



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Solid Waste

To: City Council

From: City Manager & Staff

Council Meeting Date: November 21, 2022

Re: Authorizing an agreement for professional engineering service with Burns and McDonnell for design of the Vehicle Wash Bay Project at the Columbia Sanitary Landfill.

Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute an agreement with Burns & McDonnell to provide engineering services for the Vehicle Wash Bay Project. The total contract will be a lump sum amount of \$195,750.

Discussion

The Solid Waste Administration and Collection Facility was completed in 2016 and was designed and constructed to allow for a future building addition that would contain a large vehicle wash bay facility. Solid Waste now wishes to proceed with the design and construction of the vehicle wash bay project. The Vehicle Wash Bay project consists of constructing of a building addition onto the south end of the existing Solid Waste Administration and Collection Facility. The building addition will contain a large vehicle wash bay and an additional vehicle maintenance bay. The total estimated budget (design and construction) for this project is \$1,200,000.

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 fleet in all weather conditions. It is anticipated that a routine fleet washing regiment will help reduce fleet maintenance costs, extend vehicle life and improve the overall safety of collection operations.

There is currently not a drive-through automated wash bay facility in Columbia. Solid Waste staff currently utilize a local car wash facility and manually wash the vehicle. This current method is very time consuming and not effective in keeping vehicles clean during the winter months.

The additional vehicle maintenance bay will provide additional vehicle maintenance and storage space for fleet operations.

The scope of work for the proposed agreement with Burns & McDonnell is to provide professional engineering services for the design and construction of the building addition that will consist of the vehicle wash bay and vehicle maintenance bay and will include:

- Project management
- Completion of preliminary and intermediate construction documents.
- Completion of final construction documents.



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- Construction document submittal and coordination with City in order to obtain required building permits.

Burns & McDonnell has been selected for this engineering agreement in accordance with the City's Pre-Qualified Professional Consultant procurement guidelines. The total lump sum amount for the agreement is \$195,750. Since the total lump sum amount is in excess of \$50,000, City ordinances require this engineering agreement be approved by Council.

Fiscal Impact

Short-Term Impact: The cost for this agreement for engineering services is \$195,750.
Long-Term Impact: A total of \$1,200,000 has previously been appropriated this project.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Reliable 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
None	None

Suggested Council Action

Approve resolution authorizing the City Manager to execute this agreement.