



## Legislation Text

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**File #:** 1371-2013, **Version:** 1

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**1. BACKGROUND:** This Ordinance authorizes the Director of Public Utilities to modify and increase the professional engineering services agreement with CH2M Hill Engineers, Inc. for the Hap Cremean Water Plant (HCWP) Sludge Pump Station Renovations and Electrical Upgrades Project, for Division of Water Contract No. 870.

The original contract provided for the preliminary and detailed design of the project.

Modification No. 1 provided for the Construction Administration and Construction Inspection services for the project.

Modification No. 2 reimbursed funds that provided for the immediate response to the Ohio EPA due to lime sludge spills from the HCWP sludge force main. Modification No. 2 also provided a pilot project requested by the Department of Public Utilities's Asset Management office to assist in their development of an O&M Ready specification for their reliability centered maintenance initiative and to meet new DPU Asset Management requirements.

This Modification (No. 3) will provide the engineering services needed to select and recommend the replacement of existing quarry pumps, due to repeated failures. These pumps are critical as they dispose of the sludge produced during the water treatment process by pumping it to the McKinley Ave Quarry. During any failures lagoon pumps have been used as backup. However the lime sludge would be pumped to the nearby lagoons which need to be cleaned when they are filled. Removing the sludge from the lagoons and trucking it to the quarry is more expensive than pumping the sludge directly.

**1.1 Amount of additional funds to be expended: \$108,520.00**

Original Contract Amount:	\$2,150,597.00 (EL005320)
Modification No. 1	\$4,318,963.00 (EL006687)
Modification No. 2	\$1,653,740.00 (EL011632 / EL012075)
<u>Modification No. 3 (current)</u>	<u>\$ 108,520.00</u>
Total (Orig. + Mods 1 - 3)	\$8,231,820.00

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

This contract modification was not anticipated. The quarry pumps had not shown any evidence of needing replaced during the execution of Modification No. 2.

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

The current consultant is familiar with the project and has completed all the engineering work to date on the project. Bidding out an RFP at this time to select another consultant would delay the selection and installation of the quarry pumps which are critical to the treatment process and would result in higher costs due to bringing the new consultant up to speed on the project. Delaying the installation of new quarry pumps may increase the risk of additional failures to the existing pumps which would result in additional expensive repair costs and possible need to pump sludge to the lagoons. Pumping sludge to the lagoons results in more frequent cleaning of the lagoons and higher costs.

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

The Consultant prepared an estimate based on the scope of work for this contract modification. City staff reviewed and approved this cost estimate.

**2. ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT;**

**ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT:** These pumps are critical to the water treatment process because they dispose of the sludge produced during the water treatment process. Sludge disposal is a critical part of the water treatment process and is necessary to provide an adequate and safe supply of drinking water which is essential to economic growth and development.

**3. CONTRACT COMPLIANCE INFO:** 32-0100027, expires 1/7/15, Majority  
Searches in the Excluded Party List System (Federal) and the Findings for Recovery list (State) produced no findings against CH2M Hill Engineers, Inc.

**4. FISCAL IMPACT:** A transfer of funds within the Water Works Enlargement Voted Bonds Fund will be necessary as well as an amendment to the 2013 Capital Improvements Budget.

To authorize the Director of Public Utilities to modify the professional engineering services agreement with CH2M Hill Engineers, Inc. for the Hap Cremean Water Plant Sludge Pump Station Renovations and Electrical Upgrades Project; for the Division of Water; to authorize a transfer and expenditure up to \$108,520.00 within the Water Works Enlargement Voted Bonds Fund; and to amend the 2013 Capital Improvements Budget. (\$108,520.00)

**WHEREAS,** Contract No. EL005320 was authorized by Ordinance No. 0474-2005, passed March 28, 2005, was executed May 9, 2005, and approved by the City Attorney on May 17, 2005; and

**WHEREAS,** Modification No. 1 EL006687 was authorized by Ordinance No. 2053-2006, passed December 11, 2006, was executed on December 21, 2006, and was approved by the City Attorney on January 2, 2007; and

**WHEREAS,** Modification No. 2 EL011632 (replaced EL012075 due to name change) was authorized by Ordinance No. 0300-2011, passed March 14, 2011, was executed on May 5, 2011, and was approved by the City Attorney on May 9, 2011; and

**WHEREAS,** Modification No. 3 will provide the engineering services needed to select and recommend the replacement of failing quarry pumps; and

**WHEREAS,** it is necessary for this Council to authorize the Director of Public Utilities to modify and increase the professional engineering services agreement with CH2M Hill Engineers, Inc. for continued professional engineering services within the Water Works Enlargement Voted Bonds Fund; and

**WHEREAS,** it is necessary for this Council to authorize a transfer and expenditure of funds within the Water Works Enlargement Voted Bonds Fund, for the Division of Water; and

**WHEREAS,** it is necessary to authorize an amendment to the 2013 Capital Improvements Budget for the purpose of providing sufficient spending 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 of Public Utilities to modify and increase the professional engineering services agreement with CH2M Hill Engineers, Inc. for the Hap Cremean Water Plant Sludge Pump Station Renovations and Electrical Upgrades 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 CH2M Hill Engineers, Inc. for the Hap Cremean Water Plant Sludge Pump Station Renovations and Electrical Upgrades Project, in the amount of \$108,520.00.

**SECTION 2.** That this contract modification is in compliance with Section 329.16 of Columbus City Codes, 1959.

**SECTION 3.** That the City Auditor is hereby authorized to transfer \$108,520.00 within the Department of Public Utilities, Division of Water, Water Works Enlargement Voted Bonds Fund, Fund No. 606, Dept/Div. No. 60-09, Object Level Three 6677, as follows:

**Fund No. | Project No. | Project Name | OCA Code | Change**

606 | 690428-100001 (carryover) | DRWP Trmt Cap-DD/Constr. | 664281 | -\$108,520.00

606 | 690332-100000 (carryover) | HCWP Sludge Pump Sta. | 606332 | +\$108,520.00

**SECTION 4.** That the 2013 Capital Improvements Budget is hereby amended as follows:

**Fund No. | Proj. No. | Proj. Name | Current Authority | Revised Authority | Change**

606 | 690428-100001 (carryover) | DRWP Trmt Cap-DD/Constr. | \$8,579,061 | \$8,470,541 | -\$108,520

606 | 690332-100000 (carryover) | HCWP Sludge Pump Sta. | \$0 | \$108,520 | +\$108,520

**SECTION 5.** That an expenditure up to \$108,520.00 is hereby authorized for the Hap Cremean Water Plant Sludge Pump Station Renovations and Electrical Upgrades Project within the Water Works Enlargement Voted Bonds Fund, Fund No. 606, Dept.-Div. 60-09, Project No. 690332-100000 (carryover), Object Level Three 6677, OCA Code 606332.

**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.