ERIE COUNTY WATER AUTHORITY



INTEROFFICE MEMORANDUM

December 9, 2024

To: Terrence D. McCracken, Secretary to the Authority

From: Michael J. Quinn, PE, Senior Distribution Engineer

Subject: Contract W-030

Water System Improvements

36 & 42-inch Transmission Main Replacement Project

Town of Amherst

ECWA Project No. 201800074

On Tuesday, November 19, 2024, the Authority received two (2) bids for the above-referenced contract. The bids have been reviewed, a mathematical check has been performed, and the apparent low bidder, Concrete Applied Technologies Corp. d/b/a CATCO. (CATCO), was found acceptable.

CATCO is an established contractor for the Authority who has worked on numerous ECWA contracts, performing work of similar nature in a competent, reliable, and acceptable manner. They have demonstrated a good understanding of the scope and requirements for this contract.

The total Engineer's estimate for the contract was \$10,995,100.00. The bid submitted by CATCO is \$14,783,120.00. While this difference appears fairly large, given the lack of similar projects with which to compare prices, the uncertainty during design of costs associated with working on National Grid property, the current construction market, contractor availability, material availability, and pricing volatility, both the consultant and the Engineering Department believe that the cost remains reasonable.

CATCO has provided adequate MWBE documentation, approved by EEO Compliance Officer, insurance, approved by Claims Representative/Risk Manager, and proof of apprenticeship program, approved by the Coordinator of Employee Relations.

We, therefore, recommend the award of the above referenced contract to Concrete Applied Technologies Corp. d/b/a CATCO in the amount of \$14,783,120.00 for the Board's consideration and, if approved, for the Chairman to execute.

Budget Information (2025 Construction):

Unit: 2595 Engineering/Construction Transmission Mains Item: 101362 W-030 Transmission Main Replacement

Due to the size of the project and long lead times for much of the materials, construction will not be completed until 2026 and as such, the 2026 ECWA capital budget request will include funding for the balance of the project.

Attached please find the following documents:

- 1. ECWA Authorization Form.
- 2. ECWA Recommendation for Award of Contract form.
- 3. Letter of recommendation from Wendel (Consultant for this project) dated December 3, 2024 and Bid Tabulation.

MJQ:jmf
Attachments
cc: L.Kowalski, PE
L.Lester
CONT-W-030-1801-X-12

ERIE COUNTY WATER AUTHORITY AUTHORIZATION FORM

For Approval/Execution of Documents (check which apply)

Contract: W-030 Project No.: 201800074 Project Description: Water System Improvements, 36 and 42-inch Transmission Main Replacement Project, Town of Amherst.						
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 Ch 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: X Sr. Distribution Engineer 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: 12/9/2024 Date: 12/09/2024 Date: 12/9/2024 Date: 12/09/2024 Date: 12/09/2024 Date: 12/09/2024 Date: 12/9/2024 Date: 12/9/2024 Date: 12-9-2024					
Remarks: Unit price contract. Pending Receipt of Builders Risk Insurance. MJM						
Resolution Date: Item No:						

ERIE COUNTY WATER AUTHORITY RECOMMENDATION FOR AWARD OF CONTRACT

Contract: Project Description:	W-030 Water System Improvements 36 & 42-inch Transmission Main Town of Amherst	Project No.: n Replacement Project	201800074			
CONTRACT AWARD Contractor/Supplier: Concrete Applied Technologies Corp. d/b/a CATCO Award Amount: \$14,783,120.00						
BID SUMMARY: Date Advertised for B	Bids: 10/15/2024	Date of Bid Opening	g 11/19/2024			
	Bidder Technologies Corp d/b/a CATCO	Tota	1 Bid Amount 4,783,120.00 7,953,425.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00			
Attachments:	X Bid Tabulation	X Consultant's Re	ecommendation			
APPROVALS (Select applicable) WMBE APPROVAL No Waiver Full Waiver X Partial Waiver X EEO Compliance Officer Auonya Lotte Date 12/09/2024						
INSURANCE APPROVAL X Claims Rep/Risk Manager Molly of Musarra Date 12/5/2024						
	PPRENTICESHIP PROGRAM AI	PPKOVAL	Date <u>12/05/2024</u>			
Remarks: Unit price	e contract.					



December 3, 2024

Mr. Michael Quinn, PE Erie County Water Authority 23030 Union Road Cheektowaga, New York 14227

SUBJECT: RECOMMENDATION OF AWARD

ERIE COUNTY WATER AUTHORITY

WATER SYSTEM IMPROVEMENTS - 36 & 42-INCH TRANSMISSION MAIN REPLACEMENT PROJECT

CONTRACT NO. W-030

ECWA PROJECT NO. 201800074 WENDEL PROJECT NO. 239839

Dear Mr. Quinn:

Bids on the above referenced project were received and opened on November 19, 2024, in accordance with the Notice to Bidders previously authorized.

The bids submitted were recorded as follows:

CONTRACTOR TOTAL BID

D. Clan

Concrete Applied Technologies Corp. DBA CATCO \$ 14,783,120.00 Kandey Company, Inc. \$ 17,953,425.00

Wendel conducted a phone interview with Concrete Applied Technologies Corp. DBA CATCO to confirm their understanding of the requirements of this project. Their responses were satisfactory. Based upon these findings, it is our opinion that Concrete Applied Technologies Corp. DBA CATCO is the lowest responsible bidder for this project.

Wendel has reviewed the Contract Documents and the information provided by Concrete Applied Technologies Corp. DBA CATCO. Based on this review we recommend award of the Base Bid to Concrete Applied Technologies Corp. DBA CATCO 1266 Townline Road, Alden, New York 14004 in the amount of \$14,783,120.00 pending Erie County Water Authority Attorney review.

Sincerely,

Wendel

Robert D. Klavoon, PE Project Manager

ECWA WATER SYSTEM IMPROVEMENTS - 36 & 42-INCH TRANSMISSION MAIN REPLACEMENT PROJECT W-030 11/20/2024 PROJECT : CONTRACT : DATE : TABULATION OF BIDS PAGE 1

		1	NO. 1		N	0. 2	ENGINEER	RS ESTIMATE	\neg
++ INDICATES CONTRACTOR ERROR		Concrete Applied Technologie: Corp. DBA CATCO Alden, New York		BA CATCO	s Kandey Company, Inc. West Seneca, New York		WENDEL		
ITEM#	DESCRIPTION	QUANTITY UNITS	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE		
1A10	For furnishing and installing36-inch Ductile Iron Pipe (DIP) Watermain	100 LF	815.00	81,500.00	0 1,560.00	156,000.00	0 355.00	35,500.00	0
1C5 - N	For furnishing and installing 36-inch Prestressed Concrete Cylinder Pipe (PCCP) Watermain	1450 LF	799.00	1,158,550.00	0 820.00	1,189,000.00	0 770.00	1,116,500.00	0
	For furnishing and installing 36-inch Prestressed Concrete								
1C5 - S	Cylinder Pipe (PCCP) Watermain For furnishing and installing 42-inch Prestressed Concrete	1750 LF	1,260.00	2,205,000.00	0 1,100.00	1,925,000.00	0 800.00	1,400,000.00	0
1C6	Cylinder Pipe (PCCP) Watermain	2800 LF	1,415.00		0 1,150.00	3,220,000.00			
2A2 2A3	For furnishing and installing 8-inch Gate Valve For furnishing and installing 10-inch Gate Valve	1 EA 1 EA	3,100.00 4,500.00		0 3,000.00 0 11,400.00		0 3,900.00 0 4,400.00	3,900.00 4,400.00	
2B1	For furnishing and installing 12-inch Butterfly Valve	2 EA	3,700.00		0 3,500.00	7,000.00	0 17,500.00	35,000.00	0
2B2	For furnishing and installing 16-inch Butterfly ValvE	1 EA	8,200.00		6,000.00		0 27,500.00	27,500.00	
2B6 2B7	For furnishing and installing 36-inch Butterfly Valve in Chamber For furnishing and installing 42-inch Butterfly Valve	2 EA 3 EA	156,000.00 162,000.00		0 190,000.00 0 200,000.00		0 180,000.00 0 205,000.00		
201	For furnishing and installing Air Release Valve in Concrete	O EX	102,000.00	400,000.00	200,000.00	000,000.00	200,000.00	010,000.00	Ü
2D1 - N	Chamber For furnishing and installing Air Release Valve in Concrete	3 EA	55,000.00	165,000.00	0 40,000.00	120,000.00	0 45,000.00	135,000.00	0
2D1 - S	Chamber	1 EA	55,000.00	55,000.00	0 47,000.00	47,000.00	0 45,000.00	45,000.00	0
2E1 - N	For furnishing and installing 10-inch Flush Valve Assembly	2 EA	16,000.00	32,000.00	0 34,000.00	68,000.00	0 17,500.00	35,000.00	0
2E1 - S	For furnishing and installing 10-inch Flush Valve Assembly For furnishing and installing New Transmission Main Hydrant	1 EA	16,000.00	16,000.00	0 26,000.00	26,000.00	0 17,500.00	17,500.00	0
3A - N	Blow-off Assembly	1 EA	16,200.00	16,200.00	0 26,000.00	26,000.00	0 15,000.00	15,000.00	0
	For furnishing and installing New Transmission Main Hydrant								
3A - S 3C	Blow-off Assembly For furnishing and installing Fire Hydrant Abandonment	1 EA 1 EA	16,200.00 4,300.00		0 26,000.00 0 6,000.00	26,000.00 (6,000.00 (0 15,000.00 0 2,250.00	15,000.00 2,250.00	
4A	For furnishing and installing Test Pit Excavation and Backfill	6 EA	4,000.00		2,000.00		750.00	4,500.00	0
5A	For Rock Excavation For furnishing and installing Select Backfill	1550 CY	1.00		0 150.00		0 175.00	271,250.00	
6A	For Interconnection No. 1 at 36-inch PCCP Watermain at Ball	1150 CY	48.00	55,200.00	0 60.00	69,000.00	0 48.00	55,200.00	0
7A	Tank	1 LS	95,000.00	95,000.00	0 60,000.00	60,000.00	60,000.00	60,000.00	0
7B	For Interconnection No. 2 at 12-inch PVC Side Outlet Watermain South of Ball Tank	1 LS	80,000.00	80.000.00	0 42,000.00	42,000.00	0 40,000.00	40,000.00	0
70	For Interconnection No. 3 at 10-inch DIP Watermain at SUNY UB	1 23	00,000.00	00,000.00	42,000.00	42,000.00	40,000.00	40,000.00	U
7C	Utility Building	1 LS	45,000.00	45,000.00	0 31,000.00	31,000.00	0 35,000.00	35,000.00	0
7D	For Interconnection No. 4 at 12-inch PVC Watermain South of Maple Road	1 LS	30,000.00	30,000.00	0 20,000.00	20,000.00	0 20,000.00	20,000.00	0
	for Interconnection No. 5 at 36-inch PCCP Watermain North of								
7E	Millersport Highway For Interconnection No. 6at 36-inch PCCP Watermain North of	1 LS	51,000.00	51,000.00	0 190,000.00	190,000.00	0 25,000.00	25,000.00	0
7F	Sheridan Drive Near I-290 West On-Ramp	1 LS	60,000.00	60,000.00	0 170,000.00	170,000.00	0 35,000.00	35,000.00	0
	For Interconnection No. 7 at 12-inch PVC Watermain Connection								
7G	North Side of Sheridan Drive For Interconnection No. 8 at 8-inch PVC Watermain Connection	1 LS	94,000.00	94,000.00	0 64,000.00	64,000.00	0 22,550.00	22,550.00	0
7H	South Side of Sheridan Drive	1 LS	68,000.00	68,000.00	0 41,000.00	41,000.00	0 45,000.00	45,000.00	0
71	For Interconnection No. 9 at 30-inch PCCP Watermain South of Sheridan Drive at I-290 West Off-Ramp	1 LS	113,000.00	112 000 00	166,000,00	400,000,00	50,000,00	50,000.00	0
71 9H - N	For furnishing and installing 60-inch Diameter Casing Pipe	65 LF	4,930.00	113,000.00 320,450.00	0 166,000.00 0 7,100.00	166,000.00 (461,500.00 (0 50,000.00 0 2,400.00	156,000.00	
9H - S	For furnishing and installing 60-inch Diameter Casing Pipe	570 LF	4,415.00	2,516,550.00	9,100.00	5,187,000.00	0 2,400.00	1,368,000.00	0
91	For furnishing and installing 66-inch Diameter Casing Pipe For Abandonment #1 of Existing 36-inch Watermain at the North	330 LF	4,570.00	1,508,100.00	5,300.00	1,749,000.00	0 2,800.00	924,000.00	0
10A	Side of Millersport Hwy	1 LS	97,000.00	97,000.00	50,000.00	50,000.00	45,000.00	45,000.00	0
10B	For Abandonment #2 of Existing 30-inch Watermain at I-290W Off-Ramp	1 LS	84,000.00	84,000.00	0 40,000.00	40,000.00	0 45,000.00	45,000.00	0
	For Abandonment #3 of Existing 36-inch Watermain at Sta.								
10C 11A1	N30+50 For furnishing and installing Concrete Sidewalk	1 LS 25 SY	32,000.00 110.00		0 28,000.00 0 435.00		0 45,000.00 0 150.00	45,000.00 3,750.00	
11B3	For furnishing and installing Asphalt Pavement	50 SY	110.00	5,500.00	0 175.00	8,750.00	0 150.00	7,500.00	0
11C1	For Landscaping	5050 LF	10.00		0 55.00		0 13.00	65,650.00	
11C2 11C3	For Tree Planting For Removal of Trees Less than 12-inch Diameter	6 EA 10 EA	1,100.00 600.00	-,	0 1,275.00 0 1,275.00		0 625.00 0 1,500.00	3,750.00 15,000.00	
11C4	For Removal of Trees Greater than 12-inch Diameter	10 EA	1,300.00	13,000.00	0 3,900.00	39,000.00	0 2,500.00	25,000.00	0
11D1	For furnishing and installing Stone Driveway	300 SY	6.00	1,800.00	0 60.00	18,000.00	0 70.00	21,000.00	0
12A - N 12A - S	For Testing and Disinfection For Testing and Disinfection	4250 LF 1850 LF	12.00 14.00	51,000.00 25,900.00	0 10.00 0 13.00	42,500.00 (24,050.00 (0 10.00 0 10.00		
13A	For Extra Excavation (8 to 10 feet deep)	1300 LF	1.00	1,300.00	0 10.00	13,000.00		15,600.00	0
13B	For Extra Excavation (10 to 12 feet deep)	1100 LF	1.00	1,100.00	0 13.00	14,300.00	0 20.00	22,000.00	0
13C 13D	For Extra Excavation (12 to 14 feet deep) For Extra Excavation (14 to 16 feet deep)	1300 LF 950 LF	1.00 1.00	1,300.00 950.00			0 30.00 0 40.00	39,000.00 38,000.00	
13E	For Extra Excavation (16 to 18 feet deep)	650 LF	1.00		0 22.00		0 50.00	32,500.00	
13F	For Extra Excavation (Over 18 feet deep)	350 LF	1.00		0 32.00	11,200.00	0 100.00	35,000.00	
13G	For furnishing and installing Extra Concrete For Repair Crew Labor and Equipment (Fixed Minimum Unit	10 CY	270.00	2,700.00	0 285.00	2,850.00	0 250.00	2,500.00	0
15A	Price of \$150.00/Hr.)	8 HR	840.00	6,720.00	0 1,000.00	8,000.00	0 850.00	6,800.00	0
16A	For Vacuum Truck and Labor (Fixed Minimum Unit Price of \$125.00/Hr.)	8 HR	450.00	3,600.00	0 400.00	3,200.00	0 500.00	4,000.00	0
17A	Contingency Allowance	1 LS	400,000.00		0 400,000.00		0 400,000.00	400,000.00	
	For Work Stoppage due to "ALL STOP" Order (Fixed Minimum					04.000.00			
18A	Unit Price of \$100.00/Hr.) For Third Party Electrically Qualified Person on National Grid	80 HR	670.00	53,600.00	0 1,050.00	84,000.00	0 925.00	74,000.00	0
19A - N	Property	1300 HR	200.00	260,000.00	0 285.00	370,500.00	0 200.00	260,000.00	0
19A - S	For Third Party Electrically Qualified Person on National Grid Property	400 HR	200.00	80,000.00	0 295.00	118,000.00	0 200.00	80,000.00	0
10/1 - 0	·	CONTRA	CTOR TOTAL=:\$	14783120.00	0 CON TOTAL=\$	17953425.00	0 CON TOTAL=\$	10995100.00	0
MINI PIP	4.700400.00	AC	CTUAL TOTAL=:\$	14783120.00	ACT TOTAL=\$	17953425.00	ACT TOTAL=\$	10995100.00	
MIN BID =	14783120.00	•	BID RANKING	1	BID RANKING	2	1		