039

Water System Improvements

Towns of Amherst and Cheektowaga

ECWA Project No. 201900073

On Tuesday, February 25, 2020, the Authority received two (2) 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 New Frontier Excavating & Paving, Inc. (New Frontier). Enclosed please find a copy of the letter of recommendation from the Consultant, Nussbaumer & Clarke, Inc., as well as the bid tabulation sheet for your use and information.

The second bidder, DJM Contracting, Inc., made a minor mathematical error in their bid. This was corrected (as indicated in the Consultant's letter and on the bid tabulation) and did not change the New Frontier's position as the low bidder for the project.

New Frontier is an established contractor with the Authority and has performed work in a competent and acceptable manner on a number of different contracts. They have good understanding of the scope and requirements for this contract. The Engineer's estimate for the contract was \$2,704,125.00 and the bid by New Frontier is \$2,644,843.00.

New Frontier 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, NC-039 to New Frontier Excavating & Paving, Inc.. in the amount of \$2,644,843.00, 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 Nussbaumer & Clarke, Inc. dated March 5, 2020.
- 4. Bid Tabulation.

JRS:jmf Attachments cc: R.Stoll

L.Kowalski

L.Lester

CONT-NC-039-1901-I-186-B

March 5, 2020



Steven W. Denzler, P.E. Distribution Engineer Erie County Water Authority 3030 Union Road Buffalo, NY 14227

Re:

Contract NC-039

Water System Improvements

Towns of Amherst and Cheektowaga

ECWA Project No. 201900073 Award Recommendation

File No. 19J1-0021

Dear Mr. Denzler:

In accordance with the Notice to Bidders and New York State Contract Reporter Advertisement, sealed bids for the Water System Improvements, Towns of Amherst and Cheektowaga were opened and read aloud at 11:00 a.m. on February 25, 2020, at the Erie County Water Authority's Ellicott Square Office. A total of two (2) bids were received, both of which are below the engineer's estimated value of \$2,704,125.00. The difference between the two bids is \$4,827.00 or 0.2%, suggesting competitive pricing for the project. One of the bids contained a minor math error. The correction is highlighted and explained in the bid tabulation. This correction did not change the low bidder. New Frontier Excavating & Paving, Inc. (New Frontier) remained the low bidder after the bid values were corrected, as stipulated in the contract documents.

The results are per the attached bid tabulation and are summarized as follows.

Bidder	Total Bid Amount		
New Frontier Excavating & Paving, Inc.	\$ 2,644,843.00		
DJM Contracting, Inc. (1)	\$ 2,649,670.00		

⁽¹⁾ Corrected

Nussbaumer & Clarke, Inc. (Nussbaumer) evaluated the bid for New Frontier. This included contacting several of the project references included with their bid, and then discussing the project with New Frontier.

Pending the Erie County Water Authority's approval of the bidder's Bid Bond, MWBE submittal, and insurance, Nussbaumer recommends award of Contract NC-039, Water System Improvements, Towns of Amherst and Cheektowaga to the lowest responsible bidder, New Frontier Excavating & Paving, Inc., in the total amount of \$2,644,843.00.

Steven W. Denzler, P.E. Erie County Water Authority March 4, 2020



Should you have any questions or require additional information regarding this matter, please contact us at your convenience.

Sincerely,

NUSSBAUMER & CLARKE, INC.

Gary Muffoletto, P.E.

Vice President – Engineering

Enclosure

c: File – 02 and 16 (w/encl.)

Travis Sikora, E.I.T.

Civil Engineer

ERIE COUNTY WATER AUTHOIRTY RECOMMENDATION FOR AWARD OF CONTRACT

Contract:	NC-039	Project No.: 201900073				
Project Description:	Water System Improveme					
	Towns of Amherst and Ch	neektowaga				
	 					
CONTRACT AWAI	2D					
Contractor/Supplier:	New Frontier Excavating	& Paving, Inc.				
Award Amount:	\$2.644.843.00	6)				
BID SUMMARY Date Advertised for B	:day 01/15/2020	Date of Bid Opening: 02/25/2020				
	Bidder	Date of Bid Opening: 02/25/2020 Total Bid Amount				
New Frontier Excava		\$2,644,843.00				
DJM Contracting, In		**\$2,649,670.00				
1.45.71	The district					
		*** () 1 4				
		** Corrected Amount				
	TV DUM LIN	THE COLUMN THE STATE OF THE STA				
Attachments:	X Bid Tabulation	X Consultant's Recommendation				
BUDGET						
Capital	O & M Unit No.:	Budget Item No.:				
Capital	O & M Unit No.:	Budget Item No.:				
	O & M Unit No.:	Budget Item No.:				
Capital	O & M Unit No.:	Budget Item No.:				
APPROVALS (Selec	t applicable)	4				
X WMBE APPRO		11				
Affirmative Action	on Officer	woung Telsala Date: 3/d4/202				
X NVS CERTIFIE	O APPRENTICESHIP PROC	GRAM APPROVAL				
	mployee Relations Wick	hast Lewkowicz Date 3/30/20				
		0-3/30/2				
Remarks:						
T.C.III.						

Erie County Water Authority NC-039 Water System Improvements Project		Engineer's Estimate of Probable Bid Price		DJM Contracting, Inc.		New Frontier Excavating & Paving, Inc.			
Item Number		Unit	Contract Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1A1	Ductile Iron Watermain Pipe 4-inch Ductile Iron Watermain	LF	20	\$55.00	\$1,100.00	\$22.00	\$440.00	\$30.99	\$619.80
1A2	6-inch Ductile Iron Watermain	LF	250	\$60.00	\$15,000.00	\$21.00	\$5,250.00	\$30.16	\$7,540.00
1A3	8-inch Ductile Iron Watermain	LF	8,300	\$92.00	\$763,600.00	\$79.00	\$655,700.00	\$146.34	\$1,214,622.00
1A4	12-inch Ductile Iron Watermain Valves	LF	30	\$105.00	\$3,150.00	\$44.00	\$1,320.00	\$66.91	\$2,007.30
2A2	8-inch Gate Valve	EA	52	\$2,200.00	\$114,400.00	\$5,270.00	\$274,040.00	\$1,485.90	\$77,266.80
2B1	12-inch Butterfly Valve	EA	2	\$3,000.00	\$6,000.00	\$2,200.00	\$4,400.00	\$1,960.25	\$3,920.50
2C11	20-inch x 8-inch Tapping Sleeve and Valve	EA	1	\$2,500.00	\$2,500.00	\$3,300.00	\$3,300.00	\$9,524.00	\$9,524.00
2D1	Permanent Blow-off Assembly Fire Hydrants	EA	4	\$2,200.00	\$8,800.00	\$3,200.00	\$12,800.00	\$1,559.55	\$6,238.20
3A	New Fire Hydrant Assemblies	EA	15	\$6,500.00	\$97,500.00	\$9,620.00	\$144,300.00	\$5,307.76	\$79,616.40
3C	Fire Hydrant Abandonment	EA	9	\$1,200.00	\$10,800.00	\$1,100.00	\$9,900.00	\$1,242.35	\$11,181.15
4.4	Test Pit Excavation and Backfill	F.4	100	Ć500.00	ć50 000 00	¢200.00	ć20.000.00	Ć100.00	ć10.000.00
4A	Test Pits Rock Excavation	EA	100	\$500.00	\$50,000.00	\$300.00	\$30,000.00	\$100.00	\$10,000.00
5A	Rock Excavation	CY	50	\$190.00	\$9,500.00	\$200.00	\$10,000.00	\$100.00	\$5,000.00
	Fill		•						
6A	Select Backfill	CY	4,300	\$35.00	\$150,500.00	\$34.00	\$146,200.00	\$35.18	\$151,274.00
7A	Interconnections Interconnection No. 1 at Crosby and Maynard	LS	1	\$14,000.00	\$14,000.00	\$20,000.00	\$20,000.00	\$8,970.00	\$8,970.00
7A 7B	Interconnection No. 2 at Crosby and Maynard Interconnection No. 2 at Crosby and Maynard	LS	1	\$14,000.00	\$14,000.00	\$21,000.00	\$20,000.00	\$8,970.00	\$8,970.00
7C	Interconnection No. 3 at Crosby and Endicott	LS	1	\$14,000.00	\$14,000.00	\$20,000.00	\$20,000.00	\$8,755.00	\$8,755.00
7D	Interconnection No. 4 at Crosby and Endicott	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$8,970.00	\$8,970.00
7E 7F	Interconnection No. 5 at Crosby and Rosedale Interconnection No. 6 at Crosby and Eggert	LS LS	1	\$14,000.00 \$14,000.00	\$14,000.00 \$14,000.00	\$20,500.00 \$20,500.00	\$20,500.00 \$20,500.00	\$2,925.00 \$8,690.00	\$2,925.00 \$8,690.00
7F 7G	Interconnection No. 7 at Olney and Hendricks	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$8,970.00	\$8,970.00
7H	Interconnection No. 8 at Olney and Hendricks	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$8,970.00	\$8,970.00
71	Interconnection No. 9 at Olney and Olney West	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$8,970.00	\$8,970.00
7J	Interconnection No. 10 at Bissell and Hendricks	LS	1	\$14,000.00	\$14,000.00 \$14,000.00	\$20,500.00	\$20,500.00	\$8,970.00	\$8,970.00 \$8,970.00
7K 7L	Interconnection No. 11 at Bissell and Hendricks Interconnection No. 12 at Garland and Morton	LS LS	1	\$14,000.00 \$14,000.00	\$14,000.00	\$20,500.00 \$20,500.00	\$20,500.00 \$20,500.00	\$8,970.00 \$8,970.00	\$8,970.00
7M	Interconnection No. 13 at Garland and Eggert	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$8,607.00	\$8,607.00
7N	Interconnection No. 14 at Fairchild and Hendricks	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$8,970.00	\$8,970.00
70	Interconnection No. 15 at Fairchild and Hendricks	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$8,970.00	\$8,970.00
7P 7Q	Interconnection No. 16 at Treehaven Interconnection No. 17 at Treehaven and Century	LS LS	1	\$14,000.00 \$14,000.00	\$14,000.00 \$14,000.00	\$20,500.00 \$20,500.00	\$20,500.00 \$20,500.00	\$6,490.00 \$8,695.00	\$6,490.00 \$8,695.00
7R	Interconnection No. 18 at Anna and Lorraine	LS	1	\$14,000.00	\$14,000.00	\$22,000.00	\$22,000.00	\$6,670.00	\$6,670.00
7\$	Interconnection No. 19 at Anna and Lorraine	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$8,970.00	\$8,970.00
7T	Interconnection No. 20 at Kensington	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$9,044.00	\$9,044.00
7U 7V	Interconnection No. 21 at Avery Interconnection No. 22 at Avery and Herbert	LS LS	1 1	\$14,000.00 \$14,000.00	\$14,000.00 \$14,000.00	\$20,500.00 \$20,500.00	\$20,500.00 \$20,500.00	\$8,970.00 \$8,780.00	\$8,970.00 \$8,780.00
7W	Interconnection No. 23 at Avery and Herbert	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$12,414.00	\$12,414.00
7X	Interconnection No. 24 at Elm and Washington	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$11,499.00	\$11,499.00
7Y	Interconnection No. 25 at Elm and Washington	LS	1	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00	\$8,970.00	\$8,970.00
	Water Service Connections		1						
8A1 8A2	3/4" to 1" Service Replacement/Installation Near Side 1 1/2" and Larger Service Replacement/Installation Near S	EA EA	95 3	\$1,600.00 \$2,000.00	\$152,000.00 \$6,000.00	\$1,750.00 \$3,500.00	\$166,250.00 \$10,500.00	\$1,271.80 \$4,681.79	\$120,821.00 \$14,045.37
8B1	3/4" to 1" Service Replacement/Installation Far Side	EA	100	\$2,300.00	\$230,000.00	\$2,200.00	\$220,000.00	\$2,100.06	\$210,006.00
8B2	1 1/2" and Larger Service Replacement/Installation Far Sid	EA	3	\$2,500.00	\$7,500.00	\$5,000.00	\$15,000.00	\$4,681.79	\$14,045.37
8C1	3/4" to 1" Additional Copper Tubing	LF	4,000	\$10.00	\$40,000.00	\$3.00	\$12,000.00	\$3.40	\$13,600.00
8C2	1 1/2" and Larger Additional Copper Tubing Casing Pipe	LF	100	\$15.00	\$1,500.00	\$12.00	\$1,200.00	\$11.00	\$1,100.00
9A	18-inch Daimeter Casing Pipe	LF	100	\$560.00	\$56,000.00	\$40.00	\$4,000.00	\$0.01	\$1.00
	Abandonments				,		. ,		
10A	Abandonment 1 - Treehaven Road	LS	1	\$7,500.00	\$7,500.00	\$11,995.00	\$11,995.00	\$8,356.87	\$8,356.87
10B	Abandonment 2 - Lorraine Lane Abandonment 3 - Kensington Avenue	LS LS	1 1	\$7,500.00 \$7,500.00	\$7,500.00 \$7,500.00	\$7,700.00 \$7,500.00	\$7,700.00 \$7,500.00	\$8,518.79 \$5,901.35	\$8,518.79 \$5,901.35
10C 10D	Abandonment 3 - Kensington Avenue Abandonment 4 - Washington Highway	LS	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$5,901.35	\$5,901.35
	Restoration			,===	, , , , , , , , , , , , , , , , , , , ,	, ,====	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , ,	7-,2.0.
11A1	Concrete Sidewalk Restoration	SY	950	\$70.00	\$66,500.00	\$34.00	\$32,300.00	\$20.00	\$19,000.00
11A2	Concrete Driveway Restoration	SY	50	\$80.00	\$4,000.00	\$30.00	\$1,500.00	\$126.20	\$6,310.00
11A3 11A4	Concrete Base Course Curb/Gutter Restoration	SY LF	50 375	\$110.00 \$75.00	\$5,500.00 \$28,125.00	\$30.00 \$15.00	\$1,500.00 \$5,625.00	\$150.00 \$60.00	\$7,500.00 \$22,500.00
11B2	Asphalt Driveway Restoration	SY	50	\$75.00	\$3,750.00	\$15.00	\$750.00	\$42.29	\$2,114.50
11B3	Pavement Top Course	SY	8,500	\$25.00	\$212,500.00	\$14.00	\$119,000.00	\$16.73	\$142,205.00
11B4	Pavement Binder Course	SY	2,700	\$25.00	\$67,500.00	\$35.00	\$94,500.00	\$18.59	\$50,193.00
11B5 11C1	Pavement Base Course Landscape Restoration	SY LF	2,700 1,000	\$50.00 \$7.00	\$135,000.00 \$7,000.00	\$30.00 \$5.00	\$81,000.00 \$5,000.00	\$54.51 \$11.49	\$147,177.00 \$11,490.00
11C2	Tree Planting	EA	6	\$500.00	\$3,000.00	\$100.00	\$600.00	\$854.46	\$5,126.76
11C3	Tree Removal (Less than 12-inch diameter)	EA	3	\$1,300.00	\$3,900.00	\$100.00	\$300.00	\$100.00	\$300.00
11C4	Tree Removal (Greater than 12-inch diameter)	EA	3	\$1,800.00	\$5,400.00	\$500.00	\$1,500.00	\$100.00	\$300.00
12A	Testing and Disinfection Testing and Disinfection	LF	8,600	\$E DO	\$43,000,00	¢2.00	\$25,900,00	\$2.00	\$25,800.00
TZM	Extra work Items	LF	0,000	\$5.00	\$43,000.00	\$3.00	\$25,800.00	\$3.00	323,8UU.UU
13A	Extra Excavation (8 to 10 feet deep)	LF	100	\$26.00	\$2,600.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
13B	Extra Excavation (10 to 12 feet deep)	LF	50	\$35.00	\$1,750.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
13C	Extra Concrete	CY	50	\$175.00	\$8,750.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00

Average Bid Price					
Average Unit Price	Average Total Price				
\$26.50	\$529.90				
\$25.58 \$112.67	\$6,395.00 \$935,161.00				
\$55.46	\$1,663.65				
\$3,377.95	\$175,653.40				
\$2,080.13 \$6,412.00	\$4,160.25 \$6,412.00				
\$2,379.78	\$9,519.10				
\$7,463.88	\$111,958.20				
\$1,171.18	\$10,540.58				
\$200.00	\$20,000.00				
\$200.00	\$20,000.00				
\$150.00	\$7,500.00				
\$34.59	\$148,737.00				
\$14,485.00	\$14,485.00				
\$14,985.00	\$14,985.00				
\$14,377.50 \$14,735.00	\$14,377.50 \$14,735.00				
\$11,712.50	\$11,712.50				
\$14,595.00 \$14,735.00	\$14,595.00 \$14,735.00				
\$14,735.00	\$14,735.00				
\$14,735.00 \$14,735.00	\$14,735.00 \$14,735.00				
\$14,735.00	\$14,735.00				
\$14,735.00 \$14,553.50	\$14,735.00 \$14,553.50				
\$14,735.00	\$14,735.00				
\$14,735.00 \$13,495.00	\$14,735.00 \$13,495.00				
\$14,597.50	\$14,597.50				
\$14,335.00 \$14,735.00	\$14,335.00 \$14,735.00				
\$14,772.00	\$14,772.00				
\$14,735.00 \$14,640.00	\$14,735.00 \$14,640.00				
\$16,457.00	\$16,457.00				
\$15,999.50 \$14,735.00	\$15,999.50 \$14,735.00				
ψ± .,. 33.00	ψ± 1,7. 33.00				
\$1,510.90 \$4,090.90	\$143,535.50 \$12,272.69				
\$4,090.90 \$2,150.03	\$12,272.69 \$215,003.00				
\$4,840.90	\$14,522.69				
\$3.20 \$11.50	\$12,800.00 \$1,150.00				
400.00					
\$20.01	\$2,000.50				
\$10,175.94 \$8,109.40	\$10,175.94 \$8.109.40				
\$8,109.40	\$8,109.40 \$6,700.68				
\$6,735.92	\$6,735.92				
\$27.00	\$25,650.00				
\$78.10	\$3,905.00				
\$90.00 \$37.50	\$4,500.00 \$14,062.50				
\$28.65	\$1,432.25				
\$15.37 \$26.80	\$130,602.50 \$72,346.50				
\$42.26	\$114,088.50				
\$8.25 \$477.23	\$8,245.00 \$2,863.38				
\$100.00	\$300.00				
\$300.00	\$900.00				
\$3.00	\$25,800.00				
\$20.00	\$2,000.00				
\$20.00	\$1,000.00				
\$50.00 \$2.647	\$2,500.00 7.256.50				
\$2,647,256.50					

Note: Contractor did not include price in total bid amount.

Note: Corrected total bid amount.

Page 1 of 1