



Water, Sewer, and Solid Waste Committee

14 May 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

Aaron Watkins, Water & Sewer Operations Manager will update the committee on the requested changes to the various fees that will soon be coming to the City Council. These include tapping fees and street cut fees.

PRESENTATIONS

1. Overview of March WWTP Monthly Report

Ryan Harrold - Jacobs Engineering

OLD BUSINESS:

NEW BUSINESS:

2. NWALT Contract Amendment for Habitat Restoration and Management Services for the West Side Prairie

Due to their expertise in habitat restoration and management, Northwest Arkansas Land Trust was selected in 2020 to perform these services at the West Side Prairie on behalf of the City of Fayetteville. Services to be provided include:

1. Use adaptive restoration strategies to restore the site to native tall grass prairie and savannah habitat.
2. Use adaptive management strategies to properly manage habitat for native tall grass prairie and savanna species.

- 3. Install and manage appropriate infrastructure for public access.
- 4. Administer and manage work schedules, vendors, and contractors, and coordinate with proper City of Fayetteville staff.

Staff recommends the approval of a Contract Amendment for Habitat Restoration and Management of West Side Prairie in an amount not to exceed \$10,000.00 for a term of one year.

Funds are available on the 2023 Purchase Order with NWALT to cover the expenses for the year. This agreement may be renewed for 4 additional one (1) year terms with mutual agreement of the parties.

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

3. Bid #24-29, Crossland Heavy Contractors, Inc. – Gulley and Goshen Pressure Plane Improvements

The East Water Service Area Improvements project consists of several phased sub-projects, namely:

| | | |
|-------------------|---|--------------------------|
| Contract Sect. 1: | Pressure Sustaining Valves Rehabilitation | (Completed 2022) |
| Contract Sect. 2: | Gulley Road Water Tank | (Completed 2022) |
| Contract Sect. 3: | <i>Gulley & Goshen Pressure Plane Improv.</i> | <i>(Award June 2024)</i> |
| Contract Sect. 4: | Township Tank & Improvements | (Completed 2023) |

All of these projects were recommended in the City’s 2017 Water Distribution Master Plan recommendations. Contract Section No. 3 consists of a new water pump station on Gulley Road as well as 7,746-feet of 18-inch waterline and 8,560-feet of 12-inch waterline. This project will allow the two largest eastern pressure planes to be split into three distinct pressure planes, each served by individual water tanks. This will increase capacity to meet current and future demands and replace aging infrastructure.

On April 10th, 2024 the City of Fayetteville accepted sealed competitive bids for the Gulley and Goshen Pressure Plane improvements project. Crossland Heavy Contractors, Inc. is the lowest responsive bidder. All responsive bids are shown here:

| | |
|-----------------------------------|----------------|
| Crossland Heavy Contractors, Inc. | \$8,318,668.00 |
| Kajacs Contractors, Inc. | \$9,324,463.50 |
| Brothers Construction, Inc. | \$9,808,063.00 |

Staff recommends awarding Bid #24-29 and approving a construction contract with Crossland Heavy Contractors, Inc. in the amount of \$8,318,668.00 for construction of a water pumping station and various waterlines for the Gulley and Goshen Pressure Plane Improvements project.

STAFF REQUESTS THIS BE FORWARDED TO THE CITY COUNCIL FOR

CONSIDERATION FOR APPROVAL

4. Amendment No. 6 to the Agreement Between the City of Fayetteville and Olsson, Inc. for Engineering Services Related to the East Fayetteville Water System Improvements Project

On January 2, 2018, the City Council passed Resolution 19-18 to approve a professional engineering services agreement with Olsson, Inc. to begin design work on this project. The project consists of four sub-parts that were each be bid separately. Namely:

| | | |
|--------------------------|---|--------------------------|
| Contract Sect. 1: | Pressure Sustaining Valves Rehabilitation | (Completed 2022) |
| Contract Sect. 2: | Gulley Road Water Tank | (Completed 2022) |
| <i>Contract Sect. 3:</i> | <i>Gulley & Goshen Pressure Plane Improv.</i> | <i>(Award June 2024)</i> |
| Contract Sect. 4: | Township Tank & Improvements | (Completed 2023) |

Amendment No. 1 was passed administratively utilizing contingency dollars to adjust the project scope. Amendment No. 2 was passed via Res. 266-19 to account for engineering time related to permitting and re-design delays. Amendment No. 3 was passed via Res. 203-20 for construction phase services related to Contract Section 2, the elevated water storage tank. Amendment No. 4 was passed via Res. 239-20 for construction phase services related to Contract Section 1. Amendment No. 5 was passed via Res. 219-21 for construction phase services related to contract Section 4, the Township water tank project.

Amendment No. 6 will provide funding for construction phase services associated with Contract Section 3 which was recently bid, pending contract award to Crossland Heavy Contractors. Olsson will be involved with all project aspects during construction, including onsite daily observations and inspections per engineering best practices and state law. This amendment also includes fees related to additional design and coordination work along Gulley Road and additional services on the Township Tank project.

The total costs for proposed Amendment No. 6 are based on Olsson's fee schedule and level of effort per task, not to exceed \$516,515.00. This will raise the overall engineering project fees from \$1,294,605.00 to \$1,811,120.00. Staff recommends approval of Amendment No. 6 to the agreement between the City of Fayetteville and Olsson, Inc.

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

5. Engineering Services Agreement with Olsson, Inc. for the Mally Wagon Lift Station Improvements Project

The City's Mally Wagon sewer lift station is located at 5716 E. Norman Murphy Road. This station receives sewer flow from several residential areas east of the West Fork of the White River along Highway 16. The station also receives 100% of sewer from the City of Elkins, metered wholesale to the Fayetteville from a lift station owned by Elkins. The City of Elkins is actively upgrading their sewer pumping capabilities and the City of Fayetteville will not be able to accept their max flows until this Mally Wagon lift station is upgraded.

The first step towards upgrades at this station will be a Preliminary Engineering Report which details expected combined flows that would come to the station and performs a high-level analysis of viable options to upgrade and expand the station. Afterwards, amendments would be

necessary to move the project into full engineering design such that the project could be advertised and bid.

On January 9th, 2024, the City of Fayetteville conducted a formal Engineering Selection meeting. Olsson was selected to negotiate this contract (RFQ 23-01, Selection #10). The cost is based on engineering level of effort, hourly by position rates, not to exceed \$45,000.00. Staff recommends approval of the agreement with Olsson, Inc.

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

6. Cost-Share Request for Waterline Extension at 269 E. Rock Street

Flintlocklab is working with Tommie Flowers and Aaron and Megan Caldwell to develop property on East Rock Street. The existing waterline ends before fronting the properties, making water service inaccessible. A cost-share is being requested to install a 2-inch waterline approximately 325 feet from South Willow Avenue east toward the proposed development, and to supply water to the Caldwell build site. The request is for the City to pay 50% and two entities to pay the remaining 50%. The preliminary cost is based off a single bid of \$19,000. Based on this estimate, the City's portion would be \$9,500.

Utilities Engineer Corey Granderson will discuss details of the request.

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

7. Bid Award 24-33 for Noland Plant Influent Pump Station, Pump #2

Noland Water Resource Recovery Facility has two Influent Pump Stations (IPS), known as IPS01 and IPS02. IPS01 has six (6) dry-pit submersible pumps. IPS02 has three (3) wet well submersible pumps. Two of the IPS02 pumps are run from VFD's to maintain a predetermined wet well elevation, and the third pump is run off a Soft Start as a backup. These pumps run continuously, maintaining flow through the treatment facility.

Pump No. 1 in IPS02 is the original pump from the Noland 2007 upgrade. It has been pulled for repair 4 times in the last 6 years. These repairs range from \$30,000 to \$40,000.

The City solicited formal bids for replacing Pump No. 1 at IPS02. Jack Tyler Engineering was the only bidder and meets the specifications required for the pump replacement. Staff recommends approving the purchase of a submersible pump in the amount of \$85,770.04 plus applicable taxes and freight charges.

Funds are available in the Plant Pumps and Equipment – WWTP account within the Water & Sewer fund.

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

PRESENTATIONS

March WWTP Report

ATTACHMENTS

March 2024 WWTP Report

NWALT Contract for West Side Prairie

East Fayetteville Improvements Vicinity Map

East Fayetteville Improvements Bid Tabulation

Crossland Heavy Submittal

Olsson Amendment 6

Olsson Agreement for Mally Wagnon Lift Station Improvements

Flowers Cost Share Request

Caldwell Cost Share Request

Cost Share Detail

Noland Influent Pump Bid Tabulation

Noland Influent Pump Vendor Submittal

ADJOURN

Next Water, Sewer, Solid Waste Committee meets on
Tuesday, June 11th, 2024, at 5:30 p.m.