




ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

July 6, 2022

To: Terrence D. McCracken, Secretary to the Authority

From: Michael J. Quinn, Senior Distribution Engineer 

Subject: Contract MP-084
Water System Improvements
Transmission Main Installation, Town of Tonawanda
ECWA Project No. 202000084

On Wednesday, June 22, 2022, the Authority received four (4) bids for the above referenced contract. The bids have been reviewed, a mathematical check has been performed, and the apparent lowest acceptable bidder is Concrete Applied Technologies Corp. d/b/a CATCO (CATCO). Attached is consultant's (Arcadis of New York, Inc.) letter of recommendation dated June 27, 2022, with bid tabulation sheet for your use and information.

CATCO has provided adequate WMBE documentation, approved by Director of EEO (ECWA), insurance, approved by Claims Representative/Risk Manager, and proof of apprenticeship program, approved by the Secretary to the Authority. CATCO has previously worked with the Authority on Transmission Main Replacement for Contract W-027, and has demonstrated their competence in performing the work required for this project.

We, therefore, recommend award of the above referenced contract to Concrete Applied Technologies Corp. d/b/a CATCO in the amount of \$5,298,750.00, subject to legal review.

Budget Information (2022 Budget- Engineering Services and Construction) :

- Unit 2595 Engineering/Construction Transmission Mains
- Item No. 101521 MP-084 Transmission Main Replacement

Attached please find the following documents:

1. ECWA Authorization Form.
2. ECWA Recommendation for Award of Contract form.
3. Bid Tabulation.

MJQ:lal1

Attachments

cc: R.Stoll,

L.Kowalski

S.Denzler

L.Lester

CONT-MP-0084-2001-X-12

ERIE COUNTY WATER AUTHORITY
 AUTHORIZATION FORM
 For Approval/Execution of Documents
 (check which apply)

Contract: MP-084 **Project No.:** 202000084
Project Description: Water System Improvements
Transmission Main Installation, Town of Tonawanda

Item Description:

Agreement Professional Service Contract Amendment Change Order
 BCD NYSDOT Agreement Contract Documents Addendum
 Recommendation for Award of Contract Recommendation to Reject Bids
 Request for Proposals
 Other _____

Action Requested:

Board Authorization to Execute Legal Approval
 Board Authorization to Award Execution by the Chairman
 Board Authorization to Advertise for Bids Execution by the Secretary to the Authority
 Board Authorization to Solicit Request for Proposals
 Other _____

Approvals Needed:

APPROVED AS TO CONTENT:

<input checked="" type="checkbox"/> Sr. Distribution Engineer	<u><i>Bill [Signature]</i></u>	Date: <u>7/11/2022</u>
<input checked="" type="checkbox"/> Chief Operating Officer	<u><i>Russell [Signature]</i></u>	Date: <u>7/11/2022</u>
<input checked="" type="checkbox"/> Executive Engineer	<u><i>Leonard F. Konalich</i></u>	Date: <u>07/11/2022</u>
<input checked="" type="checkbox"/> Director of Administration	<u><i>Levonja [Signature]</i></u>	Date: <u>07/11/2022</u>
<input checked="" type="checkbox"/> Risk Manager	<u><i>Molly Op Musarra</i></u>	Date: <u>07/11/2022</u>
<input checked="" type="checkbox"/> Chief Financial Officer	<u><i>Karen A. Rendegar</i></u>	Date: <u>07/11/2022</u>
<input checked="" type="checkbox"/> Legal	<u><i>[Signature]</i></u>	Date: <u>7-11-2022</u>

APPROVED FOR BOARD RESOLUTION:

<input checked="" type="checkbox"/> Secretary to the Authority	<u><i>[Signature]</i></u>	Date: <u>7/11/22</u>
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Remarks: Lump Sum Contract

Resolution Date: _____ **Item No:** _____

June 27, 2022

Leonard Kowalski, PE
Executive Engineer
Erie County Water Authority
3030 Union Road
Cheektowaga, NY 14227-1097

Arcadis of New York, Inc.
50 Fountain Plaza
Suite 600
Buffalo
New York 14202
Tel 716 667 0900
Fax 716 842 2612
www.arcadis.com

Subject: Contract No. MP-084
ECWA Project No.: 202000084
Water System Improvements, Transmission Main Installation, Town of Tonawanda
Recommendation Regarding Award of Construction Contract

Dear Mr. Kowalski,

Bids for the above-referenced Project were received by the Erie County Water Authority (Authority) and opened on June 22, 2022 at 10:00 a.m. at the ECWA Service Center. This letter presents our recommendations relative to award of the Project's single prime construction contract. Overall, it appears that the Bids received are similar to the amount of the Engineer's opinion of probable construction cost and thus are consistent with the Authority's budgeting expectations.

Bids were received from the following contractors:

- Mark Cerrone, Inc.
- CATCO
- Kandey Co.
- E&R Construction, Inc.

Enclosed is a tabulation of the Bids received and a one-page tabulation titled "Bid Evaluation Checklist for Bids Received on June 22, 2022"; the latter summarizes irregularities in the Bids received. The Bids are valid for a period of 45 days from date of the Bid opening (i.e., through August 6, 2022).

Publicity of Project

In addition to the Authority's Invitation to Bid, Arcadis of New York, Inc. (Arcadis) made significant efforts to engage prospective Bidders regarding this Project. Arcadis furnished copies of the Bidding Documents and other information to Avalon Document Services (the Issuing Office).

Arcadis e-mailed numerous general/mechanical contractors that have submitted bids for similar work on previous public works projects in western New York.

General Contract

Bid Items: This Contract includes a base bid only, without alternative bid items.

Bid Evaluation and Responsiveness: The apparent low Bid was submitted by CATCO of Alden, New York. We have evaluated CATCO's Bid and determined it to be mathematically correct. CATCO's Bid appears to comply with the requirements of the Bidding Documents.

Bidder Responsibility: The Authority has had limited experience with CATCO, who have successfully completed one construction project for the Authority in the past, the 36" transmission main replacement in the Town of Amherst. Arcadis has verified CATCO's listed experience in the installation of PCCP pipe and has determined that they have the qualifications and project understanding to complete the work included in Contract MP-084.

Comparison with Budget

The Engineer's opinion of probable cost was \$5,980,178.00 (after Addendum No.1) for the General Contract. The price bid by the apparent low responsive and responsible Bidder for the prime construction contract is \$5,298,750.00.

The total price bid by the apparent low Bidder for the prime construction contract is less than the corresponding Engineer's opinion of probable bid pricing. Because sufficient funds appear to be available, we recommend that the Authority award the construction contract and proceed with implementing the Project's construction phase.

Recommendations

We recommend the following:

1. Because CATCO submitted the lowest-priced, responsive, and responsible Bid for the General Contract, subject to review and approval by the Authority, we recommend awarding the General Contract to CATCO, 1266 Town Line Road, Alden, New York 14004, as the Successful Bidder, in the total amount of \$5,298,750.00.
2. The Contract award should be contingent upon the Successful Bidder furnishing acceptably-executed Contract Documents and acceptable insurance, performance bond, and maintenance bond.
3. Upon the Authority's receipt of acceptable insurance, performance bond, maintenance bond, and signed originals of the Contract Documents from the Successful Bidder, the Authority should execute the Contract Documents and Notice to Proceed. After subsequently executing the Contract Documents and Notice to Proceed, the Authority should distribute the executed original Contract Documents and Notice to Proceed to each of the following: Authority, Contractor, and Engineer.

Leonard Kowalski, PE
Erie County Water Authority
June 27, 2022

Should you have questions or comments, please contact me at 716 667 6670.

Sincerely,

Arcadis of New York, Inc.

A handwritten signature in black ink that reads "Daniel Seider". The signature is written in a cursive style with a large initial 'D' and 'S'.

Dan Seider, PE
Project Manager

Email: daniel.seider@arcadis.com

Electronic Copies
Michael Quinn, ECWA
Mark Jarmuz, ECWA
Steve Denzler, ECWA
Timothy C. Shafer, Arcadis of New York

TABULATION OF BIDS



OWNER: Erie County Water Authority
Buffalo, New York

PROJECT: Water System Improvements, Transmission Main Installation, Town of Tonawanda

Date Advertised: May 23, 2022
Date Opened: June 22, 2022
Date Tabulated: June 23, 2022
Arcadis Project No.: 30041729
ECWA Project No.: 202000084

Prepared By: TCS
Checked By: DJS
Arcadis of New York, Inc.
50 Fountain Plaza, Suite 600
Buffalo, New York 14202

General Contract - MP-084

Bidders' Name & Contact Info.

				ENGINEER'S OPINION OF PROBABLE COST		CATCO 1266 Town Line Rd. Aiden, NY 14004 Phone: (716) 651-4642		Mark Cerrone, Inc. 2368 Maryland Ave., Niagara Falls, NY 14305 Phone: (716) 282-5244		Kandey Co. 19 Ransier Dr. West Seneca, BY 14224 Phone: (716) 608-5328		E&R General Construction, Inc. 175 Lake Ave. Blasdell, NY 14219 Phone: (716) 675-5277	
ITEM NUMBER	ITEM DESCRIPTION	ITEM QUANTITY	UNIT	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID
1A1	6-Inch Ductile Iron Pipe	40	LF	\$55.00	\$2,200.00	\$106.00	\$4,240.00	\$104.00	\$4,160.00	\$40.00	\$1,600.00	\$80.00	\$3,200.00
1A2	8-Inch Ductile Iron Pipe	20	LF	\$75.00	\$1,500.00	\$160.00	\$3,200.00	\$138.00	\$2,760.00	\$58.00	\$1,160.00	\$106.00	\$2,120.00
1B1	48-Inch PCCP Pipe	4,100	LF	\$970.00	\$3,977,000.00	\$785.00	\$3,218,500.00	\$880.00	\$3,608,000.00	\$948.00	\$3,886,800.00	\$1,300.00	\$5,330,000.00
2A1	6-Inch Gate Valve	4	Ea	\$2,000.00	\$8,000.00	\$2,650.00	\$10,600.00	\$1,750.00	\$7,000.00	\$1,300.00	\$5,200.00	\$3,000.00	\$12,000.00
2A2	8-Inch Gate Valve	2	Ea	\$4,000.00	\$8,000.00	\$3,200.00	\$6,400.00	\$2,544.00	\$5,088.00	\$1,900.00	\$3,800.00	\$4,600.00	\$9,200.00
2B1	48-Inch Butterfly Valve with Concrete Chamber	3	Ea	\$100,000.00	\$300,000.00	\$231,000.00	\$693,000.00	\$280,000.00	\$840,000.00	\$355,000.00	\$1,065,000.00	\$195,000.00	\$585,000.00
2C1	8-Inch Combination Air Vacuum Release Valve with Concrete Chamber	2	Ea	\$18,500.00	\$37,000.00	\$47,000.00	\$94,000.00	\$58,187.00	\$116,374.00	\$40,000.00	\$80,000.00	\$65,000.00	\$130,000.00
2C2	2-Inch Combination Air Vacuum Release Valve with Concrete Chamber	1	Ea	\$16,000.00	\$16,000.00	\$47,100.00	\$47,100.00	\$89,364.00	\$89,364.00	\$75,000.00	\$75,000.00	\$58,000.00	\$58,000.00
3A	Permanaent Fire Hydrant Blow-Off Assembly	2	Ea	\$10,000.00	\$20,000.00	\$7,000.00	\$14,000.00	\$9,996.00	\$19,992.00	\$12,000.00	\$24,000.00	\$9,800.00	\$19,600.00
4A	Test Pit Excavation and Backfill	5	Ea	\$400.00	\$2,000.00	\$860.00	\$4,300.00	\$916.00	\$4,580.00	\$200.00	\$1,000.00	\$300.00	\$1,500.00
5A	Rock Excavation	20	CY	\$175.00	\$3,500.00	\$145.00	\$2,900.00	\$155.00	\$3,100.00	\$200.00	\$4,000.00	\$90.00	\$1,800.00
6A	Select Backfill	200	CY	\$50.00	\$10,000.00	\$58.00	\$11,600.00	\$42.00	\$8,400.00	\$20.00	\$4,000.00	\$30.00	\$6,000.00
7A	Interconnection No.1	1	LS	\$257,500.00	\$257,500.00	\$85,900.00	\$85,900.00	\$211,696.00	\$211,696.00	\$135,000.00	\$135,000.00	\$150,000.00	\$150,000.00
7B	Interconnection No.2	1	LS	\$253,500.00	\$253,500.00	\$10,800.00	\$10,800.00	\$18,415.00	\$18,415.00	\$26,000.00	\$26,000.00	\$150,000.00	\$150,000.00
9A	72-Inch Casing Pipe	151	LF	\$3,278.00	\$494,978.00	\$3,700.00	\$558,700.00	\$3,801.00	\$573,951.00	\$6,000.00	\$906,000.00	\$3,400.00	\$513,400.00
11A	Landscape Restoration	4,100	LF	\$5.00	\$20,500.00	\$4.70	\$19,270.00	\$8.50	\$34,850.00	\$3.00	\$12,300.00	\$3.00	\$12,300.00
12A	Testing and Disinfection	4,100	LF	\$3.00	\$12,300.00	\$9.00	\$36,900.00	\$15.00	\$61,500.00	\$3.00	\$12,300.00	\$3.00	\$12,300.00
13A	Extra Excavation 8-10 Feet Deep	3,900	LF	\$10.00	\$39,000.00	\$10.00	\$39,000.00	\$10.00	\$39,000.00	\$10.00	\$39,000.00	\$10.00	\$39,000.00
13B	Extra Excavation 10-12 Feet Deep	360	LF	\$20.00	\$7,200.00	\$20.00	\$7,200.00	\$26.00	\$9,360.00	\$20.00	\$7,200.00	\$20.00	\$7,200.00
13C	Extra Concrete	10	CY	\$100.00	\$1,000.00	\$260.00	\$2,600.00	\$335.00	\$3,350.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00
14A	Repair Crew Labor and Equipment	24	Hr	\$150.00	\$3,600.00	\$680.00	\$16,320.00	\$290.00	\$6,960.00	\$150.00	\$3,600.00	\$300.00	\$7,200.00
15A	Vacuum Truck and Labor	24	Hr	\$125.00	\$3,000.00	\$450.00	\$10,800.00	\$350.00	\$8,400.00	\$125.00	\$3,000.00	\$125.00	\$3,000.00
16A	Work Stoppage due to "All Stop" Order	24	Hr	\$100.00	\$2,400.00	\$580.00	\$13,920.00	\$550.00	\$13,200.00	\$100.00	\$2,400.00	\$100.00	\$2,400.00
17A	Third Party Electrically Qualified Person on Nation Grid Property	1,500	Hr	\$150.00	\$225,000.00	\$75.00	\$112,500.00	\$129.00	\$193,500.00	\$253.00	\$379,500.00	\$280.00	\$420,000.00
18A	NOT USED	0	Hr	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19A	Contingency Allowance	1	LS	\$275,000.00	\$275,000.00	\$275,000.00	\$275,000.00	\$275,000.00	\$275,000.00	\$275,000.00	\$275,000.00	\$275,000.00	\$275,000.00
TOTAL OF BASE BID ITEMS					\$5,980,178.00		\$5,298,750.00		\$6,158,000.00		\$6,953,860.00		\$7,751,220.00
Rank							1		2		3		4
BID BOND AMOUNT							5% of Bid Amount - \$264,938.00		5% of Bid Amount - \$307,900.00		Five Percent of Amount Bid		Five Percent of Amount Bid
SURETY COMPANY							Fidelity and Deposit Company of Maryland		The Hanover Insurance Company		CAN/Western Surety Company		Western Surety Company