



Legislation Details (With Text)

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Title: To authorize the Director of Public Utilities to modify and increase the professional engineering services agreement with CH2M HILL Engineers, Inc. for the Dublin Road Water Plant Treatment Capacity Increase Project; for the Division of Water; to authorize an expenditure up to \$298,000.00 within the Water General Obligations Bond Fund; and to authorize an amendment of the 2018 Capital Improvements Budget. (\$298,000.00)

Sponsors:

Indexes:

Code sections:

Attachments: 1. ORD 0601-2019 Information, 2. ORD 0601-2019 SWIF, 3. ORD 0601-2019 map, 4. ORD 0601-2019 Funding

Date	Ver.	Action By	Action	Result
3/20/2019	1	CITY CLERK	Attest	
3/19/2019	1	MAYOR	Signed	
3/18/2019	1	COUNCIL PRESIDENT	Signed	
3/18/2019	1	Columbus City Council	Approved	Pass
3/11/2019	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 Dublin Road Water Plant Treatment Capacity Increase Project, for the Division of Water Contract No. 1009.

The original agreement as well as Modification No. 1 provided for preliminary and detailed design of the project.

Modification No. 2 provided for final design of treatment improvements and for initial Engineering Services During Construction.

Modification No. 3 provided for final detailed design services of treatment improvements and to continue Engineering Services During Construction.

Modification No's 4 through 7 provided funding for a continuation of Engineering Services During Construction.

Modification No. 8 (current) provides funding to continue Services During Construction, including performing site visits to determine if work is proceeding in accordance with the contract documents, submittal review, responding to Contractor's request for information and preparation of record drawings, etc. This modification is anticipated to fund these services through 3rd quarter 2019.

PLANNING AREA:

Not Applicable. There is no single planning area associated with this project because the DRWP serves multiple planning areas.

1.1 Amount of additional funds to be expended: \$3,400,000.00

Original Contract Amount: \$10,432,936.00 (EL010879)

Modification No. 1	\$13,300,000.00	(EL012300)
Modification No. 2	\$ 8,000,000.00	(EL014484)
Modification No. 3	\$ 8,000,000.00	(EL015254)
Modification No. 4	\$ 2,000,000.00	(EL017039)
Modification No. 5	\$ 3,000,000.00 (PO003210)	
Modification No. 6	\$ 1,800,000.00	(PO024172)
Modification No. 7	\$ 3,400,000.00	(PO077366)
<u>Modification No. 8 (current)</u>	<u>\$ 298,000.00</u>	
Total (Orig. + Mods 1 - 8)	\$50,230,936.00	

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

This is an unanticipated contract modification due to the extended construction schedule. The construction schedule had to be extended to resolve issues with the ion exchange equipment. These issues could not have been anticipated since they were due to manufacturing defects and were not identified until the system was being installed and/or became operational. Time was required to trouble shoot and repair the defects, which extended the construction duration beyond the anticipated duration.

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 is necessary to meet anticipated demand projections for the Dublin Road Water Plant service area and to comply with impending regulations associated with the Stage 2 Disinfection Byproduct Rule. The project will also address compliance with drinking water nitrate regulations. Providing an adequate and safe supply of drinking water is essential to economic growth and development.

The proposed capacity increase of plant production was recommended by the Water Beyond 2000 Phase III report. This was confirmed by the Comprehensive Water Master Plan. Both of these studies included a public input and outreach component.

The project will evaluate the most cost effective and efficient methods to operate and maintain the Dublin Road Water Plant.

3. CONTRACT COMPLIANCE INFO: 32-0100027, expires 10/15/20, Majority; DAX Vendor No. 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. FUTURE CONTRACT MODIFICATION(S): No additional modifications are anticipated at this time.

5. FISCAL IMPACT: There are sufficient funds within the Water G.O. Bond Fund, however, an amendment to the 2018 Capital Improvements Budget will be necessary.

To authorize the Director of Public Utilities to modify and increase the professional engineering services agreement with CH2M HILL Engineers, Inc. for the Dublin Road Water Plant Treatment Capacity Increase Project; for the Division of Water; to authorize an expenditure up to \$298,000.00 within the Water General Obligations Bond Fund; and to authorize an amendment of the 2018 Capital Improvements Budget. (\$298,000.00)

WHEREAS, Contract No. EL010879 was authorized by Ordinance No. 0938-2010, passed July 19, 2010, was executed on August 20, 2010, and approved by the City Attorney on September 3, 2010; and

WHEREAS, Modification No. 1, identified as contract number, EL012300, was authorized by Ordinance No. 1925-2011, passed December 5, 2011, was executed December 7, 2011, and signed by the City Attorney on December 15, 2011; and

WHEREAS, Modification No. 2, identified as contract number, EL014484, was authorized by Ordinance No. 1059-2013, passed May 20, 2013, was executed May 31, 2013 and signed by the City Attorney on June 6, 2013; and

WHEREAS, Modification No. 3, identified as contract number, EL015254, was authorized by Ordinance No. 2644-2013, passed December 16, 2013, was executed January 21, 2014 and signed by the City Attorney on January 28, 2014; and

WHEREAS, Modification No. 4, identified as contract number, EL017039, was authorized by Ordinance No. 0360-2015, passed March 2, 2015, was executed May 6, 2015 and signed by the City Attorney on May 12, 2015; and

WHEREAS, Modification No. 5, identified as contract number, PO003210, was authorized by Ordinance No. 1697-2016, passed February 1, 2016, was executed March 2, 2016 and signed by the City Attorney on March 8, 2016; and

WHEREAS, Modification No. 6, identified as contract number, PO024172, was authorized by Ordinance No. 0011-2016, passed July 18, 2016, was executed August 18, 2016 and signed by the City Attorney on September 1, 2016; and

WHEREAS, Modification No. 7, identified as contract number, PO077366, was authorized by Ordinance No. 1693-2017, passed July 17, 2017, was executed August 21, 2017 and signed by the City Attorney on August 29, 2017; and

WHEREAS, Modification No. 8 is needed to continue Engineering Services During Construction; and

WHEREAS, additional modifications are not anticipated at this time; and

WHEREAS, it is necessary for this Council to authorize the Director of Public Utilities to modify and increase the agreement with CH2M HILL Engineers, Inc. for continued professional engineering services for the Dublin Road Water Plant Treatment Capacity Increase Project; and

WHEREAS, it is necessary for this Council to authorize an 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 2018 Capital Improvements Budget for the purpose of providing sufficient spending 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 CH2M HILL Engineers, Inc., for the Dublin Road Water Plant Treatment Capacity Increase 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 CH2M HILL Engineers, Inc. (FID# 32-0100027) for the Dublin Road Water Plant Treatment Capacity Increase Project, in an amount up to \$298,000.00.

SECTION 2. That the 2018 Capital Improvements Budget is hereby amended within Fund 6006 - Water G.O. Bonds Fund, as shown below:

Project ID | Project Name | Current Authority | Revised Authority | Change

P690428-100003 (carryover) | DRWP Treatment Capacity Incr. - Filter Bldg. Rehab. / I&C Backbone | \$1,447,102 | \$1,149,102 | -\$298,000

P690428-100001 (carryover) | DRWP Treatment Capacity Incr. - Detailed Design & Constr. | \$0 | \$298,000 | +\$298,000

SECTION 3. That the expenditure of \$298,000.00 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.