



## Legislation Details (With Text)

**File #:** 0279-2015      **Version:** 1  
**Type:** Ordinance      **Status:** Passed  
**File created:** 1/21/2015      **In control:** Public Utilities Committee  
**On agenda:** 3/2/2015      **Final action:** 3/4/2015

**Title:** To authorize the Director of Public Utilities to enter into a planned modification to the professional engineering services agreement with CH2M Hill Engineers, Inc. for the Parsons Avenue Water Plant (PAWP) Treatment Upgrade Project; in the amount of \$1,250,000.00; to authorize transfers and expenditures within the Water Permanent Improvements Fund, the Water Build America Bonds Fund, and the Water Super Build America Bonds Fund; and to authorize an amendment to the 2014 Capital Improvements Budget. (\$1,250,000.00)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. ORD 0279-2015 Information, 2. ORD 0279-2015 Sub ID, 3. ORD 0279-2015 Transfers, 4. ORD 0279-2015 map

| Date      | Ver. | Action By             | Action                  | Result |
|-----------|------|-----------------------|-------------------------|--------|
| 3/4/2015  | 1    | CITY CLERK            | Attest                  |        |
| 3/3/2015  | 1    | MAYOR                 | Signed                  |        |
| 3/2/2015  | 1    | COUNCIL PRESIDENT     | Signed                  |        |
| 3/2/2015  | 1    | Columbus City Council | Approved                | Pass   |
| 2/23/2015 | 1    | Columbus City Council | Read for the First Time |        |

**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 Parsons Avenue Water Plant (PAWP) Treatment Upgrade Project, Division of Water Contract No. 1095.

The Original agreement (EL007318, Ord. #1073-2007) entailed professional consulting/engineering services to provide full-service assistance to the City to evaluate options and design an upgrade to the Parsons Avenue Water Plant to reliably treat a 50 MGD combination of ground water, ground water under the direct influence of surface water (GWUDI), and surface water. Tasks identified Preliminary Engineering, including Bench-Scale Demonstration and Microbial Studies, which were compiled into a Preliminary Engineering Report.

Modification No. 1 (EL012078, Ord. #1030-2011) allowed for completion of the Preliminary Engineering Report, including finalization of a series of Technical Memorandums which summarized the findings throughout the preliminary investigation into plant upgrades.

Modification No. 2 (EL013280, Ord. #1187-2012) allowed for completion of the detailed design and bidding portion of the project. It included 30%, 60% and 90% design submittals and review meetings, Value Engineering, regulatory submittals, a geotechnical investigation, and a Full-Scale Microbial Demonstration Study as necessary.

Modification No. 3 (current) provides partial funding for Engineering Services During Construction. Construction is anticipated to begin in February 2015 and last for approximately 3.5 years. Services under this modification will also include onsite construction representation, submittal and RFI reviews, change order preparation, special inspections,

training and asset management services and preparation of records documents, online training, an ArcFlash Study and other engineering services during construction as outlined in the contract scope of work.

**1.1 Amount of additional funds to be expended: \$1,250,000.00**

Original Contract Amount: \$ 1,740,400.00 (EL007318)  
Modification #1: \$ 275,000.00 (EL012078)  
Modification #2: \$ 5,950,000.00 (EL013280)  
Modification #3: (current) \$ 1,250,000.00  
Amount of original contract and Mods 1-3: \$ 9,215,400.00  
Modification #4: (future) \$ 3,450,000.00  
\$12,665,400.00

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

This was a planned contract modification as indicated in the Original authorizing legislation (Ord. #1073-2007), Modification No. 1 (Ord. #1030-2011), and Modification No. 2 (Ord. #1187-2012).

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

The consultant team is very familiar with the details of the project and has performed a multitude of tests, prepared a series of reports and documentation detailing their findings and recommendations, and have compiled the Preliminary Design Report, Detailed Design documents and Bidding documents. This contract was anticipated to be funded in phases as indicated on the original authorized legislation. The process of selecting and contracting with a new consultant team at this time and having them start with data and reports prepared by another consultant would further delay the project and the design of major upgrades that will help the plant provide reliable service and preparedness for future regulatory changes or updates.

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

The consultant prepared an estimate of cost for the remaining scope of work based on a series of meetings and defined task list. City Project management staff reviewed, provided input into the scope and the fees, and approved this cost proposal.

**2. ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT; ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT:** This project is necessary to meet anticipated regulatory requirements for the Parsons Avenue Water Plant (PAWP). The PAWP is an essential and integral component in the Columbus area water supply and treatment infrastructure. Adequate safe supply of water is essential to economic growth and development.

Public informational meetings are not anticipated for this project, all proposed work should be within the boundaries of the water treatment facility. Regulatory agencies will be notified of the proposed work as appropriate.

The consultant team has identified a commitment to the Mayor's Green Initiative in their business practices. Upgrades to the electrical systems at the plant will be evaluated for increased efficiency and reduced energy consumption. A construction waste management program will be employed to ensure that certain amounts of construction waste are recycled and diverted from landfills.

**3. CONTRACT COMPLIANCE INFO:** 32-0100027, expires 12/2/16, 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. FUTURE AGREEMENT MODIFICATION:** As noted above, this modification is only funding a portion of Engineering Services During Construction. A future modification will be sought for the remainder of the construction period.

**5. FISCAL IMPACT:** This legislation includes a transfer of funds within the Water Permanent Improvements Fund, the Water Build America Bonds Fund, and the Water Super Build America Bonds Fund, and an amendment to the 2014 Capital Improvements Budget. \*Appropriation for Fund 608, Project No. 690370-100000 is contingent upon passage of Ordinance No. 2969-2014.

To authorize the Director of Public Utilities to enter into a planned modification to the professional engineering services agreement with CH2M Hill Engineers, Inc. for the Parsons Avenue Water Plant (PAWP) Treatment Upgrade Project; in the amount of \$1,250,000.00; to authorize transfers and expenditures within the Water Permanent Improvements Fund, the Water Build America Bonds Fund, and the Water Super Build America Bonds Fund; and to authorize an amendment to the 2014 Capital Improvements Budget. (\$1,250,000.00)

**WHEREAS,** Contract No. EL007318 was authorized by Ordinance No. 1073-2007 passed July 23, 2007, was executed on September 11, 2007, and was approved by the City Attorney on September 19, 2007; and

**WHEREAS,** Contract Modification No.1 EL012078 was authorized by Ordinance No. 1030-2011 passed July 18, 2011, was executed on August 18, 2011, and was approved by the City Attorney on August 18, 2011; and

**WHEREAS,** Contract Modification No. 2 EL013280 was authorized by Ordinance No. 1187-2012 passed June 25, 2012, was executed on July 27, 2012, and was approved by the City Attorney on August 1, 2012; and

**WHEREAS,** Modification No. 3 provides partial funding for Engineering Services During Construction; and

**WHEREAS,** Modification No. 4 will be requested in the future to fund remaining Engineering Services During Construction; and

**WHEREAS,** it is necessary for this Council to authorize the City Auditor to transfer and expend funds within the Water Permanent Improvements Fund, the Water Build America Bonds Fund, and the Water Super Build America Bonds Fund; and

**WHEREAS,** it is necessary to authorize an amendment to the 2014 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 of Public Utilities to modify and increase the professional engineering services agreement with CH2M Hill Engineers, Inc. for the Parsons Avenue Water Plant (PAWP) Treatment Upgrade 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 contract with CH2M Hill Engineers, Inc. for the Parsons Avenue Water Plant (PAWP) Treatment Upgrade Project, for the Division of Water, in the amount of \$1,250,000.00.

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

**SECTION 3.** That the City Auditor is hereby authorized and directed to appropriate the following:

Division: Power and Water  
Dept./Div. No.: 60-09  
OL3: 6677

**Fund No. | Fund Name | Project No. | Project Name | OCA | Amount**

608 | Water Permanent Improvements Fund | 608999-100000 (carryover) | Unallocated Balance Fund 608 | 608999 | \$6,156.00  
609 | Water Build America Bonds Fund | 609999-100000 (carryover) | Unallocated Balance Fund 609 | 609999 | \$37,015.47  
610 | Water Super Build America Bonds Fund | 610999-100000 (carryover) | Unallocated Balance Fund 610 | 610999 | \$1,334.17

**SECTION 4.** That the City Auditor is hereby authorized to transfer \$1,250,000.00 within the Department of Public Utilities, Division of Water, Dept./Div. No. 60-09, Object Level Three 6677, as indicated on attachment "ORD 0279-2015 Transfers".

**SECTION 5.** That the 2014 Capital Improvements Budget is hereby amended as indicated on attachment "ORD 0279-2015 Transfers".

**SECTION 6.** That the expenditure of \$1,250,000.00 is hereby authorized for the Parsons Avenue Water Plant (PAWP) Treatment Upgrade Project, Division 60-09, Object Level Three 6677, as follows:

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

608 | Water Permanent Imp's Fund | 690488-100000 (carryover) | 608488 | \$805,294.09  
609 | Water Build America Bonds Fund | 690488-100000 (carryover) | 609488 | \$438,010.04  
610 | Water Super Build America Bonds Fund | 690488-100000 (carryover) | 610488 | \$6,695.87

**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.