



Legislation Details (With Text)

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On agenda: 6/10/2019 **Final action:** 6/14/2019

Title: To authorize the Director of Public Utilities to modify the professional engineering services agreement with Hazen and Sawyer for the Jackson Pike Wastewater Treatment Plant Biosolids Land Application Improvements Project (Mod #4); to authorize the transfer within of \$319,453 and the expenditure of up to \$1,543,453.00 from the Sanitary Sewer General Obligation (G.O.) Bond Fund; and to amend the 2019 Capital Improvements Budget. (\$1,543,453.00)

Sponsors:

Indexes:

Code sections:

Attachments: 1. Ord 1370-2019 Director's Information Legislation Sheet (5-6-19) HS Mod. No.pdf, 2. Ord 1370-2019 SWIF JP Biosolids Land App Mod #4, 3. Ord 1370-2019 DAX Financial JP Biosolids Land App Mod #4

Date	Ver.	Action By	Action	Result
6/14/2019	1	CITY CLERK	Attest	
6/12/2019	1	ACTING MAYOR	Signed	
6/10/2019	1	COUNCIL PRESIDENT	Signed	
6/10/2019	1	Columbus City Council	Approved	Pass
6/3/2019	1	Columbus City Council	Read for the First Time	

1. This legislation authorizes the Director of Public Utilities to modify (Mod #4) an existing engineering services agreement with Hazen and Sawyer for the Design Professional (DP) Services for the JPWWTP Biosolids Land Application Improvements project, CIP 650243-100002. Hazen and Sawyer will provide Preliminary Design Services (Step 1), Detailed Design and Bidding Services (Step 2), and Services During Construction (Step 3) services for this project. The work for this project generally includes a new or modified liquid (10%TS) land application load-out facility and the assessment of the solids train to identify potential improvements, additional equipment requirements, and upgrades to meet the City's solids processing needs, e.g. the existing 14 biosolids tanks, pumping-mixing-piping systems, and other solids related ancillary equipment.

This modification (No. 4) will provide funding for Engineering Services During Construction (Step 3). Engineering Services During Construction will include Technical Project Representation (TPR) duties, construction phase engineering, start-up and commissioning assistance, training, SCADA Configuration Services, Standard Operating Procedures (SOP), and record documentation.

Professional Construction Management Services will be performed by others.

Modification Information:

1.1 Amount of additional funds to be expended: \$1,543,453.00

Original Contract	\$ 298,247.00
Modification No. 1	\$1,046,500.00
Modification No. 2	\$ 168,310.00

Modification No. 3	\$ 178,700.00
<u>Modification No. 4 (Current)</u>	<u>\$1,543,453.00</u>
CURRENT PROPOSED TOTAL	\$3,235,210.00

1.2 Reasons additional goods/services could not be foreseen.

This modification was anticipated

1.3 Reason other procurement processes are not used:

The funding provided by this contract modification is for the continuation of the existing work of the contract. Due to the highly complex and technical nature of this wastewater treatment plant infrastructure, it is not reasonable or cost effective to undertake a new procurement to acquire these services. The lengthy process for initiating a new procurement and for a new entity to gain understanding of the project would cause an unacceptable project delay and additional cost.

1.4 How cost of modification was determined:

A cost proposal was provided by Hazen & Sawyer and reviewed by the Division of Sewerage and Drainage and was deemed acceptable.

2. PROJECT TIMELINE: The Professional Engineering Services agreement was signed on October 17, 2013. It provided Step 1, Preliminary Design Services. The completion of Preliminary Design occurred in February 2015. Modification No. 1 provided funding for Step 2, Detailed Design and it commenced after the PDR (Preliminary Design Report) was approved. Detailed Design continued until plans and specs were finalized at the end of 2018, then Bidding Services commenced. Bids were received on February 13, 2019 and it is anticipated that the Notice to Proceed of the construction contract will occur in the summer of 2019. The anticipated end of the construction contract is fall, 2021. The Professional Engineering Services contract will continue beyond completion of construction to provide “as-built” record drawings of the constructed facilities.

3. EMERGENCY DESIGNATION: An emergency designation **is not requested** at this time.

4. CONTRACT COMPLIANCE No.: 13-2904652 | MAJ | EXP: 03/2/2020 | Vendor #: 000630

5. ENVIRONMENTAL IMPACT: This project facilitates an increase in and expansion of the beneficial re-use of biosolids at JPWWTP by providing the necessary infrastructure to facilitate the beneficial agricultural use of the plant’s biosolids by land application. This project provides a beneficial environmental advantage that is specifically called for by the City of Columbus’ Green Action Plan. Also, land application is currently the lowest cost method for biosolids utilization; so, expansion of this beneficial use presents an economic advantage.

Public informational meetings are not anticipated for this project, because all proposed work should be within the boundaries of the wastewater treatment plant. Regulatory agencies will be notified of the proposed work as appropriate.

6. FISCAL IMPACT: This ordinance authorizes the transfer within of \$319,453 and the expenditure of up to \$1,543,453.00 from the Sanitary Sewer General Obligation (G.O.) Bond Fund 6109; and an amendment to the 2019 Capital Improvements Budget.

To authorize the Director of Public Utilities to modify the professional engineering services agreement with Hazen and Sawyer for the Jackson Pike Wastewater Treatment Plant Biosolids Land Application Improvements Project (Mod #4); to authorize the transfer within of \$319,453 and the expenditure of up to \$1,543,453.00 from the Sanitary Sewer General Obligation (G.O.) Bond Fund; and to amend the 2019 Capital Improvements Budget. (\$1,543,453.00)

WHEREAS, it is necessary to authorize a modification (Mod #4) for the professional engineering services agreement with Hazen and Sawyer for the Division of Sewerage and Drainage for the Jackson Pike Wastewater Treatment Plant

Biosolids Land Application Improvements Project; and

WHEREAS, Contract No. EL014712 was authorized by Ordinance No. 1033-2013, passed by the Columbus City Council on July 15, 2013, executed by the Director of Public Utilities October 22, 2013, approved by the City Attorney on October 28, 2013, and certified by the City Auditor on October 29, 2013; and

WHEREAS, Contract No. EL016205 was authorized by Ordinance No. 1379-2014, passed by the Columbus City Council on July 21, 2014, executed by the Director of Public Utilities September 10, 2014, approved by the City Attorney on September 15, 2014, and certified by the City Auditor on September 15, 2014; and

WHEREAS, Contract No. PO001168 was authorized by Ordinance No. 2895-2015, passed by the Columbus City Council on December 13, 2015, executed by the Director of Public Utilities on February 11, 2016, approved by the City Attorney on February 17, 2016, and certified by the City Auditor on February 17, 2016; and

WHEREAS, Contract No. PO019647 was authorized by Ordinance No. 1163-2016, passed by the Columbus City Council on June 6, 2016, executed by the Director of Public Utilities on July 28, 2016, approved by the City Attorney on August 1, 2016, and certified by the City Auditor on August 3, 2016; and

WHEREAS, it is necessary to authorize the transfer within of \$319,453 in the Sanitary Sewer General Obligation (G.O.) Bond Fund 6109; and

WHEREAS, it is necessary to authorize the expenditure of up to \$1,543,453.00 from the Sanitary Sewer General Obligation (G.O.) Bond Fund 6109; and

WHEREAS, it is necessary to authorize an amendment to the 2019 Capital Improvements Budget to provide sufficient budget authority to match the expenditure; 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 of Public Utilities to modify the professional engineering services agreement with Hazen and Sawyer for the JPWWTP Biosolids Land Application Improvements Project (Mod #4) at the earliest practical 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 the professional engineering services agreement with Hazen and Sawyer, 150 E. Campus View Boulevard, Suite 133, Columbus, Ohio 43235, in connection with the JPWWTP Biosolids Land Application Improvements Project (Mod #4), 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 to transfer \$319,453.00 within the Sanitary Sewer General Obligation Bond Fund 6109, per the account codes in the attachment to this ordinance.

SECTION 3. That the 2019 Capital Improvements Budget is hereby amended as follows:

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

6109 | 650600-100006 | Franklin Main Interceptor Rehab, Sec. 6 | \$425,785 | \$106,332 | (-\$319,453)

6109 | 650243-100002 | JPWWTP Biosolids Land Application | \$1,224,000 | \$1,543,453 | (+\$319,453)

SECTION 4. That the Director of Public Utilities be and hereby is authorized to expend up to \$1,543,453.00 from the Sanitary Sewer General Obligation Bond Fund, Fund 6109 per the account codes in the attachment to this ordinance.

SECTION 5. That the said firm, Hazen and Sawyer, 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 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 8. That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

SECTION 9. 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 10. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.