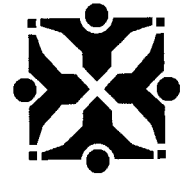


# City of Columbia

701 East Broadway, Columbia, Missouri 65201



**Agenda Item Number:** B 242-15

**Department Source:** Public Works

**To:** City Council

**From:** City Manager & Staff

**Council Meeting Date:** 08/17/2015

**Re:** Bid Call for Construction of a Solid Waste Administration and Collection Operations Facilities Building

## Documents Included With This Agenda Item

Council memo, Resolution/Ordinance

**Supporting documentation includes:** Map, Estimated Costs

## Executive Summary

Authorizing a bid call through the Purchasing Division for the construction of a Solid Waste Administration and Collection Operations Facility to be located at the City's landfill site, and appropriating funds. This new structure will relocate the current Solid Waste administration and collection operations from the Grissum Building on Lakeview Avenue. A Public Hearing was held on October 20, 2014.

## Discussion

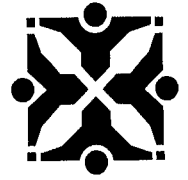
The construction of a new administration and collection operations facility at the City's landfill site has been proposed in the Solid Waste budget for several years. Currently, both functions exist at the Grissum Building, along with Street Operations, Transit and Fleet Maintenance. The Grissum building site is overcrowded and has become insufficient as each division has expanded.

Connell Architects was retained in 2013 to design a site plan and new facility at the landfill location to house all solid waste administration, collections personnel, and vehicles. Additionally, Burns & McDonnell was retained to design an expansion to the existing Landfill Gas To Energy heat recovery system, to incorporate the third engine and expand from the end of the loop that currently heats part of the Material Recovery Facility and Landfill Operation Center, to be used as a heat source for the new facility.

The estimated cost of the administration and collection operations facility and site is \$4,465,000, allowing for phased work and alternates of a truck wash station and vehicle storage building installations, based upon the construction bids. The base cost would include all site work, and a building just under 21,000 sq.ft. to house Solid Waste Administration and Collection staff, with meeting space for division personnel (including Landfill and Material Recovery Facility personnel) and three Fleet Operations service bays, fleet parts and a staffing room. Alternates include four separate vehicle storage structures, a 2,800 sq.ft. truck wash, and solar arrays. The heat recovery system expansion is included in the total scope of services for the construction project; however, it is funded separately with an estimated cost of \$325,000.

# City of Columbia

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## Fiscal Impact

Short-Term Impact: To date, \$2,170,000 has been budgeted for the Collection & Administration Facilities capital improvement project, and \$325,000 to the LFGE Heat Recovery Expansion capital improvement project. An additional \$2,295,000 is being appropriated from the Designated Loan Fund. Long-Term Impact: Routine maintenance as needed.

## Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Not Applicable

Strategic Plan Impact: Infrastructure

Comprehensive Plan Impact: Infrastructure

## Suggested Council Action

Authorize a bid call through the Purchasing Division for the construction of the Solid Waste Administration and Collection Operations Facility at the City's landfill site; and appropriate funds.

## Legislative History

**10/06/14** (R180-14) Setting a public hearing for October 20, 2014

**06/03/13** (R104-13) Professional Architectural Services agreement with Connell Architecture, P.C. for design of the Solid Waste Administration and Collection Operations Facilities building and miscellaneous site work.

**02/07/11** (R12-11) Amendment No. 1 to the agreement with Burns & McDonnell Engineering Company, Inc. for engineering services for bioreactor landfill operational support.

**11/16/09** (R274-09) Agreement with Burns & McDonnell Engineering Company, Inc. for engineering services for bioreactor landfill operational support.

Department Approved

City Manager Approved

Introduced by \_\_\_\_\_

First Reading \_\_\_\_\_

Second Reading \_\_\_\_\_

Ordinance No. \_\_\_\_\_

Council Bill No. B 242-15

### **AN ORDINANCE**

determining it is in the public interest to construct a solid waste administration and collection operations facilities building at the Columbia Sanitary Landfill; approving and adopting plans and specifications; determining that the work shall be done by contract; calling for bids through the Purchasing Division; providing for payment for the improvement; appropriating funds; authorizing the City Manager to obtain, execute and record all documents necessary for the improvement; providing for compliance with the prevailing wage law and state-mandated construction safety training; and fixing the time when this ordinance shall become effective.

WHEREAS, the City Council adopted a resolution declaring the necessity of constructing a solid waste administration and collection operations facilities building at the Columbia Sanitary Landfill; and

WHEREAS, the notice of a public hearing on this project was published in a daily newspaper of general circulation in the city; and

WHEREAS, the City Council has held a public hearing on construction of the improvement.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The Council finds that the construction of a solid waste administration and collection operations facilities building at the Columbia Sanitary Landfill, and other miscellaneous work, all in accordance with City of Columbia Street and Storm Sewer Specifications and Standards, in the City of Columbia, Missouri, is necessary for the welfare and improvement of the city and that it is in the public interest that such improvement be made.

SECTION 2. The plans and specifications for this improvement, as prepared by Connell Architects, are hereby approved and made a part of this ordinance by reference.

SECTION 3. The construction of the improvement shall be done by contract in accordance with the plans and specifications, the laws of the State of Missouri, and the Charter and Ordinances of the City of Columbia, Missouri.

SECTION 4. The Purchasing Agent is hereby authorized to call for bids and execute a contract for the improvement.

SECTION 5. Payment for this improvement shall be made from capital improvement sales tax funds and such other funds as may be lawfully appropriated.

SECTION 6. The sum of \$2,295,000.00 is hereby appropriated from the Designated Loan Fund Account No. 710-0000-132.01-00 to the Collection & Administration Facilities Project Account No. 557-6588-881.49-90, C48048.

SECTION 7. The City Manager is authorized to obtain, execute and have recorded all licenses, easements, deeds and any other conveyances or instruments necessary for the City to complete this improvement.

SECTION 8. The contract for the improvement shall provide that not less than the prevailing hourly rate of wages, as found by the Department of Labor and Industrial Relations of Missouri, shall be paid to all workers performing work under the contract. The contractor's bond shall guarantee the faithful performance of the prevailing hourly wage clause in the contract.

SECTION 9. The bid specifications and contract for the improvement shall provide that the contractor and any subcontractor shall provide a ten-hour Occupational Safety and Health Administration construction safety program (or a similar program approved by the Missouri Department of Labor and Industrial Relations) for all employees working on-site. All employees working on the site of the improvement are required to complete the safety program within 60 days of beginning work on the improvement project.

SECTION 10. This ordinance shall be in full force and effect from and after its passage.

PASSED this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

ATTEST:

\_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Mayor and Presiding Officer

APPROVED AS TO FORM:

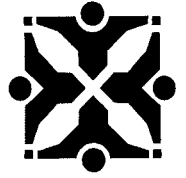
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City Counselor

CERTIFICATION: I certify there are sufficient funds available in the Designated Loan Fund Account No. 710-0000-132.01-00 to cover the above appropriation.

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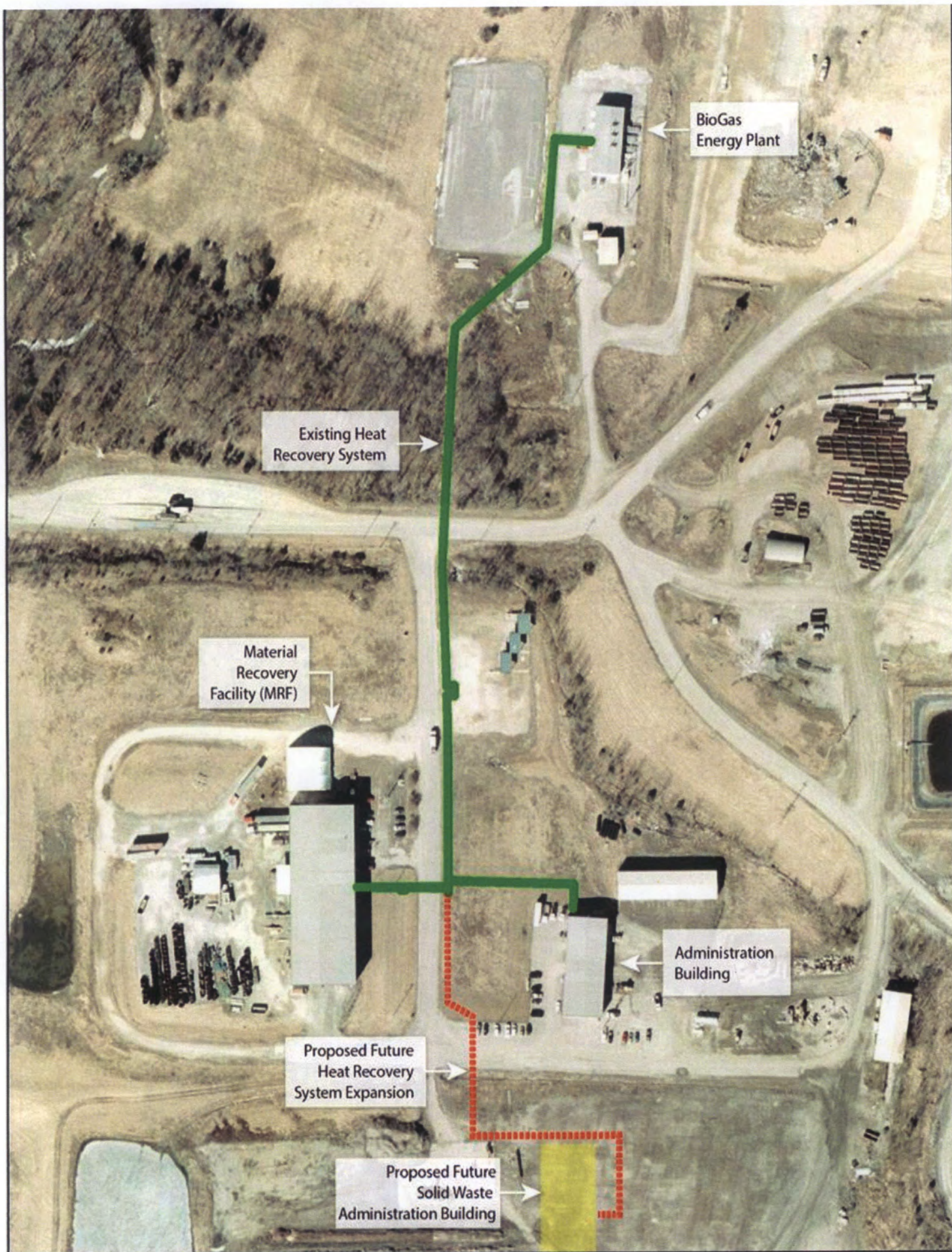
Director of Finance



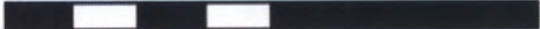
## SUPPORTING DOCUMENTS INCLUDED WITH THIS AGENDA ITEM ARE AS FOLLOWS:

Map, Estimated Costs





275 137.5 0 275 Feet

A scale bar with three segments: a black segment on the left, a white segment in the middle, and a black segment on the right.



# Solid Waste Administration Building

Base Quote: \$2,651,445.79

## Add Alternate #1

Truck Wash Structure  
61.88' x 45'  
Additional Investment: \$415,174.50

## Add Alternate #2

Two Vehicle Storage Shelters - Hold 22 Vehicles  
Shelter #1 - Holds 12 Vehicles  
169.58' x 41.58'  
Cost: \$279,372.98  
Shelter #2 - Holds 10 Vehicles  
141.58' x 41.58'  
Cost: \$235,839.41  
Additional Investment: \$515,212.39

## Add Alternate #3

Vehicle Storage Shelter - Holds 12 Vehicles  
169.58' x 41.58'  
Additional Investment: \$279,372.98

## Add Alternate #4

Vehicle Storage Shelter - Holds 18 Vehicles  
253.58' x 41.58'  
Additional Investment: \$409,981.23

## Add Alternate #5

Vehicle Storage Shelter - Holds 8 Vehicles  
113.58' x 41.58'  
Additional Investment: \$192,305.84

Total Investment: \$4,463,492.78

