

**City of Fayetteville Staff Review Form**

**2022-0694**

**Legistar File ID**

**8/16/2022**

City Council Meeting Date - Agenda Item Only  
N/A for Non-Agenda Item

Tim Nyander

7/28/2022

WASTEWATER TREATMENT (730)

**Submitted By**

**Submitted Date**

**Division / Department**

**Action Recommendation:**

Staff recommends a budget adjustment in the amount of \$346,580.00 to allow the City to purchase materials for preparation work before the thermal dryer at the Biosolids Management Site can be installed.

**Budget Impact:**

5400.730.5800-5400.00

Water and Sewer

Account Number

Fund

02032.1

WWTP Building Improvements

Project Number

Project Title

**Budgeted Item?** Yes

Current Budget \$ 3,792,448.00

Funds Obligated \$ 825,277.15

Current Balance **\$ 2,967,170.85**

**Does item have a cost?** Yes

Item Cost \$ 346,580.00

**Budget Adjustment Attached?** Yes

Budget Adjustment \$ 346,580.00

Remaining Budget **\$ 2,967,170.85**

V20210527

**Purchase Order Number:** \_\_\_\_\_

**Previous Ordinance or Resolution #** \_\_\_\_\_

**Change Order Number:** \_\_\_\_\_

**Approval Date:** \_\_\_\_\_

**Original Contract Number:** \_\_\_\_\_

**Comments:**



**MEETING OF AUGUST 16, 2022**

**TO:** Mayor and City Council

**THRU:** Susan Norton, Chief of Staff

**FROM:** Tim Nyander, Utilities Director

**DATE:** July 28, 2022

**SUBJECT: Budget Adjustment for Preparation Work for the Thermal Dryer at the Biosolids Management Site**

---

**RECOMMENDATION:**

Staff recommends a budget adjustment in the amount of \$346,580.00 to allow the City to purchase materials for preparation work before the thermal dryer at the Biosolids Management Site can be installed.

**BACKGROUND:**

Griffin Residuals, LLC will be providing equipment and biosolids drying services pending the approval of the Drying as a Service Agreement (DaaS) at the August 16, 2022, City Council Meeting. Per the Agreement the City needs to do some preparation work at the Biosolids Management Site (BMS) before the thermal dryer can be installed by Griffin Residuals.

**DISCUSSION:**

The preparation work required before the dryer can be installed includes running new water lines, upsizing the electrical capacity, building firewalls, pouring concrete, and other improvements to the designated dryer building at the BMS. The City will purchase the materials and Jacobs will provide the labor under the existing Operations contract. The materials and labor are estimated at \$346,580.00 and includes a 20% contingency of \$53,320.00.

This budget adjustment request is contingent on City Council approval of the DaaS agreement with Griffin Residuals, LLC. Staff recommends approval of a budget adjustment to allow the City to complete the required work before Griffin Residuals installs the thermal dryer at the BMS.

This item will be presented to the Water & Sewer Committee at its regularly scheduled meeting on August 9<sup>th</sup>, 2022.

**BUDGET/STAFF IMPACT:**

The budget adjustment will move funds from the Lake Sequoyah Dredging account to the WWTP Building Improvements account to cover the costs of the preparation work.

**Attachments:**

Cost Estimates  
Budget Adjustment

**CITY INSTALLATION COSTS FOR DRYING AS A SERVICE**

Item	Cost	Notes
Install Electrical Service	\$ 150,000	Jacobs will install
Scale	\$ 6,000	Includes shipping, 4-20 milliamp output for input to SCADA. Jacobs will install
Drywall	\$ 1,500	Jacobs will install
Drywall Hardware	\$ 150	Jacobs will install
Cooling Tower slab	\$ 1,000	Jacobs will form, set rebar and finish concrete. Est. 6 CY
Velocity Stack slab	\$ 1,000	Jacobs will form, set rebar and finish concrete. Est. 6 CY
Concrete Delivery from APAC	\$ 600	Might be 2x \$150 if they cannot fit 12 CY on a roller truck
Barrier Blocks- 50 blocks at \$60 per	\$ 3,000	Jacobs will install
Metal- Framing for Drywall	\$ 1,000	Jacobs will install
Estimate for electric gear boxes and motors	\$ 75,000	Jacobs will install
Lumber- framing above divider wall	\$ 500	Jacobs will install. Use existing polycarbonate for barrier.
Machine Skate Rental 1 week	\$ 350	
Natural Gas Installation	\$ 6,000	
In-House Water & Sewer Installations	\$ 20,500	
Subtotal	\$ 266,600	
Contingency (20%)	\$ 53,320	
Estimated Taxes (10%)	\$ 26,660	
<b>Total</b>	<b>\$ 346,580</b>	