



## Legislation Text

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**File #: 1125-2017, Version: 1**

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**1.0 BACKGROUND:** This Ordinance authorizes the Director of Public Utilities to modify and increase the professional engineering services agreement with Brown and Caldwell for the Hap Cremean Water Plant (HCWP) Lime Slurry Disposal Line Condition Assessment Project, Division of Water Contract No. 2041.

The original project consisted of three phases. Each phase was intended to build confidence in the capability of the in-line inspection technology before moving to the next phase.

Phases 1 and 2 were legislated under Ordinance No. 0760-2014, passed April 28, 2014. Phase 1 consisted of the condition assessment of a 12” water distribution main using an in-line inspection tool. Phase 2 consisted of the condition assessment of the DRWP 14” lime slurry disposal line and a pilot section of the HCWP 12” lime slurry disposal line.

Phase 3 was legislated under Ordinance No. 2187-2016, passed October 3, 2016. Phase 3 consisted of the condition assessment of a 2 mile section and a 3 mile section of the HCWP lime slurry disposal line between the end of Phase 2 and the McKinley Quarry.

Due to the successful assessment of the previous phases, additional areas along the length of the lime slurry disposal line need evaluated to fully identify the areas that pose the greatest potential risk of failure. In addition to the condition assessment of the additional areas, a rehabilitation strategy will need to be conducted so that a future CIP project can be designed and constructed to address the areas that are posing the greatest risk of failure. This work will be performed under Modification Number 2 (current) to authorize Phase 4.

The planning area is “City Wide” because this project serves multiple planning areas.

**1.1 Amount of additional funds to be expended: \$680,000.08**

Original Contract Amount:	\$1,336,013.71	(EL015711)
Modification No. 1:	\$1,011,279.78	(PO034218)
<u>Modification No. 2 (current):</u>	<u>\$ 680,000.08</u>	
Total (Orig. + Mods 1-2)	\$3,027,293.57	

**1.2. Reasons additional goods/services could not be foreseen:**

This is a planned contract modification explained in the legislation for the first contract modification (Ordinance No. 2187-2016).

**1.3. Reason other procurement processes are not used:**

The original contract was to build confidence in the capability of the in-line inspection technology while providing information on pipe condition. This technology provided acceptable results to move forward with the planned Phase 4.

**1.4. How cost of modification was determined:**

A cost proposal provided by Brown & Caldwell was reviewed by Division of Water staff and deemed acceptable.

**2.0 ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT; ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT:** The purpose of the project is to address the Ohio EPA concerns over the condition of the lime slurry disposal line and the environmental risks posed by its failure. A primary priority of this project is to identify and mitigate potential risks involved by assessing the condition of the lime

slurry disposal line and providing the most detailed information available on the pipe condition.

**3.0 CONTRACT COMPLIANCE INFO:** 94-1446346, expires 8/26/17, Majority. DAX Vendor No. is 010815.

Searches in the Excluded Party List System (Federal) and the Findings for Recovery list (State) produced no findings against Brown and Caldwell.

**4.0 FISCAL IMPACT:** A transfer of funds within the Water G.O. Bond Fund will be necessary as well as an amendment to the 2017 Capital Improvements Budget.

To authorize the Director of Public Utilities to enter into a planned modification of the professional engineering services agreement with Brown and Caldwell for the Hap Cremean Water Plant Lime Slurry Disposal Line Condition Assessment Project for the Division of Water; to authorize a transfer and expenditure up to \$680,000.08 from the Water General Obligations Bond Fund; and to authorize an amendment to the 2017 Capital Improvements Budget. (\$680,000.08)

**WHEREAS**, Contract No. EL015711 was authorized by Ordinance No. 0760-2014, passed April 28, 2014, was executed on May 6, 2014, and approved by the City Attorney on May 20, 2014, for the Hap Cremean Water Plant (HCWP) Lime Slurry Disposal Line Condition Assessment Project; and

**WHEREAS**, Contract Modification No. 1 under PO034218, was authorized by Ordinance No. 2187-2016, passed October 3, 2016, was executed on November 4, 2016, and approved by the City Attorney on November 7, 2016 for the Hap Cremean Water Plant (HCWP) Lime Slurry Disposal Line Condition Assessment Project; and

**WHEREAS**, Contract Modification No. 2 (current) will establish funding for Phase 4, to provide for a condition assessment of a 3.5 mile section of the HCWP lime slurry disposal line and develop a rehabilitation strategy for the entire 17.5 miles of pipe from the HCWP plant to the quarry; and

**WHEREAS**, it is necessary to authorize the Director of Public Utilities to modify and increase the professional engineering services agreement with Brown and Caldwell for the Hap Cremean Water Plant (HCWP) Lime Slurry Disposal Line Condition Assessment Project; and

**WHEREAS**, it is necessary to authorize a transfer and expenditure of funds within the Water G.O. Bond Fund, for the Division of Water; and

**WHEREAS**, it is necessary to authorize an amendment to the 2017 Capital Improvements Budget for purposes of providing sufficient funding and expenditure authority for the aforementioned project expenditure; and

**WHEREAS**, it has become necessary in the usual daily operation of the Department of Public Utilities, Division of Water, to authorize the Director to modify and increase the professional engineering services agreement with Brown and Caldwell, for the Hap Cremean Water Plant (HCWP) Lime Slurry Disposal Line Condition Assessment Project, for the preservation of the public health, peace, property, safety and welfare; now, therefore,

**BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS:**

**SECTION 1.** That the Director of Public Utilities is hereby authorized and directed to modify and increase the professional engineering services agreement with Brown and Caldwell for the Hap Cremean Water Plant (HCWP) Lime Slurry Disposal Line Condition Assessment Project, in an amount up to \$680,000.08.

**SECTION 2.** That this contract modification is in compliance with Chapter 329 of the Columbus City Code.

**SECTION 3.** That the transfer of \$680,000.08 or so much thereof as may be needed, is hereby authorized between projects within Fund 6006 - Water G.O. Bond Fund, per the account codes in the attachment to this ordinance.

**SECTION 4.** That the 2017 Capital Improvements Budget is hereby amended, within Fund 6006 - Water G.O. Bonds Fund, as follows:

**Project No. | Project Name | Revised Authority | Remaining Authority | Change**

P690512-100000 (carryover) | HCWP Wash Water Tank Int./Ext. Coating | \$712,487 | \$32,486 | -\$680,001

P690538-100001 (carryover) | HCWP Lime Slurry Disp. Line Cond. Assess | \$0 | \$680,001 | +\$680,001

**SECTION 5.** That the expenditure of \$680,000.08 or so much thereof as may be needed, is hereby authorized in Fund 6006 - Water G.O. Bonds Fund, in Object Class 06, Capital Outlay, per the accounting codes in the attachment to this ordinance.

**SECTION 6.** That the funds necessary to carry out the purpose of this Ordinance are hereby deemed appropriated, and the City Auditor shall establish such accounting codes as necessary.

**SECTION 7.** That the City Auditor is hereby authorized and directed to transfer any unencumbered balance in the project account to the unallocated balance within the same fund upon receipt of certification by the Director of the Department administering said project that the project has been completed and the monies no longer required for said project; except that no transfer shall be made from a project account by monies from more than one source.

**SECTION 8.** That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

**SECTION 9.** That the City Auditor is authorized to make any accounting changes to revise the funding source for all contracts or contract modifications associated with this Ordinance.

**SECTION 10.** That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.