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 The Index for 2023 was	14184.20 13550.84		
This is a difference of	+4.674%		
Therefore, the following are the adjusted 2024	fees:		
	2023	2024	
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	AVON LAKE REGIONAL WATER and The City of Avon Joint Project.	ER and The	: City of Avon	Joint Project.		
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BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in ALRW Board Room Plan holder/attended MPP		Item Description	WATER MAIN REMOVED OR ABANDONED	WATER METER VAULT & APPT. REMOVED	12" C909 PVCO WATER LINE W/ 24" CASING PIPE FOR HORIZONTAL BORE	12" C909 PVCO WATER LINE	12" LINE VALVE WITH VALVE BOX	ALRW FIRE HYD. ASSEM.	8'-4"x16'-4" WATER METER VAULT & APPT.	AGGREGATE SURFACE	MAINTENANCE OF TRAFFIC
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AVON LAKE REGIONAL WATER and The City of Avon Joint Project.	Miller Road Water Main and Meter Vault Replacement Project	by: J.R. Gaydar, P.S., P.E.	BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Expres	
AVON LAKE REGIONA	Miller Road Water Main	Date: 12/20/2023	BID TABULATION-Bid	

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Plan holder/attended MPP	Underground Utilities, Inc	Unit Cost (S)	2,500.00	5,000.00	630.00	310.00	3,600.00	6,400.00	60,000.00	30.00	2,000.00
	22	Þ	↔	\$	\$	\$	\$	\$	\$	\$	\$
РР	Triad engineering&contracting co.	Total Cost	3,800.00	12,000.00	136,000.00	105,000.00	28,200.00	10,500.00	64,000.00	2,400.00	66,500.00
nded M	ing&co		\$	\$	\$	\$	\$	\$	\$	\$ 0	\$
P.S., P.E. 2:00:00 on Bid Express opened in ALRW IPlan holder/attended MPP	ad engineeri	Unit Cost (\$)	3,800.00	12,000.00	1,700.00	700.00	4,700.00	10,500.00	64,000.00	60.00	66,500.00
W IPla	Tria		\$	\$ 0	\$	\$	34	\$ 22	\$	\$. \$
ned in ALR		Total Cost	3,500.00	7,000.00	72,448.80	34,780.50	35,360.04	8,644.67	25,000.00	2,600.00	21,400.00
ess opei			\$ 00	\$ 00	ი ა ა	37 \$	34 \$	57 \$	\$	\$ 00	\$
n Bid Expr		Unit Price	3,500.00	7,000.00	905.61	231.87	5,893.34	8,644.67	25,000.00	65.00	21,400.00
S., P.E. 00:00 o		ity	\$	\$	\$ 0	\$ 0	\$	\$	θ	\$	⇔
ydar, P. 4 @ 12:		Quantity +/-	1.00	1.00	80.00	150.00	6.00	1.00	1.00	40.00	1.00
by: J.K. Gaydar, P.S., P.E. led 03 JAN 24 @ 12:00:00 0		Unit	Lump Sum	Lump Sum	Lin. Ft.	Lin. Ft.	Each	Each	Lump Sum	C.Y.	Allowance
Date: 12/20/2023 by: J.K. Gaydar, BID TABULATION-Bids opened 03 JAN 24 @ 1		Item Description	WATER MAIN REMOVED OR ABANDONED	WATER METER VAULT & APPT. REMOVED	12" C909 PVCO WATER LINE W/ 24" CASING PIPE FOR HORIZONTAL BORE	12" C909 PVCO WATER LINE	12" LINE VALVE WITH VALVE BOX	ALRW FIRE HYD. ASSEM.	8'-4"x16'-4" WATER METER VAULT & APPT.	AGGREGATE SURFACE	MAINTENANCE OF TRAFFIC
BID T.		Item No.	1	2	ω [] Τ	070	ی 1	9	7 8	∞	6

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Miller Road Water Main and Meter Vault Replacement Pro
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AVON LAKE REGIONA	AVON LAKE REGIONAL WATER and The City of Avon Joint Project.
Miller Road Water Main	Miller Road Water Main and Meter Vault Replacement Project
Date: 12/20/2023	by: J.R. Gaydar, P.S., P.E.
BID TABULATION-Bid	BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in ALRW IPlan

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Addendum 4 | Bid Bond @10% | Errors?
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| es, Inc | Total Cost | | 35,000.00
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Addendum 4 | Bid Bond @10% | Errors?
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 | 315,838.25 | 347,422.08 |
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| | Item Item Description
No. | | 10 MOBILIZATION(SEE BELOW)
 | 11 N.S. RAILROAD FEES | 12 EROSION CONTROL

 | 13 CONSTR. SURVERYING
 |
 | MOB & DEMOB
 | | | C INSURANCE | D PCMU | E OH | | | | | | | | | | | | |
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| | Triad engineering&contracting co. Underground Utilities, Inc J. Severino Construction | Triad engineering&contracting co. Underground Utilities, Inc J. Severino Construct Item Description Unit Quantity Unit Price Total Cost (\$) Total Cost (\$) Total Cost (\$) Total Cost (\$) +/- +/- Unit Cost (\$) Total Cost (\$) Total Cost (\$) Total Cost (\$) Unit Cost (\$) | Item Description Unit Quantity Unit Price Total Cost (\$) Total Cost (\$) <thttps: (\$)<="" cost="" dotal="" th=""> Total Cost (\$)<th>Triad engineering&contracting co. Underground Utilities, Inc J. Severino Construction Item Description Unit Quantity Unit Price Total Cost (\$) Total Cost J. Severino Construction +/- +/- Unit Cost Unit Cost Unit Cost Unit Cost Total Cost Unit Cost Unit Cost Total Cost MOBILIZATION(SEE BELOW) Lump Sum 1.00 \$ 14,000.00 \$ 14,000.00 \$ 35,000.00 \$ *</th><th>Item Description Unit Quantity Unit Price Total Cost Total Cost Unit Cost<!--</th--><th>Triad engineering&contracting co. Underground Utilities, inc J. Severino Construction Ifem Description Unit Quantity Unit Price Total Cost (\$) Total Cost MOBILIZATION(SEE BELOW) lump Sum 1.00 \$ - \$ 13,000.00 \$ 13,000.00 \$ 13,000.00 \$ 13,000.00 \$ 13,000.00 \$ 13,000.00 \$ 13,000.00 \$ 13,000.00 \$ *<th>Item Description Unit Cost (\$) Total Cost Unit Cost (\$) Total Cost<</th><th>Item Description Unit Value Total Cost Unit Cost (\$) Total Cost S (\$) Total Cost S (\$) Total Cost S (\$) S (\$)<!--</th--><th>Item Description Unit Value Total Cost Unit Cost (5) Total Cost J. Second Construction J. Second Constructio J. 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Second Cons J. | Item Description Unit Cost Total Cost Unit Cost | Item DescriptionUnit PriceTotal GostUnit CostUnderground Utilities, Inc.Use Service ConstructionMOBILIZATION(SEE BELOW)Ummp Sum1.00\$*574,000.00\$14,000.00\$14,000.00\$35,000.00\$Unit Cost (\$)Total CostMOBILIZATION(SEE BELOW)Ummp Sum1.00\$13,000.00\$14,000.00\$14,000.00\$13,000.00\$5555 | Item DescriptionUnitQuantityLonit PriceTotal CostUnit Cost (\$)Total CostUnit Cost (\$)Unit Cost (\$)Unit Cost (\$)Unit Cost (\$)Unit Cost (\$)Unit CostUnit CostUnit CostUnit Cos | Item Description Unit Description Unit Cost (S) Total Cost (S) Tota | Item DescriptionUnit Cost (s)Total CostUnit Cost (s)Total CostLeaderground cluitles, incLeaderground cluitles, inc< | Item Description Unit Quantity Traid engineering contracting con | Trem DescriptionUnit Cost (s)Total CostUnit Cost (s)Total CostJ. 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by: j.r. gaydar, p.s., p.e., 12/27/2023 @ 08:02 am REV. b: 01/03/24 @ 08:57

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BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in ALRW IPlan holder/attended MPP Item Item Description Unit Quantity Unit Cost (\$) Total Cost	JAN 24 (Unit (Quantity		Unit Price	Total Cost		echko Excava Unit Cost (\$)	vating s)	Total Cost	NEO T Unit	NEO Trenching Serv. Inc Unit Cost (\$) To	Serv. Inc To	Inc Total Cost
Lump Sum	Ę	+/-	÷	3,500.00 \$	3,500.00		\$ 4,000.00	\$ 00.	4,000.00	Ф	11,000.00	¢	11,000.00
Lump Sum	Е	1.00	θ	\$ 000.000 \$	7,000.00		\$ 2,000.00	\$ 00.0	2,000.00	Ф	12,000.00	\$	12,000.00
Lin. Ft.		80.00	\$	905.61 \$	6 72,448.80	the second second second	\$ 794	794.00 \$	63,520.00	\$	850.00	S	68,000.00
Lin. Ft.		150.00	θ	231.87 \$	34,780.50		\$. 418	418.00 \$	62,700.00	S	500.00	\$	75,000.00
Each		6.00	\$	5,893.34 \$	35,360.04		\$ 4,000.00	\$ 00.0	24,000.00	\$	6,500.00	φ	39,000.00
Each		1.00	\$	8,644.67 \$	8,644.67	1200	\$,000.00	\$ 00.0	6,000.00	Ś	9,500.00	Ф	9,500.00
Lump Sum	~	1.00	¢	25,000.00 \$	\$ 25,000.00	10 11 25 -	\$ 37,000.00	\$ 00.	37,000.00	в	41,000.00	\$	41,000.00
С. Ч.		40.00	\$	65.00 \$	2,600.00		80	80.00 \$	3,200.00	\$	00.06	Ф	3,600.00
Allowance	U	1.00	Ф	21,400.00 \$	\$ 21,400.00	-	\$ 18,000.00	\$ 00.0	18,000.00	в	25,000.00	\$	25,000.00

AVON LAKE REGIONAL WATER and The City of Avon Join	Miller Road Water Main and Meter Vault Replacement Proj	by: J.R. Gaydar, P.S., P.E.	BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on
AVON LAKE REGIONAL	Miller Road Water Main	Date: 12/20/2023	BID TABULATION-Bids

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n Bid Express onened in ALRW IPlan holder/attended MPP

BID	BID TABULATION-Bids opened 03 JAN 24 $@$ 12:00:00 on Bid Express opened	d 03 JAN 24 @	12:00:(00 on I	3id Express op		W HP		d MPF		Plan holder/attended MPP	rr/attended	I MPP		
Item No.	n Item Description	Unit Qu	Quantity +/-	'n	Unit Price	Total Cost		Unit Cost (\$)		Total Cost	Unit Cost (\$)	Contraction of the second	Serv. Inc Tot	nc Total Cost	
10	MOBILIZATION(SEE BELOW)	Lump Sum	1.00	ŝ	\$,	\$	18,000.00	φ	18,000.00	\$	18,500.00	Ф	18,500.00	
11	N.S. RAILROAD FEES	Allowance	1.00	Ф	13,000.00 \$	13,000.00	\$ 00	13,000.00	Ф	13,000.00	\$ 13	13,000.00	÷	13,000.00	
12	EROSION CONTROL	Lump Sum	1.00	θ	4,000.00 \$	4,000.00	\$ 00	3,000.00	Ф	3,000.00	ۍ ک	5,000.00	÷	5,000.00	
13	CONSTR. SURVERYING	Lump Sum	1.00	Ф	4,500.00 \$	4,500.00	\$ 00	5,500.00	θ	5,500.00	ۍ ک	5,000.00	÷	5,000.00	
				total	\$	32,234.01	01								
073	MOB & DEMOB	5%		⇔	10,730.16 \$	11,611.70	70								
							t	total bid \$	69	262,920.00	total bid \$		с, Ф	325,600.00	
8	BOND	3%		Ф	6,438.09 \$	6,967.02	02					L			
							٩	Addendum 1		7	Addendum 1			7	
U	INSURANCE	3%		Ф	6,438.09 \$	6,967.02		Addendum 2		7	Addendum 2	n 2		7	
۵	PCMU	15%		в	32,190.47 \$	34,835.10		Addendum 3 Addendum 4		~ ~	Addendum 3 Addendum 4	n 3 4 1		~ ~	
							Ш	Bid Bond @10%		1	Bid Bond @10%	@10%		~	
ш	НО	10%		Ф	21,460.31 \$	3,223.40		Exceptions		none	Exceptions	<u>د</u>		none	
							-	Errors?		none	Errors?			none	
				GRA	F	\$ 315,838.25	22								
		Engineers High End Estimate-Certified 10% OVER ENGINEER	n End Es % OVE	stimate R EN	igh End Estimate-Certified 10% OVER ENGINEERS \$	347,422.08	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 Join	Miller Road Water Main and Meter Vault Replacement Pro-	by: J.R. Gaydar, P.S., P.E.	BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on
AVON LAKE REGIO	Miller Road Water M	Date: 12/20/2023	BID TABULATION-I

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.	by: J.R. Gaydar, P.S. Bid Express opened	S., P.E. 1 in ALRW Board	Room. Oper: J.A. Larson, EIT.		Plan holder/attended I		Plan holder/attended MPP		Plan holder/did not attend MPP		Plan holder/attended MP	1	an holder/attended M		Plan holder/attended MPP		Plan holder/attended MPP		Plan holder/attended MPP	PP
Item Item Description No.	Unit Quantity	ity Unit Price	Total Cost	% total	Unit Cost (S) Tot	al Cost	Unit Cost (S)	al Cost	Unit Cost (S) 1	Total Cost	Unit Cost (\$) Total Cost		Underground Utilities, Inc Unit Cost (S) Total Cost	-	Unit Cost (S) T	n otal Cost	Unit Cost (S)	Total Cost	Unit Cost (S)	Inc Total Cost
1 WATER MAIN REMOVED OR ABANDONED	Lump Sum 1.00	\$ 3,500.00	00 \$ 3,500.00	1.11%	\$ 2,500.00 \$	2,500.00	14,000.00 \$	DI 14,000.00 \$	DID NOT SUBMIT A BID \$ - \$, ,	3,800.00	3,800.00 \$	2,500.00 \$	2,500.00 \$,		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	00 000'2 \$ 00	2 22%	\$ 6,000,00 \$	6,000.00	8,800.00 \$	8,800.00 \$	49	,	12,000.00 \$	12,000.00	5,000.00 \$	5,000.00 \$		به ب	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	51 \$ 72,448.80	22.94% \$	\$ 800.00	\$ 72,000.00	715.00 \$	57,200.00 \$, ,	49 ,	1,700.00 \$	136,000.00 \$	630.00 \$	50,400.00 \$	•• •	иэ ,	794.00 \$	63,520.00 \$	850.00 \$	68,000.00
4 12" C909 PVCO WATER LINE	Lin. Ft. 150.00	0 \$ 231.87	37 \$ 34,780.50	11.01%	\$ 271.91 \$	40,786.50 \$	305.00 \$	45,750.00 \$,		200.00	105,000.00 \$	310.00 \$	46,500,00 \$,	, 1 9	418.00 \$	62,700.00 \$	500.00 \$	75,000.00
5 12" LINE VALVE WITH VALVE BOX	Each 6.00	\$ 5,893.34	34 \$ 35,360.04	11.20%	\$ 4,766.66 \$	28,599.96	5,625,00 \$	33,750.00 \$	υ γ	49	4,700.00 \$	28,200.00 \$	3,600.00 \$	21,600.00 \$	• •	19	4,000.00 \$	24,000.00 \$	6,500.00 \$	39,000.00
6 ALRW FIRE HYD. ASSEM.	Each 1.00	\$ 8,644.67	37 \$ 8,644.67	2.74% \$	\$ 8,702.91 \$	8,702.91	8,800.00 \$	8,800.00	69	69	10,500.00 \$	10,500.00 \$	6,400.00 \$	6,400.00 \$,	63	\$ 00.000,6	\$ 000000'6	\$ 00'005'6	9,500.00
7 8'-4" XIS'-4" WATER METER VAULT & APPT.	Lump Sum 1.00	\$ 25,000.00	00 \$ 25,000.00	7.92%	\$ 27,636.50 \$	27,636.50 \$	39,100.00 \$	39,100.00 \$		<i>и</i> л	64,000.00 \$	64,000.00 \$	60,000.00 \$	\$ 60,000.00	<i>ч</i> э ,		37,000.00 \$	37,000.00 \$	41,000.00 \$	41,000.00
8 AGGREGATE SURFACE	C.Y. 40.00	\$ 65,00	0 \$ 2,600.00	0.82%	\$ 72.50 \$	2,900.00	50.00 \$	2,000.00 \$	5		60.00	2,400.00 \$	30.00 \$	1,200.00 \$	у ,	ب	80.00 \$	3,200,00 \$	\$ 00'06	3,600.00
MAINTENANCE OF TRAFFIC	Allowance 1.00	\$ 21,400.00	0 \$ 21,400.00	6.78%	\$ 15,000.00 \$	15,000.00 \$	11,000.00 \$	11,000.00 \$	5		66,500.00 \$	66,500.00 \$	2,000,00 \$	2,000.00 \$	у ,	ره ب	18,000.00 \$	18,000.00 \$	25,000.00 \$	25,000.00
10 MOBILIZATION(SEE BELOW)	Lump Sum 1.00	1 69	۰ دب		\$ 16,000,01 \$	16,000.01 \$	18,000.00 \$	18,000.00 \$	69	69	14,000.00 \$	14,000.00 \$	35,000,00 \$	35,000.00 \$	69 ,	•	18,000.00 \$	18,000.00 \$	18,500.00 \$	18,500.00
11 N.S. RAILROAD FEES	Allowance 1.00	\$ 13,000.00	0 \$ 13,000.00	4.12%	\$ 13,000.00 \$	13,000.00 \$	13,000.00 \$	13,000.00 \$	69	69	13,000,00 \$	13,000.00 \$	13,000.00 \$	13,000.00 \$	69	69	13,000.00 \$	13,000,00 \$	13,000.00 \$	13,000.00
12 EROSION CONTROL	Lump Sum 1.00	\$ 4,000.00	0 \$ 4,000.00	1.27%	\$ 2,500.00 \$	2,500.00 \$	2,500.00 \$	2,500,00 \$	63	69	\$ 000.000 \$	7,000.00	1,500.00 \$	1,500.00 \$	6	<i>и</i> я ,	3,000.00 \$	3,000.00	5,000.00 \$	5,000.00
13 CONSTR. SURVERVING	Lump Sum 1.00	\$ 4,500.00	00 \$ 4,500,00	1.42%	\$ 4,795.20 \$	4,795.20 \$	7,000.00 \$	7,000.00 \$	\$	<u>и</u>	11,500.00 \$	11,500.00 \$	2,500.00 \$	2,500.00 \$	s	•	5,500.00 \$	5,500.00	5,000.00 \$	5,000.00
		total	\$ 232,234,01	73.53%																
	5%	\$ 10,730,16	6 \$ 11,611,70	3.68%	total bid \$	\$240,421.08 to	total bid \$	260,900.00 tot	total bid \$		total bid \$	473,900.00	total bid \$	247,600.00 tot	total bid \$. tot	total bid \$	262,920.00 to	total bid \$	325,600.00
B BOND C INSURANCE	3% 3%	\$ 6,438.09 \$ 6,438.09	09 \$ 6,967.02	2.21% A	Addendum 1		Addendum 1		Addendum 1		Addendum 1	~ ~	Addendum 1		Addendum 1	Ad	Addendum 1	24	Addendum 1	7 -
D PCMU	15%	(.)	69	-	Addendum 3 Addendum 4	A	Addendum 3 Addendum 4	Ad	Addendum 3 Addendum 4		Addendum 3 Addendum 3	Π	Addendum 2 Addendum 3 Addendum 4	Ad	Addendum 2 Addendum 3 Addendum 4	PA	Addendum 2 Addendum 3 Addendum 4		Addendum 2 Addendum 3 Addendum 4	~ ~ ~
E OH	10%	\$ 21,460.31	69		Bid Bond @10% Exceptions	e e	Bid Bond @10% Exceptions		Bid Bond @10% Exceptions		Bid Bond @10% Exceptions	V B D	Bid Bond @10% Exceptions	ø	Bid Bond @10% Exceptions	Ŭ Bi	Bid Bond @10% Exceptions	e	Bid Bond @10% Exceptions	ر none
THE OF OTHER	GRAND TOTAL \$ 31 Engineers Iligh End Estimate-Certified 10% OVER ENCINEERS \$ 3 by: jr. gaydar, p.s., p.e., 1227/203 @ 0802 am	GRAND TOTAL \$ IEstimate-Certified VER ENGINEERS \$ Pe., 12/27/2023 @ 08:02 at BEV. 15 04:0020 4 000	AL \$ 315,838.25 S \$ 347,422.08 08:02 am A @ 06.57	100.00%	Errors?		Errors?	Tana	Errors?		Errors?		Errors?		Errors?	<u> </u>	Errors?		Errors?	попе
RICHARD CHI																				
gares all all holes ?	3.5	5	й».																	
OB JHN 24		Jack R. Gaydar P.S., P.E., M.ASCE																		

AVON LAKE REGIONAL WATER and The City of Avon Joint Project. Miller Road Water Main and Meter Vault Replacement Project Date: 12/20/2023 BID TABULATION-Bids opened 03 JAN 24 @ 12:00:00 on Bid Express opened in AL

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

1,250.00 72,000.00 4,861.99 1,160.00 6,000.00 5,710.11 7,500.00 8,000.01 AVON 100% 100% 17% 40% 50% 50% 14% 50% 50% %0 %0 COST SHARING BREAKDOWN ŝ ю ω Э S 69 69 S ω 69 1,250.00 7,500.00 35,076.39 8,702.91 27,636.50 1,740.00 8,000.01 23,737.97 ALRW 100% %09 100% 50% 83% 20% 50% 50% 86% %0 %0 Ś ω 69 ю 2,900.00 2,500.00 6,000.00 72,000.00 40,786.50 28,599.96 8,702.91 27,636.50 15,000.00 16,000.01 13,000.00 **Total Cost** Plan holder/attended MPP ю 69 69 θ ω 69 θ Э 69 ŝ θ DRS Enterprises, Inc. 13,000.00 271.91 4,766.66 72.50 15,000.00 2,500.00 6,000.00 900.006 8,702.91 27,636.50 16,000.01 Unit Cost (\$) 69 ŝ 69 69 60 s 69 69 4.12% \$ 69 θ 1.11% 2.22% 11.20% 22.94% 11.01% 2.74% 7.92% 0.82% 6.78% % total Date: 12/20/2023 C. E. E. Dy: J.R. Gaydar, P.S., P.E. BID TABULATION Bids opener 03, 48024 @ 12:00:00 on Bid Express opened in ALRW Board Room. Oper: J.A. Larson, EIT. 3,500.00 7,000.00 34,780.50 2,600.00 13,000.00 72,448.80 35,360.04 8,644.67 25,000.00 21,400.00 1 Total Cost 69 G θ \$ 69 ŝ 69 69 Ś ю Э 3,500.00 13,000.00 231.87 65.00 21,400.00 7,000.00 25,000.00 905.61 5,893.34 8,644.67 **Unit Price** s 69 θ ω ω ω ŝ \$ G ω Э Quantity 150.00 80.00 40.00 1.00 1.00 1.00 6.00 1.00 1.00 1.00 1.00 -/+ Lump Sum Lump Sum Lump Sum Lump Sum Allowance Allowance Lin. Ft. Lin. Ft. Unit Each Each C.Y. CH MAIN REMOVED OR ABANDONED HO F-27 UD Ltem Descript MOBILIZATION(SEE BELOW) 8'-4"x16'-4" WATER METER LINE W/ 24" CASING PIPE FOR HORIZONTAL BORE ALRW FIRE HYD. ASSEM. 12" C909 PVCO WATER 12" C909 PVCO WATER **12" LINE VALVE WITH** AGGREGATE SURFACE 11 N.S. RAILROAD FEES **MAINTENANCE OF** APPT. REMOVED VAULT & APPT. VALVE BOX TRAFFIC LINE Item No. 2 ~ 9 m S و œ თ 075

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.	<pre>int Project. roject by: J.R. Gaydar, P.S., P.E. by Bid Express opened in Al</pre>	dar, P.S., opened i	P.E. a ALRV	/ Board Ro	om. Ope	r: J.A. Larson,		Plan holder/attended MPP	MPP	COST SHARING	ARING
								DRS Enterprises, Inc.		BREAKDOWN	OWN
Item Item Description No.	Unit	Quantity +/-	Uni	Unit Price	Tota	Total Cost	% total	Unit Cost (S)	Total Cost	ALRW	AVON
										\$ 6.500.00	\$ 6.500.00
12 EROSION CONTROL	Lump Sum	1.00	69	4,000.00	69	4,000.00	1.27%	\$ 2,500.00	\$ 2,500.00	50%	
										\$ 1,250.00	\$ 1,250.00
13 CONSTR. SURVERYING	Lump Sum	1.00	69	4,500.00	ŝ	4,500.00	1.42%	\$ 4,795.20	\$ 4,795.20	50%	50%
										\$ 2,397.60	\$ 2,397.60
			total		\$ 23	232,234.01	73.53%				
										ALRW TOTAL	AVON TOTAL
A MOB & DEMOB	5%		69	10,730.16	69	11,611.70	3.68%			\$ 123,791.37	\$ 116,629.71
								total bid \$	\$240,421.08		
B BOND	3%		69	6,438.09	69	6,967.02	2.21%				
								Addendum 1	1		
C INSURANCE	3%		69	6,438.09	69	6,967.02	2.21%	Addendum 2	1		
								Addendum 3	۲		
D PCMU	15%		69	32,190.47	69	34,835.10	11.03%	Addendum 4	7		
									7		
E OH	10%		69	21,460.31	67	23,223.40	7.35%	Exceptions	none		
							and the second	Errors?	none		
			GRAN	LAND TOTAL	\$ 315	315,838.25	100.00%				
	Engineers High End Estimate-Certified 10% OVER ENGINEER	igh End E 10% OVI	stimate-	igh End Estimate-Certified 10% OVER ENGINEERS	ર્સ સ	347,422.08					
	by: j.r. gaydar, p.s., p.c., 12/27/2023 @ 08:02 am	ar, p.s., p.	e., 12/27	2023 @ 08	:02 am			No. of the second se			



p.e., 12/27/2023 @ 08:02 am REV. b: 01/03/24 @ 08:57

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 offsite. 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:

	Part A –	Part B -
	Avon Lake	City of
Line Item	Regional Water	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 FILITRATION PLANT UPGRADE

DATE: 01/11/24

Greatlakes

by: j.r. gaydar, p.s., p.e. ENGINEERS BID TAB ANALYSIS

Alternate Bid # 1 2	Description Water Tank Demo Aband Settling Tanks Demo	\$	<u>COST</u> 145,000.00 190,000.00			Greatlakes <u>Construction</u> No Bid No Bid	<u>Lyco</u> \$ \$	ming Supply, Inc 64,167.00 265,593.00	
3	Old Chem-Flocc Bldg Demo	\$	425,000.00			No Bid	\$	468,446.00	
4	Old Filter Blld./Admin Bldg-Demo	\$	425,000.00			No Bid	\$	498,068.00 \$	1,296,274.00
5	Remove/replace East Fence	\$	42,825.25			No Bid		ALRW= \$ No Bid	1,185,000.00
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	
BID ITEM NO			Owner ALRW			Greatlakes Construction	Lyco	ming Supply, Inc	
1	WTP-HDR plans and specs. w/ALRW front end docs. Fluoride building/process (EFI) KUBOTA:RTV-X1140WL-HS	\$ 28	8,538,717.00 633,618.15		\$	26,318,400.00		No Bid	
2	WFP Access Control (allowance)	\$	190,000.00		\$	190,000.00		No Bid	
3	WFP Signage (allowance)	\$	20,000.00		\$	20,000.00		No Bid	
4	WRF Access Control (allowance)	\$	105,000.00		\$	105,000.00		No Bid	
	Base Bid Total	\$ 2 <u>9</u>	9.487.335.15		Ś	26,633,400.00		none	
	Alternate Bids Total				94	none	\$	1,296,274.00	
	DEMO Alternates Total					none	\$	1,296,274.00	
	Grand Total Base Bid Comparison	\$3	2,050,824.61		\$	26,633,400.00	\$	1,296,274.00	
Lycoming Supply, Inc	Percent over ALRW ENG Est. =		9.39%	Addendum 1 Addendum 2		Yes Yes		Yes Yes	
Great Lakes Constr.	Percent under ALRW ENG Est. =		7.78%	Addendum 3		Yes		Yes	
oreat Lakes constr.	Forcent under Aentie Ento Est		1.7070	Addendum 4		Yes		Yes	
				Addendum 5		Yes		Yes	
				Addendum 6		Yes		Yes	
				Addendum 7		Yes		Yes	
				Addendum 8		Yes		Yes	
				Addendum 9		Yes		Yes	
				Addendum 10		Yès		Yes	
				Addendum 10 Addendum 11				Yes	
						Yes			
				Addendum 12		Yes		Yes	
				Addendum 13		Yes		Yes	
				Addendum 14		Yes		Yes	
				Addendum 15		Yes		Yes	
				Bid Bond @10%		Yes		Yes	
				Exceptions Errors?		See Below		None None	

The Great Lakes Construction Co.

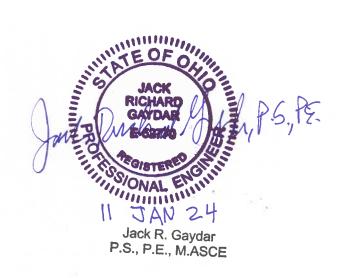
LEAD TIMES

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 completion date of the work. 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

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

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

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



weeks

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 THERFORE, 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:

Ayes: 4 Nays: 0

irman Board of Municipal Utilities

079

Attest: Clerk of the Board

January 16, 2024

Moved by: <u>D. SCHNABEL</u> Seconded by: <u>T. Rush</u>