



Legislation Details (With Text)

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Title: To authorize the Director of Public Utilities to modify (Mod #3) the professional engineering services agreement with Chester Engineers, Inc. for the Jackson Pike Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Project; to authorize the transfer of \$187.15 and the expenditure of up to \$200,187.80 in funds from the Sanitary Sewer General Obligation Bond Fund, and amend the 2016 Capital Improvements Budget. (\$200,187.80).

Sponsors:

Indexes:

Code sections:

Attachments: 1. Ord 2944-2016 SWIP Corrosion Prevention Protective Coating Mod #3 650259-100001, 2. Ord 2944-2016 Mod #3 - CIP 259.1 Directors Information 10-31-16, 3. Ord 2944-2016 DAX Financial Coding 650259-1

Date	Ver.	Action By	Action	Result
12/15/2016	1	CITY CLERK	Attest	
12/14/2016	1	MAYOR	Signed	
12/12/2016	1	COUNCIL PRESIDENT	Signed	
12/12/2016	1	Columbus City Council	Approved	Pass
12/5/2016	1	Columbus City Council	Read for the First Time	

1. BACKGROUND: This legislation authorizes the Director of Public Utilities to modify (Mod #3) the professional engineering services agreement with Chester Engineers, Inc. for the Jackson Pike Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Project, Project 650259-100001 for the Division of Sewerage and Drainage. It has been determined that the protective coatings on many structures, buildings and process items at the Jackson Pike Wastewater Treatment Plant are in need of rehabilitation. This project has prepared a study to determine the specific areas, structures, and process items in need of rehabilitation, and determine the steps necessary to inhibit deterioration in the future. The Scope of Work for this project, at the City's discretion, consists of the following elements:

- A. Conduct a detailed survey of the condition of the coatings and determine the required remedies for:
 1. Buildings, both interior and exterior, and structures.
 2. Process and general equipment, including control panels.
 3. Piping systems, including gate and valve operators.
 4. Conduit systems.
- B. Prepare a report with determinations on the survey results and recommendations.
- C. Prepare a General Corrosion Prevention and Protective Coating Specification.
- D. Prepare electronic bid documents for Corrosion Prevention and Protective Coating applications to the locations selected by the City. Three construction contracts are planned for the work.
- E. Provide services during construction.

The detailed survey, Condition Assessment Report, and the specification have been completed. The project

contracting plan determined. The actual emplacement of the work will be by construction contract. The first of three Corrosion Prevention and Protective Coating construction contracts, Contract J218, has been completed. The second of three Corrosion Prevention and Protective Coating construction contracts, Contract J219, is in contract closeout. The third of three Corrosion Prevention and Protective Coating construction contracts, Contract J222, has been bid.

This contract modification is required for construction-services for the Corrosion Prevention and Protective Coating Phase 3 contract. Construction Management services are being performed by others.

1.1 Amount of additional funds to be expended: \$200,187.80

Original Contract	\$ 500,000.00
Modification No. 1	\$ 428,316.28
Modification No. 2	\$ 397,747.35
Modification No. 3 (Current)	\$ 200,187.80
CURRENT TOTAL	\$1,526,251.43

1.2 Reasons additional goods/services could not be foreseen:

This Contract Modification No. 3 was planned and anticipated, and so stated in the original contract’s legislation.

1.3 Reason other procurement processes are not used:

Due to the highly complex and technical nature of this wastewater treatment plant infrastructure project, it is not reasonable or cost efficient to undertake a new procurement effort to acquire these services.

1.4 How cost of modification was determined:

A cost proposal was provided by Chester Engineers, Inc. and reviewed by the Division of Sewerage and Drainage and was deemed acceptable. The cost of this contract modification is consistent with the direct labor, overhead, and profit rates established within the original proposal.

This company is not debarred according to the Federal Excluded Parties Listing or the State Auditor's Findings for Recovery Database.

- 2. PROJECT TIMELINE:** The Contract notice to proceed was issued on May 16, 2011. A detailed survey was conducted and a Condition Assessment Report was presented to the City on May 18, 2012. Construction contract bid documents were prepared for Phase 1- Contract J218, and bids were opened on June 5, 2013. Construction contract bid documents were prepared for Phase 2 - Contract J219, and bids were opened on May 27, 2015. Construction contract bid documents were prepared for Phase 3- Contract J222, and bids were opened on October 19, 2016. The construction work will be placed under contract as soon as possible, and the construction services will commence. The construction contract’s final completion is expected 365 days from the date that a Notice To Proceed (NTP) is given by the City.
- 3. Contract Compliance No.:** 20-2401674 | MBE | Exp. 06/30/2017 | Vendor #: 001157
- 4. Emergency Designation:** Emergency designation is not requested.
- 5. ECONOMIC IMPACT:** This project will provide protective coatings on many structures, buildings and process items at the wastewater treatment plant that are in need of rehabilitation and it will inhibit their deterioration in the future. Providing protective coatings on existing structures, buildings and process items conserves materials that would otherwise require replacement. These coatings will inhibit their deterioration and extend their useful life. Removal and replacement of the deteriorated and failed facilities would be a positive impact to the budget.

Many of these items are an integral part of the wastewater treatment process at the wastewater treatment plants. Without this required work, the plant processes would lose capacity due to corrosion making equipment inoperable and could result in an NPDES Permit violation.

No community outreach or environmental factors are considered for this project.

6. **FISCAL IMPACT:** This legislation authorizes the transfer within of \$187.15 and the expenditure of up to \$200,187.80 in funds from the Sanitary Sewer General Obligation (G.O.) Bond Fund, Fund 6109, and amends the 2016 Capital Improvements Budget.

To authorize the Director of Public Utilities to modify (Mod #3) the professional engineering services agreement with Chester Engineers, Inc. for the Jackson Pike Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Project; to authorize the transfer of \$187.15 and the expenditure of up to \$200,187.80 in funds from the Sanitary Sewer General Obligation Bond Fund, and amend the 2016 Capital Improvements Budget. (\$200,187.80).

WHEREAS, it is necessary to authorize the Director of Public Utilities to enter into a planned contract modification for professional engineering services with Chester Engineers, Inc. for the Jackson Pike Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Project, Project 650259-100001; and

WHEREAS, Contract No. EL011602 was authorized by Ordinance No. 0042-2011, passed by the Columbus City Council on February 14, 2011; executed by the Director on April 29, 2011; approved by the City Attorney on May 11, 2011 in the amount of \$500,000.00; and

WHEREAS, Contract No. EL014964 was authorized by Ordinance No. 2021-2013, passed by the Columbus City Council on September 30, 2013; executed by the Director on November 01, 2013; approved by the City Attorney on September 11, 2013 in the amount of \$428,316.28; and

WHEREAS, Contract No. EL017391 was authorized by Ordinance No. 1701-2015, passed by the Columbus City Council on May 18, 2017; executed by the Director on August 14, 2015; approved by the City Attorney on August 18, 2015 in the amount of \$397,747.35; and

WHEREAS, it is necessary for City Council to authorize the transfer within of \$187.15 and the expenditure of up to \$200,187.80 from the Sanitary Sewer System GO Bond Fund, Fund 6109; and

WHEREAS, it is necessary to amend the 2016 Capital Improvements Budget for purposes of creating and providing sufficient budget authority for the aforementioned expenditures; and

WHEREAS, it has become necessary in the usual daily operation of the Division of Sewerage and Drainage, Department of Public Utilities, to authorize the Director to modify (Mod #3) the professional engineering services agreement with Chester Engineers, Inc. in connection with the Jackson Pike Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems project, at the earliest practicable date; **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 #3) the professional engineering services agreement with Chester Engineers, Inc., 88 East Broad Street, Suite 1980, Columbus, Ohio 43215, in connection with the Jackson Pike Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems 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 up to \$187.15 from the Sanitary Sewer General Obligation Bond Fund | Fund No. 6109 | Division 60-05 | per the account codes in the attachment to this ordinance.

SECTION 3. That the 2016 Capital Improvements Budget is hereby amended, in Fund 6109, Sanitary Sewer G.O. Bonds

Fund as follows:

Fund | Project ID | Project Name | Current Authority | Change

6109 | P650009-100002 | Real Time Control - Sewer Sys Optimization | \$9,835 | \$9,648 | (-\$188)

6109 | P650259-100001 | JPWWTP Corr. Prev. Prot. Coating Sys | \$200,001 | \$200,189 | (+\$188)

SECTION 4. That the Director is hereby authorized to expend up to \$200,187.80 in the following manner: Sanitary Sewer G.O. Bond Fund | Fund 6109 | Div. 60-05. (See the attached DAX financial transaction spreadsheet)

SECTION 5. That the said firm Chester Engineers, 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 of 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.