



Water, Sewer, and Solid Waste Committee

12 September 2023

5:30 P.M.

(Or immediately following City Council Agenda Session)

Committee: Council Member Teresa Turk, Council Member D’Andre Jones, Council Member Mike Wiederkehr, Council Member Scott Berna

Copy to: Mayor Lioneld Jordan, Paul Becker, Susan Norton, Kara Paxton, Kit Williams, Chris Brown, Alan Pugh, Terry Gulley, Ross Jackson, Peter Nierengarten, Brian Pugh, Corey Granderson, Aaron Watkins, Cody Ashworth, Greg Weeks, Jan Guy, Mayo Miller, Josh Alleman, Anna White, Rupa Jha, Nick Batker, Trent Williams

From: Tim Nyander, Utilities Director

CALL TO ORDER

UPDATES

PRESENTATIONS

1. Overview of July WWTP Monthly Report

Jacobs Engineering

2. Overview of Fayetteville’s Water & Sewer Infrastructure

Corey Granderson, Utilities Department Engineer

3. Rate Study Update

Black & Veatch Consulting

OLD BUSINESS:

NEW BUSINESS:

4. Nutanix Server Software Renewals

Nutanix is the software that runs the device servers at the wastewater treatment facilities, and it’s the heart of the SCADA system because it runs the City’s VTScada software. It communicates with all the control devices in the field, allows for operators to see the status of devices at the treatment facilities from a software interface.

Ingram Micro, Inc. submitted a quote in the amount of \$63,731.89 plus applicable taxes for a 3-year renewal of Nutanix server software. This will operate the device servers, provide support

service, and security updates for both wastewater treatment facilities through October 2026. Two other quotes were obtained, but they are more expensive, and Ingram Micro provides support and security updates which is helpful for staff.

Staff recommends a 3-year renewal of Nutanix server software renewal in the amount of \$63,731.89 plus applicable taxes from Ingram Micro, Inc., approval of a project contingency in the amount of \$10,000.00, and approval of a budget adjustment.

STAFF REQUESTS THIS BE FORWARDED TO THE CITY COUNCIL FOR CONSIDERATION FOR APPROVAL

5. Extension of Rental Pump for the Gregg Avenue Sewer Lift Station

The Gregg Ave. sewer lift station has four pumps total, and recently had two pump failures. The pumps were sent in for repair, and due to the lead time on parts the City had to have a working pump in its place. Jack Tyler Engineering provided a rental pump at the rate of \$7,255 per month. The purchase order was approved in the amount of \$27,165.00 plus tax and the pump was installed. This included 3 months of rental, and the inbound/outbound freight for the pump. A two-month extension of the pump rental is needed which will put the total cost over \$35,000, requiring City Council approval. The estimated cost of the two-month extension is \$14,510.00 plus tax, for a total estimated cost of \$41,675.00 plus tax.

STAFF REQUESTS THIS BE FORWARDED TO THE CITY COUNCIL FOR CONSIDERATION FOR APPROVAL

6. West Transmission Waterline Engineering Amendment No. 3

The City of Fayetteville owns and operates two parallel water transmission lines from Beaver Water District (BWD) in Lowell that enter from the northeast corner of the City. These lines are a 36-inch pipe installed in 1967 and a 42-inch pipe installed in 1993. BWD intends to build a western water distribution point near HWY-112 and the newly constructed Springdale Northern Bypass, HWY-612. This facility will supply a western water transmission feed to all four customer cities, helping with hydraulics, critical redundancy, and overall utility resiliency. Fayetteville's 11.3-mile connection to the proposed BWD facility has been identified in water master plans for many years, but the timeline was previously unknown.

In 2012, the City of Fayetteville hired McClelland Consulting Engineers (MCE) to establish a preliminary alignment for a waterline along this western corridor (Res. 120-12) and begin easement acquisitions. The contract was amended in 2021 (Res. 179-21) to increase funds for appraisals and acquisition support and again in 2022 to bring the design up to 30% (Res. 200-22).

In July 2023 the Arkansas Department of Agriculture Natural Resources Division (ANRD) approved \$85M of low interest rate funding through the state's drinking water Revolving Loan Fund program. In July the City conducted a formal Engineering Selection Committee meeting (RFQ 23-05) and selected Garney to provide CMAR services for the project.

Amendment No. 3 with McClelland will allow the detailed design to progress from 30% to 100%, including all related permitting and coordination with state and federal agencies, coordination with Garney during CMAR preconstruction services, and release of early procurement

specifications. A detailed scope and fee narrative and schedule have been provided with the amendment document.

Staff recommends approval of Amendment No. 3 in the amount of \$1,446,340.00 to the Engineering Services Agreement with McClelland Consulting Engineers, Inc. for Final Engineering Design for the West Corridor Water Transmission Line Project. This amendment consists of \$1,446,340.00 in engineering services, increasing the total contract amount from \$1,547,085.00 to \$2,993,425.00.

STAFF REQUESTS THIS BE FORWARDED TO THE CITY COUNCIL FOR CONSIDERATION FOR APPROVAL

7. Overview of 48-inch HOBAS Sewer Pipe Repair

INFORMATIONAL ITEM

ATTACHMENTS

July Monthly WWTP Report
Fayetteville's Water & Sewer Infrastructure Presentation
Black & Veatch Rate Study Presentation
Nutanix Server Software Quotes
McClelland Engineering Amendment No. 3

ADJOURN

Next Water, Sewer, Solid Waste Committee meets on Tuesday, October 10, 2023, at 5:30 p.m.