



Legislation Details (With Text)

File #: 1743-2019 **Version:** 1

Type: Ordinance **Status:** Passed

File created: 6/18/2019 **In control:** Public Utilities Committee

On agenda: 7/22/2019 **Final action:** 7/25/2019

Title: To authorize the Director of Public Utilities to modify an existing engineering agreement with Brown and Caldwell for the SWWTP Digestion Process Expansion project; to authorize an expenditure of up to \$397,198.00 from the Sanitary Sewers General Obligation (G.O.) Bond Fund. (\$397,198.00)

Sponsors:

Indexes:

Code sections:

Attachments: 1. Ord 1743-2019 Director's Legislation Information Sheet (1-23-2019), 2. Ord 1743-2019 Schedule 2A-1 - Subcontractor Utilization Form, 3. Ord 1743-2019 Dax Financial Form SWWTP Digester Expansion

Date	Ver.	Action By	Action	Result
7/25/2019	1	CITY CLERK	Attest	
7/24/2019	1	MAYOR	Signed	
7/22/2019	1	COUNCIL PRESIDENT	Signed	
7/22/2019	1	Columbus City Council	Approved	Pass
7/15/2019	1	Columbus City Council	Read for the First Time	

- 1. BACKGROUND:** This legislation authorizes the Director of Public Utilities to modify (Mod #1) an existing engineering agreement with Brown and Caldwell for Professional Engineering Services (Design Professional, or “DP” services) for the SWWTP Digestion Process Expansion project, CIP 650353-100003. This contract will provide Preliminary Design Services (Step 1), Detailed Design and Bidding Services (Step 2), and Services During Construction (Step 3) for this project. The initial phase of this contract provided Professional Engineering Services for Preliminary Design (Step 1) and Professional Engineering Services for Detailed Design and Bidding Services (Step 2).

This modification is for a redesign of the original SWWTP Digester Process Expansion and will keep the design for the Digester 6 cover, Digester 7, electrical building, digester boiler system rehabilitation, and rehabilitation of Digester 1-5. The design will be modified to keep the Acid Phase Digesters (APD), modify the surface withdraw piping, replace all steam injectors, and provide a new foam separator and sediment trap for Digester 07.

A future renewal will be requested for Step 3, Engineering Services During Construction, which will include technical project representation (TPR) duties, construction-phase engineering, start-up and commissioning assistance, and record documentation. Construction Management Services will be performed by others.

Planning Area: 99 - City wide

1.1 Amount of additional funds to be expended: \$397,198.00	
Original Contract	\$ 2,461,829.00
Modification 1 (current)	\$ 397,198.00
Total	\$ 2,859,027.00

1.2 Reasons additional goods/services could not be foreseen:

This is a unplanned modification.

1.3 Reasons other procurement processes are not used:

This work cannot be bid out because the DP had a completed and biddable design at the time that this project was placed on hold. Most of the major modifications to the design are removing those items that were associated with the APDs. A new RFP process would require a new, full redesign and cost much more money.

1.4 How cost of modification was determined:

The cost of the modification was determined through negotiation with the design team including the scope and cost.

2. THE PROJECT TIMELINE: This modification is anticipated to be executed in September of 2019 with a completion date of 180 days after notice to proceed is given

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

4. CONTRACT COMPLIANCE No.: 94-1446346 | MAJ | Exp. 8/15/19 | Vendor #: 010815

5. ENVIRONMENTAL IMPACT: SWWTP Digestion Process Expansion project will increase the beneficial re-use of biosolids in the liquid land application and deep row hybrid popular (DRHP) programs by providing more anaerobically-digested Class B biosolids. The primary goal of this project is to provide sufficient expanded anaerobic digestion facilities and all necessary associated piping and pumping capacity to successfully accommodate the additional solids produced by the Chemically Enhanced Primary Treatment (CEPT) process and the additional solids loadings to the SWWTP resulting from the anticipated growth of the City of Columbus.

6. FISCAL IMPACT: This ordinance authorizes an expenditure of up to \$397,198.00 from the Sanitary Sewers G.O. Bond Fund 6109.

To authorize the Director of Public Utilities to modify an existing engineering agreement with Brown and Caldwell for the SWWTP Digestion Process Expansion project; to authorize an expenditure of up to \$397,198.00 from the Sanitary Sewers General Obligation (G.O.) Bond Fund. (\$397,198.00)

WHEREAS, the original contract number PO013284 was authorized by Ordinance No. Ord 0846-2016 passed by the Columbus City Council on May 9, 2016, executed by the Director of Public Utilities June 14, 2016, approved by the City Attorney on June 15, 2016, and certified by the City Auditor on June 20, 2016; and

WHEREAS, this modification is for a redesign of the original SWWTP Digester Process Expansion; and

WHEREAS, a future renewal is anticipated; and.

WHEREAS, it is necessary to authorize an expenditure of up to \$397,198.00 from the Sanitary Sewer General Obligation (G.O.) Bond Fund 6109; and

WHEREAS, it has become necessary in the usual daily operation of the Department of Public Utilities, Division of Sewerage and Drainage, to authorize the Director to modify (Mod #1) an existing engineering agreement with Brown and Caldwell for the SWWTP Digestion Process Expansion project, for the preservation of the public health, peace, property and 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 #1) an existing engineering agreement with Brown and Caldwell 4700 Lakehurst Court, Columbus, Ohio 43016, for the SWWTP Digestion Process Expansion 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 a total expenditure of up to \$397,198.00 or so much thereof as may be needed, is hereby authorized per the accounting codes in the attachment to this ordinance.

SECTION 3. That the said engineering company, Brown and Caldwell, shall perform the work to the satisfaction of the Director of Public Utilities and the Administrator of the Division of Sewerage and Drainage.

SECTION 4. 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 5. That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

SECTION 6. 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 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 this ordinance shall take effect and be in force from and after the earliest period allowed by law.