



Department Source: City Utilities - Solid Waste

To: City Council

From: City Manager & Staff

Council Meeting Date: June 6, 2016

Re: Authorizing an Engineering Services Agreement with Burns & McDonnell Engineering Company, Inc. for Bioreactor Landfill Cell #6 Construction Documents and Leachate Study and Design.

Executive Summary

Staff has prepared for Council consideration an ordinance authorizing the City Manager to execute an agreement with Burns & McDonnell Engineering Company, Inc. in the amount of \$426,655.00, to provide professional engineering services for design and construction administration and quality assurance of bioreactor disposal cell #6 and to perform a study of leachate treatment alternatives and design treatment, if necessary.

Discussion

Burns & McDonnell Engineering Company, Inc. has been selected for this project in accordance with the City's professional consultant procurement guidelines based upon their understanding of the project requirements and their experience with similar projects. The total engineering contract not to exceed amount of \$426,665.00 is within the usual and customary guidelines for this type of project.

The scope of services for this engineering agreement involves providing the necessary professional services to design bioreactor disposal cell #6, provide construction administration and the quality assurance reports and record documents. In addition, leachate treatment alternatives are being investigated for both improved bioreactor operation and regulatory compliance purposes.

Cell #6 is the last area (approx. 11.26 acres) to be constructed in the currently permitted airspace and should take 3-4 years to fill to intermediate capacity. At that point, disposal will fill vertically above 91 of the 107 acres to the final permitted elevations over approximately 4-6 years depending on the volume of refuse received.

Fiscal Impact

Short-Term Impact: The engineering contract is for a not-to-exceed amount of \$426,655.00. These funds were appropriated with the FY16 budget.

Long-Term Impact: Construction of Cell #6 is estimated to be approximately \$4,000,000.00. These funds are planned to be appropriated with the FY17 budget.



Vision & Strategic Plan Impact

Vision Impacts:

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

Strategic Plan Impacts:

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

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
None	

Suggested Council Action

Authorize the City Manager to execute the agreement with Burns & McDonnell Engineering Company, Inc.