



Water, Sewer, and Solid Waste Committee

9 March 2021

5:30 P.M.

(Or immediately following Equipment Committee Session)

This is a Virtual Meeting

Committee: Chairman Mark Kinion; Council Member Sloan Scroggin, Council Member Teresa Turk, Council Member D'Andre Jones,

Copy to: Mayor Lioneld Jordan, Paul Becker, Kara Paxton, Susan Norton, Chris Brown, Alan Pugh, Terry Gulley, Peter Nierengarten, Jeff Coles, Brian Pugh, Mark Rogers, Corey Granderson, Aaron Watkins, Greg Weeks, Monty Sedlak, Matthew Benton, Matt Casey

From: Tim Nyander, Utilities Director

CALL TO ORDER

ROLL CALL

UPDATES

OLD BUSINESS:

NEW BUSINESS:

1. Cured-In-Place Pipe Contract Renewal with Insituform Technologies

On March 7, 2018, the City of Fayetteville accepted sealed competitive bids for sanitary sewer main line and service lateral lining services. Insituform Technologies, Inc. submitted the lowest bid (Resolution 84-18, Bid #18-22). The bid schedule includes unit pricing for various items of work to complete the annual rehabilitation program.

Direct contracting with Insituform Technologies, Inc. allows the City to execute its sanitary sewer rehabilitation program efficiently. Pipes being repaired with liners under this contract are either identified through normal City maintenance operations or by consultants during Sanitary Sewer Evaluation Studies (e.g., Smoke Testing). Engineering and administrative costs are minimized as these services are handled by city staff. This work is an integral part of the City's ongoing program to maintain its sewer system in the most long-term yet cost

effective fashion, with cured-in-place linings being by far the lowest cost strategy for applications where it is appropriate. This will be the 4th year of a 5-year renewable contract with Insituform.

Staff recommends approval of a one-year extension of the contract with Insituform Technologies, Inc., as amended by Resolutions 144-18 and 81-19, in an amount not to exceed \$528,693.55 for City of Fayetteville sewer rehabilitation in 2021 using cured-in-place sanitary sewer linings.

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

2. Sewer Manhole Rehabilitation Contract Renewal with Krapff Reynolds Const. Co.

On December 10, 2019, the City of Fayetteville accepted sealed competitive bids for manhole rehabilitation utilizing various techniques. Krapff Reynolds Construction Co. submitted the lowest bid (Resolution 74-20, Bid #19-53). The bid schedule includes unit pricing for various items of work to complete the annual rehabilitation program.

Direct contracting with Krapff Reynolds Construction Co. allows the City to execute its sanitary sewer rehabilitation program efficiently. Manholes being repaired under this contract are either identified through normal City maintenance operations or by consultants during Sanitary Sewer Evaluation Studies (i.e., Smoke Testing). Engineering and administrative costs are minimized as these services are handled by city staff. This work is an integral part of the City's ongoing program to maintain its sewer system in the most long-term yet cost effective fashion. This will be the 2nd year of a 5-year renewable contract with Krapff Reynolds.

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

3. FTN Proposal to Conduct Toxicity Reduction Evaluation

Due to the failure of the toxicity testing at the West Side Plant in October and December of 2020, the Arkansas Department of Energy and Environment (AEE) is requiring the City of Fayetteville to conduct a Toxicity Reduction Evaluation (TRE). FTN Associates, Ltd. was selected to produce an action plan for conducting the TRE, to be reviewed and approved by AEE. In follow-up, FTN Associates was formally selected by the Engineering Selection Committee on March 4, 2021, RFQ 21-01 Selection #3 FTN to submit a proposal for performing the TRE for the City of Fayetteville. This evaluation has the possibility of a 28 month duration, depending on the level of toxicity found (or not found). The total fee for additional services (separate from the routine quarterly biomonitoring required by the permit and TRE laboratory testing) for the first year of the project will not exceed \$45,000 without prior approval from the City of Fayetteville.

Funds are available in the Wastewater Treatment Water Quality Improvements Project.

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

4. Wastewater Treatment Plant Facility Plan

A wastewater facility plan focuses on the impacts of growth on the City and related service area on the City of Fayetteville's wastewater system. Utilizing the 150,977 population projected by the NW Arkansas Regional Planning Commission through 2045, it establishes a vision of future wastewater facilities to accommodate increasing wastewater flows.

A wastewater facility plan will address the four major components of the Fayetteville wastewater system: the collection system, wastewater treatment, effluent disposal and biosolids disposal. Public comment will be incorporated into the alternative development as well as comment obtained from agencies and groups such as the Arkansas Department of Pollution Control and Ecology (ADPC&E), and the Beaver Water District. The last Facilities plan was completed in 1997. That plan recommended the construction of the West Side Wastewater treatment plant.

The consultant for this project will be selected through the Engineering Selection Committee and will involve presentations from selected firms.

INFORMATION ONLY

5. Development Cost Share with HFI Fletcher, LLC – Sanitary Sewer on N. Fletcher Ave.

Ten (10) new homes are proposed along the east side of N. Fletcher Avenue north of Dickson Street. This area does not have access to a public sewer main currently. The existing home at 326 Fletcher has service running north down the street. This project will bring a sewer main approximately 419-feet south from E. Crescent Drive to serve these new lots. Currently there are 3 existing lots with 2 homes, this project will replace these with 10 lots and 10 homes.

Due to the simplicity of this project, the Water & Sewer Department propose to perform the installation and design in-house which will save costs both for the city and developer. Based on our in-house cost estimations & design, the project responsibilities are as follows:

| | | |
|----------------------|--------------|--|
| Total Project Length | 419-Feet | |
| "Offsite Length" | 174-Feet | City pays 100% |
| "Onsite Length" | 245-Feet | City pays 50% |
| Service Connections | 10-each | City pays 0% |
| | | |
| Main Line | \$ 19,230.00 | 70% City (174FT City; remaining 245FT split 50/50) |
| Services | \$ 10,751.32 | |
| | \$ 29,981.32 | |
| | | |
| City | \$ 13,461.00 | 45% |
| Developer | \$ 16,520.32 | 55% |

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6. Cost Overrun on the Annual Jacobs Contract

Due to additional biosolids repair and other issues, the annual CH2M Hill operation and maintenance contract will have an overrun of approximately \$25,000. Project Manager Monty Sedlak will discuss. This will result in a Contract Amendment to be presented to the City Council.

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

7. Ordinance to Amend the CPI Language in 50.40(A) – Rates of Services; Fee Increases

In 2018, the City contracted with MSW Consultants to conduct a Recycling and Trash Collections Rate study to comprehensively evaluate the solid waste systems full cost of service and to develop a five-year financial plan with recycling and trash disposal rate recommendations. One of the recommendations was to apply the Consumer Price Index (CPI) increase to all customer classes and rates; previously the CPI had only been applied to residential rates. City Council passed Resolution 278-18 on 12/18/18 to adopt the new Recycling and Trash Collection rate study.

In October 2019, the Fayetteville City Council passed Resolution 229-19 approving a contract with Waste Management of Arkansas for the hauling and disposal of municipal waste from the City's transfer station. The term of the contract was for 5-years. According to the contract, the per ton transportation and disposal rate price shall be adjusted according to the Consumer Price Index (CPI) sub-index for Water, Sewer, Trash Collection.

Peter Nierengarten, Environmental Director, will discuss the implications and provide further details of the amendment.

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8. Water and Sewer Training Room Technology Improvements

The Water & Sewer's training room needs have changed over the last year with instructor led classes being held virtually. The current water and sewer training room has minimal technology within the room and has inadequate speakers, projector, and microphones that limit the rooms effectiveness related to virtual training. The attached equipment and associated installation services will allow the training room to effectively host virtual training classes by providing adequate sound, microphone, projector, and associated equipment to enable staff to interact with online meeting and training sessions.

Howard Technology Solutions has submitted a quote in the amount of \$20,447.19 for the equipment, which includes freight and taxes. They also submitted a quote in the amount of \$4,971.00 for the labor associated with the installation. The total estimated amount for equipment and labor is \$25,418.19, which includes freight and taxes. Staff also recommends an overall project contingency in the amount of \$2,541.81.

Audio visual equipment and services were bid by the State of Minnesota for itself and on behalf of NASPO ValuePoint cooperative purchasing program. The State of Arkansas signed a NASPO ValuePoint participating agreement for equipment and services with Howard Technology Solutions which can be utilized by all state agencies and cooperative participants including cities, counties, schools (K-12), colleges and universities via state contract 4600035740. Contract 4600035740 was signed by the state of Arkansas on September 9, 2015, to allow the State to leverage the NASPO ValuePoint contract MNWNC-114.

Funding is available within the Water/Sewer Building-Office Improvements account within the Water & Sewer Fund.

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

9. Overview of WWTP Monthly Report

Discussion of January's Monthly WWTP Report

PRESENTATIONS

ATTACHMENTS

AR Dept of Energy & Environment TRE email
West Side TRE Action Plan
FTN Proposal for TRE
Fletcher Ave Cost Share Proposal
WWTP January 2021 Monthly Report

ADJOURN

Next Water, Sewer, Solid Waste Committee meets on
Tuesday, April 13, 2021, 5:30 p.m.