Orange Water and Sewer Authority

OWASA is Carrboro-Chapel Hill's not-for-profit public service agency delivering high quality water, wastewater, and reclaimed water services.

Agenda
Meeting of the OWASA Board of Directors
Thursday, February 24, 2022, 6:00 P.M.

Due to COVID-19 public health concerns, the Orange Water and Sewer Authority (OWASA) Board of Directors is conducting this meeting virtually utilizing Microsoft Teams software. Board Members, General Counsel and staff will be participating in the meeting remotely.

In compliance with the "Americans with Disabilities Act," interpreter services for non-English speakers and for individuals who are deaf or hard of hearing are available with five days prior notice. If you need this assistance, please contact the Clerk to the Board at 919-537-4217 or aorbich@owasa.org.

The Board of Directors appreciates and invites the public to attend and observe its virtual meetings online. Public comment is invited via written materials, ideally submitted at least two days in advance of the meeting to the Board of Directors by sending an email to board_and_leadership@owasa.org or via US Postal Service (Clerk to the Board, 400 Jones Ferry Road, Carrboro, NC 27510). Public comments are also invited during the Board Meeting via telephone, and you will need to be available to call-in during the meeting. Please contact the Clerk to the Board at aorbich@owasa.org or 919-537-4217 to make arrangements by 3:00 p.m. the day of the meeting.

Public speakers are encouraged to organize their remarks for delivery within a four-minute time frame allowed each speaker, unless otherwise determined by the Board of Directors.

Announcements

1. Announcements by the Chair
   - A. Any Board Member who knows of a conflict of interest or potential conflict of interest with respect to any item on the agenda tonight is asked to disclose the same at this time.
   - B. February 17, 2022 Orange County Climate Council Meeting
2. Announcements by Board Members
   - A. Update of February 15, 2022 Meeting Between Chapel Hill Town Council OWASA Committee and Chapel Hill Appointees to the OWASA Board (John Morris)
   - B. Update of February 17, 2022 OWASA Annual Update to the Orange County Board of County Commissioners (Ray DuBose)
3. Announcements by Staff
   - A. Change to Disinfection of Drinking Water with Free Chlorine instead of Chloramines in the month of March (Todd Taylor)
4. Additional Comments, Suggestions, and Information Items by Board Members (Jody Eimers)

Petitions and Requests

1. Public
2. Board
3. Staff

Consent Agenda

Information and Reports

1. 12 Month Board Meeting Schedule (Todd Taylor)

Action

2. Award a Construction Contract for the University Lake Permanganate Facility (Coleman Olinger)
3. Award a Construction Contract for the Bolinwood Interceptor Construction Project (Simon Lobdell)
4. Sole Source Procurement of New Biogas System Equipment for the Mason Farm Wastewater Treatment Plant (Simon Lobdell)
5. Minutes of the January 27, 2022 Meeting of the Board of Directors (Andrea Orbich)
6. Minutes of the February 10, 2022 Closed Session of the Board of Directors for the Purpose of Discussing a Personnel Matter (Ray DuBose)

Regular Agenda

Discussion

7. Long-Range Water Supply Plan: Future of OWASA-owned Property for Water Supply and Treatment Facilities in Chatham County (Todd Taylor)

Discussion and Action

8. Approval of Strategic Plan Priorities (Mary Tiger)
9. Increasing Board Member Compensation to Encourage Public Interest in Applying for Appointment to the OWASA Board of Directors (Jody Eimers)

Summary of Work Session Items

10. Executive Director will summarize the key staff action items from the Board Meeting and note significant items for discussion and/or action expected at the next meeting.

Closed Session

11. The Board of Directors will Meet in Closed Session for the Purpose of Discussing a Personnel Matter, as provided in N.C. General Statutes 143.318.11(6) (Ray DuBose)

OWASA Board of Directors – 12 Month Board Meeting Schedule (February 18, 2022)

Meeting Date	Agenda Items		Committee Meetings & Other Board Items
March 10 2022	Approve Resolution to Accept Low-Interest SRF Loan Set Date for Public Hearings on FY 23 Budget & Rates FY 23 Draft Budget and Rate Adjustment Conservation Easement on Deane Heirs Property	 () () 	D&I Training (in-person TBD)
April 14 2022	FY 23 Draft Budget and Rate Adjustment Authorize Staff to Publish FY 23 Budget and Rate Information LRWSP – update on conversations with WIP (tentative) BOD Eligible for Nominations to Election as Board Officers (include Officer descriptions) Planning BOD Self-Assessment	() () () ()	Strategic Plan Work Session (TBD) Mitigation Banking Field Trip (TBD) Meeting between the BOCC Members & OC Appointees to the BOD (TBD)
May 12 2022	Public Hearings – FY 23 Budget and Rates Approve Employee Insurance Renewals Discuss Employee Merit Pay for FY 23 CS – Prepare ED Annual Review	() () () ()	Annual Update for CTC (TBD) Meeting between the CHTC OWASA Committee & Chapel Hill Appointees to the BOD (TBD)
June 9 2022	Receipt of the OC Board of Health Report on Drinking Water Fluoridation Bylaw Amendment regarding Annual Meeting Schedule Approve FY 23 Budget and Rates (including Employee Merit Pay decision) Update on LRWSP Community Engagement (tentative) Election of Officers CS – ED Annual Performance Review	 () () ()	
July 14 2022	CS – Prepare GC Annual Review	()	Possible welcome of new Board Member(s)
August 11 2022	CS – GC Annual Review	()	
September 8 2022	Review Draft Strategic Plan Approve GC Engagement	 ()	Meeting between the BOCC Members & OC Appointees to the BOD (TBD)
October 13 2022	Annual Meeting of the Board – Annual Report and Financial Audit Approve Strategic Plan Update on Development of New Budget Format	()	Meeting between the CHTC OWASA Committee & Chapel Hill Appointees to the BOD (TBD)
November 10 2022	TBD		
December 8 2022	CS – Prepare for ED Interim Review	()	
January 12 2023	Approve Audit Firm Contract Discuss FY 23 Budget Calendar and Assumptions CS – ED Interim Performance Review	() () ()	OWASA Orientation for newly elected officials
February 9 2023	CS – Prepare for GC Interim Review	()	Annual Update to BOCC (TBD) Meeting between the CHTC OWASA Committee & Chapel Hill Appointees to the BOD (TBD)

<u>Recurring Reports (included as part of monthly Consent Agendas)</u>

- **January** - Employee Health and Dental Insurance Update; 2022 Annual Lakes Recreation Report; CIP Semiannual Report; D&I Update
- **February** - Reliability and Resiliency Report; Q2 Financial Report
- **March** - Affordability Program Update and Energy Management Plan

OWASA Board of Directors – 12 Month Board Meeting Schedule (February 18, 2022)

- **April** - TBD
- **May** - Strategic Plan Update; Q3 Financial Report
- **June** - Strategic Plan Update
- **July** – D&I Update and Strategic Plan Update
- **August** - Preliminary 12 Month Financial Report and CIP Semiannual Report
- **September** - Disposal of Surplus Personal Property; EEO/Affirmative Action Report and D&I Update; Forest Management Program Update
- **October** - Strategic Trends Report and Q1 Financial Report

The 12 Month Board Meeting Schedule shows priority efforts the Board and staff plan to consider during the next twelve months. The schedule also shows annual updates to the Board which will be distributed via email. This schedule does not show all the items the Board may consider in a meeting.

The 12 Month Board Meeting Schedule will be reviewed and updated by the Board each month.

The OWASA Board determines which topics it wants to explore as a full Board and which topics it wants to assign to Board committees or committee chairs for further analysis and development of recommendations. Board also determines priorities and desired timeframes for addressing topics. Committee meetings will be updated on the schedule routinely.

Abbreviations Used in Draft Schedule:

↻	Recurring agenda item (generally these are "required" items)
BOCC	Orange County Board of County Commissioners
BOD	Board of Directors
CCR	Cane Creek Reservoir
CE	Community Engagement
CEP	Community Engagement Plan
CHTC	Chapel Hill Town Council
CIP	Capital Improvements Program
COLA	Cost of Labor Adjustment
CS	Closed Session of the Board
CTC	Carrboro Town Council
CY	Calendar Year
D&I	Diversity and Inclusion
ED	Executive Director
EEO	Equal Employment Opportunity
EPA	Environmental Protection Agency
FY	Fiscal Year
GC	General Counsel
HR	Human Resources
JL	Jordan Lake
KPI	Key Performance Indicator
LRWSP	Long-Range Water Supply Plan
MOA	Memorandum of Agreement
MWBE	Minority/Women-owned Business Enterprises
MST	Mountains-to-Sea Trail
MFMM	Multi-Family Master Meter
NCDOT	North Carolina Department of Transportation
NRTS	Natural Resources and Technical Services
OC	Orange County
Q	Quarter
RFP	Request for Proposals
SRF	State Revolving Fund
SOW	Scope of Work
TBD	To Be Determined
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant

Agenda Item:

- Award a Construction Contract for the University Lake Permanganate Facility

Purpose:

- To recommend that the OWASA Board of Directors award a construction contract to Dellinger, Inc. (Dellinger) for the construction of the University Lake Permanganate Facility (Project).

Background:

- The University Lake Permanganate Facility project includes the construction of a new permanganate feed facility and structure at University Lake to provide for a key initial step in the drink water treatment process whereby OWASA adds permanganate to the raw water to help oxidize iron and manganese, as well as organic compounds that would otherwise contribute to the formation of undesirable disinfection by-products (DBPs) later in the treatment process. The permanganate also helps control drinking water taste and odor and reduce chlorine demands.

- Following an alternatives analysis, in 2017 OWASA placed in service a new, permanent permanganate feed system at Cane Creek Reservoir. The current project will provide for a new, permanent facility at University Lake.

- OWASA received four bids for the work and Dellinger was the low bidder with a base bid of $3,140,000. A bid alternate of $16,000 was selected for the demolition of the old warden's house. This alternative was requested during design by UNC and will be funded entirely by UNC through a separate financial agreement between UNC and OWASA.

- Staff took several steps as outlined in OWASA's Minority Business Participation Outreach Plan in an attempt to increase the participation of minority contractors in this contract opportunity. The total percentage of work going to MWBE in this contract is approximately 8.6% of the contract value.

Action Requested:

- Approve the Resolution to Award the Construction Contract for the University Lake Permanganate Project

MEMORANDUM

TO: Board of Directors

THROUGH: Todd Taylor, P.E.

FROM: Coleman Olinger, P.E.

DATE: February 17, 2022

SUBJECT: Award of a Construction Contract for the University Lake Permanganate Facility

Purpose:

This memorandum recommends the OWASA Board of Directors award a construction contract to Dellinger, Inc. (Dellinger) for the construction of the University Lake Permanganate Facility (Project).

Background:

OWASA uses permanganate in the water treatment process to help oxidize iron and manganese as well as organic compounds that would otherwise contribute to the formation of undesirable disinfection by-products (DBPs) later in the treatment process. The addition of permanganate also helps control drinking water taste and odor and reduces chlorine demands.

While we currently have the ability to add permanganate at the head of the Water Treatment Plant (WTP), applying permanganate at an upstream location nearer the water supply reservoirs offers two important advantages: (1) it provides additional time for oxidation to occur and (2) it reduces the potential for interference with the pre-oxidation process when other chemicals are added at the WTP. Following an alternatives analysis, in 2017 OWASA placed in service a new, permanent permanganate feed system at Cane Creek Reservoir. The current project will provide for a new, permanent facility at University Lake, with scope to include:

- Demolition of the existing maintenance shed
- Construction of a new masonry building to house new, permanent facilities for the storage and feed of liquid sodium permanganate into the University Lake raw water transmission mains (including all associated mechanical, heating/ventilation/air conditioning, instrumentation and electrical equipment)
- Access road improvements to accommodate bulk chemical deliveries, and
- Demolition of the old warden's house



Figure 1: Rendering of Facility Exterior



Figure 2: Project Area

Advertising and Bidding:

The Engineer completed the Project design and bid documents in Fall of 2021. The bid advertisement was posted to websites, news outlets, and emailed to contractors on December 7, 2021. Additionally, throughout the bid process, the Engineer and OWASA staff made direct contact with numerous general contractors via phone calls and emails. On January 25, 2022, a total of four bids were received and opened publicly, and the results are summarized below. The alternate scope included the demolition of the old warden's house, which was requested and will be funded by UNC through a separate reimbursement agreement with OWASA.

Bidder	Base Bid	Alternate Scope	Total
Dellinger, Inc.	$3,140,000.00	$16,000.00	$3,156,000.00
Laughlin-Sutton Construction Co.	$3,627,000.00	$36,000.00	$3,663,000.00
Turner Murphy Co., Inc.	$3,500,816.00	$63,864.00	$3,564,680.00
The Harper Corporation	$4,590,000.00	$40,000.00	$4,630,000.00
2021 Engineer's Estimate	*$2,240,000.00*	*$97,000.00*	*$2,340,000.00*

After an evaluation of the low bidder's project references, current projects list, financial statement and references, safety performance data, debarment status, and claims and judgements information, Dellinger was determined to be the low, responsive and responsible bidder.

External Funding:

Based on initial project cost estimates, in April 2019, OWASA requested a $2,170,800 low-interest loan from the North Carolina Division of Water Infrastructure (DWI) for the planned project through the Drinking Water State Revolving Fund (DWSRF) Program. In July 2019 the DWI issued a Letter of Intent to provide the requested loan funds for the project. In June of 2021, the construction estimate was updated to $2,340,000 (excluding construction engineering, and all administration costs).

After publicly opening bids on January 25, 2022, OWASA returned to DWSRF and requested additional loan funds, for a total loan amount of $4,212,500, to cover the revised project costs. This cost includes the low bid construction cost of $3,140,000 in addition to all estimated construction engineering, administration, and observation costs. On March 1, 2022, the NC Local Government Commission will review this request for increase for Revolving Loan (WIF-1983). Should the NC Local Government Commission approve the request, OWASA staff will return to the OWASA Board with a resolution to accept the higher, revised loan amount. Should the NC Local Government Commission not approve the request, OWASA will continue to fund the project through CIP budget and the existing DWSRF loan of $2,170,800.

Minority and Women Business Enterprise (MWBE) Participation:

OWASA's Minority Business Participation Outreach Plan guidelines include all the statutory requirements from the State of North Carolina and specify a 10% goal for participation by minority businesses. OWASA staff took several actions to solicit minority participation in this contract, including advertising the construction bid with the Greater Diversity News, publishing the advertisement on the websites of the State of North Carolina Interactive Purchasing System (NC IPS) and OWASA, and posting advertisement in multiple plan rooms. Staff also emailed the advertisement directly to 487 MWBE prime contractors and subcontractor firms registered with NC IPS MWBE.

OWASA also requires bidders to complete "good faith efforts" to solicit participation by minority subcontractors, and to attest to those efforts via an affidavit submitted with the bid. Staff reiterated this requirement at the pre-bid meeting and provided the bidders with detailed guidelines.

Additionally, Dellinger provided the required documentation of their good faith efforts, including their solicitation of over 370 firms who qualify as Minority and Women-owned Business Enterprise (MWBE) contractors for subcontracted work on the project. Those contacted included subcontractors in trades such as demolition, hauling, erosion control, seeding, paving, curb and gutter, fencing, asbestos remediation, concrete, formwork, reinforcing steel, precast, masonry, metal fabrication, hollow metal doors, roll-up doors, painting, canopies, heat trace & insulation, sprinklers, HVAC, plumbing, electrical, fire alarm systems, and SCADA. The total percentage of work going to MWBE in this contract is approximately 8.6% of the contract value,

consisting of $103,383 towards MWBE (Women-owned) insulation, painting, and reinforcing steel subcontractors and $165,519 towards a MBE SCADA (Hispanic-owned) subcontractor.

Bid Analysis and Award Recommendation:

Dellinger has demonstrated sufficient qualifications in past project performance, personnel qualifications/experience, and reference checks. The Engineer and OWASA staff also determined that Dellinger met safety performance, relevant project experience, bonding capacity, and other requirements.

Although the overall project exceeded our initial CIP estimate, the project is critical for long term resiliency of the water treatment process. The engineer's estimate was last updated in June of 2021 and material and labor prices have continued their rapid escalation.

Evaluation of the four received bids indicated that this is a competitive bid in this market. Three of the four bids fell within the $3.1 million to $3.7 million range, with one outlier at approximately $4.6 million. Construction industry experts have noted that material and supply issues are expected to continue through 2022. With the University Lake Permanganate Facility being a new facility as opposed to a renovation or rehabilitation, there is limited ability to reduce construction cost through redesign. While rebidding is always an available option, staff has consulted with Hazen and Sawyer and believes that bid prices will not be reduced if rebid and could very likely increase. Therefore, staff recommends awarding the contract, including the alternate scope, at the total of $3,156,000. A copy of the certified bid tabulation is attached with the Engineer's recommendation for award (Attachment 2).

Hazen and Sawyer's recommendation that the construction contract for this project be awarded to Dellinger is attached along with the certified bid tabulation (Attachment 1). OWASA staff concurs with this recommendation. To proceed, we request the Board's adoption of the attached resolution:

- Attachment 2: Resolution awarding the construction contract contingent on the pending approval of SRF final loan issuance (which will occur upon receipt of this board action);

Please contact me if you have any further questions.

Coleman Olinger, P.E.
Utilities Engineer

Attachments
1. Engineer's Recommendation for Award and Certified Bid Tabulation
2. Construction Contract Award Resolution

Hazen and Sawyer
4011 Westchase Boulevard, Suite 500
Raleigh, NC 27607 • 919.833.7152

January 31, 2022

Mr. Coleman Olinger, P.E.
Utilities Engineer
Orange Water and Sewer Authority
400 Jones Ferry Road
Carrboro, NC 27510

Re: Recommendation for Award
University Lake Permanganate Facility
SRF Project No. WIF-1983
OWASA CIP No. 270-28
Hazen # 32258-014

Dear Mr. Olinger:

We have evaluated the bids received for the University Lake Permanganate Facility Project. This project advertised on December 7, 2021, and four sealed bids were received on January 25, 2022. A copy of the certified bid tabulation is attached. The lowest responsive and responsible bid was submitted by Dellinger, Inc.

We have had favorable experiences with Dellinger, Inc. on previous projects and recommend awarding the Base Bid in the amount of $3,140,000.00 to Dellinger, Inc.

If OWASA decides to proceed with the Additive Alternate Bid item in the amount of $16,000.00, we recommend awarding the Base Bid plus Additive Alternate Bid to Dellinger, Inc.in the combined amount of $3,156,000.00.

We will process formal notification of award documentation at your direction. Should you have any questions or require additional information do not hesitate to contact me.

Very truly yours,

Melanie Mann

Melanie Mann, P.E.
Associate Vice President

Enclosure

Orange Water and Sewer Authority
University Lake Permanganate Facility
CIP No. 270-28
SRF Project No: WIF-1983

CERTIFIED BID TABULATION

Bid Date: January 25, 2022
Bid Opening Time: 2:00 p.m.

General Contractor	Dellinger, Inc.	Laughlin-Sutton Construction Co.	Turner Murphy Company, Inc.	The Harper Corporation
N.C. License No.	5992	3067	9072	3146
Addenda Acknowledgement	3	3	3	3
Bid Security	5%	5%	5%	5%
TOTAL BASE BID	**$3,140,000.00**	**$3,627,000.00**	**$3,500,816.00**	**$4,590,000.00**
Additive Alternate - Demolition of Lake Warden's House	$16,000.00	$36,000.00	$63,864.00	$40,000.00

CERTIFICATION
The Bids tabulated herein were opened and read aloud at 2:00 p.m. on the 25th day of January 2022 in the Community Room of the Orange Water and Sewer Authority Administration Building, 400 Jones Ferry Road, Carrboro, North Carolina 27510. The tabulation is correct in that it contains the bid prices as presented in the original Bid Form for each Bidder.



1/31/2022

Hazen

Hazen License C-0381
Hazen and Sawyer
4011 WestChase Blvd.
Raleigh, North Carolina 27607
(919) 833-7152

Attachment 2

Resolution Awarding a Construction Contract for the University Lake Permanganate Facility Project

Whereas, there is a need to construct a new, permanent permanganate feed facility and structure at University Lake in order to provide oxidation of iron and manganese, control taste and odor compounds and reduce the formation of disinfection byproducts; and

Whereas, plans and specifications for the construction of this project have been prepared by Hazen and Sawyer; and

Whereas, invitations to bid on this project were published on the websites of the Greater Diversity News and on the websites of the State of North Carolina Interactive Purchasing System (NC IPS) and OWASA, and in multiple contractor review plan rooms, all on or as of December 7, 2021; and

Whereas, four bids were received on January 25, 2022 and Dellinger, Inc. of Monroe, NC has been determined to be the low responsive, responsible bidder for the project; and

Whereas, on June 10, 2021 the Board approved a resolution authorizing funds for this project as part of the Orange Water and Sewer Authority Capital Improvements Plan; and

Now, Therefore, Be It Resolved:

1. That the Orange Water and Sewer Authority Board of Directors awards the construction contract to Dellinger Inc., the low responsive, responsible bidder for the University Lake Permanganate Facility, in accordance with the approved plans and specifications, in the amount of $3,156,000.00, subject to such change orders as may apply.

2. That the Executive Director be, and hereby is, authorized to execute said contract, subject to prior approval of legal counsel, and to approve and execute change orders and such documents as may be required in connection with the construction contract.

3. That the tentative award is contingent upon the approval of the North Carolina Department of Environmental Quality.

Adopted this 24th day of February 2022.

_____
Jo Leslie Eimers, Chair

ATTEST:

_____
John N. Morris, Secretary

Agenda Item:

- **Award a Construction Contract for the Bolinwood Interceptor Construction Project**

Purpose:

- To recommend that the OWASA Board of Directors award a construction contract to Pipeline Utilities, Inc. (Pipeline) for the construction of the Bolinwood Interceptor Construction Project.

Background:

- The Project includes replacement and upsizing of sewer mains in a mile-long corridor paralleling Martin Luther King Jr. Boulevard.

- The project was identified during OWASA's 2010 Sewer Capacity study as a capacity concern and was expanded during design to address other risk and reliability concerns, including an aging aerial crossing of a tributary to Bolin Creek, difficult maintenance access, and flood damage risks.

- On January 20, 2022, a total of two bids were received and Pipeline Utilities was the low bidder with a bid of $2,315,000.00.

- The apparent low bidder (Pipeline) identified two minority businesses in their bid for a total amount of $88,000.00. This represents 3.8% of the total contract price and consists of two separate Women-owned businesses.

- OWASA staff took several actions to solicit minority participation in this contract, including advertising in multiple plan rooms, publishing the bid in a minority business newsletter and posting to the NC Interactive Purchasing System.

Action Requested:

- Approve the Resolution to Award the Construction Contract for the Bolinwood Interceptor Constructions Project

February 24, 2022

Memorandum

To: Board of Directors

Through: Todd Taylor

From: Simon Lobdell, P.E.

Date: February 17, 2022

Subject: Award a Construction Contract for the Bolinwood Interceptor Construction Project

Purpose:

This memorandum recommends the OWASA Board of Directors award a construction contract to Pipeline Utilities, Inc. (Pipeline) for the construction of the Bolinwood Interceptor Construction (Project).

Background:

The Bolinwood Interceptor Construction project includes the replacement and upsize of sewer mains in a mile-long corridor paralleling Martin Luther King Jr. Boulevard. A map of the project corridor is shown in Attachment 1. The project will upsize a section of sewer main identified as a potential hydraulic bottleneck by prior modeling efforts in OWASA's 2010 Sewer Capacity study. The Project scope was expanded during design to address other risk and reliability concerns in the corridor, including an aging aerial crossing of a tributary to Bolin Creek, difficult maintenance access, and flood damage risks.

Staff engaged with nearby property owners to receive feedback, adjust the location of the proposed sewer where feasible, and acquire easements. Staff has also taken several steps to minimize impacts to the stream and buffer area, purchased riparian buffer credits to offset our impact and sought input from agencies and the Town of Chapel Hill to improve our designs.

Carter Engineering (Engineer) was selected as the design and construction management engineer. The Engineer evaluated several alternatives for the construction and sequencing of the work. The selected design will upsize the necessary components of the sewer main and remove the aerial crossing, limiting the risk of future flood damage. The design was completed in early 2021 and OWASA acquired easements from six separate entities. Coordination and negotiation of the easements was a substantial effort for this project.

Advertising and Bidding:

The Engineer completed the project design and bid documents in November 2021. The bid advertisement was posted to websites, news outlets, and emailed on December 1, 2021. Additionally, throughout the bid process, the Engineer and OWASA staff made direct contact with general contractors via phone calls and emails. A total of two bids were submitted at the initial January 13, 2022 deadline. Whereas state statute requires receipt of a minimum of three bids for construction contracts greater than $500,000, the two bids received were returned unopened and the contract was re-advertised with a re-bid date of January 20, 2022. On January 20, 2022, a total of two bids were received and opened publicly, and the results are summarized below:

Bidder	**Base Bid**
Pipeline Utilities, Inc.	**$2,315,000.00**
Moffat Pipe, Inc	$3,119,745.00
Engineer's Estimate	*$1,289,036.00*

The project exceeded the last complete engineer's estimate by a significant amount. The engineer's estimate was developed in August 2021 which, in the current market, makes it outdated. The main causes of the overage include steep escalations in material costs, with some steel products nearly doubling in cost in the last three months, and very limited availability of utility contractors as demonstrated by the lack of bidders. In November 2021, staff and the consulting engineer revisited the engineer's cost opinion and informally updated the construction cost estimate to $1.9 million. Staff elected to proceed with the bid without a more formal update in lieu of further evaluation since no parts of the work are considered optional.

After an evaluation of the low bidder's project references, current projects list, financial statement and references, safety performance data, debarment status, and claims and judgements information, Pipeline Utilities was determined to be the low, responsive and responsible bidder.

Minority and Women Business Enterprise (MWBE) Participation:

OWASA's Minority Business Participation Outreach Plan and Guidelines include all the statutory requirements from the State of North Carolina and specifies a 10% goal for participation by minority businesses. OWASA staff took several actions to solicit minority participation in this contract, including advertising the construction bid with the Greater Diversity News, publishing the advertisement on the websites of the State of North Carolina Interactive Purchasing System (NC IPS) and OWASA, and posting advertisement in multiple plan rooms. Staff also emailed the advertisement directly to contractors identified as having relevant experience in NC IPS.

OWASA also requires bidders to complete "good faith efforts" to solicit participation by minority subcontractors, and to attest to those efforts via an affidavit submitted with the bid. Staff reiterated this requirement at the pre-bid meeting and provided the bidders with detailed guidelines. The apparent low bidder (Pipeline) identified two minority businesses in their bid for a total amount of $88,000.00. This represents 3.8% of the total contract price and consists of two separate Women-owned businesses. The nature and scope of this project afforded limited subcontracting

opportunities. Most of the work for this project will be self-performed by Pipeline Utilities with the exception of the specialty tunneling subcontractor.

Bid Analysis and Award Recommendation:

As has been the case with most of our recent pipeline projects, the project received a low number of bidders. Both bids received were well above the engineer's estimate, and in addition the second bid was more than $800,000 above the low bid. The variance to estimate and the wide bid range both reflect the difficulty and uncertainty of the bid environment. As discussed earlier, staff had been expecting bids to be significantly higher than the engineer's estimate based on recent pricing, other recent OWASA bids, and the limited availability of contractors.

The project relieves a critical bottleneck in OWASA's sewer collection system from downtown Chapel Hill. This section of sewer is known to surcharge during major wet weather events and risks sanitary sewer overflows in a sensitive watershed. The proposed improvements will provide sufficient flow capacity through buildout and will address several risk and reliability concerns. There are no clear alternatives to this project.

Pipeline Utilities has demonstrated sufficient qualifications in past project performance, personnel qualifications/experience, and reference checks. The Engineer and OWASA staff also determined that Pipeline Utilities met safety performance, relevant project experience, bonding capacity, and other requirements. A copy of the certified bid tabulation is attached with the Engineer's recommendation for award (Attachment 2). Staff agrees with the Engineer's recommendation to award Pipeline the Contract at $2,315,000.

To proceed, we request the Board's adoption of the attached resolution (Attachment 3) awarding the construction contract to Pipeline.

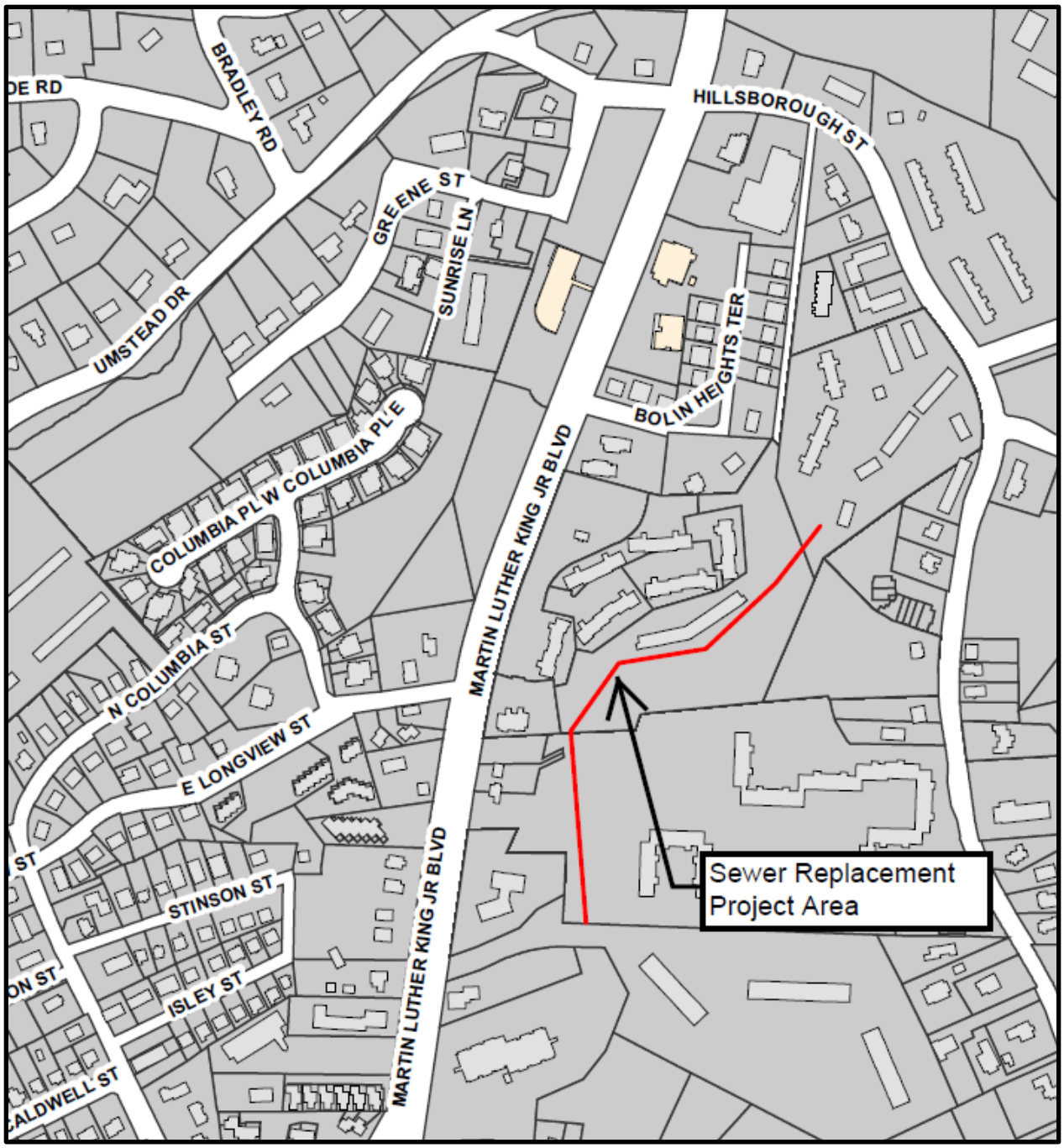
Action:

Approve the Resolution Awarding a Construction Contract for the Bolinwood Interceptor Construction Project.

Simon Lobdell, P.E.
Utilities Engineer

Attachments:
1. Work Area Location Map
2. Engineer's Recommendation for Award and Certified Bid Tabulation
3. Resolution

Attachment 1 – Work Area Location Map



CECO CARTER ENGINEERING COMPANY
K.F. CARTER ENGINEERING COMPANY, PLLC

February 3, 2022

Mr. Simon M. Lobdell, P.E.
Utilities Engineer – Project Manager
Orange Water and Sewer Authority
400 Jones Ferry Road
Carrboro, NC 27510

Re: Recommendation of Award
Bolinwood Sewer System Improvements

Dear Simon:

In accordance with the Authority's request, we reviewed the Bid received at 11:00 A.M. on January 20, 2022, and the experience background and financial references for Pipeline Utilities, Inc, the apparent low bidder for the above referenced project.

Pipeline Utilities, Inc, is currently located at 2204-F Associate Drive, Raleigh, NC, 27603. Pipeline Utilities, Inc, is currently licensed under NC Contractor's License No. 13040. According to the North Carolina Licensing Board for General Contractors, Pipeline Utilities, Inc, has a current (2022) Unlimited and Unclassified license.

Based on the attached Certified Bid Tabulation, with a Unit Price Bid amount of **$2,315,000.00**, it appears that Pipeline Utilities, Inc, is currently the apparent low bidder for this project based on price and qualifications.

This letter is based on information received from others, and is not a recommendation or a guarantee of Pipeline Utilities, Inc, to perform adequately on this project.

Please advise if you have any questions.

Regards,

K. F. CARTER ENGINEERING COMPANY, PLLC

Kevin F. Carter

Kevin F. Carter, P.E.
President

BOLINWOOD SEWER IMPROVEMENTS
ORANGE WATER AND SEWER AUTHORITY
CARRBORO, NORTH CAROLINA
BID DATE: JANUARY 20, 2022 @ 11:00 A.M.

				LOW BID		2ND LOW BID		11/12/2021 ESTIMATE	
				PIPELINE UTILITIES, INC.		MOFFAT PIPE, INC.		NA	
				TOTAL BID =	$2,315,000.00	TOTAL BID =	$3,119,745.00	TOTAL BID =	$0.00
Pay Item No.	Description	Unit	Estimated Quantity	Unit Price Bid	Extended Total	Unit Price Bid	Extended Total	Unit Price Bid	Extended Total
1	Mobilization, Demobilization, Surveying and Layout, Etc. (8% Max)	LS	1	$183,000.00	**$183,000.00**	$249,500.00	**$249,500.00**		**$0.00**
2	Furnish and Install Required Bypass Pumping Facilities During Construction	LS	1	$50,000.00	**$50,000.00**	$150,000.00	**$150,000.00**		**$0.00**
3	Furnish and Install Traffic Control Devices	LS	1	$5,212.00	**$5,212.00**	$50,000.00	**$50,000.00**		**$0.00**
4	Perform Clearing, Grubbing, Pavement Removal, and Site Preparation	LS	1	$96,770.00	**$96,770.00**	$125,000.00	**$125,000.00**		**$0.00**
5	Perform Additional Excavation	CY	150	$28.00	**$4,200.00**	$35.00	**$5,250.00**		**$0.00**
6	Perform Additional Backfilling	CY	150	$36.00	**$5,400.00**	$60.00	**$9,000.00**		**$0.00**
7	Furnish and Place “Additional” Compacted Crushed Stone Bedding	CY	330	$92.00	**$30,360.00**	$80.00	**$26,400.00**		**$0.00**
8	Furnish and Place Permanent Access Road #1	LS	1	$19,150.00	**$19,150.00**	$85,000.00	**$85,000.00**		**$0.00**
9	Furnish and Install "Permanent Steel Sheet Pile"	SF	800	$89.00	**$71,200.00**	$142.00	**$113,600.00**		**$0.00**
10	Furnish and Place Type II Separator Geotextile Fabric	SY	670	$1.00	**$670.00**	$2.00	**$1,340.00**		**$0.00**
11	Erect and Maintain Silt Fence (0227000)	LF	1700	$3.00	**$5,100.00**	$3.00	**$5,100.00**		**$0.00**
12	Furnish and Install Silt Fence Outlet (SF-2)	EA	10	$100.00	**$1,000.00**	$190.00	**$1,900.00**		**$0.00**
13	Construct and Maintain Stone Check Dams (0227003)	EA	12	$250.00	**$3,000.00**	$330.00	**$3,960.00**		**$0.00**
14	Construct and Maintain Stone Filters	EA	2	$150.00	**$300.00**	$200.00	**$400.00**		**$0.00**
15	Construct and Maintain Stone Filter Inlet Protection (0227010)	EA	2	$400.00	**$800.00**	$200.00	**$400.00**		**$0.00**
16	Furnish and Install Straw with Net Temporary Ditch Lining (Type 1)	SY	400	$3.00	**$1,200.00**	$2.00	**$800.00**		**$0.00**
17	Furnish and Install Ditch Erosion Detention Blanket Ditch Lining (Type 2)	SY	520	$5.00	**$2,600.00**	$3.00	**$1,560.00**		**$0.00**
18	Furnish and Place Class I Riprap	TON	150	$75.00	**$11,250.00**	$70.00	**$10,500.00**		**$0.00**
19	Furnish and Place Class II Riprap	TON	150	$75.00	**$11,250.00**	$70.00	**$10,500.00**		**$0.00**
20	Furnish and Place Temporary Gravel Construction Entrance/Exit	EA	3	$6,000.00	**$18,000.00**	$2,000.00	**$6,000.00**		**$0.00**
21	Furnish and Place Straw Bale Fence	LF	330	$5.00	**$1,650.00**	$6.00	**$1,980.00**		**$0.00**
22	Furnish and Place Curb Inlet Sediment Control/or Sediment Tube Inlet Protection	EA	8	$75.00	**$600.00**	$200.00	**$1,600.00**		**$0.00**
23	Furnish and Place "Orange" Warning and Barrier Fence	LF	460	$5.00	**$2,300.00**	$2.00	**$920.00**		**$0.00**
24	Furnish and Place Timber Mat Stream Crossing	EA	2	$5,000.00	**$10,000.00**	$20,000.00	**$40,000.00**		**$0.00**
25	Furnish and Place Stream Pump-Around	EA	2	$10,000.00	**$20,000.00**	$15,000.00	**$30,000.00**		**$0.00**
26	Furnish and Install Bored and Jacked Steel Casing Pipe Sta. 10+50 to Sta. 11+50	LS	1	$270,000.00	**$270,000.00**	$233,000.00	**$233,000.00**		**$0.00**
27	Furnish and Install Bored and Jacked Steel Casing Pipe Sta. 20+08 to Sta. 21+48	LS	1	$370,000.00	**$370,000.00**	$402,000.00	**$402,000.00**		**$0.00**
28	Miscellaneous Surface Restoration (not included in any other Pay Item)	LS	1	$1,050.00	**$1,050.00**	$23,500.00	**$23,500.00**		**$0.00**
29	Restoration of Sub-Base (Aggregate Base Course - Type ABC)	TON	50	$27.00	**$1,350.00**	$56.00	**$2,800.00**		**$0.00**
30	Restoration of Asphalt Concrete Base Course (B25.0C)	TON	200	$150.00	**$30,000.00**	$289.00	**$57,800.00**		**$0.00**
31	Restoration of Asphalt Concrete Surface Course (S9.5C)	TON	140	$150.00	**$21,000.00**	$270.00	**$37,800.00**		**$0.00**
32	Asphalt Binder for Plant Mix PG64-22	TON	25	**$521.36**	**$13,034.00**	**$521.36**	**$13,034.00**	**$0.00**	**$0.00**
33	Owner Asphalt Price Adjustment	LS	1	**$4,000.00**	**$4,000.00**	**$4,000.00**	**$4,000.00**	**$0.00**	**$0.00**
34	Milling Asphalt Pavement, 1½-Inch Depth	SY	580	$6.00	**$3,480.00**	$25.00	**$14,500.00**		**$0.00**
35	Restoration of Concrete Pavement, Driveways, and Sidewalks	SY	120	$99.00	**$11,880.00**	$200.00	**$24,000.00**		**$0.00**
36	Restoration of Concrete Curb and Gutter	LF	460	$46.00	**$21,160.00**	$50.00	**$23,000.00**		**$0.00**
37	Furnish and Install Precast Concrete Manhole No. 1 (9.76')	EA	1	$40,000.00	**$40,000.00**	$49,500.00	**$49,500.00**		**$0.00**
38	Furnish and Install Precast Concrete Manhole No. 2 (12.64')	EA	1	$29,000.00	**$29,000.00**	$42,000.00	**$42,000.00**		**$0.00**
39	Furnish and Install Precast Concrete Manhole No. 3 (9.97')	EA	1	$24,000.00	**$24,000.00**	$51,000.00	**$51,000.00**		**$0.00**
40	Furnish and Install Precast Concrete Manhole No. 4 (12.89')	EA	1	$19,000.00	**$19,000.00**	$28,000.00	**$28,000.00**		**$0.00**
41	Furnish and Install Precast Concrete Manhole No. 5 (15.09')	EA	1	$22,000.00	**$22,000.00**	$34,600.00	**$34,600.00**		**$0.00**
42	Furnish and Install Precast Concrete Manhole No. 6 (16.67')	EA	1	$39,000.00	**$39,000.00**	$55,500.00	**$55,500.00**		**$0.00**
43	Furnish and Install Precast Concrete Manhole No. 7 (10.38')	EA	1	$24,000.00	**$24,000.00**	$33,500.00	**$33,500.00**		**$0.00**
44	Furnish and Install Precast Concrete Manhole No. 8 (12.29')	EA	1	$22,000.00	**$22,000.00**	$28,500.00	**$28,500.00**		**$0.00**
45	Furnish and Install Precast Concrete Manhole No. 9 (14.32)	EA	1	$24,000.00	**$24,000.00**	$33,500.00	**$33,500.00**		**$0.00**
46	Furnish and Install Precast Concrete Manhole No. 10 (13.73)	EA	1	$24,000.00	**$24,000.00**	$36,500.00	**$36,500.00**		**$0.00**
47	Furnish and Install Precast Concrete Manhole No. 11 (10.00')	EA	1	$34,000.00	**$34,000.00**	$34,500.00	**$34,500.00**		**$0.00**
48	Furnish and Install Precast Concrete Manhole No. 6A (14.91')	EA	1	$42,000.00	**$42,000.00**	$34,500.00	**$34,500.00**		**$0.00**
49	Furnish and Install Precast Concrete Manhole No. 7A (11.34')	EA	1	$21,000.00	**$21,000.00**	$27,500.00	**$27,500.00**		**$0.00**
50	Furnish and Install Precast Concrete Manhole No. 8A (11.16')	EA	1	$34,000.00	**$34,000.00**	$35,500.00	**$35,500.00**		**$0.00**
51	Maintenance and Restoration of Unpaved Surfaces	LS	1	$15,000.00	**$15,000.00**	$49,000.00	**$49,000.00**		**$0.00**
52	Furnish and Install Class B (3,000 PSI) Concrete for Incidental Concrete, Concrete Manhole Ballast, Concrete Pipe Ballast, Concrete Arch, Concrete Encasement, and Concrete Thrust Blocking (does not include Excavatable Flowable Fill or Pumpable Flowable Fill)	CY	110	$460.00	**$50,600.00**	$500.00	**$55,000.00**		**$0.00**

53	Furnish and Install 16-Inch Anti-Seepage Collar	EA	2	$1,570.00	**$3,140.00**	$6,000.00	**$12,000.00**		**$0.00**
54	Furnish and Install 12-Inch Anti-Seepage Collar	EA	2	$1,570.00	**$3,140.00**	$5,000.00	**$10,000.00**		**$0.00**
55	Furnish and Install 12-Inch Thrust Collar	EA	5	$1,870.00	**$9,350.00**	$10,000.00	**$50,000.00**		**$0.00**
56	Furnish and Install 16-Inch Thrust Collar	EA	2	$2,283.00	**$4,566.00**	$11,000.00	**$22,000.00**		**$0.00**
57	Furnish and Install Excavatable Flowable Fill (Trench Backfill Only)	CY	30	$276.00	**$8,280.00**	$450.00	**$13,500.00**		**$0.00**
58	Furnish and Install 16-Inch DI Push-On Joint Pipe (PC 350)								
	(1) 0-6' depth	LF	120	$272.00	**$32,640.00**	$295.00	**$35,400.00**		**$0.00**
	(2) >6'-8' depth	LF	170	$273.00	**$46,410.00**	$308.00	**$52,360.00**		**$0.00**
	(3) >8'-10' depth	LF	203	$277.00	**$56,231.00**	$324.00	**$65,772.00**		**$0.00**
	(4) >10'-12' depth	LF	250	$285.00	**$71,250.00**	$344.00	**$86,000.00**		**$0.00**
	(5) >12'-14' depth	LF	77	$321.00	**$24,717.00**	$371.00	**$28,567.00**		**$0.00**
	(6) >14'-16' depth	LF	68	$345.00	**$23,460.00**	$410.00	**$27,880.00**		**$0.00**
	(7) >16'-18' depth	LF	71	$394.00	**$27,974.00**	$466.00	**$33,086.00**		**$0.00**
	(8) >18'-20' depth	LF	18	$550.00	**$9,900.00**	$562.00	**$10,116.00**		**$0.00**
59	Furnish and Install 16-Inch DI Restrained Joint Pipe (PC 350)								
	(1) 0-6' depth	LF	33	$309.00	**$10,197.00**	$339.00	**$11,187.00**		**$0.00**
	(2) >6'-8' depth	LF	17	$310.00	**$5,270.00**	$352.00	**$5,984.00**		**$0.00**
	(3) >8'-10' depth	LF	27	$312.00	**$8,424.00**	$367.00	**$9,909.00**		**$0.00**
	(4) >10'-12' depth	LF	10	$320.00	**$3,200.00**	$388.00	**$3,880.00**		**$0.00**
	(5) >12'-14' depth	LF	19	$357.00	**$6,783.00**	$415.00	**$7,885.00**		**$0.00**
	(6) >14'-16' depth	LF	13	$382.00	**$4,966.00**	$453.00	**$5,889.00**		**$0.00**
60	Furnish and Install 12-Inch DI Push-On Joint Pipe (PC 350)								
	(1) 0-6' depth	LF	42	$239.00	**$10,038.00**	$239.00	**$10,038.00**		**$0.00**
	(2) >6'-8' depth	LF	14	$242.00	**$3,388.00**	$252.00	**$3,528.00**		**$0.00**
	(3) >8'-10' depth	LF	7	$246.00	**$1,722.00**	$268.00	**$1,876.00**		**$0.00**
	(4) >10'-12' depth	LF	11	$254.00	**$2,794.00**	$288.00	**$3,168.00**		**$0.00**
	(5) >12'-14' depth	LF	24	$291.00	**$6,984.00**	$315.00	**$7,560.00**		**$0.00**
	(6) >14'-16' depth	LF	22	$316.00	**$6,952.00**	$353.00	**$7,766.00**		**$0.00**
61	Furnish and Install 8-Inch DI Push-On Joint Pipe (PC 350)								
	(1) 0-6' depth	LF	0	$212.00	**$0.00**	$0.00	**$0.00**		**$0.00**
	(2) >6'-8' depth	LF	24	$212.00	**$5,088.00**	$185.00	**$4,440.00**		**$0.00**
	(3) >8'-10' depth	LF	70	$216.00	**$15,120.00**	$193.00	**$13,510.00**		**$0.00**
62	Furnish and Install 40 LF of 30-Inch Class IV RCP with Two (2) Flared End Sections	LS	1	$9,800.00	**$9,800.00**	$11,000.00	**$11,000.00**		**$0.00**
63	Remove and Dispose of Existing Pipe	LF	140	$40.00	**$5,600.00**	$10.00	**$1,400.00**		**$0.00**
64	Remove and Reinstall Existing Fire Hydrant Assembly (w/valve and pipe)	LS	1	$3,800.00	**$3,800.00**	$8,000.00	**$8,000.00**		**$0.00**
65	Cut and Plug Existing Pipe	EA	23	$678.00	**$15,594.00**	$1,500.00	**$34,500.00**		**$0.00**
66	Fill Existing Interceptor with Pumpable Flowable Fill	CY	60	$543.00	**$32,580.00**	$650.00	**$39,000.00**		**$0.00**
67	Remove and Dispose of Existing Manhole	EA	2	$2,103.00	**$4,206.00**	$2,400.00	**$4,800.00**		**$0.00**
68	Breakdown and Fill Existing Manhole	EA	5	$1,800.00	**$9,000.00**	$3,000.00	**$15,000.00**		**$0.00**
69	Furnish and Install Utility Conflict Concrete Curb Inlet	LS	1	$12,870.00	**$12,870.00**	$24,000.00	**$24,000.00**		**$0.00**
70	Landscaping Allowance	LS	1	**$14,000.00**	**$14,000.00**	**$14,000.00**	**$14,000.00**	**$0.00**	**$0.00**
71	Contingency Allowance	LS	1	**$30,000.00**	**$30,000.00**	**$30,000.00**	**$30,000.00**	**$0.00**	**$0.00**

CECO *CARTER ENGINEERING COMPANY*

K.F. CARTER ENGINEERING COMPANY, PLLC

ENGINEER'S CERTIFICATION:

THE BIDS TABULATED HEREIN WERE OPENED AND READ ALOUD AT 11:00 A.M., LOCAL TIME ON JANUARY 20, 2022 IN THE ORANGE WATER AND SEWER AUTHORITY BOARD ROOM, 400 JONES FERRY ROAD CARRBORO, NC. THE BID TABULATION IS CORRECT IN THAT IT CONTAINS THE UNIT PRICES AS PRESENTED ON THE ORIGINAL BID PROPOSAL OF EACH BIDDER. THE BIDS ARE STILL BEING EVALUATED BY THE ORANGE WATER AND SEWER AUTHORITY.

K. F. CARTER ENGINEERING COMPANY, PLLC

Kevin F. Carter

KEVIN F. CARTER, P.E.
PRESIDENT
JANUARY 20, 2022

NORTH CAROLINA PROFESSIONAL SEAL 10952 ENGINEER KEVIN F. CARTER

01/20/2022

Resolution Awarding a Construction Contract for the Bolinwood Interceptor Construction Project

Whereas, there is a need to replace and upsize the sewer mains along the Bolinwood sewer interceptor, running parallel to Martin Luther King Jr. Boulevard due to its capacity and condition; and

Whereas, plans and specifications were prepared by Carter Engineering; and

Whereas, advertisement to bid was published on the websites of the North Carolina Institute of Minority Economic Development, North Carolina Department of Administration, and OWASA on December 1, 2021; and

Whereas, after receiving only two bids on the first bid opening date of January 13, 2022 the project was re-bid; and

Whereas two bids were subsequently received on January 20, 2022; and

Whereas, Pipeline Utilities, Inc. of Raleigh, North Carolina has been determined to be the low responsive, responsible bidder for the project; and

Whereas, on June 10, 2021 the Board approved a resolution authorizing funds for Capital Improvement Projects, including funds for this project;

Now, Therefore, Be It Resolved:

1. That the Orange Water and Sewer Authority Board of Directors awards the construction contract to Pipeline Utilities, Inc., the low responsive, responsible bidder for the Bolinwood Interceptor Construction Project, in accordance with the approved plans and specifications, in the amount of $2,315,000.00, subject to such change orders as may apply.

2. That the Executive Director be, and hereby is, authorized to execute said contract, subject to prior approval of legal counsel, and to approve and execute change orders and such documents as may be required in connection with the construction contract.

Adopted this 24th day of February 2022.

_____
Jo Leslie Eimers, Chair

ATTEST:

_____
John N. Morris, Secretary

Agenda Item:

- **Sole Source Procurement of new Biogas System Equipment for the Mason Farm Wastewater Treatment Plant**

Purpose:

- To recommend that the OWASA Board of Directors approve purchase of equipment through sole source process for a new Biogas System for the Mason Farm Wastewater Treatment Plant (WWTP).

Background:

- The Project includes rehabilitation of an existing, aging biogas system at the Mason Farm WWTP with new biogas equipment including redundant torch, feed lines, and control system improvements. The project was identified as a prioritized need due to the poor condition of the existing system that indicated significant corrosion and dated components.

- State statute allows governing boards to authorize non-competitive purchases of equipment under a sole-source exception under three specific conditions, including instances where "standardization or compatibility is the overriding consideration".

- The proposed procurement components covered in this authorization are from the original equipment manufacturer Varec, Inc. and will provide critical standardization and compatibility between new equipment and rest of the existing biogas system.

Action Requested:

- Board approval of the Resolution Approving a Sole Source Procurement of new Biogas System Equipment for the Mason Farm Wastewater Treatment Plant.

February 24, 2022

Memorandum

To: Board of Directors

Through: Todd Taylor

From: Simon Lobdell, P.E.

Date: February 17, 2022

Subject: Sole Source Procurement of new Biogas System Equipment for the Mason Farm Wastewater Treatment Plant (WWTP)

Purpose:

This memorandum provides justification for a non-competitive, or "sole source" procurement of new biogas system equipment.

Background:

Biogas is produced during the anaerobic digestion of organic materials within the digesters and fermenter at the Mason Farm WWTP. The biogas removal system consists of gas lines and valves to remove the produced gas from the treatment process. The biogas can be used within boilers to heat the digesters or excess gas can be burned with the use of a flare.

Components of the existing biogas system are currently in poor condition due to corrosion and are nearing the end of useful life. Also, the current biogas system lacks redundancy since the plant has only one flare to burn the excess biogas produced. Additionally, the electrical controls are obsolete and in need of immediate replacement. There are also operational and maintenance and safety concerns due to the age of the system and the required manual operation of the flare settings to maintain gas volume and pressures. Design is underway for the rehabilitation of the existing system with new biogas equipment including a redundant flare, feed lines, and control system improvements.

The current and original equipment, manufactured by Varec Biogas, Inc. (Varec), has performed well for the past several years, and has met process needs in addition to providing ease of operation. The sole source procurement described below is for the main gas burner unit and ignition system, pressure relief and flame trap assembly. Procuring these components from Varec will ensure compatibility and reliable operations.

Sole Source Procurement:

NCGS 143-129(e)(g) allows governing boards to authorize non-competitive purchases of apparatus, supplies, materials, or equipment under a sole-source exception under three

specific conditions, including instances where "*standardization or compatibility is the overriding consideration*".

Standardization and compatibility between the new equipment and the remaining existing biogas equipment is critical for this application. As the original supplier of the biogas flare, the new Varec parts are warranted to be compatible with the rest of the biogas system, existing controls and will be coordinated with the existing flare. Training and operational understanding between the pieces of biogas equipment will also be consistent.

Should the Board support the sole source procurement of this equipment, staff will proceed to negotiate a scope of supply and price for the Varec biogas removal unit and procure the equipment.

Action Needed:

Board approval of the Resolution Approving a Sole Source Procurement for New Biogas Equipment for the Mason Farm Wastewater Treatment Plant (WWTP)

Simon Lobdell, P.E.
Utilities Engineer

Attachment: Resolution Approving a Sole Source Procurement for New Biogas Equipment for the Mason Farm WWTP

Resolution Approving a Sole Source Procurement of New Biogas System Equipment for the Mason Farm Wastewater Treatment Plant (WWTP)

Whereas, State of North Carolina General Statute (GS) 143-129 (Procedure for letting of public contracts) allows a governing board to approve purchases of apparatus, supplies, materials or equipment through a non-competitive, or "sole source," process when: (i) performance or price competition are not available; (ii) a needed product is available from only one source of supply; or (iii) standardization or compatibility is the overriding consideration; and

Whereas, there is an existing biogas removal system comprised of gas burner unit, feed lines, valves, single torch at the Mason Farm WWTP that requires installation of new biogas equipment components due to corrosion and end of useful life; and

Whereas, standardization and compatibility of the new and existing biogas equipment is essential to efficient and reliable function; and

Whereas, the new biogas equipment comprising of gas burner unit and ignition system, pressure relief and flame trap assembly equipment as manufactured by Varec Biogas, Inc., are the only model parts available which would provide the essential standardization and compatibility with existing biogas equipment at the Mason Farm WWTP; and

Whereas, pursuant to GS 143-129, the OWASA Board of Directors is required to approve purchases made through the sole source process prior to the award of the contract;

Now, Therefore, Be It Resolved:

1. That the Board of Directors has concluded that a sole source procurement for the Varec, Inc. Biogas Equipment (gas burner unit and ignition system, pressure relief and flame trap assembly) is appropriate because standardization or compatibility is the overriding consideration.

2. That the Board of Directors hereby approves the sole source procurement of equipment for the rehabilitation of the Mason Farm WWTP biogas flare manufactured by Varec Biogas, Inc. for the Mason Farm WWTP.

3. This resolution shall take effect immediately upon its passage.

Adopted this 24th day of February 2022.

_____
Jo Leslie Eimers, Chair

Attest:

_____
John N. Morris, Secretary

Orange Water and Sewer Authority

Virtual Meeting of the Board of Directors

January 27, 2022

The Board of Directors of the Orange Water and Sewer Authority (OWASA) held its duly noticed regular work session by virtual means in accordance with law, on Thursday, January 27, 2022, at 6:00 p.m. utilizing Microsoft Teams software.

Board Members attending virtually: Jody Eimers (Chair), Yinka Ayankoya (Vice Chair), John N. Morris (Secretary), Todd BenDor, Bruce Boehm, Raymond (Ray) DuBose, and Kevin Leibel.

OWASA staff attending virtually: Amy Armbruster, Mary Darr, Robert Epting, Esq. (Epting and Hackney), Vishnu Gangadharan, Christopher Giesting, Andrea Orbich, Johnny Riley, Ruth Rouse, Allison Spinelli, Todd Taylor, Mary Tiger, Stephen Winters, and Richard Wyatt.

Others attending virtually: Greg Characklis (Aqua Risk Management), Monica Dodson, Karen Karvazy, Reed Palmer (Hazen), and Kelly Satterfield.

Motions

1. BE IT RESOLVED THAT the Board of Directors of the Orange Water and Sewer Authority adopts the Resolution Awarding a Construction Contract to Martin Starnes & Associates, CPAs, P.A. and Authorizing Chair of the Board of Directors and the Finance Officer to Execute Said Contract. (Motion by John Morris, second by Kevin Leibel and the motion unanimously approved.)

2. BE IT RESOLVED THAT the Board of Directors of the Orange Water and Sewer Authority adopts the Resolution Accepting a Low-Interest Loan Offer from the State of North Carolina, and Authorizing Executive Director to Execute and Administer all Related Loan Offer and Acceptance Documents. (Motion by John Morris, second by Kevin Leibel and the motion unanimously approved.)

3. Todd BenDor made a Motion that the Board of Directors authorizes staff to discuss with the Western Intake Partners the parties' interests and values in securing access to Jordan Lake with west side intake project; second by Bruce Boehm and the Motion was unanimously approved.

4. Todd BenDor made a Motion that the Board of Directors approves the proposed Water Conservation Plan Guiding Principles as amended; second by Ray DuBose and the Motion was unanimously approved.

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Announcements

Chair Jody Eimers announced that due to COVID-19 public health concerns, the OWASA Board of Directors held this meeting virtually utilizing Microsoft Teams software. Ms. Eimers stated that Board Members, General Counsel, and staff participated in the meeting remotely.

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Chair Eimers asked if any Board Member knew of a conflict of interest or potential conflict of interest with respect to any item on the agenda tonight to disclose the same at this time. None were disclosed.

Chair Eimers said on January 19, 2022, an OWASA Orientation was held for newly elected Carrboro Town Council Member Danny Nowell.

Chair Eimers said on January 20, 2022, she attended the Orange County Climate Council meeting, and the Council received an update on the local governments' deliberations on the purpose of the Council as well as discussed officer terms and elections. The next meeting is scheduled for February 17, 2022.

Ray DuBose announced that on January 19, 2022, Jody Eimers, Todd Taylor and he met with Orange County Board of County Commissioners Renee Price (Chair) and Jamezetta Bedford (Vice Chair). OWASA topics included: resuming standard collection practices; update on Long-Range Water Supply Plan; Energy Management; update on the Mountains-to-Sea Trail; Diversity and Inclusion Program update; Strategic Plan update; and forming a temporary working group to encourage minority application to the OWASA Board.

John Morris announced the Chapel Hill Town Council's OWASA Committee and the Chapel Hill Appointees to the OWASA Board of Directors will meet via Zoom on Tuesday, February 15, 2022, 10:00 a.m. OWASA topics for the meeting: Long-Range Water Supply Plan update including community engagement; information on rates charged to affordable housing providers; Strategic Plan update; and OWASA Board Membership.

Mary Tiger, Strategic Initiatives Manager, announced the Board and leadership staff held the third Strategic Planning Work Session on January 26, 2022, to reviewed draft vision, mission, and values as well as to identify top strategic priorities for the new Strategic Plan.

Petitions and Requests

Chair Eimers said no petitions or requests were received from the public.

Without objection, the Board agreed to forego presentations on items 8 and 9 (Financial Report for the Six-Month Period Ended December 31, 2021 and Fiscal Year 2023 Budget Calendar and Assumptions).

Chair Eimers requested the Board's February 10, 2022 Agenda include an item to discuss increasing Board Member compensation to encourage public interest in applying for appointment to the OWASA Board of Directors; the Board agreed.

Chair Eimers asked for petitions and requests from staff; there were none.

Item One: 12 Month Board Meeting Schedule

The Board accepted this as an information item.

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Item Two: Capital Improvements Program Semiannual Report

The Board accepted this as an information item.

Item Three: Resolution Awarding Audit Contract to Martin Starnes & Associates, CPAs, P.A. and Authorizing Chair of the Board of Directors and the Finance Officer to Execute Said Contract

John Morris made a Motion to approve the resolution, second by Kevin Leibel and the resolution was unanimously approved. Please see Motion 1.

Item Four: Resolution Accepting a Low-Interest Loan Offer from the State of North Carolina, and Authorizing Executive Director to Execute and Administer all Related Loan Offer and Acceptance Documents

John Morris made a Motion to approve the resolution, second by Kevin Leibel and the resolution was unanimously approved. Please see Motion 2.

Item Five: Long-Range Water Supply Plan: Select Water Supply Alternative

The Board agreed to add a future agenda item regarding methods to value OWASA's property on Jordan Lake.

After considerable Board and staff discussion, Todd BenDor made a Motion that the Board of Directors authorize staff to discuss with the Western Intake Partners the parties' interests and values in securing access to Jordan Lake with west side intake project; second by Bruce Boehm and the Motion was unanimously approved. Please see Motion 3.

Without objection, the Board agreed staff will provide the Long-Range Water Supply Plan (LRWSP) Community Engagement Plan on February 10, 2022.

Staff will E-mail the Board information on LRWSP sensitivity analysis completed on the yield of OWASA's reservoirs previously presented in 2020.

Item Six: Approve Water Conservation Plan Guiding Principles and Introduce Preliminary Gap Analysis

Bruce Boehm suggested Guiding Principles 2, second sentence be reworded to include "per gallon saved."

Todd BenDor made a Motion that the Board of Directors approves the proposed Water Conservation Plan Guiding Principles as amended; second by Ray DuBose and the Motion was unanimously approved.

Item Seven: 2021 Annual Lakes Recreation Report

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The Board requested a future agenda item to discuss lake recreation including a draft plan with answers to common questions.

Item Eight: Financial Report for the Six-Month Period Ended December 31, 2021

The Board received this as an information item.

Item Nine: Fiscal Year 2023 Budget Calendar and Assumptions

The Board received this as an information item.

Item Ten: Summary of Board Meeting Action Items

Todd Taylor noted the following staff action items;

- Add a discussion of Board Member compensation to encourage public interest in applying for appointment as an OWASA Board Member at the February 10th Board Meeting;
- Add land evaluation item to a future Board agenda;
- Email the Board the Long-Range Water Supply Plan yield curve sensitivity analysis; and
- Add a lake recreation discussion item to a future Board meeting; and

Item Eleven: Closed Session

There was no further discussion to come before the Board and without objection, the Board of Directors convened in a Closed Session for the purpose of discussing a personnel matter as provided in N.C. General Statutes 143.318.11(6).

Following the Closed Session, the Board reconvened in open session, reported no action was taken in the Closed Session, and the meeting adjourned at 8:22 p.m.

Respectfully submitted by:

Andrea Orbich
Executive Assistant/Clerk to the Board

Attachments

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Orange Water and Sewer Authority

Closed Session of the Board of Directors

February 10, 2022

The Board of Directors of Orange Water and Sewer Authority met virtually in Closed Session on Thursday, February 10, 2022, following the Board meeting.

Board Members attending virtually: Jody Eimers (Chair), Yinka Ayankoya (Vice Chair), John Morris (Secretary), Todd BenDor, Bruce Boehm, and Ray DuBose. Board Member absent: Kevin Leibel.

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Item One

The Board of Directors met in Closed Session without General Counsel to evaluate the semiannual summary of significant activities of General Counsel from September 2021 to February 2022.

No official action was taken at the meeting.

The meeting was adjourned at 8:40 p.m.

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Raymond E. DuBose, P.E., Chair
Human Resources Committee

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Agenda Item:

- Long-Range Water Supply Plan (LRWSP): Future of OWASA-owned Property for Water Supply and Treatment Facilities in Chatham County

Purpose:

- The purpose of this agenda item is to:
    - Determine if the Board of Directors agrees with staff and General Counsel that the highest and best use of property OWASA currently owns in Chatham County is for a water supply and treatment facility
    - Declare OWASA's intention to provide use of said property to the Western Intake Partners for the construction of a regional water supply and treatment facility
    - Inform the Western Intake Partners that OWASA is open to a fair and reasonable exchange of said property for measures that secure OWASA's access to our allocation of Jordan Lake water and other expressed interests in the facility.

Action:

- Staff and Counsel believe that the highest and best use of OWASA's property is as a site for a new water supply and treatment facility regardless of OWASA's participation in a regional facility at this time. If the Board agrees, we suggest a motion to approve a resolution (draft resolution attached).

  Motion to approve Resolution to Document Intention to Provide Orange Water and Sewer Authority's (OWASA) Property in Chatham County to Western Intake Partners for Purposes of a Water Supply and Treatment Facility in Exchange for measures that secure OWASA's access to its allocation of Jordan Lake water and other expressed interests in the facility.

MEMORANDUM

To: Board of Directors

Through: Todd Taylor

From: Ruth Rouse, Planning and Development Manager

Date: February 18, 2022

Subject: Long-Range Water Supply Plan (LRWSP): Future of OWASA-owned Property for Water Supply and Treatment Facilities in Chatham County

Purpose

The purpose of this agenda item is to:

- Determine if the Board of Directors agrees with staff and General Counsel that the highest and best use of property OWASA currently owns in Chatham County is for a water supply and treatment facility
- Declare OWASA's intention to provide use of said property to the Western Intake Partners for the construction of a regional water supply and treatment facility
- Inform the Western Intake Partners that OWASA is open to a fair and reasonable exchange of said property for measures that secure OWASA's access to our allocation of Jordan Lake water and other expressed interests in the facility.

Background

- Jordan Lake is federal, multi-purpose reservoir filled in 1982. One of its designated purposes is water supply, and it has a dedicated water supply pool for this purpose.
- OWASA has had an allocation of water from Jordan Lake since 1988.
- In 1989, OWASA purchased approximately 125 acres of property in Chatham County for the purpose of constructing a new water supply and treatment facility on Jordan Lake.
- OWASA and 12 other local governments and water systems created the Jordan Lake Partnership in 2009 to collaboratively plan for the future of water supply in the Triangle Region, including the use of Jordan Lake.
- In 2014, four members of the Jordan Lake Partnership - City of Durham, Chatham County, Town of Pittsboro, and OWASA began working together to identify how best to access their allocations of water from Jordan Lake. The study entitled "Jordan Lake Partnership Western Intake Feasibility Study" demonstrated that developing one regional

intake and treatment facility was the most cost-effective mechanism for each utility to access its Jordan Lake allocation. This study assumed that the proposed water supply and treatment facilities would be sited on OWASA's property.

- These four entities have continued working together on regional water supply. Planning level work has begun with the goal of having the proposed water supply and treatment facilities operational by 2031.
- OWASA recognizes that regardless of whether we participate in the proposed facility at this time, the new water supply and treatment facility provides reliability and resiliency to the Triangle Region and we support development of the facility.

OWASA Interests in Discussions with the Western Intake Partners

The Board of Directors has identified Jordan Lake as the most viable source of water to augment our existing supplies to meet our needs for the next fifty years. Jordan Lake also helps diversify our water supplies to ensure our needs are met during extended droughts. At its January 27, 2022 meeting, the Board of Directors authorized staff to begin discussions with the Western Intake Partners about options to secure our access to our Jordan Lake allocation. Our interests in those discussions are to ensure that:

- OWASA has access to its Jordan Lake allocation to secure our water supply.
- Infrastructure that will be needed to meet OWASA's demands, but that are difficult or costly to expand in the future, are built.
- Impact on near-term water rates is minimized.
- We will maintain our allocation of Jordan Lake water.
- Our working relationships with our utility partners are important to OWASA, and OWASA is committed to maintaining them.
- We share with those partners a commitment to providing our customers with high quality drinking water.

Next Steps and Staff and Counsel Recommendation

Staff and Counsel believe that the highest and best use of OWASA's property is as a site for a new water supply and treatment facility. The Western Intake Partners are moving ahead with the planning, permitting, and preliminary design of the proposed facilities based on the assumption that the facilities will be constructed on OWASA's property. They recently signed contracts for approximately $5 million to begin this work. Thus, we recommend that OWASA formally state that it is OWASA's intention to provide use of said property to the Western Intake Partners for the construction of a regional water supply and treatment facility and that we do so now. If the Board agrees with this recommendation, we suggest a motion to approve a resolution (draft resolution attached).

Motion to approve Resolution to Document Intention to Provide Orange Water and Sewer Authority's (OWASA) Property in Chatham County to Western Intake Partners for Purposes of a Water Supply and Treatment Facility in Exchange for Measures that Secure OWASA's Access to its Allocation of Jordan Lake Water and other Expressed Interests in the Facility.

Ruth C. Rouse

Ruth Rouse
Planning and Development Manager

Attachment - Draft Resolution

Resolution to Document Intention to Provide Orange Water and Sewer Authority's (OWASA) Property in Chatham County to Western Intake Partners for Purposes of a Water Supply and Treatment Facility in Exchange for Measures that Secure OWASA's Access to its Allocation of Jordan Lake Water and other Expressed Interests in the Facility

Whereas, Orange Water and Sewer Authority (OWASA) has had an allocation of water from Jordan Lake since 1988; and

Whereas, in 1989, OWASA purchased approximately 125 acres of property in Chatham County for the purpose of constructing a new water supply and treatment facility on Jordan Lake; and

Whereas, OWASA and twelve other local governments created the Jordan Lake Partnership in 2009 to collaboratively plan for the future of water supply in the Triangle Region, including the use of Jordan Lake; and

Whereas, four members of the Jordan Lake Partnership - City of Durham, Chatham County, Town of Pittsboro (Western Intake Partners), and OWASA began working together in 2014 to identify how best to access their allocations from Jordan Lake; and

Whereas, a study completed in October 2014 entitled "Jordan Lake Partnership Western Intake Feasibility Study" demonstrated that developing one regional intake and treatment facility was the most cost-effective mechanism for each utility to access its Jordan Lake allocation, and this study assumed the proposed water treatment plant would be sited on OWASA's property in Chatham County; and

Whereas, these four entities have continued working together on regional water supply. Planning level work has begun with the goal of having the proposed water supply and treatment facilities operational by 2031; and

Whereas, OWASA has analyzed the community's future water demands as part of this update of the Long-Range Water Supply Plan and determined that existing supplies and demand management strategies are insufficient to meet our future needs; and

Whereas, OWASA staff have completed a thorough review of supply alternatives against a set of guiding principles established by the Board of Directors on July 8, 2021; and

Whereas, the OWASA Board of Directors recognized that Jordan Lake is the preferred alternative to augment our existing local water supplies Cane Creek Reservoir, University Lake, and the Quarry Reservoir; and

Whereas, the OWASA Board of Directors recognizes that regardless of whether we participate in the proposed facility at this time, the new water supply and treatment facility provides reliability and resiliency to the Triangle Region and we support development of the facility:

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Now, Therefore Be It Resolved:

1. That the Board of Directors of the Orange Water and Sewer Authority intends to provide OWASA's land to the Western Intake Partners in exchange for measures that secure OWASA's access to its allocation of Jordan Lake water and other expressed interests in the Facility.

Adopted this 24th day of February 2022.

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Jo Leslie Eimers, Chair

ATTEST:

_____
John N. Morris, Secretary

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Agenda Item:

- Approval of Strategic Plan Priorities

Purpose:

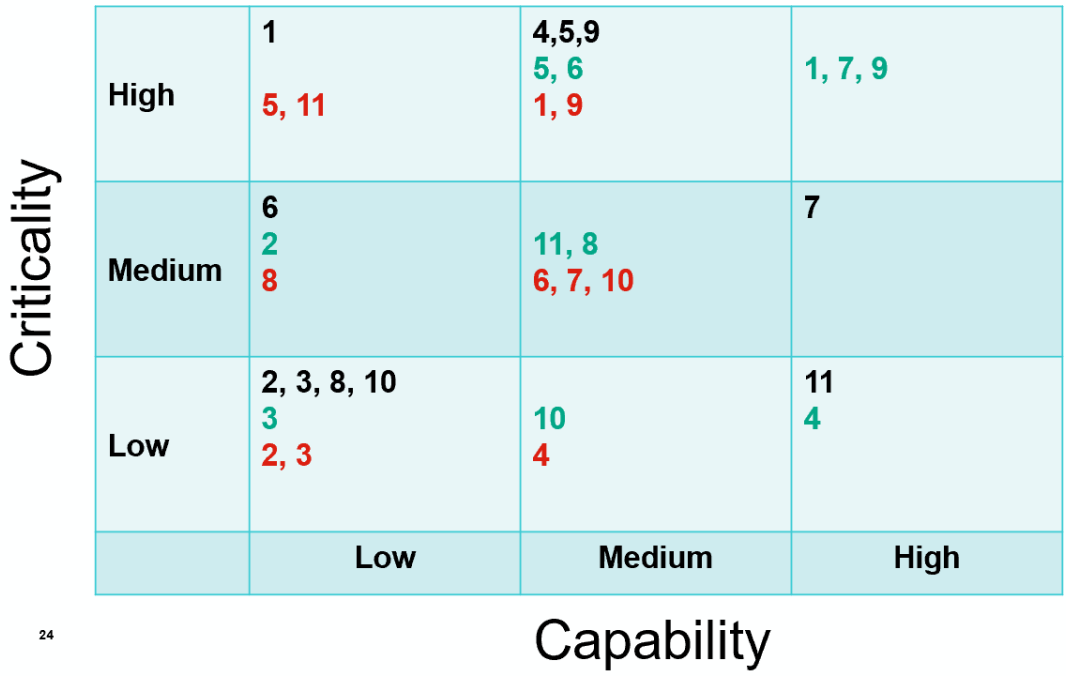
- To approve strategic priorities be included in OWASA's new strategic plan and review an updated draft of our vision, mission, and value statements

Background:

- On January 26, 2022, the OWASA Board of Directors and staff leadership held a work session to review and discuss draft vision, mission, and value statements, to consider strategic opportunities, and to identify five to six top strategic priorities to include in OWASA's new strategic plan. (Link to agenda).

- After identifying and refining a list of 11 potential priorities, small groups in the work session ranked the organizational criticality and capability of each priority, as summarized in the framework below.

CRITICAL SUCCESS EXERCISE RESULTS



Top Priorities: Although, there was a range of perspectives, there were three clear top priorities of each group.

1. Adapting the effects of climate change and land use change
5. Recruiting, developing, and retaining high qualified and diverse employees and Board members

9. Providing reliable and resilient service and minimizing service interruptions

High Priorities: The following priorities were in the next tier of ranking, skewing high on criticality and/or capability.

4. Building community understanding and confidence in OWASA's products and services
6. Maintaining affordable and equitable services
7. Preparing for emergencies and cyber-security threats
11. Seeking out and utilizing new technology and innovative approaches to reduce costs and/or improve service delivery

Other Priorities: The following priorities skewed low in criticality and/or capability.

2. Mitigating climate change
3. Defining and implementing an approach to expanding the service area
8. Protecting water quality in regional streams and rivers
10. Supporting community sustainability efforts through projects and programs

- Unfortunately, the group ran out of time before coming back together and making final determination of the top strategic priorities. The Board of Directors requested that staff consider the feedback provided in the January 26 work session and propose five to six strategic priorities for the Board's review and approval.

Staff Recommendation for Strategic Priorities:

- Although staff leadership found the some of the priorities categorized as "Other priorities" to be important, none were elevated as top priorities for the organization in the next five to six years. Additionally, staff leadership thought that priority #11 (regarding new technology and innovative approaches) could be considered in the identification of strategic initiatives to advance each of the priorities and not a priority by itself. This left six strategic priorities to be included in the strategic plan.

- Staff recommends the following strategic priorities be included in the new strategic plans. The terminology has been simplified and slightly modified. Notes are regarding these suggested changes are listed below.

    - **Service reliability and resiliency**: The language of this priority has largely stayed the same as was discussed in the work session; service interruptions have been removed from the title for the sake of simplicity. Staff anticipates that metrics related to service interruptions will be used to measure our performance against this priority.

    - **Climate change and land use adaptation:** The language of this priority has largely stayed the same.

    - **Employee recruitment, retention, and development:** Staff proposes to remove the Board from this priority, as OWASA has minimal capability regarding the recruitment and retention of Board members. Additionally, although the terms "highly qualified" and

"diverse" have been removed from the priority's terminology, staff anticipates that related metrics will be used to measure our performance against this priority.

- **Equitable services**: This priority was simplified to equitable services to focus on strategic initiatives that would assist those in our community who face challenges with obtaining and paying for our services and not on initiatives to hold rates lower than what is needed to meet other organizational priorities. Financial stewardship is a long-held value of OWASA's and is proposed to be recognized as an organizational value (see attached information).

- **Emergency preparedness and cyber-security:** Although this priority could be incorporated into "resilient and reliable services", staff is recommending it as a separate priority because the community, Board of Directors, and stakeholders rated this priority high in their surveys.

- **Community engagement**: This priority is an adaptation of "building community understanding and confidence in OWASA's products and services". This priority was brought forward by staff leadership to recognize the informational gap that was apparent in the community survey and to help identify strategies to close that gap.

Next Steps:

- Staff seeks Board feedback on and approval of the proposed five to six strategic priorities to be included in the new strategic plan.

- Once approved, staff will organize task forces to identify goals for each strategic priority and a suite of strategic initiatives to achieve those goals. Staff will bring those goals and initiatives back to the Board for review and approval at a work session in April 2022 (to be scheduled).

- The following draft motion is proposed for the Board's consideration:

  "Motion to approve the strategic priorities, as proposed, and authorize staff to move forward with developing goals and initiatives to support the approved priorities."

Attachment:

- Working one-page draft of OWASA's vision, mission, values, and proposed strategic priorities

Orange Water and Sewer Authority (OWASA)

Strategic Plan (2023 – 2028)

Vision: To be our community's trusted partner for clean water and environmental protection.

Mission: Our dedicated Team delivers valuable water and sewer services that are essential to our community's health, environment, and economy through the stewardship of infrastructure and natural resources.

Values:

- Integrity – We can be counted on to use sound judgement and follow-through on our promises.
- Reliability – We are committed to consistently providing high-quality products and services.
- Teamwork and Partnership – We work together to achieve shared goals.
- Diversity and Inclusion – We invite and value diverse perspectives and experiences.
- Innovation – We take a creative approach and adapt to changing circumstances.
- Stewardship – We make wise and efficient use of the financial and natural resources with which we are entrusted.
- Equity – We work to ensure fair access to and delivery of our essential services.

Strategic Priorities - Proposed	Goals - TBD	Strategic Initiatives - TBD
Service reliability and resiliency		
Climate change and land use adaptation		
Employee recruitment, retention, and development		
Equitable services		
Emergency preparedness and cyber-security		
Community engagement		

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Agenda Item:

- Increasing Board Member Compensation to Encourage Public Interest in Applying for Appointment to the OWASA Board of Directors

Purpose:

- The Board will review and discuss Board Member compensation.

- OWASA Board members currently receive $50 per meeting. At its last meeting, the Board considered raising that stipend to $100.00 per meeting, and asked Counsel to prepare a Motion to effect such a change. For that purpose, the Board may consider the following Motion:

  "Motion that Board Member compensation be increased to $100.00 per meeting, to include Board meetings, Committee Meetings, and Special Meetings, and the Board Chair compensation be increased to $300 monthly, effective March 10, 2022."

Action:

- Board discussion, feedback and possible approval to increase Board Member compensation.