



## Legislation Details (With Text)

**File #:** 2772-2015      **Version:** 1

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

**File created:** 10/30/2015      **In control:** Public Utilities Committee

**On agenda:** 12/7/2015      **Final action:** 12/8/2015

**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 \$1,791,000.00 from the Water Works Enlargement Voted Bonds Fund; and to authorize an amendment to the 2015 Capital Improvements Budget. (\$1,791,000.00)

### Sponsors:

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### Code sections:

**Attachments:** 1. ORD 2772-2015 Information, 2. ORD 2772-2015 SWIF, 3. ORD 2772-2015 map

| Date       | Ver. | Action By             | Action                  | Result |
|------------|------|-----------------------|-------------------------|--------|
| 12/8/2015  | 1    | CITY CLERK            | Attest                  |        |
| 12/8/2015  | 1    | MAYOR                 | Signed                  |        |
| 12/7/2015  | 1    | COUNCIL PRESIDENT     | Signed                  |        |
| 12/7/2015  | 1    | Columbus City Council | Approved                | Pass   |
| 11/23/2015 | 1    | Columbus City Council | Read for the First Time |        |

**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, 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).

This Contract Modification (Mod No. 1) will establish funding for Detailed Design (Phase II) and Bidding (Phase III) Services.

Detailed Design (Phase II) will prepare contract documents (including specifications and drawings) for construction of the proposed facilities. Detailed Design also includes plan and specification review meetings, assisting in negotiations, permitting, and other matters with government agencies as necessary, and coordination with the HCWP UV Disinfection project.

Bidding Services (Phase III) includes assisting at the Pre-Bid Conference and bid opening, tabulating bids, making an award recommendation for lowest and best bid, and preparing Conformed to Contract documents.

### 1.1 Amount of additional funds to be expended: \$1,791,000.00

Original Contract Amount: \$ 890,276.46 (EL016477)

Modification No. 1 (current):     \$1,791,000.00  
Total (Orig. + Mod. 1)            \$2,681,276.46

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

This is the first modification to the contract and was fully anticipated and explained in the original legislation under Ordinance No. 2094-2014.

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

This contract was anticipated to be funded in phases as indicated in the original request for proposals and as authorized legislation under Ordinance No. 2094-2014. CDM Smith is familiar with the details of the project and has compiled a Preliminary Design Report detailing their findings and recommendations. The process of selecting and contracting a new consultant team to review documents prepared by CDM Smith would delay the project and increase engineering and construction costs.

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

The consultant prepared a detailed estimate based on the scope of work, projections for staff assigned, and the amount of hours necessary for each staff member to complete the scope for this contract modification. City staff reviewed and reduced this cost estimate and adjusted scope. Several iterations of scope and budget revisions were conducted to arrive at a scope schedule and budget all parties felt were adequate to meet the project expectations.

**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. LEED principles will be employed where applicable.

**3. CONTRACT COMPLIANCE INFO:** 04-2473650, expires 12/4/16, Majority

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:** It is anticipated that a future modification (Phase IV) will be requested for Engineering Services During Construction (SDC). SDC will include technical project representation (TPR) duties, construction phase engineering, start-up and commissioning assistance, and record documentation.

**5. FISCAL IMPACT:** A transfer of funds within the Water Works Enlargement Voted Bonds Fund will be necessary as well as an amendment to the 2015 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 \$1,791,000.00 from the Water Works Enlargement Voted Bonds Fund; and to authorize an amendment to the 2015 Capital Improvements Budget. (\$1,791,000.00)

**WHEREAS,** Contract No. EL016477 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,** Contract Modification (Mod No. 1) will establish funding for Detailed Design (Phase II) and Bidding

(Phase III) Services; and

**WHEREAS**, it is necessary for this Council 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 for this Council to authorize a transfer and expenditure of funds within the Water Works Enlargement Voted Bonds Fund, for the Division of Water; and

**WHEREAS**, it is necessary to authorize an amendment to the 2015 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. for the Dublin Road Water Plant (DRWP) UV Disinfection Project, in an amount up to \$1,791,000.00.

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

**SECTION 3.** That the City Auditor is hereby authorized to transfer \$491,000.00 within the Department of Public Utilities, Division of Water, Dept/Div. No. 60-09, Water Works Enlargement Voted Bonds Fund, Fund No. 606, Object Level Three 6677, as follows:

**Fund No. | Project No. | Project Name | OCA Code | Change**

|     |                             |                          |        |               |
|-----|-----------------------------|--------------------------|--------|---------------|
| 606 | 690236-100055 (New Funding) | Fenway Rd. WL Imp's      | 623655 | -\$132,727.66 |
| 606 | 690236-100058 (New Funding) | E. Deshler WL Imp's      | 623658 | -\$300,000.00 |
| 606 | 690411-100006 (New Funding) | Glick Rd. Bridge Repairs | 664116 | -\$58,272.34  |
| 606 | 690535-100000 (New Funding) | DRWP UV Disinfection     | 690535 | +\$491,000.00 |

\*There is already \$1,300,000 cash in Fund 606, Project No. 690535-100000 (New Funding), DRWP UV Disinfection.

**SECTION 4.** That the 2015 Capital Improvements Budget is hereby amended as follows:

**Fund No. | Project No. | Project Name | OCA Code | Change**

|     |                             |                          |                           |            |
|-----|-----------------------------|--------------------------|---------------------------|------------|
| 606 | 690236-100055 (New Funding) | Fenway Rd. WL Imp's      | \$132,728   \$0           | -\$132,728 |
| 606 | 690236-100058 (New Funding) | E. Deshler WL Imp's      | \$300,000   \$0           | -\$300,000 |
| 606 | 690411-100006 (New Funding) | Glick Rd. Bridge Repairs | \$200,000   \$141,727     | -\$58,273  |
| 606 | 690535-100000 (New Funding) | DRWP UV Disinfection     | \$1,300,000   \$1,791,001 | +\$491,001 |

**SECTION 5.** That an expenditure up to \$1,791,000.00 is hereby authorized for the Dublin Road Water Plant (DRWP) UV Disinfection Project within the Water Works Enlargement Voted Bonds Fund, Fund No. 606, Division 60-09, Project No. 690535-100000 (New Funding), OCA 690535, OL3 6677.

**SECTION 6.** 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 7.** 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 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.