



## Legislation Text

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**File #: 2896-2016, Version: 1**

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**1.0 BACKGROUND:** This legislation authorizes the Director of Public Utilities to enter into a professional engineering services agreement with CH2M Hill Engineers, Inc., for the Parsons Avenue Water Plant (PAWP) Hypochlorite Disinfection Improvements Project, in an amount up to \$589,800.00, for Division of Water Contract No. 2133.

This project will study, design, and construct improvements to convert the PAWP's disinfection process from the current gaseous chlorine process to a liquid sodium hypochlorite disinfection process.

This contract is for Professional Engineering Services (Design Professional or "DP" services). This initial contract authorization provides for preliminary design services to evaluate alternatives and develop preliminary design concepts. Future contract modifications will be requested to provide funding for detailed design services and engineering services during construction. Construction of the improvements will be performed under a different contract.

The Community Planning Area for Parsons Avenue Water Plant is "N/A" since it provides service to several communities.

**2. ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT; ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT:** This project will address the risks associated with a gaseous chlorine based system while providing a safer storage and handling system for plant staff. The potential for release of chlorine gas will be mitigated with this project. There will be no anticipated public meetings held during this project. The Division of Water will be responsible for coordinating with stakeholders.

**3. BID INFORMATION:** The selection of the firm providing the professional engineering services has been performed in accordance with the procedures set forth in Columbus City Code, Section 329, "Awarding professional service contracts through requests for proposals." The evaluation criteria for this contract included: 1. Proposal Quality, 2. Demonstrated Project Understanding, 3. Proposed Project Schedule, 4. Environmental Considerations, 5. Experience of Team, 6. Ability to Perform Expeditiously, 7. Past Performance on Similar Projects, and 8. Local Workforce.

On August 28, 2015, the Department received five Request for Proposals (RFP's) from ARCADIS U.S., CH2M Hill Engineers, Burgess & Niple, Brown & Caldwell, and Hazen & Sawyer.

An evaluation committee reviewed the proposals and scored them based on the criteria mentioned above. The Department of Public Utilities recommends that the contract be awarded to CH2M Hill Engineers, Inc.

The Contract Compliance Number for CH2M Hill Engineers, Inc. is 32-0100027 (expires 12/2/16, MAJ) (DAX Vendor #006247). Additional information regarding this bidder, description of work, contract time frame and detailed amounts can be found on the attached Information form.

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 CONTRACT MODIFICATION:** Future contract modifications were identified in the RFP: Modification No. 1 will provide Detailed Design Services and Modification No. 2 will provide Engineering Services During Construction.

**5. FISCAL IMPACT:** A transfer of funds within the Water G.O. Bonds Fund will be necessary as well as an amendment

to the 2016 Capital Improvements Budget.

To authorize the Director of Public Utilities to enter into an agreement with CH2M Hill Engineers, Inc. for professional engineering services for the Parsons Avenue Water Plant Hypochlorite Disinfection Improvements Project for the Division of Water; to authorize a transfer and expenditure up to \$589,800.00 within the Water General Obligations Bonds Fund; and to amend the 2016 Capital Improvements Budget. (\$589,800.00)

**WHEREAS**, five technical proposals for professional engineering services for the Parsons Avenue Water Plant (PAWP) Hypochlorite Disinfection Improvements Project was received on August 28, 2015; and

**WHEREAS**, the Department of Public Utilities recommends that the agreement be awarded to CH2M Hill Engineers, Inc.; and

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

**WHEREAS**, it is necessary to authorize an amendment to the 2016 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 Division of Water, Department of Public Utilities, to authorize the Director of Public Utilities to enter into a professional engineering services agreement with CH2M Hill Engineers, Inc. for the Parsons Avenue Water Plant (PAWP) Hypochlorite Disinfection Improvements Project; for the preservation of the public health, peace, property and safety; **now, therefore**

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

**SECTION 1.** That the Director of Public Utilities is hereby authorized to enter into a professional engineering services agreement for the Parsons Avenue Water Plant (PAWP) Hypochlorite Disinfection Improvements Project with CH2M Hill Engineers, Inc., 2 Easton Oval, Ste. 500, Columbus, Ohio 43219, for an expenditure up to \$589,800.00, in accordance with the terms and conditions of the contract on file in the Office of the Division of Water.

**SECTION 2.** That the transfer of \$212,287.00 or so much thereof as may be needed, is hereby authorized between projects within Fund 6006, Water G.O. Bonds Fund, per the account codes in the attachment to this ordinance. (There is already \$377,513 in Fund 6006, Project No. 690487-100000, New Funding.)

**SECTION 3.** That the 2016 Capital Improvements Budget is hereby amended, in Fund 6006, Water G.O. Bonds Fund, as follows:

**Project ID | Project Name | Current Authority | Revised Authority | Change**

P690236-100094 (New) | Project No. 48 WL Imp's | \$250,000 | \$37,713 | -\$212,287

P690487-100000 (New) | PAWP Hypo Disinfection Imp's | \$377,513 | \$589,800 | +\$212,287

**SECTION 4.** That the expenditure of \$589,800.00 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 5.** 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 6.** 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 7.** That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

**SECTION 8.** 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 9.** That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.