

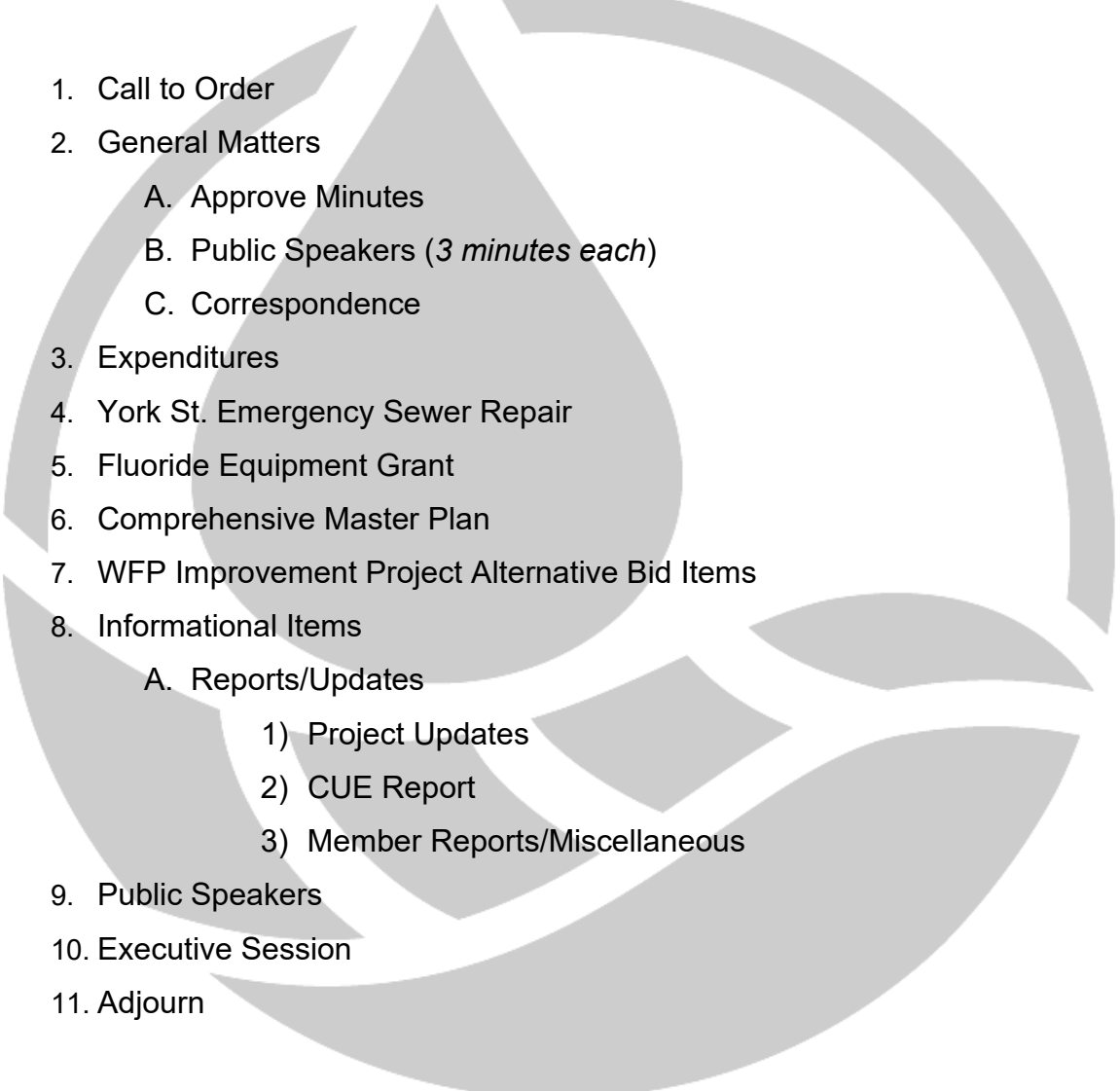
AGENDA

For

Tuesday

April 2, 2024

6:30 PM

- 
1. Call to Order
 2. General Matters
 - A. Approve Minutes
 - B. Public Speakers (*3 minutes each*)
 - C. Correspondence
 3. Expenditures
 4. York St. Emergency Sewer Repair
 5. Fluoride Equipment Grant
 6. Comprehensive Master Plan
 7. WFP Improvement Project Alternative Bid Items
 8. Informational Items
 - A. Reports/Updates
 - 1) Project Updates
 - 2) CUE Report
 - 3) Member Reports/Miscellaneous
 9. Public Speakers
 10. Executive Session
 11. Adjourn

Avon Lake Regional Water
MEMORANDUM

To: **Board of Municipal Utilities**
From: **Rob Munro**
Subject: **Agenda Items – April 2, 2024**
Date: **March 28, 2024**

Item 1: **Call to Order**

Item 2A: **Approve Minutes**

Item 2B: **Public Speakers**

Item 2C: **Correspondence**

Item 3: **Expenditures**

Item 4: **York St. Emergency Sewer Repair – RKM**

During proactive sewer inspections using the new Cues camera truck, staff discovered the sanitary sewer on York St. to have significant deficiencies in the vitrified clay butt-joint pipe causing less than acceptable performance in the sewer main. Staff mobilized on Monday March 25, 2024 with an emergency contractor to replace and repair approximately 200 feet of 8-inch sanitary sewer main. The CUE coordinated with Public Works Director Jon Liskovec regarding the poor condition of the existing pavement. City staff decided to pave the entire street after the emergency repair is completed. ALRW and the City will split the cost of paving evenly as the repair trench represents only a portion of the entire street. The emergency repair is expected to be completed by Thursday March 28th, with street paving to take place as soon as asphalt plants are opened in April.

Item 5: **Fluoride Equipment Grant – RKM**

One of the components of the Water Filtration Plant improvement project is upgrading the fluoride system. WFP manager Jason Gibboney applied for a fluoride equipment assistance grant through the Ohio Department of Health. On March 21st staff was notified that Avon Lake Regional Water was awarded \$25,000.00 to offset costs associated with the new equipment. The total cost of fluoride feed equipment that was eligible under the grant program was \$78,965.00. The total fluoride system upgrade cost is \$580,000.00.

Item 6: **Comprehensive Master Plan – RKM**

In early January staff issued a Request for Qualifications (RFQ) for firms interested in completing a comprehensive master plan for the Water Filtration Plant (WFP) and water

distribution system. After reviewing the proposals, the selection team chose Stantec as the firm to complete the master plan. Staff worked with Stantec on a project scope and fee and is presenting that this evening for the Board's consideration.

The master plan will include growth projections for Avon Lake and bulk customers as well as options for growing the water service territory of ALRW. A Capital Improvement Plan (CIP) for the WFP, distribution system, and the Eastern Transmission Lines (ETLs) will also be included in the master plan. Along with increasing capacity at the WFP the master plan will look at the increase in water plant residuals due to increased production. The estimated project timeline for completion of the master plan is nine months from issuance of the notice to proceed. Staff is recommending the award of a contract to Stantec for the not-to-exceed amount of \$277,910.90. The costs associated with this project are appropriated in the 2024 701 Water Fund budget.

Recommended Motion:

I move to authorize the CUE to execute a master services agreement and Task Order #1 with Stantec for the 2024 Comprehensive Water Master Plan in the amount of \$277,910.90 plus a 5% contingency for any out-of-scope items.

Item 7: WFP Improvement Project Alternative Bid Items – GKY/JRG

During the bidding process for the upcoming improvement project at the Water Filtration Plant, there were several alternative bid items listed on the bid tabulation. Unfortunately, there were no bids received on any of these alternative bid items. Two items of priority from this list are the rehabilitation of the concrete coatings for the sedimentation basins and the wash water system improvements.

The rehabilitation of the concrete coatings on the sedimentation basins is an item that was put out for bid in 2019. The bids received from several bidders were either more than 10% above the engineers estimate or had significant bid exceptions that prevented staff from recommending an award of a contract. Since the WFP improvement project was nearing, staff decided to include this work as an alternate bid item in the specifications. It is necessary for this work to be completed to prolong the useful life of the sedimentation basins. Staff requested Great Lakes Construction to provide a change order proposal under the project to complete this work. Staff has reviewed the proposal and is comfortable with the proposed work and fee. The cost for this change order is \$643,299.00 which is less than the Engineers estimate of \$652,776.00.

The wash water system improvements include a redundant feed for the filter wash water system. With the upcoming improvements at the WFP, the old 50,000-gallon wash water tank will be demolished. This tank was originally installed for the smaller filters used at the plant in the 1960's. It lacks sufficient volume to backwash the larger new filters. This change order will provide an emergency interconnection with the Central High Service discharge header which will provide a second water source for washing filters. The current primary source of water, via the wash water tank, is fed from Clearwell #5. This improvement will provide full redundancy to the backwash system with two independent feed points. The cost for this change order is \$366,717.00 which is less than the Engineers estimate of \$370,272.43. The combined total for both change orders is \$1,010,016.00.

Upon approval by OWDA, the CUE will execute these change orders via the contingency account on the project. The total contingency account on this project is \$2,934,889.40, which represents 10% of the total awarded contracts.

Item 8A1: Project Updates – GKY

Power Plant Update: Demolition continues on the north side of Lake Rd.

ETL Design Services: No update.

WFP Improvements: Preconstruction Meeting will be held on April 3, 2024.

Additional Storage Building: All work has been completed and punch list items have all been satisfied. This project will now be closed out.

Inductively Coupled Plasma Mass Spectrometer (ICP): WFP Lab staff will be submitting their initial display of competencies (IDOCs), standard operating procedures (SOPs), and application for certification to the Ohio Environmental Protection Agency (OEPA) the week of April 1, 2024. They continue to test wastewater and industrial pre-treatment samples with no issues and are feeling very comfortable with the ICP unit.

SCADA Communication Upgrade: The updated fiber optic converters are ordered and installation is currently scheduled for the third week of May 2024. Engineering Services staff is working on the design of a dedicated server room for the WFP SCADA and server equipment.

Item 8A2: CUE Report – RKM

Item 8A3: Member Reports/Miscellaneous

Item 9: Public Speakers

Item 10: Executive Session

The CUE requests an Executive Session to discuss the employment of a public employee and pending or imminent court action. The CUE does not anticipate any formal action by the Board following the Executive Session.

Recommended Motion:

I move to meet in executive session as allowed by ORC §121.22 (G)(1) and (G)(3) to discuss the employment of a public employee and pending or imminent court actions, and to include the CUE, the CUO, and a representative from Mansour Gavin.

Item 11: Adjourn

Board of Municipal Utilities
Work Session Minutes
March 19, 2024
201 Miller Road
Avon Lake, Ohio

Call to Order – Roll Call

The Work Session was called to order at 6:00 PM.

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

Also present: CUE Munro, CUO Yuronich, Business & Financial Coordinator Logan, Mayor Spaetzel, Law Director Ebert, Finance Director Widman, Councilwoman Fenderbosch, Councilwoman Gentry and Anthony Coyne of Mansour Gavin.

Financial Policy Presentation

Mr. Logan provided an overview to the Board a proposal for how all of ALRW's finances currently go through the City of Avon Lake's Finance Department. Mr. Logan presented proposed changes to how ALRW could manage their own money through the accounts payable process and by controlling how much of ALRW's money could be invested into funds such as the STAR Ohio accounts that could take advantage of the favorable interest rates available at this time.

Mr. Logan stated that there would be some additional charges incurred but provided numbers that showed how those costs would be more than offset by the increase in interest gained by investments and maintaining a minimum balance in the Huntington account of \$3,000,000. He also showed that the City of Avon Lake would see a reduction in man-hours spent handling ALRW's finances.

Mr. Logan outlined the steps that would need to be taken to separate the City of Avon Lake and ALRW's finances. Mr. Logan stated that there would need to be changes to ALRW regulations, additional access granted in New World System, update Huntington and STAR Ohio's permissions and purchase some basic supplies such as checks and envelopes that would be needed to send our own payments to vendors. In addition, Mr. Ebert indicated there would need to be some amendments to the City's Charter. These amendments would need to go to a public vote in November. If these amendments pass, a realistic start date for implementing this process would be January 1, 2025.

Adjourn

As there was no further business, Mr. Abram moved to adjourn, and Mr. Rush seconded. The work session adjourned at 6:44 PM.

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

Nays: None

Motion carried.

Approved April 2, 2024.

John Dzwonczyk, Chairman

Robert Munro, Clerk

Board of Municipal Utilities
Meeting Minutes
March 19, 2024
201 Miller Road
Avon Lake, Ohio

Call to Order – Roll Call

The meeting was called to order at 7:10 PM following the conclusion of the Work Session. The meeting was held in-person using web-based video conferencing technology and streamed live to Facebook and YouTube.

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

Also present: CUE Munro, CUO Yuronich, Business and Financial Coordinator Logan, Attorney Anthony Coyne of Mansour Gavin and City of Avon Lake Councilwomen Fenderbosch and Gentry.

Approve Minutes

Mr. Dzwonczyk presented the Minutes of the March 5, 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

Following review of expenses for funds and amounts as follows, Mr. Abram moved, Mr. Rickey seconded, to approve the expenditures of March 1 through March 14, 2024:

Water Fund 701	\$	200,420.66
Wastewater Fund 721	\$	188,299.41
ETL1 Fund 703	\$	151,307.92
ETL2 Fund 762	\$	370,837.64
LORCO Fund 749	\$	6,121.60
Water Construction Fund 704	\$	13,649.80
Wastewater Construction Fund 724	\$	13,649.80

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

Nays: None

Motion carried.

OWDA Loan

Mr. Munro informed the Board that the 2024 WFP Improvement Project was awarded funding by the OWDA, the Ohio Water Development Authority, at their February 29, 2024 meeting. Mr. Munro stated that with contingencies the total award was a little over thirty-two million dollars.

Mr. Munro further elaborated that there were actually two separate awards to cover the project and that while it was awarded by one agency, it was from two separate funds. Mr. Munro stated that one award was for \$25 million at 3.56% interest rate with the balance of the loan at a 4.07% interest rate. Mr. Munro added that due to past loans through OWDA where ALRW has made on-time payments we were able to receive a discount on the \$25 million loan. Mr. Munro also added that payments on these loans will begin one year after the project is completed and ALRW will not begin paying on these until July of 2027. Mr. Munro stated that this timing will see two other loans closed out prior to beginning payments on these loans and that the net increase in our overall debt service will be very minimal.

Mr. Rush inquired if there was a reason why they only awarded the \$25 million at the lower interest rate. Mr. Munro responded that it is due to OWDA policy where they cap the discount to \$25 million and that they had called and asked him if he were agreeable to having two separate loans so that some of the award could be discounted.

Mr. Rush also inquired about how much GO (general obligation) debt that ALRW currently has. Mr. Munro deferred to Mr. Logan and he responded that there is approximately \$8.2 million dollars of debt payments due each year and that a very small amount of that is GO debt. Mr. Munro added that ALRW falls way below the average amount of debt that utilities in Ohio carry and stated that he is pleased with the organization's debt-to-income ratio.

Annual Step Increases

Mr. Munro informed the Board that per the Collective Bargaining Agreement, annual wage step increases are awarded to employees at the recommendation of their supervisors and become effective April 1st of each year. Mr. Munro stated that effective April 1, 2024, the following employees will see a step increase:

Heather Barnes, Cust. Serv. Rep. -	Step 5 to Step 6
Tim Bradley, Line Maint. Operator -	Step 5 to Step 6
Michael Clough, Plant Operator – WRF -	Step 6 to Step 7
Kameron Kuhl, Maint. Technician -	Step 6 to Step 7
Robin Liepold, Lab Chief Analyst -	Step 2 to Step 3
Vince Petrucelli, Maint. Technician -	Step 6 to Step 7
Rebecca Robertson, Cus. Svc. Rep. -	Step 6 to Step 7
Adam Schultz, Line Maint. Technician -	Step 1 to Step 2

Concrete Supply Bid

Mr. Yuronich informed the Board that each year the Engineering Services Department takes bids for all of the concrete and related supplies for any projects and that those have been received. Mr. Yuronich stated that bids were submitted from two suppliers and there is a recommended motion for the Board's consideration.

Mr. Dzwonczyk inquired what the percentage increase from the previous year's bids were. Mr. Munro stated that two years ago there was a bid of \$125/yard for the 4000psi, air-entrained

concrete and that it's increased about twenty percent since then. Mr. Munro added that when the concrete was poured for the additional storage building the concrete finishers working on that project were surprised by how low of a price ALRW was paying for concrete at that time. Mr. Munro stated that is a testament to the advantages of competitively bidding these materials and that there is money budgeted for the concrete work needed to finish the area behind that structure.

Mr. Rush inquired if Item 1E, Concrete, 4000psi, Non-Air-Entrained, Blend Stone, was crossed off before or after the bidding. Mr. Munro stated that it was crossed off ahead of time because that is not used in any of the projects and ALRW will not have a need for that material.

Mr. Rickey stated that given the fact that bids were all within a couple of dollars of each other that he feels ALRW is getting fair pricing on all of these materials.

Mr. Rush stated that he appreciates that staff is utilizing both vendors for the various mixtures so that we are always getting the best price. Mr. Munro added that there were situations where the awarded vendor had already committed to large pours and was unable to supply the material when needed and that there is language in the contracts that allow ALRW to utilize either company so as not to delay projects.

Mr. Dzwonczyk stated that he is grateful for Mr. Gaydar's detailed bidding.

Mrs. Schnabel moved, Mr. Rickey seconded, to authorize the CUE to execute contracts with Westview Concrete and Terminal Ready Mix, Inc. for the supply and delivery of concrete per the engineer's certified bid tabulation as presented.

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

Nays: None

Motion carried.

Project Updates

Power Plant Update: Mr. Yuronich stated that demolition continues on the north side of Lake Rd. and that the next significant milestone is the implosion of one of the larger smoke stacks and that is going to be in the early to middle of May. Mr. Yuronich informed the Board that ALERG will be in contact with ALRW staff as the date is finalized so that this organization is aware of these activities.

Mr. Yuronich informed the Board that he had researched a question from an earlier meeting regarding what happens when demolition reaches an area that may have asbestos that was not completely remediated such as when the double-walled boiler structures are demoed. Mr. Yuronich stated that ALERG utilizes a third-party asbestos remediation company and that included in that contract was a line-item that allows for further testing and removal of questionable material. Mr. Yuronich stated that when an area of concern is discovered that company is brought back in to isolate, test and if needed, further remediate any asbestos. Mr. Yuronich also added that the Ohio EPA has made nine surprise inspections and has yet to come across anything that was of concern with the work that has been taking place and to date approximately twenty-seven hundred pounds of asbestos contaminated material has been properly removed and disposed of appropriately.

ETL Design Services: Mr. Yuronich stated that the final version of the re-design for the 42-inch suction line is being completed by the Engineering Services staff. Mr. Yuronich stated that the negotiations with Railpros, the company that handles easements for Norfolk-Southern, had reached a stalemate and that staff does not want to delay the project any longer. Mr. Yuronich

informed the Board that Railpros would not budge from requiring \$80,000 for a twenty-year easement. Mr. Yuronich stated that Railpros would then require a non-negotiable renewal when the twenty years was up and that staff did not feel comfortable committing to this. Mr. Yuronich informed the Board that if the staff re-routes the suction line to cross at Miller Rd. in the public right-of-way it would only require a one-time fee of \$1800 to acquire a perpetual easement. Mr. Yuronich added that while there will be additional material costs associated with the redesign, staff feels that there will be a return-on-investment from choosing this option in a short amount of time. Mr. Yuronich stated that once the redesign is complete staff will begin working on any additional easements that will be needed along this route.

WFP Improvements: Mr. Yuronich informed the Board that with the funding secured for this project, the contract with Great Lakes Construction has been executed and staff is waiting on the return of the signed contract documents from Lycoming Supply. Mr. Yuronich stated that a notice-to-proceed document will be issued to Great Lakes Construction at the pre-construction meeting to be held on April 3, 2024.

Additional Storage Building: Mr. Yuronich stated that there was a punch list of five minor items for North Bay Construction and that a couple of those were completed earlier in the day. Mr. Yuronich added that SecuriTec was onsite finishing the final connections to the access control and it was anticipated that this project will be closed out at the April 2, 2024 Board meeting.

Mr. Dzwonczyk inquired if any vehicles had been washed yet and Mr. Munro stated that vehicles have been washed utilizing this equipment, but in a manual-mode. Mr. Munro also added that part of SecuriTec's work included the two-tiered pedestal that would allow drivers of any size vehicle to swipe their access cards from within the vehicle. Mr. Dzwonczyk asked staff to provide a video at the next meeting showing one of our vehicles being washed.

Inductively Coupled Plasma Mass Spectrometer (ICP): Mr. Yuronich stated that the WFP lab has begun being the sole tester of the wastewater and industrial samples. Mr. Yuronich stated that staff was comfortable with their ability to get consistent and accurate results compared to the third-party parallel testing that they had been performing and will no longer be sending these types of samples to an additional lab for confirmation. Mr. Yuronich informed the Board that the next step will be completing their initial display of competencies (IDOCs) that are required by the Ohio EPA prior to applying for certification to test drinking water. Mr. Yuronich stated that staff anticipates sending these IDOCs to the Ohio EPA by the beginning of April and scheduling their certification tests after the IDOCs have been accepted. Mr. Yuronich reiterated that staff is confident that this will proceed more quickly than the wastewater and industrial samples due to drinking water having much less variability in its composition.

Mr. Rickey inquired how long the ICP unit would serve the organization. Mr. Yuronich stated that ten to fifteen years is the typical life-span for this type of equipment. Mr. Rickey also inquired if ALRW staff would have to go through the same process at that time. Mr. Yuronich stated that it was such a lengthy process this time because staff had previously been certified on an atomic absorption analyzer and that the ICP utilizes a completely different process. Mr. Yuronich stated that if another ICP was purchased to replace the current one staff would not have to undertake recertification.

Mr. Rickey asked if ALRW performs any testing for other organizations. Mr. Yuronich stated that many of the bulk customers will bring their samples to the ALRW WFP for tests that the lab is certified to run. Mr. Yuronich added that all of the bulk customers will be bringing their lead and copper samples to ALRW for analysis which are tests that are specific to this piece of equipment.

SCADA Communications Upgrade: Mr. Yuronich stated that the fiber optic converters have been ordered to replace the units that had caused the failure. Mr. Yuronich informed the Board that staff has been working with both SOS and TMS to develop a complete overhaul of the SCADA system to detail additional upgrades that could increase the reliability of the system moving forward. Mr. Yuronich stated that once a plan has been fully developed staff will present this plan to the Board at a future meeting.

CUE/CUO Report

Mr. Munro reported on the contract with Lycoming Supply for the demolition work at the WFP. Mr. Munro stated that the owner had reached out to ALRW to state that they had not included the disposal of any hazardous materials in their bid nor could they provide a price for this work. Mr. Munro stated that there are areas of the WFP that include asbestos that will need to be remediated. Mr. Munro added that this work will not slow the improvements because the demolition work is contingent upon completion of the improvements before it can begin. Mr. Munro stated that staff plans to rebid the demolition. Mr. Yuronich stated that several areas of the demolition have already had a full hazardous materials assessment but there is one area that needs additional work. Mr. Munro informed the Board that once this assessment has been completed staff will rebid this portion of the project and also add the demolition of the Division Rd. water tower that needs to come down also to the scope of the demolition. Mr. Munro reiterated that this will not in any way slow the completion of the improvements portion of the project at the WFP. Mr. Munro stated that staff has already reached out to a company that performs this sort of work along with performing special inspections that will be needed for the rest of the improvement project such as concrete testing.

Mr. Dzwonczyk inquired if it made sense to reach out to the company that has been doing the asbestos abatement at the power plant site. Mr. Munro stated that this was definitely a possibility.

Mr. Rickey inquired if this would affect the financing that was already procured. Mr. Munro stated that money is only dispersed when work is completed so staff could simply mark the demolition work as “non-performed” and those funds would not be included in the loan amount. Mr. Munro also stated that the total cost of the demolition may not even have to be financed.

Mr. Munro informed the Board that there were several alternate bid items that were included in the bid documents that ultimately did not receive any bids. Mr. Munro stated that there were a couple of these bid items that were deemed high-priority bids such as the sealing and recoating of the clearwells and settling basins. Mr. Munro added that this was a project that staff had bid out a few years ago but the bids had come in well above the engineer’s estimate and were not awarded at that time so the decision was made to add them to this project as alternate bid items. Mr. Munro stated that while they were included in this bid package no bids were received and that staff had inquired why that was. Mr. Munro stated that a representative from Great Lakes Construction had informed staff that they have a company policy not to bid on alternate bid items due to company policy. Mr. Munro stated that Great Lakes Construction had previously bid on a very large project including several alternate bid items and was only awarded a \$50,000 surveying alternate bid at that time so their policy allows them to bid on the base project only. Mr. Munro stated that staff has spoken with Great Lakes Construction about these alternate bids and have provide proposals for performing this additional work. Mr. Munro stated that the proposals were very much in line with the engineer’s estimates and that these can be covered under the contingencies in the funding award as change-orders.

Mr. Munro informed the Board that part of the upgrades to the SCADA system at the WFP include constructing a dedicated server room to house all of the equipment. Mr. Munro stated

that some of the equipment is currently located in close proximity to the filters which allow the chlorine fumes to come into contact with the server hardware and is causing corrosion. Mr. Munro stated that this new server room will provide a dedicated HVAC that will prevent further degradation and provide complete isolation from adverse conditions.

Mr. Munro stated that at the March 11, 2024 Avon Lake City Council meeting the purchase of the coal pile property had its third reading and was unanimously approved by a 7-0 vote. Mr. Munro added that the property purchase agreement was fully executed on March 13, 2024 and this officially starts the ninety-day due diligence period. Mr. Munro stated that staff had previously been granted access to the property to begin additional sampling of the soils and that initial results have yet to reveal any unexpected results. Mr. Munro also added that he and Mr. Yuronich had met with Councilman Shamir the previous day to discuss concerns that he had along with providing some additional information that he had requested. Mr. Munro stated that according to the environmental consultant that was hired by ALRW, Verdantas, there have not been any concerns raised about the manner in which ALERG or ALRW is proceeding with the due diligence on the property purchase and that all results are showing that the process should proceed.

Mr. Munro informed the Board that Councilman Shamir had reached out to the OEPA regarding his concerns with the power plant property. Mr. Munro stated that he and Mr. Yuronich had been contacted by the OEPA and that the discussion with the OEPA was very productive and they did not see any concerns that had not already been addressed and are comfortable with the work that has been performed. Mr. Munro added that the OEPA mentioned that as with past dealings with ALRW they are comfortable with the manner in which we are proceeding. Mr. Munro stated that as we proceed and begin receiving additional data and the preliminary risk assessment back from Verdantas staff will present that to the Board.

Mr. Rickey inquired if we were still on schedule for this purchase and Mr. Munro stated that it was.

Mr. Dzwonczyk thanked Avon Lake City Council for approving this purchase in a timely manner to keep the project moving forward. Mr. Dzwonczyk also inquired if the Ohio EPA's visits to the power plant for asbestos related to the conversation that took place with the OEPA earlier in the day. Mr. Munro replied that the asbestos monitoring would have had OEPA staff from the Division of Air Quality while the staff members he and Mr. Yuronich had spoken with had been with the Division of Surface Water. Mr. Munro added that Mr. Gomes from the OEPA whom staff had spoken with earlier was involved with previous surveys of the WRF and was very familiar with the manner in which ALRW conducts itself and reiterated that the OEPA did not have concerns with how ALRW was proceeding with the property purchase.

Mr. Dzwonczyk inquired if there would be a sign-off from the OEPA in the manner of the storm water run-off. Mr. Munro stated that because the OEPA had already deemed the site void of industrial activity, they defer decisions on that to the local government and would have no further comments on the manner from them. Mr. Munro added that the City of Avon Lake had hired Brown and Caldwell to act as the City's engineers. Mr. Munro stated that Mr. Howard had a conflict of interest because Brown and Caldwell had prepared the storm water report for the power plant along with designing the tie-in for ALERG. Mr. Munro continued by stating that the former mayor, Mayor Zilka, had reached out to ALRW and asked if our engineer, Mr. Gaydar would review the plans for the City of Avon Lake and Mr. Munro had told him that he would. Mr. Munro also stated that our Engineering Services Department had overseen the construction of this work to prevent a conflict of interest and Mr. Gaydar had ensured that the plans were

followed. Mr. Munro stated again that the OEPA was comfortable with the work and had no issues or concerns.

Mr. Munro informed the Board that last week that he and others had met with Jim Zimenik, the director of the Lorain County Metroparks, regarding the ALRW purchase of property and the continued interest of installing a multi-purpose trail leading all the way to Lake Erie. Mr. Munro stated that it was a good meeting and they are very excited about working together.

Miscellaneous & Member Reports

Mr. Abram stated that he had attended the LORCO meeting and that the Eaton Crossing subdivision, located off of Route 82 behind the IGA store, had sold its last home in the first phase. Mr. Abram stated that phase 2 would now begin, consists of 45 homes, and is expected to be completed later this year. Mr. Abram stated the Ryan Homes is the developer and phase 3 is entering the design phase.

Mr. Dzwonczyk inquired how many homes are in the third phase. Mr. Abram estimated about another fifty homes which would bring the entire development to two hundred and twenty-five homes.

Mr. Dzwonczyk inquired how many taps total are now installed in the LORCO system. Mr. Munro stated that the additional two hundred or so taps would bring LORCO up to around 1600 taps. Mr. Dzwonczyk replied that the system should be getting closer to profitability and Mr. Munro confirmed that they are getting closer.

Mr. Dzwonczyk stated that he had attended the meeting with Mr. Zimenik of the Lorain County Metroparks and felt it was a very positive meeting and that there appeared to be a lot of excitement related to the future plans.

Public Speakers

None.

Executive Session

Mr. Rush moved, Mr. Abram seconded, to meet in executive session as allowed by ORC §121.22 (G)(1), (G)(2) and (G)(3) to discuss the purchase and/or sale of property for public purposes, and pending or imminent court actions and to include the CUE, the CUO, the Business and Financial Coordinator and a representative from Mansour Gavin.

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

Nays: None

Motion carried.

The Board entered Executive Session at 8:00 PM

The Board reconvened at 8:44 PM

Adjourn

As there was no further business, Mr. Abram moved, and Mr. Rickey seconded, to adjourn. The meeting adjourned at 8:44 PM.

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

Nays: None

Motion carried.

Approved April 2, 2024.

John Dzwonczyk, Chairman

Robert Munro, Clerk

DRAFT



AVON LAKE REGIONAL WATER
FUND 701 - WATER
MARCH 15 - MARCH 27, 2024
APRIL 2, 2024

Vendor	Amount	Description	GL Acct	GL Sum	YTD Transactions	Budget	% of Budget Remaining
1 Water Employees	\$ 64,893.39	Salaries PR Post BW 220246	51102	\$ 64,893.39	\$ 380,177.78	\$ 2,270,400.00	85.26%
2 Water Employees	\$ 291.41	Overtime Wages Plant PR Post BW 220246	51106.101	\$ 291.41	\$ 11,959.78	\$ 95,000.00	87.41%
3 Water Employees	\$ 378.85	Overtime Wages Admin PR Post BW 220246	51106.103	\$ 378.85	\$ 3,227.07	\$ 19,300.00	83.28%
4 Water Employees	\$ 253.67	Overtime Wages Construction PR Post BW 220246	51106.104	\$ 253.67	\$ 3,455.07	\$ 4,100.00	91.58%
5 Water Employees	\$ 691.37	Overtime Wages Office PR Post BW 220246	51106.105	\$ 691.37	\$ 4,227.45	\$ 14,600.00	71.04%
6 Water Employees	\$ 3,875.00	Uniform & Shoe Allowance PR Post BW 220246	52126	\$ 3,875.00	\$ 3,875.00	\$ 5,000.00	22.50%
7 Water Employees	\$ 482.07	MMO HRA Payment - Week Ending 03/15/2024	52203				
8 Water Employees	\$ 88.54	MMO SHARE Payment - Week Ending 03/15/2024	52203				
9 Medical Mutual	\$ 35,411.92	Hospitalization - April 2024 - Group #542235-200	52203				
10 Water Employees	\$ 3,524.27	Hospitalization PR Post BW 220246	52203				
11 Water Employees	\$ (1,250.16)	Hospitalization PR Post BW 220246	52203				
12 Medical Mutual	\$ 374.85	Group Life - April 2024 - Group #542235-200	52204	\$ 38,256.64	\$ 165,906.68	\$ 589,900.00	71.88%
13 Ohio Public Employees Retirement System	\$ 9,262.25	OPERS - EMPLOYEE - OPERS Pension - Employee Share*	52209	\$ 9,262.25	\$ 60,611.59	\$ 343,200.00	67.21%
14 Internal Revenue Service	\$ 1,040.85	Medicare - FEDERAL - Federal Taxes*	52212	\$ 1,040.85	\$ 6,309.61	\$ 35,600.00	82.28%
15 Cintras Corporation	\$ 631.85	Mat Rental & Clothing Svc - February 2024 - GY 1/4	52226	\$ 757.54	\$ 1,652.67	\$ 14,000.00	88.20%
16 Huntington National Bank	\$ 125.69	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	52226	\$ 137.00	\$ 473.50	\$ 1,500.00	68.43%
17 USA Mobile Drug Testing of Northeast Ohio Corp	\$ 137.00	Pre-Employment Drug Testing - B. Brown 12/27/23 - GY	53006				
18 Huntington National Bank	\$ 70.00	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53500				
19 Huntington National Bank	\$ 493.46	Charges on MC - February 2024 - ASCE Renew, Tags - JRG-E	53500				
20 Huntington National Bank	\$ 45.86	Charges on MC - February 2024 - EPA Renew, Printer, Ribbon - JRGW	53500				
21 Fedex Corp	\$ 39.62	Shipping Charges - Locoming Contract 3/13/24 - JRG-E	53602	\$ 609.32	\$ 4,904.68	\$ 17,000.00	71.15%
22 Huntington National Bank	\$ 54.55	Charges on MC - February 2024 - EPA Renew, Printer, Ribbon - JRGW	53602				
23 Huntington National Bank	\$ 9.99	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53602				
24 Link Computer Corporation	\$ 5,560.84	Muni-Link Billing - March & April 2024 - WDL 1/3	53602				
25 Muntlemann Press	\$ 239.56	Off Spl - Red Shut Off Door Hangers, Comp Time Slips - GY 1/2	53602				
26 SmartBill Inc	\$ 840.00	Off Spl - Spring Waterline, Understanding Insert 3/21/24 - GY 1/2	53602				
27 Springbrook Holding Company LLC	\$ 1,986.52	Standard Professional Svcs 3/18/24 - WDL 1/2	53602				
28 W.B. Mason Co., Inc.	\$ 88.96	Off Spl - Printer Ink, Page Protectors 3/18/24 - GY 1/2	53602	\$ 8,820.04	\$ 18,702.55	\$ 94,900.00	80.29%
29 Core & Main LP	\$ 168.75	Eap Mnt - Reed Socket Set for Truck 22-2 3/11/24 - GY 1/2	53607				
30 Rexel, Inc.	\$ 244.79	Eap Mnt - Fankit Upgrade 3/4/24 - JRG-W	53607	\$ 864.73	\$ 18,820.50	\$ 105,700.00	82.19%
31 Huntington National Bank	\$ 453.19	Charges on MC - February 2024 - SENS Control Board Assem - GY	53611	\$ 40,639.03	\$ 243,035.20	\$ 1,434,700.00	83.06%
32 USALCO, LLC Inc.	\$ 40,639.03	Op Spl - Alum 2/29/24 - JRG-W	53611				
33 Lowe's	\$ 499.30	Mnt Spl - February 2024 - GY 1/2	53612.001				
34 Huntington National Bank	\$ 420.88	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53612.001				
35 Huntington National Bank	\$ 417.55	Charges on MC - February 2024 - EPA Renew, Printer, Ribbon - JRGW	53612.001				
36 Huntington National Bank	\$ 6.47	Charges on MC - February 2024 - ASCE Renew, Tags - JRG-E	53612.001	\$ 1,344.20	\$ 47,254.04	\$ 166,200.00	71.57%
37 Discount Drug Mart Inc	\$ 83.89	Mnt Spl - February 2024 - GY 1/2	53612.004				
38 Westview Concrete Corporation	\$ 1,596.45	Concrete Repair - Wa. Break @ 32845 Lake Rd 3/7/24 - GY	53612.004				
39 Westview Concrete Corporation	\$ 301.53	Concrete Repair - Lime Stone 2/29/24 - GY	53612.004	\$ 2,070.82	\$ 17,614.66	\$ 28,300.00	37.76%
40 Kurtz Bros., Inc.	\$ 88.95	Mnt Spl - Winter Blend Top Soil 3/15/24 - GY	53612.004				
41 Ferguson Waterworks	\$ 100,200.00	Meters - 5/8"x3/4" Sonata Allegro (300) 2/28/24 - GY	53612.005	\$ 100,200.00	\$ 159,624.23	\$ 606,400.00	73.68%
42 Fisher Scientific Inc	\$ 117.93	Lab Spl @ WFP 3/6/24 - JRG-W	53613				
43 Alloway Corp	\$ 25.00	Lab Analysis @ WFP 3/20/24 - JRG-W	53613	\$ 142.93	\$ 25,739.34	\$ 93,700.00	72.53%
44 Huntington National Bank	\$ 897.01	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53701	\$ 1,234.51	\$ 31,872.79	\$ 121,400.00	73.75%
45 Link Computer Corporation	\$ 337.50	Muni-Link Data Extraction 2/5/24 - WDL 1/3	53701	\$ 334.34	\$ 1,370.31	\$ 4,800.00	71.45%
46 U.S. Bank Equipment Finance Inc	\$ 334.34	Mat Rental & Clothing Svc - February 2024 - GY 2/4	53701.001	\$ 334.34	\$ 1,370.31	\$ 4,800.00	71.45%
47 Cintras Corporation	\$ 256.05	Cnt Svc - Social Media Management 3/1/24 - GY 1/2	53701.002	\$ 2,006.05	\$ 46,690.15	\$ 184,600.00	74.71%
48 Lemmon Stitch Media LLC	\$ 1,750.00	Cnt Svc - Social Media Management 3/1/24 - GY 1/2	53701.002	\$ 2,006.05	\$ 46,690.15	\$ 184,600.00	74.71%
49 Columbia Gas	\$ 1,222.13	gas svc @ 33370 Lake Rd - WFP 2/19/24-3/19/24 - GY	53702.001	\$ 1,222.13	\$ 6,152.45	\$ 12,500.00	50.78%
50 Columbia Gas	\$ 584.28	gas svc @ 33370 Lake Rd - Garage 2/19/24-3/19/24 - GY	53702.002				
51 Columbia Gas	\$ 94.62	gas svc @ 33370 Lake Rd - WFP Aux 2/19/24-3/19/24 - GY	53702.002				
52 Columbia Gas	\$ 77.07	gas svc @ 92 Moore Rd 2/19/24-3/19/24 - GY	53702.002				
53 Columbia Gas	\$ 80.28	gas svc @ 33399 Lake Rd SIP Bldg 2/19/24-3/19/24 - GY	53702.002	\$ 836.25	\$ 10,720.97	\$ 17,600.00	39.09%
54 Engie Resources	\$ 1,869.58	elec svc charge @ 33370 Lake Rd - March 2024 - GY	53703.001				
55 Illuminating Company	\$ 15,633.73	elec svc charge @ 33370 Lake Rd 2/15/24-3/15/24 - GY	53703.001	\$ 17,603.31	\$ 142,710.83	\$ 554,000.00	74.24%
56 Illuminating Company	\$ 8,192.36	elec svc/pay plan @ 33660 Walker (Whr Twr) 2/4/24-3/7/24 - GY	53703.002				

7	Illuminating Company	\$ 6,075.09	elec svc @ 33385 Lake Rd SIP Bldg 2/5/24-3/5/24 - GY	53703.002						
8	Illuminating Company	\$ 358.40	elec svc @ 201 Miller Rd - Storage Bldg 2/15/24-3/18/24 - GY 1/2	53703.002		\$ 14,625.85	\$ 35,496.08	\$ 451,100.00	\$ 451,100.00	92.13%
9	Greg Yurovich	\$ 25.00	Reimbursement for Cell Phone - March 2024 - RKM 1/2	53705		\$ 25.00	\$ 3,902.93	\$ 25,300.00	\$ 25,300.00	84.57%
0	Sherwin Williams Company Inc	\$ 56.81	Bldg Mnt - Paint Supplies for Old Eng. Office - GY 1/2	53708		\$ 56.81	\$ 5,466.24	\$ 67,900.00	\$ 67,900.00	91.95%
1	Northcoast Flooring Solutions LLC	\$ 575.95	Bldg Mnt - Carpet for Old Eng. Office (2nd Hall) 2/28/24 - JRG-E 1/2	53708.001						
2	Huntington National Bank	\$ 26.50	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53708.001		\$ 602.45	\$ 10,471.74	\$ 42,500.00	\$ 42,500.00	75.36%
3	Ball Chemical & Equipment Company	\$ 799.55	Bldg Mnt - Repair to Nobles SSS Scrubber 3/18/24 - GY 1/2	53708.003		\$ 799.55	\$ 2,253.38	\$ 44,700.00	\$ 44,700.00	94.96%
4	Arthur J. Gallagher Risk Management Services Inc.	\$ 184.50	Additional Insurance Premium - GapVax Vector Truck 2/16/24 - GY 1/2	53710						
5	Arthur J. Gallagher Risk Management Services Inc.	\$ 250.50	Ins. Premium Renewal - 2023 Atlas Copco Air Compressor - WDL 1/2	53710		\$ 535.00	\$ 535.00	\$ 72,500.00	\$ 72,500.00	99.26%
6	CNA Surety	\$ 100.00	Cnt Svc - Insurance Bond - B. Logan, M. Howell 3/15/24 - WDL 1/2	53710						
7	Ulme	\$ 1,379.37	Off Eqp - Office Chairs (12) 3/6/24 - RKM 1/2	53804.002						
8	National Business Furniture, LLC	\$ 594.74	Off Eqp - Flip Top Tables (2) 3/18/24 - RKM 1/2	53804.002		\$ 1,974.11	\$ 1,974.11	\$ 15,000.00	\$ 15,000.00	86.84%
9	Kate O'Dell	\$ 6,023.10	Refund for Overpayment of Tap Fees - 119 Cove - WDL	53901		\$ 6,023.10	\$ 6,525.02	\$ 6,000.00	\$ 6,000.00	-8.75%
0	Seeley, Savidge, Ebert & Gourash Co., LPA	\$ 5,642.00	Legal Fees - Property Acquisition 3/18/24 - RKM 1/2	53907.002						
1	Seeley, Savidge, Ebert & Gourash Co., LPA	\$ 3,118.50	Legal Fees - General Matters 3/18/24 - RKM 1/2	53907.002		\$ 8,760.50	\$ 24,063.25	\$ 47,300.00	\$ 47,300.00	49.13%
2	Transfer to WDS	\$ 860,000.00	To record transfers for ALRW - Transfer to WDS - CH	59704		\$ 860,000.00	\$ 860,000.00	\$ 3,665,000.00	\$ 3,665,000.00	76.53%
		\$ 1,191,542.85				\$ 1,191,542.85				



FUND 721 - WASTEWATER
MARCH 15 - MARCH 27, 2024
APRIL 2, 2024

Vendor	Amount	Description	GL Acct	GL Sum	YTD Transactions	Budget	% of Budget Remaining
1 Wastewater Employees	\$ 66,865.04	Salaries PR Post BW 220246	51102	\$ 66,865.04	\$ 399,086.32	\$ 1,757,900.00	77.30%
2 Wastewater Employees	\$ 1,371.50	Part Time Wages PR Post BW 220246	51105	\$ 1,371.50	\$ 8,378.50	\$ 55,800.00	84.98%
3 Wastewater Employees	\$ 817.98	Overtime Wages Plant PR Post BW 220246	51106.101	\$ 817.98	\$ 10,811.78	\$ 69,000.00	84.33%
4 Wastewater Employees	\$ 239.08	Overtime Wages Admin PR Post BW 220246	51106.103	\$ 239.08	\$ 2,807.81	\$ 19,200.00	85.38%
5 Wastewater Employees	\$ 351.15	Overtime Wages Construction PR Post BW 220246	51106.104	\$ 351.15	\$ 442.54	\$ 9,400.00	95.29%
6 Wastewater Employees	\$ 230.46	Overtime Wages Office PR Post BW 220246	51106.105	\$ 230.46	\$ 1,409.16	\$ 6,000.00	76.51%
7 Wastewater Employees	\$ 3,875.00	Uniform & Shoe Allowance PR Post BW 220246	52126	\$ 3,875.00	\$ 3,875.00	\$ 6,500.00	40.38%
8 Wastewater Employees	\$ 727.46	MMO HRA Payment - Week Ending 03/15/2024	52203				
9 Medical Mutual	\$ 31,719.25	Hospitalization - April 2024 - Group #542235-200	52203				
10 Wastewater Employees	\$ 3,524.23	Hospitalization PR Post BW 220246	52203	\$ 3,524.23	\$ 179,171.13	\$ 632,000.00	71.65%
11 Wastewater Employees	\$ (1,592.08)	Hospitalization PR Post BW 220246	52203	\$ (1,592.08)	\$ 1,418.30	\$ 5,000.00	71.63%
12 Medical Mutual	\$ 356.80	Group Life - April 2024 - Group #542235-200	52204	\$ 356.80	\$ 66,842.22	\$ 271,300.00	75.36%
13 Ohio Public Employees Retirement System	\$ 9,733.48	OPERS - EMPLOYEE - OPERS Pension - Employee Share*	52209	\$ 9,733.48	\$ 6,911.75	\$ 28,100.00	75.40%
14 Internal Revenue Service	\$ 1,082.53	Medicare - FEDERAL - Federal Taxes*	52212	\$ 1,082.53			
15 Cintas Corporation	\$ 250.08	Mat Rental & Clothing Svc - February 2024 - GY 3/4	52226	\$ 250.08	\$ 1,270.89	\$ 20,100.00	93.68%
16 Huntington National Bank	\$ 125.89	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	52226	\$ 125.89	\$ 1,273.95	\$ 20,000.00	93.63%
17 Huntington National Bank	\$ 70.00	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53500	\$ 70.00			
18 Huntington National Bank	\$ 493.45	Charges on MC - February 2024 - ASCE Renew, Tags - JRG-E	53500	\$ 493.45			
19 MinuteMan Press	\$ 239.56	Off Spl - Red Shut Off Door Hangers, Comp Time Slips - GY 2/2	53602	\$ 239.56			
20 Link Computer Corporation	\$ 1,853.80	Muni-Link Billing - March & April 2024 - WDL 2/3	53602	\$ 1,853.80			
21 Huntington National Bank	\$ 10.00	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53602	\$ 10.00			
22 Huntington National Bank	\$ 29.98	Charges on MC - February 2024 - Thermostat, Furnace Amp - RH	53602	\$ 29.98			
23 SmartBill Inc	\$ 280.00	Off Spl - Spring Waterline, 'Understanding' Insert 3/21/24 - GY 2/2	53602	\$ 280.00			
24 Springbrook Holding Company LLC	\$ 662.18	Standard Professional Svcs 3/18/24 - WDL 2/3	53602	\$ 662.18			
25 W.B. Mason Co., Inc.	\$ 88.95	Off Spl - Printer Ink, Page Protectors 3/18/24 - GY 2/2	53602	\$ 88.95	\$ 3,164.27	\$ 50,000.00	83.70%
26 City Hall	\$ 20,856.81	Act Correction - Pepco Invoices - 2024	53607	\$ 20,856.81			
27 Core & Main LP	\$ 166.75	Equip Mnt - Reed Socket Set for Truck 22-2 3/11/24 - GY	53607	\$ 166.75	\$ 21,031.67	\$ 150,000.00	74.34%
28 Huntington National Bank	\$ 8.11	Charges on MC - February 2024 - Thermostat, Furnace Amp - RH	53611	\$ 8.11	\$ 24,281.10	\$ 489,100.00	84.60%
29 Polydyne, Inc	\$ 24,281.10	Op Spl - Polymer 3/19/24 - RH	53612	\$ 24,281.10	\$ 75,328.52	\$ 489,100.00	84.60%
30 Zero Tools Inc	\$ 44.80	Mnt Spl - Photocontrol Boxes (4) 3/19/24 - RH	53612	\$ 44.80	\$ 1,733.55	\$ 22,600.00	92.33%
31 Grainger	\$ 992.21	Mnt Spl - Relief Kit, Relief Valve, Repair Kit, Time Delay Relay - RH	53612.001	\$ 992.21			
32 Huntington National Bank	\$ 26.99	Charges on MC - February 2024 - Thermostat, Furnace Amp - RH	53612.001	\$ 26.99			
33 Huntington National Bank	\$ 420.88	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53612.001	\$ 420.88			
34 Huntington National Bank	\$ 6.48	Charges on MC - February 2024 - ASCE Renew, Tags - JRG-E	53612.001	\$ 6.48			
35 Huntington National Bank	\$ 76.93	Charges on MC - February 2024 - EPA Renew, Printer Ribbon - JRGW	53612.001	\$ 76.93			
36 Lowe's	\$ 674.15	Mnt Spl - February 2024 - GY 2/2	53612.001	\$ 674.15			
37 Mcmaster-Carr	\$ 413.87	Mnt Spl - NFPA Diamond Sign, 3" Number Set, Air Hose - RH	53612.004	\$ 413.87	\$ 2,811.51	\$ 39,100.00	73.10%
38 Discount Drug Mart Inc	\$ 53.18	Mnt Spl - February 2024 - GY 2/2	53612.004	\$ 53.18	\$ 3,631.75	\$ 16,600.00	78.12%
39 Idexx Distribution, Inc.	\$ 1,027.07	Lab Spl @ WRF 3/19/24 - RH	53613	\$ 1,027.07	\$ 3,035.07	\$ 39,400.00	96.25%
40 Alloway Corp	\$ 2,008.00	Lab Analysis @ WRF - RH	53701	\$ 2,008.00	\$ 25,117.21	\$ 39,400.00	96.25%
41 Link Computer Corporation	\$ 112.50	Muni-Link Data Extraction 2/5/24 - WDL 2/2	53701	\$ 112.50			
42 Huntington National Bank	\$ 897.01	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53701.001	\$ 897.01	\$ 25,594.28	\$ 96,200.00	73.39%
43 U.S. Bank Equipment Finance Inc	\$ 334.35	Crt Svc - Xerox Copier Leases 3/8/24 - WDL 2/2	53701.002	\$ 334.35	\$ 1,370.32	\$ 7,000.00	80.42%
44 Kimble Recycling & Disposal	\$ 725.00	Crt Svc - Front Load Container 3/1/24 - RH	53701.002	\$ 725.00			
45 Cintas Corporation	\$ 309.32	Mat Rental & Clothing Svc - February 2024 - GY 4/4	53701.002	\$ 309.32			
46 SOS Integration Services Corp	\$ 600.00	On Site Svc @ WRF 3/18/24 - RH	53701.002	\$ 600.00			
47 Lemon Stitch Media LLC	\$ 1,750.00	Crt Svc - Social Media Management 3/1/24 - GY 2/2	53701.002	\$ 1,750.00	\$ 3,384.32	\$ 174,400.00	85.54%
48 Columbia Gas	\$ 2,293.75	gas svc @ 33675 Durrell 3/11/24 - GY	53702.001	\$ 2,293.75	\$ 25,218.72	\$ 174,400.00	85.54%
49 IGS Energy	\$ 8,562.84	gas svc charge @ 33675 Durrell - February 2024 - GY	53702.001	\$ 8,562.84	\$ 31,955.08	\$ 96,200.00	66.78%
50 Columbia Gas	\$ 47.65	gas svc @ 32789 Lake Rd - Center Rd PS 2/19/24-3/19/24 - GY	53702.003	\$ 47.65	\$ 486.59	\$ 2,600.00	81.29%
51 Illuminating Company	\$ 358.40	elec svc @ 201 Miller Rd - Storage Bldg 2/15/24-3/18/24 - GY 2/2	53703.002	\$ 358.40	\$ 1,095.95	\$ 2,500.00	56.16%
52 Illuminating Company	\$ 901.02	elec svc @ 32789 Lake Rd PS 2/5/24-3/4/24 - GY	53703.003	\$ 901.02	\$ 8,444.78	\$ 49,400.00	82.91%
53 Greg Yuronich	\$ 25.00	Reimbursement for Cell Phone - March 2024 - RKM 2/2	53705	\$ 25.00	\$ 3,970.82	\$ 26,100.00	84.79%
54 Sherwin Williams Company Inc	\$ 56.81	Bldg Mnt - Paint Supplies for Old Eng. Office 3/15/24 - GY 2/2	53708	\$ 56.81	\$ 4,751.25	\$ 73,200.00	93.51%
55 Northcoast Flooring Solutions LLC	\$ 575.95	Bldg Mnt - Carpet for Old Eng. Office (2nd Hall) 2/28/24 - JRG-E 2/2	53708.001	\$ 575.95			
56 Huntington National Bank	\$ 26.50	Charges on MC - February 2024 - Woodshop Supplies, Zip Rec - RKM	53708.001	\$ 26.50			

7	Huntington National Bank	\$	454.78	Charges on MC - February 2024 - Thermostat, Furnace Amp - RH	53708 001	\$	1,057.23	\$	2,565.69	\$	2,700.00	4.97%
8	Balf Chemical & Equipment Company	\$	799.55	Blgd Mnt - Repair to Nobles SSS Scrubber 3/18/24 - GY	53708 003	\$	799.55	\$	2,100.38	\$	16,200.00	87.03%
9	Arthur J. Gallagher Risk Management Services Inc.	\$	184.50	Additional Insurance Premium - GapVax Vector Truck 2/16/24 - GY 2/2	53710							
0	CNA Surety	\$	100.00	Crit Svc - Insurance Bond - B. Logan, M. Howell 3/15/24 - WDL 2/2	53710							
1	Arthur J. Gallagher Risk Management Services Inc.	\$	250.50	Ins. Premium Renewal - 2023 Alias Copco Air Compressor - WDL 2/2	53710	\$	535.00	\$	535.00	\$	50,200.00	98.93%
2	City Hall	\$	(20,856.81)	Acct Correction - Pepco Invoices - 2024	53804	\$	(20,856.81)	\$	2,416.38	\$	2,400.00	-0.68%
3	Uline	\$	1,379.37	Off Eqp - Office Chairs (12) 3/6/24 - RKM 2/2	53804 002							
4	National Business Furniture, LLC	\$	594.74	Off Eqp - Flip Top Tables (2) 3/18/24 - RKM 2/2	53804 002	\$	1,974.11	\$	1,974.11	\$	15,000.00	66.84%
5	Hill, Ryan	\$	587.00	Reimbursement - Accidental Charges on Personal CC - GY	53901	\$	587.00	\$	1,483.97	\$	5,000.00	70.32%
6	Seeley, Sawidge, Ebert & Gourash Co., LPA	\$	5,642.00	Legal Fees - Property Acquisition 3/18/24 - RKM 2/2	53907 002							
7	Seeley, Sawidge, Ebert & Gourash Co., LPA	\$	3,118.50	Legal Fees - General Matters 3/18/24 - RKM 2/2	53907 002	\$	8,760.50	\$	22,993.25	\$	84,400.00	72.76%
8	Transfer to SDSR	\$	1,174,940.00	To record transfers for ALRW - to SDSR - CH	59708	\$	1,174,940.00	\$	1,174,940.00	\$	2,986,500.00	60.66%
		\$	1,359,232.93			\$	1,359,232.93					



FUND 703 - ETL1
MARCH 15 - MARCH 27, 2024
APRIL 2, 2024

Vendor	Amount	Description	G/L Acct	G/L Sum	YTD Transactions	Budget	% of Budget Remaining
1 Core & Main LP	\$ 3,058.00	ETLs - 36" Hymax Coupling 3/13/24 - GY 1/2	53612.002	\$ 3,058.00	\$ 3,058.00	\$ 150,000.00	97.96%
2 Kendera Enterprises Inc.	\$ 3,055.00	Repairs - ETL Break Repairs - Jaycox 3/1/24 - GY	53701.002	\$ 3,055.00	\$ 11,059.34	\$ 100,175.00	88.96%
3 Illuminating Company	\$ 11,148.27	elec svc @ 800 Moore Rd 2/6/24-3/6/24 - GY	53703.003	\$ 12,457.77	\$ 62,107.49	\$ 275,384.00	77.45%
4 Engle Resources	\$ 1,309.50	elec svc charge @ 800 Moore Rd - March 2024 - GY	53703.003	\$ 18,570.77			

FUND 762 - ETL2
MARCH 15 - MARCH 27, 2024
APRIL 2, 2024

Vendor	Amount	Description	G/L Acct	G/L Sum	YTD Transactions	Budget	% of Budget Remaining
1 Core & Main LP	\$ 3,058.00	ETLs - 36" Hymax Coupling 3/13/24 - GY 2/2	53612.002	\$ 3,058.00	\$ 12,717.42	\$ 88,572.00	85.64%
2 Illuminating Company	\$ 3,042.26	elec svc @ 800 Moore Rd Rear Upper 2/7/24-3/7/24 - GY	53703.003				
3 Lorain Medina Rural Electric Corp	\$ 440.60	elec svc @ Splieth Rd 1/23/24-2/23/24 - GY	53703.003	\$ 3,482.86	\$ 87,330.04	\$ 425,000.00	84.16%
	\$ 6,540.86			\$ 6,540.86			

FUND 749 - LORCO
MARCH 15 - MARCH 27, 2024
APRIL 2, 2024

Vendor	Amount	Description	G/L Acct	G/L Sum	YTD Transactions	Budget	% of Budget Remaining
1 Link Computer Corporation	\$ 50.00	Muni-Link Data Extraction 2/5/24 - WDL 3/3	53701	\$ 50.00	\$ 3,816.59	\$ 34,000.00	88.77%
2 Illuminating Company	\$ 94.24	elec svc @ 33678 Walker Rd 2/4/24-3/7/24 - GY	53703.002	\$ 94.24	\$ 301.19	\$ 1,122.00	73.16%
3 Lorain Medina Rural Electric Corp	\$ 131.35	elec svc @ Banks Rd 1/23/24-2/23/24 - GY	53703.003				
4 Lorain Medina Rural Electric Corp	\$ 179.20	elec svc @ Indian Hollow Rd 1/23/24-2/23/24 - GY	53703.003				
5 Lorain Medina Rural Electric Corp	\$ 185.96	elec svc @ 36879 Capel Rd 1/23/24-2/23/24 - GY	53703.003				
6 Lorain Medina Rural Electric Corp	\$ 90.31	elec svc @ Durkee S 1/23/24-2/23/24 - GY	53703.003				
7 Lorain Medina Rural Electric Corp	\$ 300.38	elec svc @ Durkee N 1/23/24-2/23/24 - GY	53703.003				
8 Lorain Medina Rural Electric Corp	\$ 105.94	elec svc @ 12601 Cowley Rd 1/23/24-2/23/24 - GY	53703.003				
9 Lorain Medina Rural Electric Corp	\$ 125.31	elec svc @ Silfe Rd 1/23/24-2/23/24 - GY	53703.003	\$ 1,118.45	\$ 5,553.46	\$ 20,196.00	72.50%
10 Rural Lorain County Water Authority	\$ 102.25	Water Used @ 38393 Royaltan 2/12/24-3/4/24 - GY	53754				
11 Rural Lorain County Water Authority	\$ 56.55	Water Used @ 9871 Avon Belden 2/12/24-3/4/24 - GY	53754	\$ 158.80	\$ 632.28	\$ 40,000.00	98.42%
12 Springbrook Holding Company LLC	\$ 294.30	Standard Professional Svcs 3/18/24 - WDL 3/3	53760				
13 Link Computer Corporation	\$ 823.82	Muni-Link Billing - March & April 2024 - WDL 3/3	53760	\$ 1,118.12	\$ 8,637.07	\$ 35,000.00	75.32%
14 LORCO	\$ 56.24	Refund - LORCO 2 Payment Comb'd with LORCO 1 by DDM 3/13/24 - GY	53901				
15 LORCO	\$ 5,261.16	Reimburse Billing Payments to LORCO 2 - February 2024 - GY	53901	\$ 5,317.40	\$ 21,268.25	\$ 30,000.00	29.11%
16 Transfer to Sewer Debt Service	\$ 825,060.00	To record transfers for ALRW - Transfer to Sewer Debt Service - CH	59706	\$ 825,060.00	\$ 825,060.00	\$ 1,650,120.00	50.00%
	\$ 832,917.01			\$ 832,917.01			

FUND 704 - WATER CONSTRUCTION
MARCH 15 - MARCH 27, 2024
APRIL 2, 2024

Vendor	Amount	Description	G/L Acct	G/L Sum	YTD Transactions	Budget	% of Budget Remaining
1 North Bay Construction, Inc.	\$ 368.70	Storage Bldg - Generator Receptacle Replacement 3/11/24 - JRG-E 1/2	55003	\$ 368.70	\$ 187,663.06	\$ 500,000.00	62.47%
2 Core & Main LP	\$ 316.50	2024 Project Bundle - 1" Meter Idlers (6) 3/19/24 - JRG-E	55007	\$ 316.50	\$ 56,374.70	\$ 1,000,000.00	94.36%
	\$ 685.20			\$ 685.20			

FUND 724 - WASTEWATER CONSTRUCTION
MARCH 15 - MARCH 27, 2024
APRIL 2, 2024

Vendor	Amount	Description	G/L Acct	G/L Sum	YTD Transactions	Budget	% of Budget Remaining
1 North Bay Construction, Inc.	\$ 368.70	Storage Bldg - Generator Receptacle Replacement 3/11/24 - JRG-E 2/2	55003	\$ 368.70	\$ 187,663.05	\$ 500,000.00	62.47%
	\$ 368.70			\$ 368.70			



THE GREAT LAKES CONSTRUCTION CO.

March 7, 2024

Avon Lake Regional Water
Attn: Jack Gaydar, P.S., P.E., M.ASCE, CESSWI, CPESC, CPO
201 Miller Road
Avon Lake, Ohio 44012

RE: Avon Lake WFP Improvements – Alternate 6 Rehabilitate Concrete Coatings

Dear Mr. Gaydar,

We are pleased to provide the following proposal for the above referenced project. Our proposal is based on the following clarifications:

General Conditions:

1. Proposal firm for 30 days.
2. Proposal is based on Drawing Sheets AB6-1 thru AB6-4, Specification "Bid Item 12 – Alternate 6 – Rehabilitate Concrete Coatings", and Dixon Engineering Structural Inspection Report dated 10/28/19 (provided via. email).
3. Work is anticipated to be completed in 2024.
4. The warranty begins upon completion of this Alternate work scope, as proved in the progress payments. Retainage will be released upon acceptance of this Alternate work scope.
5. It is anticipated that product data will be approved under the first submission for the systems proposed herein.

Included:

1. Removal of existing traffic coating and replacing with Neogard coating and joint sealant system. This system will be installed by an approved applicator and offers a 5-year warranty. Product Manual, Data Sheets, Applicator Approval, and Sample Warranty are attached.
2. Concrete repairs in area A3 and A4 at locations of spalled concrete between roof hatches – (2) locations, 54"x6" and 42"x6", at 3" max depth.
3. Concrete repair in area A3 at roof expansion joint failure. Includes repairing an area up to 9'x4' x 7" max. depth, along with replacing expansion joint material, waterstop, and rebar that may be encountered within these limits.
4. Remove existing EPDM expansion joint flashing and replace with the Johns Manville Expand-O-Flash system. Includes installing a layer of tapered cedar siding as wood blocking under the flashing to create a positive slope from the expansion joint towards the roof
5. All products will be installed per manufacturer's published instructions and details.

Excluded:

1. Hazardous or contaminated materials removal or disposal.
2. Additional concrete repairs not specifically quantified above.
3. Any work inside of the tanks and structures.
4. Structural inspection of the entire roof area post coating removal
5. GLC takes exception to Information To Bidders, Section "Alternate Bid Item Start Times & Substantial Completion", Item h) "Bid item 12, Alternate 6: Work shall begin immediately after the Notice to Proceed; Substantial Completion deadline of ninety (90) days." Work to be performed as noted above without penalty, due to phasing of the work and taking into account crew availability and weather conditions.

Lump Sum Price: \$643,299.00

We appreciate this opportunity to provide you with a price for this work. If you have any questions or require additional information, please do not hesitate to contact me at 330-220-3933 or jnader@greatlakesway.com.

Sincerely,

THE GREAT LAKES CONSTRUCTION CO.

Julianne Nader, P.E., LEED AP BD+C
Director of Water and Wastewater Treatment



March 07, 2024

Avon Lake Regional Water
Attn: Jack Gaydar, P.S., P.E., M.ASCE, CESSWI, CPESC, CPO
201 Miller Road
Avon Lake, Ohio 44012

RE: Avon Lake WFP Improvements – Alternate 8 Wash Water Improvements

Dear Mr. Gaydar,

We are pleased to provide the following proposal for the above referenced project. Our proposal is based on the following clarifications:

General Conditions:

1. Proposal firm for 30 days.
2. The warranty begins upon completion of this Alternate work scope, as proved in the progress payments. Retainage to be released upon acceptance of this Alternate work scope.
3. Proposal is based on Drawing Sheets AB8-1 thru AB8-5 and Specification "Bid Item 14 – Alternate 8 -Wash Water Improvements".
4. Work is anticipated to be completed in 2025 due to the approximate 44 week fabrication lead time for the Pratt 30" motor actuated valve, upon approval of submittal and release.
5. It is anticipated that valve and pipe shop drawings and product data will be approved under the first submission.
6. Final tie-in(s) to be completed in an allotted 24-hr shutdown per Tapping Procedure Note #6 on Sheet AB8-2 Revision A2, issued with Addendum No. 4.

Included:

1. Interconnection of the Filter Wash Water header with the Central High Service header per the above-mentioned documents.
2. Removal and re-installation of existing grating as needed for access.
3. Interconnection utilizing Weld-On Tapping Sleeves or Mechanically Connected Tapping Sleeves as allowed per Avon Lake e-mail response to GLC questions on 2/21/24 at 2:09 PM.
4. Installation of concrete pipe supports as shown on drawings.
5. Power to Valve Actuator utilizing available power source within 100-feet of the valve.

Excluded:

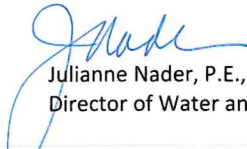
1. Hazardous or contaminated materials removal or disposal.
2. Integration of Valve with Plant SCADA.
3. Remote Valve Control Station. Valve to be operated locally.
4. GLC takes exception to Information To Bidders, Section "Alternate Bid Item Start Times & Substantial Completion", Item j) "Bid item 14, Alternate 8, Washwater Imp.: Work shall begin immediately after the Notice to Proceed; Substantial Completion deadline of ninety (90) days." Work to be performed as noted above without penalty.

Lump Sum Price: \$ 366,717.00

We appreciate this opportunity to provide you with a price for this work. If you have any questions or require additional information, please do not hesitate to contact me at 330-220-3933 or jnader@greatlakesway.com.

Sincerely,

THE GREAT LAKES CONSTRUCTION CO.



Julianne Nader, P.E., LEED AP BD+C
Director of Water and Wastewater Treatment

2608 Great Lakes Way | Hinckley, OH 44233
Office (330) 220-3900 | Rev. 12/5/2017



925 Laidlaw Avenue | Cincinnati, OH 45237
Office (513) 554-0720

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**SCOPE OF WORK
FOR
PROFESSIONAL ENGINEERING SERVICES**

**AVON LAKE REGIONAL WATER
MASTER PLAN DEVELOPMENT**

1.0 PROJECT DESCRIPTION

The purpose of the following scope of work is for Stantec to provide a Master Plan for improvements and capacity expansions to Avon Lake Regional Water's (ALRW) drinking water treatment and distribution infrastructure. The work will include an assessment of projected water demands, approaches to accommodating future industrial users, and an evaluation of options for system capacity expansion. The Plan will document these capacity projections and recommended alternatives for water intake, treatment, and distribution system improvements. Planning-level costs associated with each of these recommended capital improvement projects will also be developed. These analyses will be performed in accordance with the existing state and federal regulatory framework and will include an assessment of the implications of potential future regulatory changes.

The scope of the Master Plan is based on the development of a report which includes:

- Documentation of project purpose
- Description of the current system capacity
- Near-term improvements recommendations
- Population growth and water usage projections
- Discussion of potential future industrial users, including geographic areas likely to be developed and anticipated water flow requirements
- Near-term improvements recommendations
- Recommended alternatives for capacity expansion of water intake, treatment, and distribution infrastructure
- Planning-level (Class V) capital cost estimates for recommended projects
- Description of anticipated future regulatory landscape and implications for capital improvements planning
- Implementation schedule and Capital Improvements Plan (CIP)

The following provides the detailed scope of services to be performed as part of this contract.

2.0 SCOPE OF SERVICES

TASK 1 – Project Management and Meetings

Stantec will provide Project Management of all listed tasks. Stantec will prepare miscellaneous project management correspondence and documents.

Stantec assumes responsibility for the following:

- Stantec task scheduling
- Monthly progress reporting, update, and invoicing
- Monthly review and documentation of schedule versus budget
- Communication with the ALRW staff
- Project documentation and record keeping.

Stantec will attend regular progress meetings with ALRW to discuss ongoing project progress. These progress meetings will recap the work that has been completed and highlight the work anticipated for the next progress period. Stantec has budgeted for monthly progress meetings, hosted virtually and attended by up to four Stantec staff.

Stantec will facilitate, attend, and publish meeting minutes for the following special meetings:

- A kickoff meeting (in-person with virtual participants)
- Routine progress meetings (virtual)
- A production projections workshop (in-person with virtual participants)
- An alternatives analysis workshop (in-person with virtual participants)

TASK 2 – Near-Term Improvements Recommendations

Stantec will provide recommendations for near-term improvements for the following components of existing Water Filtration Plant (WFP) and distribution system infrastructure:

WFP Raw Water Pump Station Hydraulics:

- ALRW will provide information on the existing Raw Water Pumps including pump curves and design operating points, as well as available data on pump operations including runtime, flow, and pressure.
- Stantec will develop a draw-down testing plan to evaluate the operation of the existing pumps—measuring wet well level, pump discharge pressure

and pumped flow rate to determine if the pumps are still running on their manufacturer published curves. As part of this evaluation, Stantec will develop a hydraulic model of the pumped system using AFT Fathom software.

- Rental and installation of a temporary ultrasonic flow meter may be recommended to verify discharge flow rates, and the costs associated with this are not included in Stantec's scope.
- Using the results of the AFT Fathom model draw-down test, Stantec will recommend improvements to the Raw Water Pump Station and approaches that could be used to increase the firm capacity of the pump station.
- Stantec will perform Computational Fluid Dynamics (CFD) modeling of the existing Raw Water Pump Station, based on record drawings of the wet well, pumps, and piping to evaluate if suction conditions have led to any pump performance issues.

Elevated Storage Tank Siting:

To advise near-term recommendations associated with the distribution system, ALRW will provide Stantec with their existing WaterGems distribution system model. This will be used to evaluate potential locations for an elevated storage tank to provide additional finished water storage, and to advise Eastern Transmission Line (ETL) ETL1 and ETL2 transmission system improvements. Stantec will utilize the existing hydraulic model which was recently calibrated by HDR. In addition to the existing hydraulic model, Stantec may also request historical water quality testing data, historical hydrant flushing data, and system GIS information if available. Stantec will assume the existing model is adequate for general planning purposes and the model is reliable for the proposed design work. Stantec assumes that the existing hydraulic model is already calibrated.

- Stantec will model three alternative locations for the proposed elevated storage tank location and capacity. Stantec will evaluate these alternatives as they relate to the distribution system hydraulics regarding impacts to pressure, fire flow capacity and overall water supply to the system.
- Stantec will also evaluate potential impacts to water quality via an age of water analysis, assuming the existing hydraulic model allows for an extended period simulation. If the model is not set up for an extended period simulation, Stantec will insert a generic AWWA Diurnal demand curve into the model and then perform the water age analysis. The water age analysis will help to identify areas of potentially higher water age which can often times be associated with lower chlorine residuals and higher DBP formation.

Transmission Main Improvements:

- ALRW will provide available asset and condition information for the ETL1 and ETL2 transmission system.
- Stantec will review available information on the ETLs and recommend any repairs or upgrades which should be performed to maintain the reliability of this transmission system given its age and material.

TASK 3 – Production Projections

Stantec will review and discuss available historical water use data with ALRW, including a summary of water use from the past ten years, water consumption by customer class, and seasonal water use patterns.

- Stantec will characterize water use trends over historical time periods, geographic areas, and customer class or agreed-upon customer groupings.
- Demand projections will be generated using baseline expectations about growth in the ALRW service area, as well as reasonable baseline assumptions for other model factors defined in collaboration with ALRW. Additional scenarios of a hot/dry season and higher/lower than expected growth will be formulated in consultation with ALRW. The water demand projections will include average day, max day, and peak hour demands.
- Stantec will work with ALRW staff to identify large users and compute (from meter records) their water consumption. The large user data will be reviewed to incorporate into overall demand projections.
- Stantec will develop a near term (approximately 10 year) and a long term (30 year) service boundary for planning purposes based on a possible regional expansion of ALRW.
- Predicting demand expansion for consecutive systems to ALRW will be based on historical purchased water growth trends for these areas.

Stantec will also review with ALRW considerations for a future major industrial water user. Stantec will work with ALRW to establish anticipated potential geographic sites for this user as well as expected water use demands, based on previous inquiries and conversations between ALRW and potential developers.

TASK 4 – Capacity Expansion Alternatives

Stantec will develop and evaluate alternatives for water treatment capacity expansion through expansions adjacent to the existing WFP and/or construction of a new second WFP. The capacity target for this treatment expansion will be based on the findings of Task 3 including demand projections plus a potential future major industrial water user.

Stantec will utilize the existing WFP treatment capacity as calculated by HDR as part of the 2023 WFP Improvements project, using the Ohio EPA Approved Capacity basis of design table. Stantec will review this table and will make updates as necessary to reflect current conditions.

- Four candidate locations for a new remote WFP (not adjacent to the existing WFP) will be selected, with input from ALRW, for consideration. Stantec will evaluate each site and coordinate with ALRW to select one location for further analysis.
- Two preliminary process flow diagrams and site layout alternatives will be developed for the selected remote WFP location.
- Two preliminary process flow diagram and site layout alternatives will be developed for a new WFP adjacent to the existing WFP.
- Stantec, along with KS Associates, will develop a conceptual approach and preliminary layout for a raw water intake for both new WFP site alternatives (remote or adjacent to existing).
- Stantec will also assess the improvements required to the existing raw water intake as part of the existing WFP capacity expansion alternative. This assessment will be based on existing record drawings and available condition assessment information for the raw water intake.

Treatment alternatives and sizing for layouts will be based on an assumed water quality consistent with raw water to the existing WFP and standard design criteria per Ten State Standards and design literature.

Stantec will provide an anticipated residual solids production rate associated with the projected increase in overall treatment capacity. ALRW will provide existing WFP raw water quality data and chemical feed rate information to facilitate a more accurate solids production estimate.

TASK 5 – Distribution System Assessment

Stantec will use the ALRW water distribution system model and associated data as collected in Task 2 to assess the impacts of the planned capacity expansion on the water distribution system. Various modeling scenarios (average day, max day, peak hour, max day + fire flow, and water age) will be imposed under the existing and future planning conditions for comparison. Planned water main replacements will be incorporated into the future conditions model. The required improvements to accommodate the future capacity expansion will be determined, including any necessary additional finished water storage needed. The firm capacity of existing booster pump stations will also be evaluated and capacity gaps in meeting projected demands will be identified.

Stantec will also evaluate the required additional distribution system infrastructure or recommended improvements needed to accommodate a future

major industrial user, including the implications of such a user for the ELT1 and ELT2 transmission system.

TASK 6 – Capital Improvements Plan

Stantec will develop planning level (Class V) cost estimates for recommended system improvements and capacity expansion alternatives. These cost estimates will be coupled with a recommended phasing and implementation plan to generate a proposed Capital Improvements Plan (CIP) for ALRW separated into WFP-related projects and ETL-related projects. This CIP will be presented to ALRW as an excel-based table indicating phasing and capital expenditures over time.

TASK 7 – Master Plan Development

Recommendations resulting from the near-term improvements assessment, production projections, treatment capacity expansion alternatives evaluation, and distribution system assessment will be documented in a Master Plan.

The report will include the following components:

- Executive Summary
- Introduction
- Project Purpose
- Current System Capacity
 - Ohio EPA Approved Capacity updated basis of design table
- Near-Term Improvements
 - Existing WFP Raw Water Pump Station
 - New elevated storage tank siting
 - ETL1 and ETL2 transmission system
- Production Projections
 - Population growth and water usage projections
 - Future major industrial user location and demand
 - Potential ALRW regional expansion
 - Critical assumptions and methodology used in developing projections
- Capacity Expansion Alternatives
 - New WFP construction adjacent to existing WFP
 - New WFP construction at remote location
 - Overall recommendations
- Distribution System Assessment
 - Water main
 - Finished water storage
 - Booster pump stations

- ETL1 and ETL2 transmission system
- Future Regulatory Considerations
 - Anticipated potential future regulations and implications for capital improvements planning
- Implementation schedule and Capital Improvements Plan (CIP)

Stantec will submit one draft report in electronic pdf format. ALRW agrees to provide one consolidated set of review comments representing ALRW's review of the draft document. Review comments from ALRW and Stantec's responses will be recorded in a comment response form (Microsoft Excel spreadsheet format) approved by ALRW. Stantec will incorporate ALRW's comments and preferences and once incorporated will consider them final. ALRW understands that changes requested by ALRW after this point may result in unplanned cost to Stantec and therefore may require an amendment to this scope of services. One final report in electronic pdf format will be issued to ALRW.

3.0 ASSUMPTIONS

- ALRW will provide review comments to Stantec within 14 calendar days of receipt of draft technical documents and within 7 calendar days of submitting meeting summaries to ALRW. Stantec will provide draft and final documents in electronic format.
- ALRW will provide at no cost to Stantec, copies of all design drawings, process schematics, reports and data in electronic format where possible upon request by Stantec.
- All deliverables to ALRW will be in electronic format.
- Stantec shall be entitled to reasonably rely upon the information and data provided by ALRW or obtained from generally acceptable sources within the industry without independent verification except to the extent such verification is expressly included in the Work, or from additional inquiries to ALRW should Stantec believe verification is prudent.

4.0 PROJECT SCHEDULE

Stantec will complete the scope of work detailed above within 9 months from the receipt of the written notice to proceed. Stantec shall provide a detailed project schedule and timeline within 7 calendar days of Notice to Proceed.

5.0 PROJECT FEE

Stantec will perform the proposed scope of work on a time-and-materials basis not-to-exceed the total below. Stantec will invoice based on the actual hourly rate of staff times a multiplier of 3.15.

Task	Estimated Task Budget
TASK 1 – Project Management and Meetings	\$34,543.84
TASK 2 – Near-Term Improvements Recommendations	\$47,223.30
TASK 3 – Production Projections	\$17,283.48
TASK 4 – Capacity Expansion Alternatives	\$103,870.04
TASK 5 – Distribution System Assessment	\$33,160.40
TASK 6 – Capital Improvements Plan	\$7,827.84
TASK 7 – Master Plan Development	\$34,002.00
TOTAL	\$277,910.90

Any work on this project that is performed for the ETL's shall be tracked, itemized, and invoiced accordingly.



FEE ESTIMATE - Comprehensive Water Master Plan

Name	
Total Units (T&M)	
Fee (T&M)	

Project Summary		Stantec Hours	Stantec Labour	Expense	Subs	Total
Time & Material		1,618.00	\$252,333.70	\$2,037.20	\$23,540.00	\$277,910.90
Total		1,618.00	\$252,333.70	\$2,037.20	\$23,540.00	\$277,910.90

WBS Code	Task Code	Task Name	Start Date	End Date	Task Type	Stantec Hours	Stantec Labour	Expense	Subs	Total
1	100	Project Management and Meetings	2024-04-01	2024-12-31	Time & Material	184.00	\$32,506.64	\$2,037.20	\$0.00	\$34,543.84
1.1	100.100	Project Managment	2024-04-01	2024-12-31	Time & Material	40.00	\$8,163.14	\$0.00	\$0.00	\$8,163.14
1.2	100.200	Progress Meetings	2024-04-01	2024-12-31	Time & Material	72.00	\$12,409.74	\$0.00	\$0.00	\$12,409.74
1.3	100.300	Kickoff Meeting and Design Workshops	2024-04-01	2024-12-31	Time & Material	72.00	\$11,933.76	\$2,037.20	\$0.00	\$13,970.96
2	200	Near Term Recommendations	2024-04-01	2024-06-01	Time & Material	296.00	\$47,223.30	\$0.00	\$0.00	\$47,223.30
2.1	200.100	Raw Water Pump Hydraulics	2024-04-01	2024-06-01	Time & Material	128.00	\$22,130.90	\$0.00	\$0.00	\$22,130.90
2.2	200.200	Elevated Storage Tank Siting	2024-04-01	2024-06-01	Time & Material	118.00	\$17,044.12	\$0.00	\$0.00	\$17,044.12
2.3	200.300	Transmission Main CIP	2024-04-01	2024-06-01	Time & Material	50.00	\$8,048.28	\$0.00	\$0.00	\$8,048.28
3	300	Production Projections	2024-04-01	2024-06-01	Time & Material	120.00	\$17,283.48	\$0.00	\$0.00	\$17,283.48
4	400	Alternative Development and Evaluation	2024-06-01	2024-09-01	Time & Material	552.00	\$82,970.04	\$0.00	\$20,900.00	\$103,870.04
5	500	Distribution System Assessment	2024-06-01	2024-09-01	Time & Material	230.00	\$33,160.40	\$0.00	\$0.00	\$33,160.40
6	600	Capital Improvements Plan	2024-09-01	2024-10-01	Time & Material	48.00	\$7,827.84	\$0.00	\$0.00	\$7,827.84
7	700	Master Plan Development	2024-10-01	2024-12-31	Time & Material	188.00	\$31,362.00	\$0.00	\$2,640.00	\$34,002.00