



Water, Sewer, and Solid Waste Committee

9 April 2024

5:30 P.M.

(Or immediately following Equipment Committee Meeting)

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, Steven Dotson, 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, Ryan Harrold, Mayo Miller, Josh Alleman

From: Tim Nyander, Utilities Director

CALL TO ORDER

UPDATES

PRESENTATIONS

1. Overview of February WWTP Monthly Report

Ryan Harrold - Jacobs Engineering

OLD BUSINESS:

2. Western Water Transmission Line Update

Pipe and valve procurement bid opening occurred Friday April 5th. Results will be shared at the committee meeting.

Highlights of upcoming milestones include:

- March 10 & 17, 2024: Advertise materials procurement package for bid. COMPLETE
- ~~March 29, 2024~~ **April 5, 2024**: open bids on procurement package. COMPLETE
- April 19, 2024: Final GMP established and contract amendment prepared for City approval (this is the City Council agenda request deadline for the May 7, 2024 council meeting)
- April 30, 2024: City Council Agenda Session (approval of GMP and contract amendment introduced to Council). Also submit GMP/contract amendment to ANRD at this time to meet loan certification deadline.

- May 7, 2024: City Council formally approves final GMP and contract amendment. Provide fully executed copy of amendment to ANRD by May 10, 2024.
- June 28, 2024: Loan Closing (could occur before this date as well)

INFORMATION ONLY

3. Baxter 1-MG Ground Water Storage Tank Rehabilitation

The Baxter 1-MG elevated storage tank is located at the end of Baxter Lane near North Street between College Ave. and Mission Blvd. This tank provides water to the City's primary pressure plane. The tank needs removal and replacement of the painted coating systems due to normal aging. Furthermore, the tank climbing systems are outdated and need to be updated to modern safety standards. Tank inspections performed in 2023 identified this tank as the top priority for reconditioning.

Olsson Inc. has been involved in many past City tank rehabilitation projects, as well as new construction designs. On January 9, 2024 the City of Fayetteville conducted a formal Engineering Selection meeting for this project and selected Olsson, Inc. (RFQ 23-01, Selection #12). The scope of services for this project will include site visits, structural inspections and analyses, developing plans and specifications for coating systems and tank mixing retrofits, and bidding services.

Staff recommends approval of an Engineering Services Agreement with Olsson, Inc. for design of removal and replacing coating systems and updating safety systems at the Baxter one-million-gallon ground storage water tank in an amount not to exceed \$68,000.00

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

4. MLK/I-49 Utility Relocations Final Design

ArDOT previously notified the City of Fayetteville to relocate water and sewer infrastructure along Highway 62 where they will be widening the roadway, reconstructing the I-49 overpass, and creating a new overpass at 15th Street. After receiving this notification, a formal selection committee was held on September 8, 2022 at which Hawkins-Weir was selected for contract negotiations (RFQ 21-01, Selection #14).

Previously, Amendment No. 1 was approved (Res. 125-23) to advance the design from 30% to 100% bid-ready plans and specifications for just the relocations necessary near the 15th Street improvements. Amendment No. 2 was approved (Res. 8-24) to provide construction engineering and observation services for the 15th Street portion of the project, now in construction.

Amendment No. 3 will increase the scope of engineering services to provide final engineering design on the remaining utility relocations associated with the ArDOT project. Namely, water and sewer lines along MLK Blvd from Leflar Way to east of Futrall Drive. The scope represents a very large relocation for the City, including

approximately 9,000-LF of various waterlines from 2"-36" diameters, and 5,000-LF of various sewer lines from 8"-24" diameters. Preliminary engineering estimates indicate construction costs of \$18MM with the project being 75% reimbursable to the City from ArDOT. However, the engineering design must be completed, and terms negotiated with ArDOT before these figures are finalized. Future contract amendments will be proposed for construction phase services when this MLK portion of the project advances through bidding.

Staff recommends approval of Amendment No. 3 to the engineering services agreement with Hawkins-Weir Engineers, Inc. for professional services associated with ArDOT Project 040846 Utility Relocations along Martin Luther King Jr. Blvd. at the I-49 & Hwy-62 Interchange in an amount not to exceed \$646,930.00.

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

NEW BUSINESS:

5. Nutrient Reduction Update

Discussion of the recent Northwest Arkansas Nutrient Removal Workshop

INFORMATION ONLY

6. Hamestring Lift Station Pump No. 2

Pump #2 at the Hamestring Lift Station on N. Sunshine Road recently failed and was sent to Jack Tyler Engineering for a hidden damages inspection. The cost for repairing the pump is \$43,875.62 plus any applicable taxes.

Because it was necessary to have the repair facility disassemble the units to determine the extent of hidden and unknown damage to equipment already purchased, a bid waiver and/or formal sealed bidding is not necessary according to Ark. Code Ann. §19-11-203(14)(DD).

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

7. Biosolids Pump #4

The existing biosolids sludge pump at West Side WRRF failed in late 2023. It is 1 of 4 sludge pumps in the process, and it was original plant equipment from 2007. The cost of a rebuild on this pump is approximately 80% of the cost of purchasing a new pump.

The City of Fayetteville solicited formal bids for a new biosolids sludge pump per Bid 24-30. D.J. Schubeck Company d/b/a National Oilwell Varco L.P. was the lowest qualified bidder in the amount of \$56,340.36. Staff recommends awarding Bid 24-30 and authorizing the purchase of a biosolids sludge pump from D.J. Schubeck Company d/b/a National Oilwell Varco L.P. in the amount of \$56,340.36 plus any applicable taxes and freight charges. This will bring all four sludge pumps back into operation at the West Side treatment facility.

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

PRESENTATIONS

February WWTP Report

ATTACHMENTS

February 2024 WWTP Report
Baxter Tank Rehabilitation Olsson Scope of Services
Baxter Tank Rehabilitation Olsson Agreement
MLK/I-49 Relocation Engineering Agreement Hawkins-Weir
Hamestring Lift Station Pump #2 Damage Report
Bid Tabulation – Biosolids Pump

ADJOURN

Next Water, Sewer, Solid Waste Committee meets on Tuesday, May 14th, 2024, at 5:30 p.m.