

Board of Municipal Utilities
Meeting Minutes
January 16, 2024
201 Miller Road
Avon Lake, Ohio

Call to Order – Roll Call

The meeting was called to order at 6:30 PM. The meeting was held in-person using web-based video conferencing technology and streamed live over Facebook.

Present: Mr. Abram, Mr. Dzwonczyk, Mr. Rush and Mrs. Schnabel.

Excused: Mr. Rickey

Also present: CUE Munro, Facilities and Asset Manager Kimevski, Attorney Rinker, Councilwoman Gentry and Miss Julianne Nader, PE of Great Lakes Construction.

Approve Minutes

Mr. Dzwonczyk presented the Minutes of the January 2, 2024 regular meeting. With no additional changes, additions or corrections noted, he ordered that the minutes stand and be distributed as presented.

Public Speakers

None.

Correspondence

None.

Expenditures

Mr. Munro informed the Board that the Finance Director kept the 2023 budget year open until later than normal in December to pay any invoices that were attributable to the 2023 budget year. Mr. Munro stated that expenses will be presented at the next meeting on February 6, 2024.

2024 Cleveland Construction Cost Index

Mr. Dzwonczyk requested that Mr. Munro provide a background of what the Cleveland Construction Cost Index is so that the public would have a better understanding of what this pertains to. Mr. Munro stated that the Cleveland Construction Cost Index is an index that ALRW uses as an inflationary factor included in several of the fees that are charged. Mr. Munro continued by referencing the trunk sanitary sewer fee which is a fee paid by developers for tapping into the sanitary sewer system. By having this fee increased each year by including the Cleveland Construction Cost Index multiplier it assures that developers are paying a fee relevant to the current economic conditions rather than simply having a fee that was created years ago. Mr. Munro added that there was a 4.674% increase this year. Mr. Munro mentioned that there were years where there was a decrease, but this year saw an increase in costs. Mr. Munro stated that there is no Board action required as the regulations include language that once the Cleveland Construction Cost Index is finalized, fees that include this factor are automatically adjusted.

Mr. Dzwonczyk inquired what the percentages were in recent years and Mr. Munro responded that he believed the previous increases were approximately 6% in 2023, a minor increase the year before and at the start of the COVID pandemic there was a decrease. Mr. Munro stated that it is a good index for ALRW because it is very specific to our area.

Mr. Rush wanted clarification to make sure even though it's in the regulations that the Board approved that this fully memorialized this change. Mr. Munro stated that the memo provided by Mr. Larson from the Engineering Services department will be included in the minutes. Mr. Munro added that when ALRW was involved in litigation over fees the very accurate and thorough record keeping and memorialization of changes to those fees was very useful in the court case.

Mr. Abram inquired what the fund balance in the CALDIP (Central Avon Lake Drainage Improvement Project) fund was. Mr. Munro replied that he would speak with Mayor Spaetzel to get that information.

Business & Financial Coordinator

Mr. Munro informed the Board that after conducting a search in December and conducting interviews staff has agreed to terms with William Logan and he will begin on January 24, 2024 at the hourly rate of \$51.83. Mr. Munro stated that Mr. Logan served as the Finance Director for the City of Avon for fifteen years before retiring. Mr. Munro added that Mr. Logan had decided that he was not yet ready to retire and wished to rejoin the workforce. Mr. Munro stated that Mr. Logan was currently a board member for the Regional Income Tax Agency (RITA) and also has many years of experience working in the private sector. Mr. Logan is a Certified Public Accountant (CPA) and Mr. Munro stated that staff is excited for Mr. Logan to join our team.

Mr. Dzwonczyk requested that Mr. Munro arrange for Mr. Logan to attend a future Board Meeting so that they can meet him.

Water Filtration Plant Operator

Mr. Munro announced that in the continual effort to fill open positions throughout ALRW, staff has hired Michael Lazusky as an operator at the Water Filtration Plant. Mr. Munro stated that Mr. Lazusky holds an Ohio EPA Class I Water Supply Operator license has worked in both water and wastewater treatment throughout his career.

Mr. Dzwonczyk inquired about the duties and level of supervision that a Class I Operator has. Mr. Munro responded that unlike some other utilities, ALRW traditionally only hires operators that have this certification. Mr. Lazusky will be able to operate the WFP just as any other licensed operator and the only real difference is in the stipends that higher classifications receive.

City of Avon – Miller Rd. Water Main Project

Mr. Munro informed the Board that the City of Avon approached ALRW about upsizing their direct connection to the distribution system on Miller Rd. Mr. Munro stated that last year they had installed a pump station on the south side of the railroad tracks on Miller Rd. and this project is the next phase of that upgrade. This project includes increasing the size of their water main that feeds this pump station from the current six-inch pipe to twelve inches. Mr. Munro added that there is still a portion of ALRW’s distribution system that would remain six inches, so staff feels it is important to increase the size of that section as well. Mr. Munro inquired if the City of Avon would like to partner with ALRW on this upgrade and they agreed. The City of Avon also requested that ALRW take the lead on managing this project. Mr. Munro stated that ALRW would be happy to assist our oldest bulk customer and the ALRW Engineering Services Department bid the project and will oversee its completion. Mr. Munro stated that the bids were opened on January 3, 2024 and there was a total of six bidders, which was very encouraging as there have been recent projects with less competition but noted that due to it being a smaller project there were likely many more firms that could complete the work. Mr. Munro stated that DRS Enterprises, Inc. of Garfield Heights, OH was the lowest qualifying bidder with a bid of \$240,421.08. Of that amount, ALRW would be responsible for \$123,791.37 and the City of Avon covering the remaining balance. Mr. Munro informed the Board that staff recommends awarding the contract to DRS Enterprises, Inc. and has a recommended motion.

Mr. Abram moved, Mrs. Schnabel seconded to authorize the CUE to execute a contract with DRS Enterprises, Inc., and the City of Avon, for the Miller Road Water Main Project in the amount of \$240,421.08. Furthermore, I authorize that the Avon Lake Regional Water cost share of this project shall not exceed \$123,791.37 plus an additional 5% for any out-of-scope items.

Ayes (per voice vote): Abram, Dzwonczyk, Rush, and Schnabel
Nays: None
Motion carried

2024 Water Filtration Plant Improvement Project

Mr. Munro informed the Board that staff opened the bids for the Water Filtration Plant Improvement Project at noon on January 10, 2024. He stated that there were fifty-five plan holders and three prime contractors. Mr. Munro stated that upon opening the bids there were two bidders on the project. One of the bids was from Great Lakes Construction for the construction improvements at the facility and one from Lycoming Supply for the demolition of structures that will be decommissioned. Mr. Munro added that the bid from Great Lakes Construction was 7.78% under the engineers estimate and the bid submitted by Lycoming Supply was 9.39% above the engineers estimate. Mr. Munro informed the Board that there were no bid errors noted and the only exception was related to the lead time on electrical components. Mr. Munro added that as we have seen in recent projects, lead times for electrical components have been extraordinarily long and that this exception is not surprising. Mr. Munro stated that staff is recommending award of these two contracts.

Mr. Munro also informed the Board that now that the bids have been opened the CUE will need to apply for funding through the Ohio Water Development Agency (OWDA). Mr. Munro stated that there is a good portion of the contract that may qualify for zero-percent interest and that the remainder will be funded by low-percent interest loans from the state revolving loan fund. Mr. Munro mentioned that in the past ALRW has been very successful in saving our ratepayers money by procuring zero or low-interest loans on our large projects. Mr. Munro stated that the loan application will also include the costs associated with HDR construction administration services, Great Lakes Construction bid items, and Lycoming Supply bid items. He reminded the Board that they previously approved a contract amendment with HDR for construction

administration services for this project at the May 17, 2022 meeting in the amount of \$1,491,940. Mr. Munro stated that staff has three recommended motions for the Board's consideration.

Mr. Munro stated that before the Board considers these three motions, he would like to provide a recap of what the project includes as it has been a long process to get to this point. Mr. Munro stated that there will be new structures housing both chemical feed equipment and chemical storage units for aluminum sulfate, powdered activated carbon, lime, and chlorine systems. The project will also include a new fluoride additive and replace the existing fluoride feed system. Mr. Munro informed the Board that staff has had issues procuring the existing fluoride additive that is in powdered form as there is only one supplier that produces a quality product. The switch to hydrofluorosilicic acid, a liquid, is produced in the United States and will allow more competition during the chemical bidding process. Mr. Munro added that the fluoride feed station will be very similar to the orthophosphate feed system which is a stand-alone structure and a pre-manufactured building. Mr. Munro also stated that one of the biggest improvements will be the addition of the sodium hypochlorite as a disinfectant to replace the gaseous chlorine that is currently being used. The new chemical feed building will accept bulk deliveries as well as the possibility of filling those tanks with hypochlorite produced at the generating station to be supplied by Techwin as part of the recently approved agreement.

Mr. Munro stated the other significant component of the improvements is the decommissioning of the original twelve filters at the WFP along with construction of four new filters to replace the capacity that is lost. Mr. Munro added that when staff conducted an evaluation on the cost to modernize the original twelve filters it was determined that the expense to do so was not worth rehabilitating them. Mr. Munro stated that the new filters will also be high-rated just like the twelve filters.

Mr. Munro mentioned that there is also a significant number of electrical upgrades with new MCC panels and asked if Mr. Kimevski had anything to add. Mr. Kimevski added that the new motor control center (MCC) for the filter upgrades will be housed in the new filter building and that this is where a lot of the long lead-time electrical components will be housed.

Mr. Munro stated that this concludes the high-level overview. Mr. Munro stated that the three motions are for Great Lakes Construction for the construction improvements, Lycoming Supply for demolition services, and authorizing the CUE to apply for funding. Mr. Munro added that Lycoming Supply was the contractor who performed the demolition of the old Walker Rd. water tower. Mr. Munro stated that staff feels it is a wise investment to demo these structures now because it is only going to get more expensive to perform this work in the future. Mr. Munro said that ALRW is already procuring properties to the west of the existing WFP for future use and demoing these areas of the WFP that are not in use could be used for future expansion of the facility as well. Mr. Munro clarified that the areas disturbed by the demolition will not just have the material crushed and left behind as that would create difficulties in the reuse of these areas. Mr. Munro stated that all the demolished material will be removed and replaced with premium fill.

Mr. Dzwonczyk inquired if the demolition of the wash water tower was going to be less involved than the demolition of the old Walker Rd. tower. Mr. Munro stated that it was going to involve a crane rather than the way the old tower was cut and dropped and would be less of an event due to the smaller size. Mr. Munro added that this water tower only supplied wash water to the old filters at the WFP and did not include storage of water that made its way to customers in the distribution system.

Mr. Dzwonczyk also inquired about the risk involved with approving the large contract with Great Lakes Construction prior to securing the funding for this project. Mr. Munro responded that he had spoken with Ms. Nader of Great Lakes Construction about this and stated that the Notice to Proceed is predicated on the successful procurement of funding. Mr. Munro stated that there are a couple of loose ends he needs to tie up but will get the loan application finished and submitted on Wednesday, January 17, 2024. Mr. Munro informed the Board that as long as an application is received by OWDA prior to the first of the month the project will be added to their next Board Meeting for award of funding at their next meeting which will occur on February 29, 2024.

Mr. Dzwonczyk asked if the CUE had any issue with adding language to the second motion that would require the procurement of funding so that a contract will not be entered into until the funding has been secured. Mr. Munro stated that he had no issue with that.

Mr. Rush inquired if funding for this project had been incorporated in the rate study conducted by Raftelis. Mr. Munro stated that it had.

Mrs. Schnabel inquired if this project would affect rates less because the costs are being spread across the larger customer base on the water customers which includes the bulk customers rather than just the residents of Avon Lake. Mr. Munro stated that is correct. Mr. Munro also added that the timing of the repayment of this loan also decreases the effect on rates. Mr. Munro stated that ALRW will not begin making payments on this loan until one year after completion of this project. Mr. Munro stated that there are other loans that will be satisfied prior to making payments so the net effect on the utility will not be as noticeable due to the decrease in overall loan repayments.

Mr. Munro asked the Board if they would like to add the same language to the third motion so that entering into a contract with Lycoming Supply, Inc. would also be contingent upon successfully procuring funding and a notice to proceed is issued. Mr. Dzwonczyk stated that he felt that would be appropriate.

Mrs. Schnabel asked for clarification on the loan total to ensure that it included all three contracts. Mr. Munro stated that the \$29,421,614 plus the 10% contingency included all three awarded amounts.

Mrs. Schabel moved, Mr. Rush seconded, to approve resolution number 2024-0116 that authorizes Robert K. Munro to apply for funding with the Ohio Water Development Agency for the 2024 Water Filtration Plant Improvement Project in the amount of \$29,421,614.00 plus a 10% loan contingency per OWDA requirements.

Ayes (per voice vote): Abram, Dzwonczyk, Rush, and Schnabel
Nays: None
Motion carried

Mr. Dzwonczyk moved, Mr. Abram seconded, to authorize the CUE to execute, upon issuance of a notice to proceed, a contract with Great Lakes Construction for the 2024 Water Filtration Plant Improvement Project for the not-to-exceed amount of \$26,633,400.00 plus 10% contingency per OWDA requirements.

Ayes (per voice vote): Abram, Dzwonczyk, Rush and Schnabel
Nays: None
Motion carried

Mr. Dzwonczyk moved, Mr. Rush seconded, to authorize the CUE to execute, upon issuance of a notice to proceed, a contract with Lycoming Supply, Inc., for the 2024 Water Filtration Plant Improvement Project for the not-to-exceed amount of \$1,296,274.00 plus 10% contingency per OWDA requirements.

Ayes (per voice vote): Abram, Dzwonczyk, Rush, and Schnabel

Nays: None

Motion carried

Project Updates

Power Plant Update: Mr. Kimevski informed the Board that work on the north side of Lake Rd. continues at the eastern portion of the main building as scheduled.

ETL Design Services: No update.

WFP Improvements: Mr. Kimevski informed the Board that with the potential award of contracts for this project, a notice to proceed will be issued once the contracts are awarded. Mr. Dzwonczyk asked for clarification on this. Mr. Munro stated that the order was actually reversed. A notice to proceed will be issued once the contracts are fully executed. Mr. Munro added that the award of the contracts is contingent upon obtaining the financing.

Additional Storage Building: Mr. Kimevski stated that Hydro-Chem was onsite to provide installation services to North Bay Construction for their commercial wash bay equipment the week of January 8, 2024. Mr. Kimevski also stated that North Bay was making good progress on the installation of that equipment and is expected to finish within the next two weeks.

Mr. Dzwonczyk inquired which vehicle would get the maiden voyage through the wash system. Mr. Kimevski replied that there would likely be some competition for that honor. Mr. Munro added that it's really starting to come together and will be an exciting addition to our capabilities. Mr. Munro also stated that some of the punch list items have already been remedied such as the installation of flashing around the demising wall so that moisture is kept in the wash bay area. Mr. Kimevski stated that on January 12, 2024 the final walk through was conducted and once any remaining items are addressed, the construction portion of the contract will be closed out.

Travelling Screen Replacement: Mr. Kimevski stated that the programmable logic controller (PLC) for the travelling screen has been received, programmed and installed. The travelling screen is now operating in fully automatic mode and is communicating with the SCADA system so WFP staff can monitor its operation. This project will now be closed out.

Inductively Coupled Plasma Mass Spectrometer (ICP): No Update.

CUE Report

Mr. Munro stated that he has nothing specific to report but added that staff is excited to move forward with the WFP Improvement Project. He informed the Board that staff has experience working with both of the firms involved. Mr. Munro stated that Great Lakes Construction has performed work at the WFP previously and Lycoming Supply, Inc. with their successful demolition of the old Walker Rd. water tower. Mr. Munro stated that staff is pleased to work with both companies again. Mr. Munro added that the estimated time from issuance of a notice to proceed until project completion is 104 weeks or two years.

Mrs. Schnabel inquired about when we will hear a decision on the funding and also an estimated start date for the project. Mr. Munro replied that the next Board meeting for OWDA was on February 29, 2024 and they typically respond to awardees within a few days of their meetings. Mr. Munro estimated that late March or early April 2024 would be a likely start date.

Mr. Rush inquired about the typical time before there's an official response. Mr. Munro stated that within a week or two of the decision we should have formal approval paperwork but that he is able to call for a verbal confirmation after their meeting. Mr. Munro stated that if there is any additional information, they typically request that prior to their meeting and that the application is approximately three-hundred pages. Mr. Munro also added that OWDA will verify permit-to-install, basis of design and other prerequisites prior to their meeting and check off their list. Mr. Munro stated that they also verify rate tables that we submit to repay the loan, customer numbers and production totals, top ten users and the percentage of our total production. Mr. Dzwonczyk inquired if Lycoming Supply, Inc. was a Pennsylvania-based company. Mr. Munro responded that they were. Mr. Munro also added that since Lycoming Supply may also be able to submit a price to demo the Division Rd. tower and there may be some savings because they are already going to be mobilized.

Miscellaneous & Member Reports

Mr. Abram presented an article from the Wall Street Journal that he had distributed to Board members pertaining to how water utilities are coping with the removal and lawsuits related to PFAS/PFOA compounds in the drinking water.

Mr. Munro added that according to a recently released report the USEPA had overestimated the cost that would be needed by large water utilities and vastly underestimated the costs that would need to be borne by smaller water utilities. Mr. Munro stated that many of the smaller systems that draw their water from wells are seeing large costs for additional treatment that are spread across smaller customer bases.

Mr. Dzwonczyk inquired if it was fair to say that we'll all be better off using tap water rather than plastic bottles. Mr. Munro stated that staff is preparing an article that found that many bottled waters is contaminated with high levels of microplastics.

Mr. Rush asked if the City of Avon is also a member of the ETL consortium and receive multiple bills from ALRW for their various connections. Mr. Rush also asked what other communities have direct connections to our system. Mr. Munro replied that Avon has multiple connections along with Rural Lorain County Water Authority and Sheffield Lake. Mr. Munro stated the Village of Sheffield has a direct connection off of RLCWA's system. Mr. Munro explained that we bill the Village of Sheffield directly and deduct the usage from what is charged to RLCWA.

Public Speakers

Ms. Nader of Great Lakes Construction stated that she and her company are excited to beginning the improvements at the ALRW Water Filtration Plant. Mr. Dzwonczyk stated that he and ALRW are looking forward to this project getting started as well.

Executive Session

Mr. Rush moved, Mr. Abram seconded, to meet in executive session as allowed by ORC §121.22 (G)(1) and (G)(3) to discuss personnel and pending legal matters, and to include the CUE, the Facilities & Asset Manager, and a representative from Mansour Gavin.

Ayes (per roll call vote): Abram, Dzwonczyk, Rush, and Schnabel

Nays: None

Motion carried.

The Board entered Executive Session at 7:27 PM.

The Board reconvened the public meeting at 8:49 PM.

Adjourn

As there was no further business, Mr. Abram moved, and Mr. Rush seconded, to adjourn. The meeting adjourned at 8:49 PM.

Ayes (per voice vote): Abram, Dzwonczyk, Rush and Schnabel

Nays: None

Motion carried.

Approved February 6, 2024.

John Dzwonczyk, Chairman

Robert Munro, Clerk

Avon Lake Regional Water
MEMORANDUM

To: **Board of Municipal Utilities**
From: **Jarod Larson, Engineer**
Subject: **Cleveland Construction Cost Index**
Date: **January 5, 2024**

The Index for **2024** is **14184.20**
The Index for 2023 was 13550.84
This is a difference of **+4.674%**

Therefore, the following are the adjusted 2024 fees:

	<u>2023</u>	<u>2024</u>
Trunk Sanitary Sewer Fee	\$2,266.00	\$2,372.00
Trunk Sanitary Sewer Square Foot Charge	15.12¢	15.83¢
8" Sanitary Sewer Front Foot Charge	\$79.72	\$83.45
Water Impact Fee	\$2,733.00	\$2,861.00
Water Main Front Foot Square Foot Charge	76.71¢	80.30¢
CALDP Tap In Fee	\$11,952.65	\$12,511.31

AVON LAKE REGIONAL WATER and The City of Avon Joint Project.
Miller Road Water Main and Meter Vault Replacement Project
 Date: 12/20/2023 by: J.R. Gaydar, P.S., P.E.

BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in ALRW Board Room

Plan holder/attended MPP

Plan holder/did not attend MPP

Item No.	Item Description	Unit	Quantity +/-	Unit Price	Total Cost	% total	Plan holder/attended MPP		Plan holder/attended MPP		Plan holder/did not attend MPP	
							Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost
1	WATER MAIN REMOVED OR ABANDONED	Lump Sum	1.00	\$ 3,500.00	\$ 3,500.00	1.11%	\$ 2,500.00	\$ 2,500.00	\$ 14,000.00	\$ 14,000.00	\$ -	\$ -
2	WATER METER VAULT & APPT. REMOVED	Lump Sum	1.00	\$ 7,000.00	\$ 7,000.00	2.22%	\$ 6,000.00	\$ 6,000.00	\$ 8,800.00	\$ 8,800.00	\$ -	\$ -
3	12" C909 PVCO WATER LINE W/ 24" CASING PIPE FOR HORIZONTAL BORE	Lin. Ft.	80.00	\$ 905.61	\$ 72,448.80	22.94%	\$ 900.00	\$ 72,000.00	\$ 715.00	\$ 57,200.00	\$ -	\$ -
4	12" C909 PVCO WATER LINE	Lin. Ft.	150.00	\$ 231.87	\$ 34,780.50	11.01%	\$ 271.91	\$ 40,786.50	\$ 305.00	\$ 45,750.00	\$ -	\$ -
5	12" LINE VALVE WITH VALVE BOX	Each	6.00	\$ 5,893.34	\$ 35,360.04	11.20%	\$ 4,766.66	\$ 28,599.96	\$ 5,625.00	\$ 33,750.00	\$ -	\$ -
6	ALRW FIRE HYD. ASSEM.	Each	1.00	\$ 8,644.67	\$ 8,644.67	2.74%	\$ 8,702.91	\$ 8,702.91	\$ 8,800.00	\$ 8,800.00	\$ -	\$ -
7	8'-4"x16'-4" WATER METER VAULT & APPT.	Lump Sum	1.00	\$ 25,000.00	\$ 25,000.00	7.92%	\$ 27,636.50	\$ 27,636.50	\$ 39,100.00	\$ 39,100.00	\$ -	\$ -
8	AGGREGATE SURFACE	C.Y.	40.00	\$ 65.00	\$ 2,600.00	0.82%	\$ 72.50	\$ 2,900.00	\$ 50.00	\$ 2,000.00	\$ -	\$ -
9	MAINTENANCE OF TRAFFIC	Allowance	1.00	\$ 21,400.00	\$ 21,400.00	6.78%	\$ 15,000.00	\$ 15,000.00	\$ 11,000.00	\$ 11,000.00	\$ -	\$ -

DID NOT SUBMIT A BID



Jack R. Gaydar
 P.S., P.E., M.ASCE

AVON LAKE REGIONAL WATER and The City of Avon Joint Project.
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 by: J.R. Gaydar, P.S., P.E.

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Plan holder/attended MPP
DRS Enterprises, Inc.

Plan holder/attended MPP
KMU Trucking & Excavating, LLC

Plan holder/did not attend MPP
J.S. Bova Excavating, LLC

Item No.	Item Description	Unit	Quantity +/-	Unit Price	Total Cost	% total	Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost	
10	MOBILIZATION(SEE BELOW)	Lump Sum	1.00	\$ -	\$ -	-	\$ 16,000.01	\$ 16,000.01	\$ 18,000.00	\$ 18,000.00	\$ -	\$ -	
11	N.S. RAILROAD FEES	Allowance	1.00	\$ 13,000.00	\$ 13,000.00	4.12%	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ -	\$ -	
12	EROSION CONTROL	Lump Sum	1.00	\$ 4,000.00	\$ 4,000.00	1.27%	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	
13	CONSTR. SURVERYING	Lump Sum	1.00	\$ 4,500.00	\$ 4,500.00	1.42%	\$ 4,795.20	\$ 4,795.20	\$ 7,000.00	\$ 7,000.00	\$ -	\$ -	
03	MOB & DEMOB												
					\$ 232,234.01	73.53%							
		5%		\$ 10,730.16	\$ 11,611.70	3.68%							
B	BOND	3%		\$ 6,438.09	\$ 6,967.02	2.21%							
C	INSURANCE	3%		\$ 6,438.09	\$ 6,967.02	2.21%							
D	PCMU	15%		\$ 32,190.47	\$ 34,835.10	11.03%							
E	OH	10%		\$ 21,460.31	\$ 23,223.40	7.35%							
GRAND TOTAL \$ 315,838.25 100.00%													
Engineers High End Estimate-Certified													
10% OVER ENGINEERS \$ 347,422.08													
by: j.r. gaydar, p.s., p.e., 12/27/2023 @ 08:02 am													
REV. b: 01/03/24 @ 08:57													
							total bid \$	\$ 240,421.08	total bid \$	\$ 260,900.00	total bid \$	\$ -	
							Addendum 1	✓	Addendum 1	✓	Addendum 1		
							Addendum 2	✓	Addendum 2	✓	Addendum 2		
							Addendum 3	✓	Addendum 3	✓	Addendum 3		
							Addendum 4	✓	Addendum 4	✓	Addendum 4		
							Bid Bond @10%	✓	Bid Bond @10%	✓	Bid Bond @10%		
							Exceptions	none	Exceptions	none	Exceptions		
							Errors?	none	Errors?	none	Errors?		
							Minimum	\$ 240,421.08	Minimum	\$ 240,421.08	Minimum	\$ 240,421.08	
							Maximum	\$ 473,900.00	Maximum	\$ 473,900.00	Maximum	\$ 473,900.00	
							Average	\$ 301,890.18	Average	\$ 301,890.18	Average	\$ 301,890.18	
							Median	\$ 261,910.00	Median	\$ 261,910.00	Median	\$ 261,910.00	
							Std. Dev.	\$ 81,725.43	Std. Dev.	\$ 81,725.43	Std. Dev.	\$ 81,725.43	
							BID Count	6	BID Count	6	BID Count	6	
							Eligible to Bid	7	Eligible to Bid	7	Eligible to Bid	7	
							% Bidding Resp	85.71%	% Bidding Resp	85.71%	% Bidding Resp	85.71%	

AVON LAKE REGIONAL WATER and The City of Avon Joint Project.
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 Date: 12/20/2023 by: J.R. Gaydar, P.S., P.E.

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Item No.	Item Description	Unit	Quantity +/-	Unit Price	Total Cost	Plan holder/attended MPP		Plan holder/attended MPP		Plan holder/attended MPP	
						Triad engineering&contracting co.	Underground Utilities, Inc	J. Severino Construction			
					Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost	Total Cost
1	WATER MAIN REMOVED OR ABANDONED	Lump Sum	1.00	\$ 3,500.00	\$ 3,500.00	\$ 3,800.00	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ -
2	WATER METER VAULT & APPT. REMOVED	Lump Sum	1.00	\$ 7,000.00	\$ 7,000.00	\$ 12,000.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -
3	12" C909 PVCO WATER LINE W/ 24" CASING PIPE FOR HORIZONTAL BORE	Lin. Ft.	80.00	\$ 905.61	\$ 72,448.80	\$ 1,700.00	\$ 630.00	\$ 50,400.00	\$ -	\$ -	\$ -
4	12" C909 PVCO WATER LINE	Lin. Ft.	150.00	\$ 231.87	\$ 34,780.50	\$ 700.00	\$ 310.00	\$ 46,500.00	\$ -	\$ -	\$ -
5	12" LINE VALVE WITH VALVE BOX	Each	6.00	\$ 5,893.34	\$ 35,360.04	\$ 4,700.00	\$ 3,600.00	\$ 21,600.00	\$ -	\$ -	\$ -
6	ALRW FIRE HYD. ASSEM.	Each	1.00	\$ 8,644.67	\$ 8,644.67	\$ 10,500.00	\$ 6,400.00	\$ 6,400.00	\$ -	\$ -	\$ -
7	8'-4"x16'-4" WATER METER VAULT & APPT.	Lump Sum	1.00	\$ 25,000.00	\$ 25,000.00	\$ 64,000.00	\$ 60,000.00	\$ 60,000.00	\$ -	\$ -	\$ -
8	AGGREGATE SURFACE	C.Y.	40.00	\$ 65.00	\$ 2,600.00	\$ 60.00	\$ 30.00	\$ 1,200.00	\$ -	\$ -	\$ -
9	MAINTENANCE OF TRAFFIC	Allowance	1.00	\$ 21,400.00	\$ 21,400.00	\$ 66,500.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ -

AVON LAKE REGIONAL WATER and The City of Avon Joint Project.
Miller Road Water Main and Meter Vault Replacement Project
 Date: 12/20/2023 by: J.R. Gaydar, P.S., P.E.

BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in ALRW I

Item No.	Item Description	Unit	Quantity +/-	Unit Price	Total Cost	Triad engineering&contracting co.		Underground Utilities, Inc		J. Severino Construction																																																	
						Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost																																																
10	MOBILIZATION(SEE BELOW)	Lump Sum	1.00	\$ -	\$ -	\$ 14,000.00	\$ 14,000.00	\$ 35,000.00	\$ 35,000.00	\$ -	\$ -																																																
11	N.S. RAILROAD FEES	Allowance	1.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ -	\$ -																																																
12	EROSION CONTROL	Lump Sum	1.00	\$ 4,000.00	\$ 4,000.00	\$ 7,000.00	\$ 7,000.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ -																																																
13	CONSTR. SURVERYING	Lump Sum	1.00	\$ 4,500.00	\$ 4,500.00	\$ 11,500.00	\$ 11,500.00	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -																																																
074	MOB & DEMOB	5%		\$ 10,730.16	\$ 11,611.70																																																						
B	BOND	3%		\$ 6,438.09	\$ 6,967.02																																																						
C	INSURANCE	3%		\$ 6,438.09	\$ 6,967.02																																																						
D	PCMU	15%		\$ 32,190.47	\$ 34,835.10																																																						
E	OH	10%		\$ 21,460.31	\$ 23,223.40																																																						
					GRAND TOTAL \$ 315,838.25																																																						
<table border="1"> <tr> <td>total bid \$</td> <td>\$ 473,900.00</td> <td>total bid \$</td> <td>\$ 247,600.00</td> <td>total bid \$</td> <td>\$ -</td> </tr> <tr> <td>Addendum 1</td> <td>✓</td> <td>Addendum 1</td> <td>✓</td> <td>Addendum 1</td> <td></td> </tr> <tr> <td>Addendum 2</td> <td>✓</td> <td>Addendum 2</td> <td>✓</td> <td>Addendum 2</td> <td></td> </tr> <tr> <td>Addendum 3</td> <td>✓</td> <td>Addendum 3</td> <td>✓</td> <td>Addendum 3</td> <td></td> </tr> <tr> <td>Addendum 4</td> <td>✓</td> <td>Addendum 4</td> <td>✓</td> <td>Addendum 4</td> <td></td> </tr> <tr> <td>Bid Bond @10%</td> <td>none</td> <td>Bid Bond @10%</td> <td>none</td> <td>Bid Bond @10%</td> <td></td> </tr> <tr> <td>Exceptions</td> <td>none</td> <td>Exceptions</td> <td>none</td> <td>Exceptions</td> <td></td> </tr> <tr> <td>Errors?</td> <td>none</td> <td>Errors?</td> <td>none</td> <td>Errors?</td> <td></td> </tr> </table>												total bid \$	\$ 473,900.00	total bid \$	\$ 247,600.00	total bid \$	\$ -	Addendum 1	✓	Addendum 1	✓	Addendum 1		Addendum 2	✓	Addendum 2	✓	Addendum 2		Addendum 3	✓	Addendum 3	✓	Addendum 3		Addendum 4	✓	Addendum 4	✓	Addendum 4		Bid Bond @10%	none	Bid Bond @10%	none	Bid Bond @10%		Exceptions	none	Exceptions	none	Exceptions		Errors?	none	Errors?	none	Errors?	
total bid \$	\$ 473,900.00	total bid \$	\$ 247,600.00	total bid \$	\$ -																																																						
Addendum 1	✓	Addendum 1	✓	Addendum 1																																																							
Addendum 2	✓	Addendum 2	✓	Addendum 2																																																							
Addendum 3	✓	Addendum 3	✓	Addendum 3																																																							
Addendum 4	✓	Addendum 4	✓	Addendum 4																																																							
Bid Bond @10%	none	Bid Bond @10%	none	Bid Bond @10%																																																							
Exceptions	none	Exceptions	none	Exceptions																																																							
Errors?	none	Errors?	none	Errors?																																																							

Engineers High End Estimate-Certified
10% OVER ENGINEERS \$ 347,422.08

by: j.r. gaydar, p.s., p.e., 12/27/2023 @ 08:02 am
 REV. b: 01/03/24 @ 08:57

AVON LAKE REGIONAL WATER and The City of Avon Joint Project.
Miller Road Water Main and Meter Vault Replacement Project
 Date: 12/20/2023 by: J.R. Gaydar, P.S., P.E.

BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in ALRW I

Item No.	Item Description	Unit	Quantity +/-	Unit Price	Total Cost	Fechko Excavating		NEO Trenching Serv. Inc	
						Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost
1	WATER MAIN REMOVED OR ABANDONED	Lump Sum	1.00	\$ 3,500.00	\$ 3,500.00	\$ 4,000.00	\$ 4,000.00	\$ 11,000.00	\$ 11,000.00
2	WATER METER VAULT & APPT. REMOVED	Lump Sum	1.00	\$ 7,000.00	\$ 7,000.00	\$ 2,000.00	\$ 2,000.00	\$ 12,000.00	\$ 12,000.00
3	12" C909 PVCO WATER LINE W/ 24" CASING PIPE FOR HORIZONTAL BORE	Lin. Ft.	80.00	\$ 905.61	\$ 72,448.80	\$ 794.00	\$ 63,520.00	\$ 850.00	\$ 68,000.00
4	12" C909 PVCO WATER LINE	Lin. Ft.	150.00	\$ 231.87	\$ 34,780.50	\$ 418.00	\$ 62,700.00	\$ 500.00	\$ 75,000.00
5	12" LINE VALVE WITH VALVE BOX	Each	6.00	\$ 5,893.34	\$ 35,360.04	\$ 4,000.00	\$ 24,000.00	\$ 6,500.00	\$ 39,000.00
6	ALRW FIRE HYD. ASSEM.	Each	1.00	\$ 8,644.67	\$ 8,644.67	\$ 9,000.00	\$ 9,000.00	\$ 9,500.00	\$ 9,500.00
7	8'-4"x16'-4" WATER METER VAULT & APPT.	Lump Sum	1.00	\$ 25,000.00	\$ 25,000.00	\$ 37,000.00	\$ 37,000.00	\$ 41,000.00	\$ 41,000.00
8	AGGREGATE SURFACE	C.Y.	40.00	\$ 65.00	\$ 2,600.00	\$ 80.00	\$ 3,200.00	\$ 90.00	\$ 3,600.00
9	MAINTENANCE OF TRAFFIC	Allowance	1.00	\$ 21,400.00	\$ 21,400.00	\$ 18,000.00	\$ 18,000.00	\$ 25,000.00	\$ 25,000.00

Plan holder/attended MPP

AVON LAKE REGIONAL WATER and The City of Avon Joint Project.
Miller Road Water Main and Meter Vault Replacement Project
 Date: 12/20/2023
 by: J.R. Gaydar, P.S., P.E.

BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in ALRW I Plan holder/attended MPP **NEO Trenching Serv. Inc** Plan holder/attended MPP

Item No.	Item Description	Unit	Quantity +/-	Unit Price	Total Cost	Fechko Excavating		NEO Trenching Serv. Inc	
						Unit Cost (\$)	Total Cost	Unit Cost (\$)	Total Cost
10	MOBILIZATION(SEE BELOW)	Lump Sum	1.00	\$ -	\$ -	\$ 18,000.00	\$ 18,000.00	\$ 18,500.00	\$ 18,500.00
11	N.S. RAILROAD FEES	Allowance	1.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
12	EROSION CONTROL	Lump Sum	1.00	\$ 4,000.00	\$ 4,000.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00
13	CONSTR. SURVERYING	Lump Sum	1.00	\$ 4,500.00	\$ 4,500.00	\$ 5,500.00	\$ 5,500.00	\$ 5,000.00	\$ 5,000.00
total						\$ 232,234.01			
07A	MOB & DEMOB	5%		\$ 10,730.16	\$ 11,611.70				
B	BOND	3%		\$ 6,438.09	\$ 6,967.02				
C	INSURANCE	3%		\$ 6,438.09	\$ 6,967.02				
D	PCMU	15%		\$ 32,190.47	\$ 34,835.10				
E	OH	10%		\$ 21,460.31	\$ 23,223.40				
GRAND TOTAL						\$ 315,838.25			
total bid \$						\$ 262,920.00		total bid \$	\$ 325,600.00
Addendum 1						√		Addendum 1	√
Addendum 2						√		Addendum 2	√
Addendum 3						√		Addendum 3	√
Addendum 4						√		Addendum 4	√
Bid Bond @10%						√		Bid Bond @10%	√
Exceptions						none		Exceptions	none
Errors?						none		Errors?	none

Engineers High End Estimate-Certified
10% OVER ENGINEERS \$ 347,422.08

by: j.r. gaydar, p.s., p.e., 12/27/2023 @ 08:02 am
 REV. b: 01/03/24 @ 08:57

AVON LAKE REGIONAL WATER and The City of Avon Joint Project.
 Miller Road Water Main and Meter Vault Replacement Project

Date: 12/20/2023 by: J.R. Gaydar, P.S., P.E.

BID TABULATION Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in ALRW Board Room. Oper: J.A. Larson, EIT.

Plan holder/attended MPP

COST SHARING
 BREAKDOWN

Item No.	Item Description	Unit	Quantity +/-	Unit Price	Total Cost	% total	DRS Enterprises, Inc.		COST SHARING BREAKDOWN	
							Unit Cost (\$)	Total Cost	ALRW	AVON
1	WATER MAIN REMOVED OR ABANDONED	Lump Sum	1.00	\$ 3,500.00	\$ 3,500.00	1.11%	\$ 2,500.00	\$ 2,500.00	50%	50%
2	WATER METER VAULT & APPT. REMOVED	Lump Sum	1.00	\$ 7,000.00	\$ 7,000.00	2.22%	\$ 6,000.00	\$ 6,000.00	0%	100%
3	12" C909 PVC0 WATER LINE W/ 24" CASING PIPE FOR HORIZONTAL BORE	Lin. Ft.	80.00	\$ 905.61	\$ 72,448.80	22.94%	\$ 900.00	\$ 72,000.00	0%	100%
4	12" C909 PVC0 WATER LINE	Lin. Ft.	150.00	\$ 231.87	\$ 34,780.50	11.01%	\$ 271.91	\$ 40,786.50	86%	14%
5	12" LINE VALVE WITH VALVE BOX	Each	6.00	\$ 5,893.34	\$ 35,360.04	11.20%	\$ 4,766.66	\$ 28,599.96	83%	17%
6	ALRW FIRE HYD. ASSEM.	Each	1.00	\$ 8,644.67	\$ 8,644.67	2.74%	\$ 8,702.91	\$ 8,702.91	100%	0%
7	8'-4"x16'-4" WATER METER VAULT & APPT.	Lump Sum	1.00	\$ 25,000.00	\$ 25,000.00	7.92%	\$ 27,636.50	\$ 27,636.50	100%	0%
8	AGGREGATE SURFACE	C.Y.	40.00	\$ 65.00	\$ 2,600.00	0.82%	\$ 72.50	\$ 2,900.00	60%	40%
9	MAINTENANCE OF TRAFFIC	Allowance	1.00	\$ 21,400.00	\$ 21,400.00	6.78%	\$ 15,000.00	\$ 15,000.00	50%	50%
10	MOBILIZATION(SEE BELOW)	Lump Sum	1.00	\$ -	\$ -		\$ 16,000.01	\$ 16,000.01	50%	50%
11	N.S. RAILROAD FEES	Allowance	1.00	\$ 13,000.00	\$ 13,000.00	4.12%	\$ 13,000.00	\$ 13,000.00	50%	50%

AVON LAKE REGIONAL WATER and The City of Avon Joint Project.
 Miller Road Water Main and Meter Vault Replacement Project

Date: 12/20/2023 by: J.R. Gaydar, P.S., P.E.

BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in ALRW Board Room. Oper: J.A. Larson, EIT.

Item No.	Item Description	Unit	Quantity +/-	Unit Price	Total Cost	% total	Plan holder/attended MPP		COST SHARING BREAKDOWN	
							Unit Cost (\$)	Total Cost	ALRW	AVON
12	EROSION CONTROL	Lump Sum	1.00	\$ 4,000.00	\$ 4,000.00	1.27%	\$ 2,500.00	\$ 2,500.00	\$ 6,500.00	\$ 6,500.00
									50%	50%
13	CONSTR. SURVEYING	Lump Sum	1.00	\$ 4,500.00	\$ 4,500.00	1.42%	\$ 4,795.20	\$ 4,795.20	\$ 1,250.00	\$ 1,250.00
									50%	50%
A	MOB & DEMOB	total			\$ 232,234.01	73.53%			\$ 2,397.60	\$ 2,397.60
B	BOND	5%		\$ 10,730.16	\$ 11,611.70	3.68%				
		3%		\$ 6,438.09	\$ 6,967.02	2.21%				
		3%		\$ 6,438.09	\$ 6,967.02	2.21%				
		15%		\$ 32,190.47	\$ 34,835.10	11.03%				
		10%		\$ 21,460.31	\$ 23,223.40	7.35%				
					GRAND TOTAL \$ 315,838.25	100.00%				
Engineers High End Estimate-Certified										
10% OVER ENGINEERS \$ 347,422.08										
by: j.r. gaydar, p.s., p.e., 12/27/2023 @ 08:02 am										
REV. b. 01/03/24 @ 08:57										
							total bid \$	\$ 240,421.08		
							ALRW TOTAL	\$ 123,791.37	AVON TOTAL	\$ 116,629.71
							Addendum 1	✓		
							Addendum 2	✓		
							Addendum 3	✓		
							Addendum 4	✓		
							Bid Bond @10%		none	
							Exceptions		none	
							Errors?		none	



Jack R. Gaydar
 P.S., P.E., M.ASCE

03 JAN 24

- c. List of subcontractors.
- d. List of products.
- e. List of principal suppliers and fabricators.
- f. Schedule of submittals.

Provide a breakdown of the Contract Sum in sufficient detail to facilitate continued evaluation of “Applications for Payment” and progress reports. Break principal subcontract amounts down into several line items. Round amounts to nearest whole dollar; the total shall equal the Contract Sum. Provide a separate line item in the Schedule of Values for each part of the Work where Applications for Payment may include materials or equipment, purchased or fabricated and stored, but not yet installed, known as “Delivered Material”. Differentiate between items stored on-site and items stored off-site. Include requirements for insurance and bonded warehousing, if required. Owner assumes No Responsibility for any delivered materials, whether on-site or off-site and/or material, hardware, components, systems installed for theft and/or damage until the entire project is completed, final and accepted by the Owner, “Substantial Completion”.

PAYMENT PROCEDURES

Contractor shall submit Applications for Payment in accordance with the General Conditions. Application for Payment will be processed by ALRW & the City of Avon.

Requests for Payment shall be split into “Part A – Avon Lake Regional Water” and “Part B – City of Avon.” The percentage breakdown for each line item shall be as follows:

Line Item	Part A – Avon Lake Regional Water	Part B – City of Avon
01 – Water main removal	50%	50%
02 – Meter vault removal	0%	100%
03 – 12” C909 w/ casing pipe	0%	100%
04 – 12” C909	86%	14%
05 – 12” valve	83%	17%
06 – Fire hydrant	100%	0%
07 – New meter vault	100%	0%
08 – Aggregate surface	60%	40%
09 – Maintenance of traffic	50%	50%
10 – Mobilization	50%	50%
11 – NS Railroad fees	50%	50%
12 – Erosion control	50%	50%
13 – Constr. Surveying	50%	50%

Contractor’s invoices shall follow this percentage breakdown for each line item.

AVON LAKE REGIONAL WATER 2023 WATER FILTRATION PLANT UPGRADE

by: j.r. gaydar, p.s., p.e.

DATE: 01/11/24

ENGINEERS BID TAB ANALYSIS

Alternate Bid #	Description	COST	Greatlakes Construction	Lycoming Supply, Inc
1	Water Tank Demo	\$ 145,000.00	No Bid	\$ 64,167.00
2	Aband Settling Tanks Demo	\$ 190,000.00	No Bid	\$ 265,593.00
3	Old Chem-Flocc Bldg Demo	\$ 425,000.00	No Bid	\$ 468,446.00
4	Old Filter Bldd./Admin Bldg-Demo	\$ 425,000.00	No Bid	\$ 498,068.00
5	Remove/replace East Fence	\$ 42,825.25	No Bid	No Bid
5A	Remove/replace WTP mech gate	\$ 22,412.50	No Bid	No Bid
5B	Replace entire N/S fence	\$ 140,203.28	No Bid	No Bid
6	Grind/recoat top surfaces Sed Basin 1-4 Flocc Chm 1-4 Clearwell 4-5	\$ 652,776.00	No Bid	No Bid
7	WFP Generator Synchronization	\$ 150,000.00	No Bid	No Bid
8	Filter Wash Water Backup	\$ 370,272.43	No Bid	No Bid

ALRW= \$ 1,185,000.00

BID ITEM NO	Owner ALRW	Greatlakes Construction	Lycoming Supply, Inc
1	WTP-HDR plans and specs. w/ALRW front end docs. Fluoride building/process (EFI) KUBOTA:RTV-X1140WL-HS	\$ 28,538,717.00	No Bid
2	WFP Access Control (allowance)	\$ 190,000.00	No Bid
3	WFP Signage (allowance)	\$ 20,000.00	No Bid
4	WRF Access Control (allowance)	\$ 105,000.00	No Bid
Base Bid Total		\$ 29,487,335.15	none
Alternate Bids Total		\$ 2,563,489.46	\$ 1,296,274.00
DEMO Alternates Total		\$ 1,185,000.00	\$ 1,296,274.00
Grand Total		\$ 32,050,824.61	\$ 26,633,400.00 \$ 1,296,274.00

Company	Percent over/under ALRW ENG Est. =	Addendum 1	Addendum 2	Addendum 3	Addendum 4	Addendum 5	Addendum 6	Addendum 7	Addendum 8	Addendum 9	Addendum 10	Addendum 11	Addendum 12	Addendum 13	Addendum 14	Addendum 15	Bid Bond @10%	Exceptions	Errors?
Lycoming Supply, Inc	9.39%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	See Below	None
Great Lakes Constr.	7.78%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	None	None

The Great Lakes Construction Co.

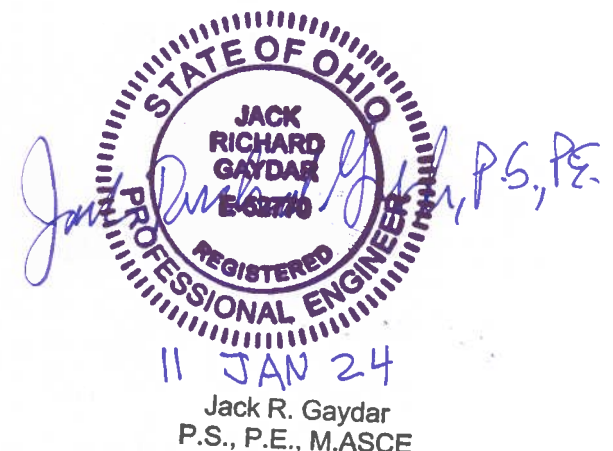
LEAD TIMES

The Bidder shall inform the Owner of any lead times for materials that may adversely impact the completion date of the work. The critical electrical equipment (MCC's) have an approximate lead time of 12 weeks for submittals, estimated 2 weeks for submittal reviews by the the Engineer, and 60 weeks for fabrication after submittal approvals. This equals a total of 74 weeks (518 days) after the NTP which will cause the completion time to extend as noted below and on the Bidder's Certification form.

Other materials with lead times: completion time to extend as noted below and on the Bidder's Certification form.

Once the Notice to Proceed is received, my completion timeframe is 104 weeks

104 weeks = 728 calendar days
ALRW Bid Specification = 450 calendar days (61.8% more time)



Ohio Water Development Agency
2024 Water Filtration Plant Improvement Project

Resolution No. 2024-0116

A RESOLUTION AUTHORIZING ROBERT K. MUNRO, CHIEF UTILITIES EXECUTIVE FOR AVON LAKE REGIONAL WATER TO APPLY FOR AND ENTER INTO AN AGREEMENT ON BEHALF OF THE CITY OF AVON LAKE, OHIO BOARD OF MUNICIPAL UTILITIES FOR, PROFESSIONAL SERVICES AND CONSTRUCTION ACTIVITIES FUNDING OF THE 2024 WATER FILTRATION PLANT IMPROVEMENT PROJECT:

Whereas, the City of Avon Lake Board of Municipal Utilities (the Board) seeks to improve certain processes and areas of the Water Filtration Plant for the health, safety, and welfare of the public; and

Whereas, the City of Avon Lake Board of Municipal Utilities opened bids on January 10, 2024 for the project; and

Whereas, the total amount for the project bids and construction administration services total \$29,421,614.00 for the project plus a ten-percent (10%) loan contingency; and

Whereas, the Ohio Water Development Authority (OWDA) requires the applicant to resolve and appoint a representative to accept and enter into a loan agreement to receive the funding,

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF MUNICIPAL UTILITIES
OF THE CITY OF AVON LAKE, STATE OF OHIO:

SECTION 1. That Robert K. Munro be and is hereby authorized, on behalf of the City of Avon Lake Board of Municipal Utilities, to accept and sign all documents for and enter into a loan agreement with the Ohio Water Development Authority for the funding of professional services and construction activities for the 2024 Water Filtration Plant Improvement Project.

SECTION 2. That this resolution shall take effect and be in force from and after the earliest period allowed by law.

Passed: January 16, 2024

Ayes: 4 Nays: 0


Chairman, Board of Municipal Utilities

Attest: 
Clerk of the Board

Moved by: D. SCHNABEL

Seconded by: T. RUSH