



## Legislation Details (With Text)

**File #:** 3234-2017      **Version:** 1

**Type:** Ordinance      **Status:** Passed

**File created:** 11/27/2017      **In control:** Public Utilities Committee

**On agenda:** 12/11/2017      **Final action:** 12/14/2017

**Title:** To authorize the Director of Public Utilities to enter into a planned modification of the professional engineering services agreement with CDM Smith, Inc. for the Dublin Road Water Plant (DRWP) UV Disinfection Project for the Division of Water; to authorize a transfer and expenditure up to \$3,396,500.00 from the Water General Obligations Bond Fund; and to authorize an amendment to the 2017 Capital Improvements Budget. (\$3,396,500.00)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. ORD 3234-2017 Information, 2. ORD 3234-2017 SWIF, 3. ORD 3234-2017 map, 4. ORD 3234-2017 Funding

Date	Ver.	Action By	Action	Result
12/14/2017	1	CITY CLERK	Attest	
12/13/2017	1	MAYOR	Signed	
12/11/2017	1	COUNCIL PRESIDENT	Signed	
12/11/2017	1	Columbus City Council	Waive the 2nd Reading	Pass
12/11/2017	1	Columbus City Council	Read for the First Time	
12/11/2017	1	Columbus City Council	Approved	Pass

**1. BACKGROUND:** This Ordinance authorizes the Director of Public Utilities to modify and increase the professional engineering services agreement with CDM Smith, Inc. for the Dublin Road Water Plant (DRWP) UV Disinfection Project, Capital Improvements Project No. 690535, Division of Water Contract No. 2024.

This project will provide UV disinfection at the DRWP which will allow it to operate with a multi-barrier disinfection process (both chemical and physical disinfection).

The original contract provided funds for Preliminary Design Services (Phase I).

Contract Modification No. 1 established funding for Detailed Design (Phase II) and Bidding (Phase III) Services.

This Contract Modification (No. 2) will establish funding for Phase IV - Engineering Services During Construction (SDC). SDC will include technical project representation (TPR) duties, construction phase engineering, start-up and commissioning assistance, training, and record documentation.

**1.1 Amount of additional funds to be expended: \$3,396,500.00**

Original Contract Amount:	\$ 890,276.46	(EL016477)
Modification No. 1:	\$1,791,000.00	(PO000180)
Modification No. 2 (current):	<u>\$3,396,500.00</u>	
Total (Orig. + Mods. 1-2)	\$6,077,776.46	

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

This is the second modification to the contract and was fully anticipated and explained in the original legislation under Ordinance No. 2094-2014 as well as under Modification No. 1 under Ordinance No. 2772-2015. However, where the original legislation anticipated funding this work through a single contract modification (Mod No. 2), DPU now plans to split the funding across two contract modifications (Mod No. 2 and a future Mod No. 3).

This modification (No. 2) shall provide for SDC through October 2019 and Modification No. 3 shall fulfill the SDC obligations through final completion.

**1.3. Reason other procurement processes are not used:**

The current consultant is familiar with the project and has completed all the work to date on the current design path. Bidding the work to another consultant will delay the project and will result in higher costs due to bringing the new consultant up to speed on the project and put the City at high risk of not meeting anticipated future water quality regulation deadlines.

**1.4. How cost of modification was determined:**

The Consultant prepared an estimate based on the scope of work for the remainder of services during construction. City Project Manager and associated staff reviewed and approved these cost summaries.

**2. ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT; ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT:** This project will install UV Disinfection technology at the DRWP. UV disinfection provides a multi-barrier treatment operation by inactivating chlorine resistant microorganisms and other harmful pathogens, thereby improving public health protection. Providing a safe and reliable water supply is essential to human health and economic growth and development. There were no public meetings held regarding this work. The DRWP is a secure facility and is not a publically accessible building. LEED certification is not applicable for this project. Sustainable principles are employed where applicable.

**3. CONTRACT COMPLIANCE INFO:** 04-2473650, expires 11/15/18, Majority, DAX #000180.

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

**4. FUTURE CONTRACT MODIFICATION:** A future modification (still Phase IV) is anticipated 3rd quarter 2019 to fulfill SDC obligations through final completion.

**5. FISCAL IMPACT:** A transfer of funds within the Water G.O. Bonds Fund will be necessary as well as an amendment to the 2017 Capital Improvements Budget.

To authorize the Director of Public Utilities to enter into a planned modification of the professional engineering services agreement with CDM Smith, Inc. for the Dublin Road Water Plant (DRWP) UV Disinfection Project for the Division of Water; to authorize a transfer and expenditure up to \$3,396,500.00 from the Water General Obligations Bond Fund; and to authorize an amendment to the 2017 Capital Improvements Budget. (\$3,396,500.00)

**WHEREAS**, Contract No. EL016477 for professional engineering services with CDM Smith, Inc. was authorized by Ordinance No. 2094-2014, passed November 3, 2014, was executed on December 3, 2014, and approved by the City Attorney on December 19, 2014 for the Dublin Road Water Plant (DRWP) UV Disinfection Project; and

**WHEREAS**, Modification No. 1, identified as Contract No PO000180 was authorized by Ordinance No. 2772-2015,

passed December 7, 2015, was executed February 3, 2016, and signed by the City Attorney on February 17, 2016; and

**WHEREAS**, Contract Modification No. 2 (current) will establish funding for Engineering Services During Construction (SDC); and

**WHEREAS**, future Contract Modification No. 3 is anticipated to fulfill SDC obligations through final completion; and

**WHEREAS**, it is necessary to authorize the Director of Public Utilities to modify and increase the professional engineering services agreement with CDM Smith, Inc. for the Dublin Road Water Plant (DRWP) UV Disinfection Project; and

**WHEREAS**, it is necessary to authorize a transfer and expenditure of funds within the Water G.O. Bonds Fund, for the Division of Water; and

**WHEREAS**, it is necessary to authorize an amendment to the 2017 Capital Improvements Budget for purposes of providing sufficient funding and expenditure authority for the aforementioned project expenditure; 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 CDM Smith, Inc., for the Dublin Road Water Plant (DRWP) UV Disinfection 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 agreement with CDM Smith, Inc. (FID# 04-2473650) for the Dublin Road Water Plant (DRWP) UV Disinfection Project, in an amount up to \$3,396,500.00.

**SECTION 2.** That the transfer of \$1,396,500.00 or so much thereof as may be needed, is hereby authorized between projects within Fund 6006 - Water G.O. Bonds Fund, per the account codes in the attachment to this ordinance. (There is already cash balance of \$2M (New Funding) in the project).

**SECTION 3.** That the 2017 Capital Improvements Budget is hereby authorized between projects within Fund 6006 - Water G.O. Bonds Fund, as follows:

**Project No. | Project Name | Current Authority | Revised Authority | Change**

P690537-100001 (carryover) | Westgate Tank Repl. | \$3,425,643 | \$2,029,143 | -\$1,396,500

P690535-100000 (carryover) | DRWP UV Disinfection | \$1,068,000 | \$2,464,500 | +\$1,396,500

\*There is already \$2M in New Funding in Project P690535-1000000

**SECTION 4.** That the expenditure of \$3,396,500.00 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 5.** 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 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 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.