



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: August 19, 2019

Re: Second Addendum to Agreement for Professional Engineering Services with Burns & McDonnell Engineering Company, Inc.

Executive Summary

Staff has prepared for Council consideration an ordinance authorizing the City Manager to execute a second addendum to a Professional Engineering Services Agreement with Burns & McDonnell Engineering Company, Inc. for the More's Lake Remediation and Site Restoration Project at the Municipal Power Plant. This addendum is necessary to help comply with newly issued federal regulations. The cost for this addendum is not to exceed \$196,654.35 and is to be paid for by funds already appropriated as part of capital project E0204.

Discussion

Burns & McDonnell Engineering Company, Inc. is currently under contract with the City for engineering services for the More's Lake Remediation and Site Restoration Project at the Municipal Power Plant. In June 2016, a United States Court of Appeals granted a settlement between utility industry and environmental groups that removed the effects of the "early closure" provisions for inactive surface impoundments under the United States Environmental Protection Agency's (USEPA) Coal Combustion Residual rule (40 CFR 257). With this rule change making the "early closure" provision no longer applicable, all inactive CCR surface impoundments must now comply with all of the rule requirements applicable to existing/active CCR surface impoundments.

The rule requires operators to implement groundwater monitoring programs prior to April 17, 2019 that are capable of detecting releases to shallow groundwater. To meet this requirement, owners must install well networks and conduct eight (8) rounds of background monitoring prior to April 17, 2019.

The first addendum to the existing Professional Engineering Services Agreement with Burns & McDonnell Engineering Company, Inc. has been completed for a review of the existing groundwater monitoring network for inactive CCR surface impoundment (locally known as More's Lake) at the City's Municipal Power Plant in Columbia, Missouri and implementation of groundwater management activities to support compliance with the federal CCR rule.

This addendum will address additional regulatory requirements and developments associated with the More's Lake Remediation and Site Restoration Project. According to the Federal Coal Combustion Residuals (CCR) rule, More's Lake is an inactive surface impoundment. The City has met the April 17, 2019 requirement, receiving the last of the required data on April 15, 2019. It has been determined that a statistically significant increase in constituent levels has occurred. The City must now begin an assessment



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monitoring and reporting program (semi-annual groundwater monitoring and reporting), provide notice that the statistically significant increase has occurred and that an assessment monitoring program has been initiated, establish groundwater protection standards for detected constituents, and determine the nature and extent of the groundwater constituent exceedances.

Staff is requesting that Burns & McDonnell provide services for executing these next steps in CCR rule compliance. The cost for this addendum is not to exceed \$196,654.35 and is to be paid for by funds already appropriated as part of capital project E0204.

Fiscal Impact

Short-Term Impact: The cost for this addendum is not to exceed \$196,654.35 and is to be paid for by funds already appropriated as part of capital project E0204.

Long-Term Impact: None

Strategic & Comprehensive Plan Impact

[Strategic Plan Impacts:](#)

Primary Impact: Infrastructure, Secondary Impact: Public Safety, Tertiary Impact: Tertiary

[Comprehensive Plan Impacts:](#)

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

Legislative History

Date	Action
6/20/2016	B149-16 Agreement for Professional Engineering Services Agreement with Burns & McDonnell Engineering Company, Inc. for the More's Lake Remediation and Site Restoration Project at the Municipal Power Plant.
1/3/2017	B345-16 Authorizing a first addendum to agreement for professional engineering services with Burns & McDonnell Engineering Company, Inc. for the More's Lake remediation and site restoration project at the Municipal Power Plant.

Suggested Council Action

Approve an ordinance authorizing the City Manager to execute a second addendum to a Professional Engineering Services Agreement with Burns & McDonnell Engineering Company, Inc. for the More's Lake Remediation and Site Restoration Project at the Municipal Power Plant.