



Department Source: City Utilities - Solid Waste

To: City Council

From: City Manager & Staff

Council Meeting Date: December 18, 2023

Re: Authorizing Amendment No. 1 to the agreement for professional engineering services with Burns & McDonnell Engineering Company, Inc. for the preparation of design and construction documents for a vehicle wash bay facility at the City Columbia sanitary landfill

## Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute Amendment No. 1 to the agreement with Burns & McDonnell Engineering Company, Inc to provide additional engineering services for the preparation of design and construction documents for a vehicle wash bay facility at the City of Columbia sanitary landfill. The cost of this additional work will be a lump sum amount of \$65,550.

## Discussion

On November 21, 2022, City Council authorized the City Manager to execute an agreement with Burns & McDonnell Engineering Company, Inc. to provide engineering services for the preparation of design and construction documents for a vehicle wash bay facility at the City of Columbia sanitary landfill. The project consists of constructing of a building addition onto the south end of the existing Solid Waste Administration and Collection Facility that will contain a large vehicle wash bay facility.

The proposed large vehicle wash bay facility will be a drive-through automated vehicle wash bay that will allow Solid Waste to routinely clean their refuse and recycling collection vehicles in all weather conditions. It is anticipated that a routine vehicle washing regiment will help reduce vehicle maintenance costs, extend vehicle life and improve the overall safety of the collection operation.

The overall scope of the proposed building addition that was defined by Solid Waste staff for the original engineering agreement with Burns & McDonnell included space for a large vehicle maintenance bay, equipment storage, the large vehicle wash bay and the wash bay equipment. Initial design efforts for the building addition have been completed by Burns & McDonnell and it has been determined that construction costs for the original building addition exceeded the project budget.

Staff is proposing Amendment No. 1 to the engineering agreement with Burns & McDonnell in order to complete this project within the established budget while providing a facility that meets the needs of the Solid Waste Utility. The scope of work for Amendment No. 1 is to update the building design and construction documents by significantly reducing the size of the building addition so that it only provides space for the large vehicle wash bay and the wash bay equipment.

The updated scope of work for the amended agreement with Burns & McDonnell is to provide professional engineering services for the preparation of design and construction documents for the building addition that will house the vehicle wash bay and will include:



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

- Project management
- Update and complete the building and vehicle wash facility design.
- Update and complete the construction documents to reduce building size.
- Update of bid documents.
- Construction document submittal and coordination with City in order to obtain required building permits.

It is anticipated that Amendment No. 1 will allow the design and construction of a large vehicle wash bay facility that meets the requirements of the Solid Waste Utility while keeping the construction costs within budget. The total cost (design and construction) for this project is estimated to be \$2,200,000 and will be funded with Solid Waste Enterprise Funds.

Burns & McDonnell was been selected for this engineering agreement in accordance with the City's Pre-Qualified Professional Consultant procurement guidelines. The total lump sum amount for Amendment No. 1 \$65,550, which brings the total lump sum amount for this engineering agreement to \$261,300. Since the total lump sum amount of this agreement is in excess of \$50,000, City ordinances require this engineering agreement be approved by Council.

## Fiscal Impact

Short-Term Impact: The total estimated cost (design and construction) for this project is \$2,200,000. A total of \$2,200,000 has been appropriated for this project. \$1,000,000 was appropriated as part of the FY2024 budget, \$700,000 in FY2020 and \$500,000 in FY2019. The not-to-exceed amount for the amended agreement is \$261,300.

Long-Term Impact: There are no long-term impacts anticipated for this Amendment.

## Strategic & Comprehensive Plan Impact

### Strategic Plan Impacts:

Primary Impact: Reliable and Sustainable Infrastructure, Secondary Impact: Organizational Excellence, Tertiary Impact: Not Applicable

### Comprehensive Plan Impacts:

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

## Legislative History

Date	Action
11/21/2022	Resolution R188-22 Agreement for professional engineering services with Burns & McDonnell Engineering Company, Inc for the preparation of design and construction documents for a vehicle wash bay facility at the City of Columbia sanitary landfill.

## Suggested Council Action

Approval of the resolution