



Legislation Details (With Text)

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On agenda: 1/28/2019 **Final action:** 1/31/2019

Title: 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 Treatment Upgrade Project in an amount up to \$522,500.00; and to authorize an expenditure up to \$522,500.00 from the Water General Obligations Bond Fund, for the Division of Water. (\$522,500.00)

Sponsors:

Indexes:

Code sections:

Attachments: 1. ORD 0005-2019 Information, 2. ORD 0005-2019 SWIF, 3. ORD 0005-2019 map, 4. ORD 0005-2019 Funding

Date	Ver.	Action By	Action	Result
1/31/2019	1	CITY CLERK	Attest	
1/30/2019	1	MAYOR	Signed	
1/28/2019	1	COUNCIL PRESIDENT	Signed	
1/28/2019	1	Columbus City Council	Approved	Pass
1/14/2019	1	Columbus City Council	Read for the First Time	

1.0 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 #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 #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 #3 (EL017066, Ord. #0279-2015) provided Engineering Services during Construction, including 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

Modification #4 (1778-2016, PO028232, \$2,000,000) continued funding for Engineering Services During Construction, including 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.

Modification #5 (current) will fund Engineering Services During Construction for the remainder of the construction phase.

1.1 Amount of additional funds to be expended: \$522,500.00

Original contract amount:	\$ 1,740,400.00	(EL007318)
Modification #1:	\$ 275,000.00	(EL012078)
Modification #2:	\$ 5,950,000.00	(EL013280)
Modification #3:	\$ 1,250,000.00	(EL017066)
Modification #4:	\$ 2,000,000.00	(PO028232)
Modification #5 (current):	\$ 522,500.00	
Current new contract amount	\$11,737,900.00	

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), the first contract modification (Ord #1030-2011), the second contract modification (Ord #1187-2012), the third contract modification (Ord #0279-2015), and the fourth contract modification (Ord #1778-2016).

Modification #5 (current) will fund Engineering Services During Construction for the remainder of the construction phase.

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.

2.0 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 were not anticipated for this project as all proposed work is within the boundaries of the water treatment facility. Regulatory agencies were notified of the proposed work as appropriate.

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

3.0 CONTRACT COMPLIANCE INFO: 32-0100027, expires 10/15/20, Majority, DAX VN# 6247.

Searches in the Excluded Party List System (Federal) and the Findings for Recovery list (State) produced no findings against CH2M Hill Engineers, Inc.

4.0 FISCAL IMPACT: There are sufficient funds within the Water G.O. Bonds fund for this expenditure.

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 Treatment Upgrade Project in an amount up to \$522,500.00; and to authorize an expenditure up to \$522,500.00 from the Water General Obligations Bond Fund, for the Division of Water. (\$522,500.00)

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 #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 #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, Contract Modification #3 EL01766 was authorized by Ordinance No. 0279-2015 passed March 2, 2015, was executed on May 13, 2015, and was approved by the City Attorney on May 22, 2015;

WHEREAS, Contract Modification #4 PO028232 was authorized by Ordinance No. 1778-2016 passed July 25, 2016, was executed on September 28, 2016, and was approved by the City Attorney on September 29, 2016; and

WHEREAS, Contract Modification #5 (current) will fund Engineering Services During Construction for the remainder of the construction phase; and

WHEREAS, it is necessary to authorize the Director of Public Utilities to modify and professional engineering services agreement with CH2M Hill Engineers, Inc., for the Parsons Avenue Water Plant Treatment Upgrade Project; and

WHEREAS, it is necessary to authorize an expenditure of funds within the Water G.O. Bond Fund, for the Division of Water; 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. (FID #32-0100027) for the Parsons Avenue Water Plant (PAWP) Treatment Upgrade Project, for the Division of Water, in the amount of \$522,500.00.

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

SECTION 3. That the expenditure of \$522,500.00, 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 4. 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 5. 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 6. That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

SECTION 7. 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 8. That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.