



City of Broken Arrow
Minutes
Broken Arrow Municipal Authority

City Hall
220 S 1st Street
Broken Arrow OK
74012

Chairperson Craig Thurmond
Vice Chair Richard Carter
Trustee Mike Lester
Trustee Johnnie Parks
Trustee Scott Eudey

Tuesday, July 19, 2016

Council Chambers

1. Call to Order

Chairman Craig Thurmond called the meeting to order at approximately 7:18 p.m.

2. Roll Call

Present: 5 - Scott Eudey, Johnnie Parks, Mike Lester, Richard Carter, Craig Thurmond

3. Consideration of Consent Agenda

Chairman Thurmond asked if there were any items to remove from the Consent Agenda. There being none, he asked for a motion.

MOTION: A motion was made by Johnnie Parks, seconded by Richard Carter.

Move to approve the Consent Agenda as presented

The motion carried by the following vote:

Aye: 5 - Scott Eudey, Johnnie Parks, Mike Lester, Richard Carter, Craig Thurmond

- A. 16-816** Approval and authorization to execute the third extension of an agreement with WasteZero for the purchase and distribution of refuse bags
- B. 16-785** Ratification of notification of intent to not extend landfill contract with Waste Management
- C. 16-788** Acceptance of bids received, awarding of the lowest responsible bid to Slattery Construction Corporation, and approval and authorization to execute a construction contract for Oneta Road Lift Station Replacement (Project No. S.1607)
- D. 16-811** Approval of the Broken Arrow Municipal Authority Claims List for July 19, 2016

4. Consideration of Items Removed from Consent Agenda

There were no items removed from the Consent Agenda. No action was required or taken.

5. Public Hearings, Appeals, Presentations, Recognitions, Awards

Chairman Thurmond announced that there would be a presentation on the status of of the Broken Municipal Authority's acceptance of water service connections with the City of Tulsa

Assistant Manager of Operations Ken Schwab recalled that at the previous meeting they had discussed water conservation, adopting an ordinance at that time. He was there to present an update on the supplemental connection, which would play an important role at times of peak water demand, as under the present hot, dry summer conditions. Mr. Schwab presented on the screen a dated list of the project's timeline, beginning with the City Manager authorizing execution of a water model contract on April 5, 2016.

Holloway, Updike and Bellen, Inc. Consulting Engineers (HUB) were contracted to examine the City's water model and determine two or three locations where the City could pull more water from Tulsa, i.e. where Tulsa's lines were big enough. Tulsa was in complete agreement but stipulated that the connection be made before May 31st, when its own water needs approached peak demand. The deadline necessitated the project to be designed and advertised, with the connection in place by that date. City staff put the draft of a plan set out that showed what the City wanted, including the pipe size needed, while they were still at work designing the final set. Bids were opened on May 12th and by May 17th a construction contract with Daris Contractors, LLC was in place. In order to expedite the process, he recalled, they had come to BAMA earlier and obtained a purchase order to make the tie. Tulsa's other stipulation was that only one contractor be used: the contractor that installed the line in the first place. Good planning and organization enabled them to get the connection in place on May 25th, an amazing accomplishment in so little time. A pre-construction conference was held on May 26th and Notice to Proceed was received May 31st. Substantial completion was achieved on July 15th, with the first supply of water from the Tulsa connection coming through the system and being received by Broken Arrow. Final completion was estimated for July 30th.

They met some unforeseen challenges along the way that required redesigning and adjustments in the field on their part, as they were trying to make the tap. One of their biggest challenges was that the location of the Public Service Company of Oklahoma (PSO) distribution line conflicted with the project's line. Coordinating with the contractor, staff found one location where they could bore, about 100 feet to the south. Also, with the storms that came through Broken Arrow that past Thursday, there was an 18- inch storm sewer on Olive Avenue, on the west side, south of Albany Street, tying from an inlet into a junction box. They found themselves digging very close to it and with all the rain it broke loose, and it appeared that they damaged it. As they investigated, they discovered that the storm sewer didn't have gaskets in a couple of places, and where it tied to the junction box it wasn't routed in. They fixed it and would work it out with Tulsa County later. One other factor they faced had to do with the fact that because it was 30-inch pipe and a 48-inch bore, it was not a standard tap to a Tulsa distribution line. Tulsa wanted a lot of additional testing to make sure it would not blow under a major arterial. That meant that it took a little more time and money, and that was where they stood at the time of the present City Council meeting. They were getting ready to finish up, do the pressure testing and the biological testing and as soon as they got the all clear, they would be able to start running water through the new pipes. They had to finalize the new t-connection to the Broken Arrow line, backfill around the pipe and the structure, complete the concrete vault top, and finalize grading and re-vegetation, as well. They anticipated substantial completion by July 27th. Final completion, marking the end of construction, would be on August 11th. Mr. Schwab stated that he thought it a phenomenal feat for them to be at that point, just 99 days from the project's inception. They had moved mountains and he was pleased with the performance of everybody involved. Tulsa had helped out a lot, jumping over many of their own hurdles in order that Broken Arrow could realize the important endeavor for its citizens. Mr. Spurgeon asked how many gallons the connection would afford. Mr. Schwab answered 5 million gallons per day.

6. General Authority Business

A. 16-720 Consideration, discussion, and possible awarding of bid to Benchmark Lawns, and approval and authorization to execute an annual mowing contract for ground maintenance

Steve Arant, Director of Streets and Stormwater, said that John Myers, his Division Chief

for Stormwater in charge of contract mowing for street right of way, was with him. Mr. Arant reported that there were 73 locations that they contracted to be mowed along the street right of way. In March 2016 they decided to divide it into a north area and south area, awarding the job to two contractors. Mr. Arant recalled that at the last Council meeting the contract of WCD Enterprises, LLC was terminated, owing to their failure to meet standards. The other contractor, Superior Outdoor Services didn't feel comfortable taking on more work from the City. Staff approached the third lowest bidder, Benchmark Lawns, which agreed to stand by their original bid. Mr. Arant and staff were asking the Municipal Authority's approval to award the south half of the City's mowing contract to Benchmark Lawns.

MOTION: A motion was made by Scott Eudey, seconded by Richard Carter.

Move to award the contract for the south 37 areas to Benchmark Lawns and authorize its execution

The motion carried by the following vote:

Aye: 5 - Scott Eudey, Johnnie Parks, Mike Lester, Richard Carter, Craig Thurmond

B. 16-795

Consideration, discussion and possible approval to waive formal competitive bidding, approval for the sole source purchase of a meter change-out software for the city wide Automated Meter Reading project and approval and authorization to execute a Master Agreement for the purchase of the Automated Meter Reading mass meter change-out software with Clevest Solutions, Inc.

Anthony Daniel, Director of Utilities, said he was there to talk about the billing side of water. He reported that they had started phase one of the Automated Meter Reading project. The project would span two years and they were about to change about 9,000 meters. Along with that, they had purchased five handheld units that crews would use in the field to log in existing and new meter information. The handheld devices came with barcode scanners and a built-in camera. At present, all readings were being recorded manually on paper. The paper was brought to the office to be entered into the system there, so that there was more margin for error in billing customers. They did some research and found a software that could be loaded onto handheld devices and taken out in the field and used to verify existing meter information and customer identity location numbers. They would be able to scan the barcode on the radio read device, which was ten digits, scan the eight digits on the new meter, and at the end of the day the software would transfer the data from the unit to their billing system. Human error would not enter into the equation, hopefully. They were replacing about 1,200 meters per month, on average. It was requested that the Municipal Authority give its approval to purchase the contract, which would be in effect for a period of seven years so that they could execute all three phases of the Automated Meter Reading project. The cost would be \$17,700 per year, with a total of \$123,900 over the seven years. Mr. Daniel added that it was a joint effort between Utilities, Information Technology (IT), and Customer Services in the Finance Department.

MOTION: A motion was made by Johnnie Parks, seconded by Mike Lester.

Move to approve purchase of mass meter change-out software and execute a Master Agreement with Clevest Solutions, Inc.

The motion carried by the following vote:

Aye: 5 - Scott Eudey, Johnnie Parks, Mike Lester, Richard Carter, Craig Thurmond

C. 16-798

Consideration, discussion and possible approval and authorization to execute Resolution No. 934, a resolution of the Broken Arrow Municipal Authority providing for the declaration of an emergency due to the failure of two submersible pumps at the Verdigris Water Treatment Plant located at 6670 South 361st Street, Broken Arrow, Oklahoma; finding that following the provisions of the Competitive

Bidding Act would substantially delay repair of the two submersible lagoon pumps and as such would compromise the health, safety and welfare of the public; authorizing, approving and awarding a sole source contract for the purchase and installation of two replacement submersible lagoon pumps and relating equipment at the Verdigris Water Treatment Plant from Automatic Engineering of Broken Arrow; waiving the timing provisions of the Oklahoma Public Competitive Bidding Act as allowed by law; and directing the City Manager to carry out all applicable provisions

Mr. Daniel stated that the water plant had been in operation for two years and eleven weeks. He reported that the plant currently had three lagoons accepting waste or reject water from the membrane filters and also sludge from the pre-treatment basins. At the far west end of the lagoons was a deep vault where there were two submersible pumps, transferring water all the way back to the reservoir, about a 1,000 feet away. On the July 4th weekend one of the submersible pumps quit and couldn't keep up. The plant Manager contacted a local company, Automatic Engineering, to see if they could repair the pump. The company retrieved the pump and took it to their shop, concluding after examination, that it was beyond repair since the pump casing was cracked. They quoted a price for a replacement pump and while staff was considering the offer, the following week, on July 11th, the second pump started showing signs of breaking down. Staff quickly acted, renting an adequate pump, making the connection, and stringing about 1,000 feet of hose back to the reservoir to keep the plant in operation. The lagoon filters were essential because they backwashed 480 times per day and also carried sludge from the lagoons. The Municipal Authority's approval was requested to expedite purchase of the pumps. The model they chose was the best compatible pump because it would only need a little modification on the flange, and then it could be lowered onto the existing guiderails and wired up to the existing panels.

Chairman Thurmond asked for confirmation that Mr. Daniel believed the proposed pump was of better quality than what they had before. Mr. Daniel stated that he believed so. Trustee Lester inquired whether it would not be prudent to have an extra pump in reserve as well. Mr. Daniel replied that since Automatic Engineering was locally based and the central rails for the flight pump were in Mississippi, they should be able to obtain a replacement unit within a week, if need be. He believed the flight pumps under consideration were of a reputable brand widely used in the water and wastewater industries. In his opinion, it was not worth it to have an item worth \$23,000 sitting on a shelf.

MOTION: A motion was made by Mike Lester, seconded by Scott Eudey.

Move to approve Resolution No. 934, authorizing the sole source purchase of two replacement submersible lagoon pumps for the Verdigris Water Treatment Plant, and authorize its execution

The motion carried by the following vote:

Aye: 5 -

Scott Eudey, Johnnie Parks, Mike Lester, Richard Carter, Craig Thurmond

D. 16-792

Consideration, discussion and possible approval and authorization to execute Resolution No. 931, a resolution authorizing a loan from the Oklahoma Water Resources Board in the principal amount not to exceed \$6,700,000; Authorizing the issuance of a Series 2016 Clean Water State Revolving Fund Promissory Note in the principal amount of said loan; Approving and authorizing the execution of a loan agreement for Clean Water State Revolving Fund Loan and a security agreement pertaining to said promissory note; Ratifying and confirming a lease agreement and operation and maintenance contract and a security agreement with the City of Broken Arrow; Approving and authorizing payment of fees and expenses; Approving various covenants and authorizing execution of other documents pertaining to said loans and containing other provisions relating thereto

Finance Director, Tom Caldwell, stated that the Authority had authorized staff to apply for a loan not to exceed \$6,700,000, from the Oklahoma Water Resources Board. The resolution before them also authorized issuance of a Series 2016 Clean Water State Revolving Fund Promissory Note. They had had several State Revolving Fund Loans in the past, with good interest rates resulting from the loans. The purpose of the loan was for various improvements at the Haikey Creek Treatment Plant, approved by the Oklahoma Water Resources Board (OWRB) at their June meeting. The interest rate would be 1.46%, with a .5% administrative fee to OWRB, for a total effective rate of 1.96%, on a 20-year loan. With approval by the Authority of Resolution No. 931, and then with the ratification by the City Council which had to approve borrowings by the Authority, when the Council meeting reconvened, the Finance Department could move to close the loan, probably, by the end of July. Mr. Caldwell asked that Resolution No. 931 be approved and its execution authorized.

MOTION: A motion was made by Scott Eudey, seconded by Mike Lester.

Move to approve Resolution No. 931 and authorize its execution

The motion carried by the following vote:

Aye: 5 -

Scott Eudey, Johnnie Parks, Mike Lester, Richard Carter, Craig Thurmond

7. Executive Session

There was no Executive Session. No action was required or taken.

8. Adjournment

The meeting adjourned at approximately 7:45 p.m.

MOTION: A motion was made by Johnnie Parks, seconded by Scott Eudey.

Move to adjourn

The motion carried by the following vote:

Aye: 5 -

Scott Eudey, Johnnie Parks, Mike Lester, Richard Carter, Craig Thurmond

Attest:

Chairman

Secretary