



Legislation Details (With Text)

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On agenda: 11/3/2014 **Final action:** 11/5/2014

Title: To authorize the Director of Public Utilities to modify the professional engineering services agreement with Chester Engineers, Inc. for the Southerly Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Consultant agreement; the transfer within of \$66,935.84 and the expenditure of up to \$227,134.38 from the Sanitary Sewer General Obligation Bond Fund; and amend the 2104 Capital Improvements Budget. (\$227,134.38)

Sponsors:

Indexes:

Code sections:

Attachments: 1. Ord 2081-2014 Chester Mod #3 LEGISLATIONB 090414, 2. Ord 2081-2014 Sub-Contractor Work Identification Form S Mod 3

Date	Ver.	Action By	Action	Result
11/5/2014	1	CITY CLERK	Attest	
11/4/2014	1	MAYOR	Signed	
11/3/2014	1	COUNCIL PRESIDENT	Signed	
11/3/2014	1	Columbus City Council	Approved	Pass
10/20/2014	1	Columbus City Council	Read for the First Time	

BACKGROUND: This legislation authorizes the Director of Public Utilities to modify (Mod #3) the professional engineering services agreement with Chester Engineers, Inc. for the Southerly Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Consultant agreement, Capital Improvements Project number 650350-100002. It has been determined that the protective coatings on many structures, buildings and process items are in need of rehabilitation. This project implemented a study to do the following: (1) determine the specific areas, structures and process items in need of attention, (2) determine the procedures necessary for the rehabilitation, and (3) 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 and structures: both interior and exterior
 2. Equipment: both process and general
 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 this work.

The detailed survey, Condition Assessment Report, and the specification have been completed and the project contracting plan determined. The actual emplacement of the work will be by phased construction contract. The first and second of three Corrosion Prevention and Protective Coating construction contracts, Contracts S80 and S82 have

been completed. The third of the three construction contracts, Contract S83, has been bid.

A contract modification is required for construction-phase engineering, for the 2014 Corrosion Prevention and Protective Coating Phase 3 contract, S83. Construction Management services are being performed by others.

1.1. Amount of additional funds to be expended: \$227,134.38

Original Contract	\$499,041.67
Modification No. 1	\$471,588.66
Modification No. 2	\$441,901.46
<u>Modification No. 3 (Current)</u>	<u>\$227,134.38</u>
CURRENT PROPOSED TOTAL	\$1,639,666.17

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

The potential need for contract modifications was identified with the original contract legislation documents.

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. The lengthy process for initiating a new procurement, and for a new entity to gain understanding of the project, would likely cause an unacceptable project delay and additional cost.

1.4. How cost of modification was determined:

A cost proposal was provided by Chester Engineers (Ohio), 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.

PROJECT TIMELINE: The Design Professional (DP) began work after the notice to proceed was issued on February 11, 2010. A detailed survey was conducted and a Condition Assessment Report was presented to the City on September 24, 2010. Construction contract bid documents were prepared for Phase 1 (Contract S80) and bids were opened on February 9, 2011. The construction work is complete. Construction contract bid documents were prepared for Phase 2 (Contract S82) and bids were opened on December 5, 2012. The construction work is complete.

The bidding documents for the third phase, Contract S83, have been completed and bids have been received. The construction work will be placed under contract as soon as possible, and the construction services will commence.

Chester Engineers' services will continue beyond completion of construction to provide "as-built" record drawings of the constructed facilities.

EMERGENCY DESIGNATION: Emergency legislation is not being requested at this time.

CONTRACT COMPLIANCE NO: 20-2401674 | MBE | 05/01/2015

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 major 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.

FISCAL IMPACT: This legislation authorizes the transfer within of \$66,935.84 and the expenditure of up to \$227,134.38 from the Sanitary Sewer General Obligation Bond Fund, Fund 664, for the SWWTP Corrosion Prevention and Protective Coating Systems Consultant agreement, and amends the 2014 Capital Improvements Budget.

To authorize the Director of Public Utilities to modify the professional engineering services agreement with Chester Engineers, Inc. for the Southerly Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Consultant agreement; the transfer within of \$66,935.84 and the expenditure of up to \$227,134.38 from the Sanitary Sewer General Obligation Bond Fund; and amend the 2104 Capital Improvements Budget. (\$227,134.38)

WHEREAS, Contract No. EL010006 was authorized by Ordinance No. 1513-2009, as passed by Columbus City Council on December 14, 2009 for purposes of authorizing the Director of Public Utilities to enter into a contract for professional services with Chester Engineers (Ohio), Inc., for the Southerly Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Consultant project; and

WHEREAS, Contract EL011909, Modification #1 was authorized by Ordinance 0549-2011, as passed by Columbus City Council on May 9, 2011 was executed July 13, 2011 and approved by the City Attorney on July 21, 2011; and

WHEREAS, Contract EL014156, Modification #2 was authorized by Ordinance 0086-2013, which passed February 4, 2013; executed April 15, 2013; approved by the City Attorney April 17, 2013, and certified by the Auditor April 18, 2013; and

WHEREAS, it is necessary to authorize the transfer within of \$66,935.84 and the expenditure of up to \$227,134.38 from the Sanitary Sewer General Obligation Bond Fund, Fund 664 for purposes of providing authority and sufficient funding for the aforementioned project expenditure; and

WHEREAS, it has become necessary for the Department of Public Utilities to modify a professional services agreement with Chester Engineers (Ohio), Inc. for the Southerly Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Consultant project, at the earliest practical date for the preservation of the public health, welfare, peace, property, safety, and; **Now, Therefore,**

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

SECTION 1. That the Director of Public Utilities be, and hereby is, authorized to modify (Mod #3) the professional engineering services agreement with Chester Engineers, Inc. of 88 East Broad, Suite 1980, Columbus, Ohio 43215 for the Southerly Wastewater Treatment Plant Corrosion Prevention and Protective Coating Systems Consultant agreement in accordance with the terms and conditions as shown in the contract modification on file in the office of the Division of Sewerage and Drainage.

SECTION 2. That the City Auditor is hereby authorized to transfer within of \$66,935.84 from the Department of Public Utilities, Division of Sewerage and Drainage, Dept./Div. No. 60-05, Sewerage and Drainage Sanitary Sewer General Obligation Bond Fund, Fund 664, Object Level Three 6676, as follows:

FROM:

Project No. | Project Name | OCA Code | Change

650033-100000 | Big Walnut Sewer Trunk, Central College Rd | 650033 | -\$66,935.84

TO:

Project No. | Project Name | OCA Code | Change

650350-100002 | SWWTP Corrosion Prevention Protective Coating Sys Consult. | 653502 | +\$66,935.84

SECTION 3: That the Director is hereby authorized to expend up to \$227,134.38 in the following: Sanitary Sewer G.O. Bond Fund | Fund 664 | 653502 | Obj. Lvl Three: 6676

Project No. | Project Name | OCA Code | Amount (\$)

650350-100002 | SWWTP Corrosion Prevention Protective Coating Sys Consult. | 653502 | +\$227,134.38

SECTION 4. That the 2014 Capital Improvements Budget is hereby amended as follows:

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

650033-100000 | Big Walnut Sewer Trunk, Central College Rd | \$581,449 | \$514,513 | (-\$66,936)

650350-100002 | SWWTP Corr. Prev. Protective Coating Sys Consult. | \$160,199 | \$227,135 | (+\$66,936)

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 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 are no longer required for said project; except that no transfer shall be made from a project 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.