



Department Source: City Utilities - Solid Waste

To: City Council

From: City Manager & Staff

Council Meeting Date: July 17, 2017

Re: Bid Call for the Construction of Bioreactor Landfill Cell #6 and Appropriating Funds

## Executive Summary

Staff has prepared for Council consideration an ordinance authorizing a call for bids through the Purchasing division for the construction of Bioreactor Landfill Cell #6 and appropriating funds for the construction. The Cell #6 project involves constructing an 11.26 acre bioreactor landfill area within the existing permitted airspace at the Columbia Landfill. This project is anticipated to cost \$5,500,000 and Special Obligation Bond funds need to be appropriated.

## Discussion

This proposed Bioreactor Landfill Cell #6 project involves excavating approximately 200,000 cubic yards of soil, 190,000 cubic yards of rock, installing 11.26 acres of synthetic liner, installing 18,000 cubic yards of drainage media and constructing a new vehicle access road as shown on the attached diagram. There was a Public Hearing for this project on July 3, 2017 and Council directed staff to proceed with the project.

This project is being designed by Burns and McDonnell and the estimated construction cost for this project is \$5,500,000 and will be funded with Special Obligation Bonds. This ordinance will approve the bid call and appropriate \$5,424,043 of the proceeds from the bond sale to the Bioreactor Landfill Cell #6 project and \$83,957 of the proceeds to the Fiscal Agent Fees account.

## Fiscal Impact

Short-Term Impact: The estimated construction cost for this project is \$5,500,000 and will be funded with Special Obligation Bond Funds.

Long-Term Impact: Costs will be included annually in the operations budget for the ongoing cost to operate and maintain the landfill.

## Vision & Strategic Plan Impact

### Vision Impacts:

Primary Impact: Environment, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

### Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

## [Comprehensive Plan Impacts:](#)

Primary Impact: Infrastructure, Secondary Impact: Environmental Management, Tertiary Impact: Not Applicable

### Legislative History

Date	Action
07/03/2017	Public Hearing for Bioreactor Landfill Cell #6
06/05/2017	Setting a Public Hearing for the Bioreactor Landfill Cell #6 Project
06/06/2016	Agreement with Burns & McDonnell Engineering Company, Inc. for Bioreactor Landfill Cell #6 Construction Documents and Leachate Study & Design
04/03/2016	Ordinance authorizing the issuance of Special Obligation Improvement Bonds (Solid Waste System Project), Series 2017

### Suggested Council Action

Approve the ordinance authorizing a bid call through the Purchasing Division for the construction of Bioreactor Landfill Cell #6.