

THE TRUSTEES OF THE SHAWNEE MUNICIPAL AUTHORITY OF THE CITY OF SHAWNEE, COUNTY OF POTTAWATOMIE, STATE OF OKLAHOMA, MET IN REGULAR SCHEDULED SESSION IN THE COMMISSION CHAMBERS AT CITY HALL, 9TH AND BROADWAY, SHAWNEE, OKLAHOMA, MONDAY, NOVEMBER 5, 2018, DURING THE BOARD OF CITY COMMISSIONERS MEETING AT 6:00 P.M., PURSUANT TO NOTICE DULY POSTED AS PRESCRIBED BY LAW. UPON ROLL CALL, A QUORUM WAS DECLARED WITH THE FOLLOWING MEMBERS IN ATTENDANCE:

PRESENT: Bolt, Gillham, Harrod, Finley, Rutherford, Sehorn, Salter

ABSENT: None

Call to Order

Declaration of a Quorum

AGENDA ITEM NO. 1:

Consider approval of Consent Agenda:

- a. Minutes from the October 15, 2018 regular meeting.
- b. Acknowledge Water Tank Maintenance Contracts with Utility Service Company, Inc. for the following water tower locations:
  - i. Airport Tank \$25,788.04
  - ii. Edwards Street Tank \$20,369.00
  - iii. Park Street Tank \$20,369.00
  - iv. Water Plant Tank \$10,413.64
  - v. Wolverine Tank \$20,234.16
- c. Authorize staff to proceed with engine replacement for 2012 International flusher truck.

Mayor Finley asked that Consent Agenda Item No. 1(c) be pulled for separate consideration.

A motion was made by Trustee Harrod, seconded by Trustee Bolt, to approve Consent Agenda Item Nos. 1(a-c), less item 1(c). Motion carried 7-0.

AYE: Harrod, Bolt, Gillham, Finley, Rutherford, Sehorn, Salter

NAY: None

Regarding Consent Agenda Item No. 1(c), Staff requested to study the matter further and would bring the item back before the Commission.

AGENDA ITEM NO. 2:

Presentation by C.H. Guernsey & Company  
regarding Master Plan Professional Services.

Interim City Manager Eric Benson stated that one of the core service issues of a community is the ability to deliver water and to take it away. He stated that a critical decision that will be coming before the Commission in the upcoming Shawnee Municipal Authority budget will be the Southside Waste Water Treatment Plant, as well as the Northside Wastewater Treatment Plant and drinking Water Treatment Plant. Staff has had the opportunity to discuss this at length with Guernsey staff and has compared it to financial opportunities for addressing the challenge. He stated that all of those items in detail will be brought before you by years end for at least initial decisions. He then introduced Larry Roach with C.H. Guernsey & Company.

Larry Roach spoke about that recommended updates to the Water Treatment Plant, Northside Wastewater Treatment Plant and Southside Waste Water Treatment Plant.

He recommends the following updates to the Water Treatment Plant as follows:

- Rapid Mix Basin – Add a new basin
- Flocculating Clarifier – Add a third clarifier
- Rapid Sand Filters – Will increase capacity without adding additional filters
- Filter Pipe Gallery Rehabilitation – Selectively replace piping
- Filter Building Upgrades – Condition and architectural upgrades
- Backwash System Upgrades – Install backwash service pumps
- Chemical Feed Piping – Install dual PVC lines to provide redundancy
- Replace Valve Actuators – Replace 25 actuators to enable plant to be controlled from virtually anywhere

Mr. Roach recommends the following updates to the Northside Wastewater Treatment Plant as follows:

- Screening Devices – Install new screening devices
- Grit Removal – Install new tray stack system grit removal

- Wet Weather Flow Equalization – Install 5-Million-gallon wet weather flow equalization basin
- Aeration System Upgrade – Ceramic diffuser aeration system
- Clarifier Equipment and Structure Upgrades – Mechanical upgrades on motors
- Return Activated Sludge System – Enhance system
- Plant Outfall – Outfall modifications
- SCADA (Control Panel) – Upgrade to operate plant from iPad

Mr. Roach stated that they conducted a condition assessment on the Southside Waste Water Treatment Plant (SWTP). He recommended to consider the option of Sequential Batch Reactor (SBR). The benefits of SBR are:

- More energy efficient
- Reduced labor expense
- Increased reliability
- Suitable for 20-year growth (north)
- 50-year treatment (south)

The current estimated budget for each of the plants are as follows:

- Water Treatment Plant Improvements - \$6.91 Million
- Northside Wastewater Treatment Plant Improvements - \$13.53 Million
- Southside Wastewater Treatment Plant Improvements - \$19.05 Million

Mr. Roach stated the improvements began now, they would be completed in 2021.

AGENDA ITEM NO. 3:

New Business (Any matter not known about or which could not have been reasonably foreseen prior to the posting of the agenda)

There was no New Business.

AGENDA ITEM NO. 4:

Adjournment

There being no further business to be considered, the meeting was adjourned by power of the Chair. (7:24 p.m.)

ATTEST:

The seal of the City of Shawnee, Oklahoma, is a circular emblem. It features a five-pointed star at the top and bottom. The word "SEAL" is prominently displayed in the center. The outer ring of the seal contains the text "THE CITY OF SHAWNEE" at the top and "OKLAHOMA" at the bottom, separated by small stars.

Lisa Laszyone  
LISA LASZYONE, SECRETARY

Richard Finley  
RICHARD FINLEY  
CHAIRMAN