



## Legislation Details (With Text)

**File #:** 2316-2018      **Version:** 1

**Type:** Ordinance      **Status:** Passed

**File created:** 8/15/2018      **In control:** Public Utilities Committee

**On agenda:** 9/24/2018      **Final action:** 9/27/2018

**Title:** To authorize the Director of Public Utilities to modify (Mod #2) an existing professional engineering services agreement with Hatch Chester (Ohio) Inc. for the Jackson Pike Waste Water Treatment Plant Facilities and Equipment Upgrade for Whittier Street Storm Tanks Project; to authorize the transfer within of \$271,819.00 and an expenditure of up to \$400,000.00 from the Sanitary Sewer General Obligation Bond Fund, and to amend the 2018 Capital Improvements Budget. (\$400,000.00)

### Sponsors:

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### Code sections:

**Attachments:** 1. Ord 2316-2018 17. Director's Legislation Info Sheet, 2. Ord 2316-2018 5. New Utilization Form MASTER (5-2-18), 3. Ord 2316-2018 DAX Financial Form 650258-100001

| Date      | Ver. | Action By             | Action                  | Result |
|-----------|------|-----------------------|-------------------------|--------|
| 9/27/2018 | 1    | CITY CLERK            | Attest                  |        |
| 9/26/2018 | 1    | MAYOR                 | Signed                  |        |
| 9/24/2018 | 1    | COUNCIL PRESIDENT     | Signed                  |        |
| 9/24/2018 | 1    | Columbus City Council | Approved                | Pass   |
| 9/17/2018 | 1    | Columbus City Council | Read for the First Time |        |

**1. BACKGROUND:** This legislation authorizes the Director of Public Utilities to modify (Mod #2) an existing professional engineering agreement with Hatch Chester (Ohio) Inc., for the Jackson Pike Waste Water Treatment Plant (JPWWTP) Facilities and Equipment Upgrade for the Whittier Street Storm Tanks (WSST) Project, CIP 650258 -100001. The original intent of this project was to create a design that would fully restore the Whittier Street Storm Tanks and control house. This facility was built in the 1930s and much of the electrical and mechanical equipment has failed, is failing, or is obsolete. The scope requirements for the construction work changed.

This modification will provide additional detailed design work, bid package development, and assistance with bidding and advertisement to reflect the new scope of work. There will be an additional planned renewals for services during construction.

At the conclusion of detailed design, a separate construction contract will be competitively bid and awarded.

#### 1.1. Amount of additional funds to be expended: \$400,000.00

|                           |                      |
|---------------------------|----------------------|
| Original Contract Amount: | \$ 425,856.00        |
| Modification #1           | \$1,079,585.00       |
| Modification #2 (Current) | <u>\$ 400,000.00</u> |
| TOTAL Cost (\$)           | \$1,905,441.00       |

|                                 |                       |
|---------------------------------|-----------------------|
| (Future -2019) Renewal #1       | <u>\$1,320,000.00</u> |
| Proposed Future Total Cost (\$) | \$3,225,441.00        |

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

This modification will allow for redesign of the 95% drawings. New information allows the City to reduce the scope of work for the construction Contractor. This modification will include redesign, preparation of the contract documents, and assistance for bidding of the construction contract. A future renewal for services during construction will be needed.

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

The current consultant has intricate knowledge about the facility and the 95% design. Editing the 95% design by the current Consultant will be more economical and efficient than a rebid of the project. A new consultant would need to perform significant duplication of efforts in order to become familiar with the work. Modification of the existing contract will also require less time to begin construction of the much needed facility improvements. It is in the City's best interest to maintain services with the current design professional to complete the design.

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

The cost proposal was provided by Hatch Chester (Ohio) Inc., reviewed by the Division of Sewerage, and Drainage and was deemed acceptable.

**2. PROJECT TIMELINE:** This modification will revise the detailed design scope of work, and will allow for redesign to begin in the 4<sup>th</sup> quarter 2018. Detailed design is expected to be complete by the third quarter 2019. A renewal for services during construction is planned in third quarter 2019 and the consultant contract will progress through the duration of construction. The construction project is expected to be completed by fourth quarter of 2021.

**3. DESIGNATION:** Emergency designation **is not** requested at this time.

**4. CONTRACT COMPLIANCE NO.:** 20-2401674 | MAJ | EXP: 05/04/2020 | Vendor # 001157

**5. ENVIRONMENTAL / ECONOMIC IMPACT:** This project will extend the life and functionality of the Whittier Street Control House, storm sewer control gates, and electrical system. The gates and actuators present at WSST facility are important to effective operations of the sewer system, OARS tunnel, and the wastewater treatment plants. The rehabilitation of the control house facility and equipment will ensure its continued reliable operation in control of the sewer system. Instrumentation and controls will be added to the sewer gates and weirs allowing for better control of the sewer system. This will help reduce the likelihood of CSOs (combined sewer overflows), SSOs (sanitary sewer overflows), and WIBs (water in basements).

Economic and environmental advantages are the potential to reduce OARS pumping during dry weather, and the optimization of sewer storage and treatment during wet weather by use of the actuated sewer gates. The project will help Columbus meet its PTI (permit to install) requirements, while protecting the water quality of the river.

Revising the original scope of work and removing unnecessary design elements will provide the department an approximate savings of \$7,000,000.00 in construction costs. There is additional unquantified savings in operation and maintenance costs for the abandoned settling tanks and equipment.

**6. FISCAL IMPACT:** This ordinance authorizes the transfer within of \$271,819.00 and the expenditure of up to \$400,000.00 in funds from the Sanitary Sewer System General Obligation Bond Fund, Fund 6109 and an amendment to the 2018 Capital Improvements Budget.

To authorize the Director of Public Utilities to modify (Mod #2) an existing professional engineering services agreement with Hatch Chester (Ohio) Inc. for the Jackson Pike Waste Water Treatment Plant Facilities and Equipment Upgrade for Whittier Street Storm Tanks Project; to authorize the transfer within of \$271,819.00 and an expenditure of up to \$400,000.00 from the Sanitary Sewer General Obligation Bond Fund, and to amend the 2018 Capital Improvements Budget. (\$400,000.00)

**WHEREAS**, the original contract number EL015188 was authorized by Ordinance No. 2491-2013, as passed by Columbus City Council on December 02, 2013, was executed on January 13, 2014, and was approved by the City Attorney on January 16, 2014 in the amount of \$425,856.00; and

**WHEREAS**, contract number EL016747 was authorized by Ordinance No. 0038-2015, as passed by Columbus City Council on February 2, 2015, was executed by the Director on March 25, 2015, and was approved by the City Attorney on March 30, 2015 and certified by the City Auditor on March 31, 2015 in the amount of \$1,079,585.00; and

**WHEREAS**, it is necessary to authorize the Director of Public Utilities to modify (Mod #2) the professional engineering services agreement with Hatch Chester for the Whittier Street Storm Tanks Facilities and Equipment Upgrade; and

**WHEREAS**, it is necessary to transfer within \$271,819.00 and the expenditure of up to \$400,000.00 from the Sanitary Sewer General Obligation Fund, Fund 6109; and

**WHEREAS**, it is necessary to amend the 2018 Capital Improvements Budget to provide sufficient authority for funding this project; and

**WHEREAS**, it has become necessary in the usual daily operations of the Department of Public Utilities, Division of Sewerage and Drainage, to authorize the Director to modify (Mod #2) an existing professional engineering services agreement with Hatch Chester (Ohio) Inc. for the JPWWTP Facilities and Equipment Upgrade for Whittier Street Storm Tanks Project, CIP 650258-100001 at the earliest practical date for the preservation of the public health, peace, property, 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 modify (Mod #2) an existing professional engineering services agreement with Hatch Chester (Ohio) Inc., 88 East Broad St, Suite 1980, Columbus, Ohio 43215, in connection with the JPWWTP Facilities and Equipment Upgrade for Whittier Street Storm Tanks Project, in accordance with the terms and conditions as shown in the agreement on file in the office of the Division of Sewerage and Drainage.

**SECTION 2.** That the City Auditor is hereby authorized and directed to transfer within a total of \$271,819.00 from within the Sanitary Sewer General Obligation Bond Fund 6109, per the account codes in the attachment to this ordinance.

**SECTION 3.** That the 2018 Capital Improvements Budget is hereby amended as follows:

**Fund No. | Project No. | Proj. Name | Current | Revised | (Change)**

6109 | 650870-115153 (carryover) | Blueprint Hilltop 4 - Highland / Harris | \$500,000 | \$228,181 | (-\$271,819)

6109 | 650258-100001 (carryover) | Facilities Equip Upgrade WSST | \$128,182 | \$400,001 | (+\$271,819)

**SECTION 4.** That the Director is hereby authorized to expend up to \$400,000.00 per the account codes in the attachment to this ordinance.

**SECTION 5.** That the said firm, Hatch Chester (Ohio) Inc., shall perform the work to the satisfaction of the Director of Public Utilities and the Administrator of the Division of Sewerage and Drainage.

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