



## Legislation Details (With Text)

**File #:** 2707-2015      **Version:** 1  
**Type:** Ordinance      **Status:** Passed  
**File created:** 10/23/2015      **In control:** Public Utilities Committee  
**On agenda:** 11/23/2015      **Final action:** 11/24/2015  
**Title:** To authorize the Director of Public Utilities to enter into a planned modification of the professional engineering services agreement with MWH Americas, Inc. for the Hap Cremean Water Plant (HCWP) UV Disinfection Project; for the Division of Water; and to authorize an expenditure up to \$1,392,500.00 from the Water Works Enlargement Voted Bonds Fund. (\$1,392,500.00)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. ORD 2707-2015 Information, 2. ORD 2707-2015 Sub ID, 3. ORD 2707-2015 map

Date	Ver.	Action By	Action	Result
11/24/2015	1	CITY CLERK	Attest	
11/24/2015	1	MAYOR	Signed	
11/23/2015	1	COUNCIL PRESIDENT	Signed	
11/23/2015	1	Columbus City Council	Approved	Pass
11/16/2015	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 MWH Americas, Inc. for the Hap Cremean Water Plant (HCWP) UV Disinfection Project, Division of Water Contract No. 2025.

This project will provide UV disinfection at the HCWP 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 construction contract documents (including specifications and drawings) for the construction of the proposed facilities. Detailed Design also includes plan and specification review meetings, assisting in negotiations, permitting, other matters with government agencies as necessary, and coordination with the DRWP 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: \$1,392,500.00**

Original Contract Amount: \$ 936,618.63 (EL016478)  
Modification No. 1 (current): \$1,392,500.00

Total (Orig. + Mod. 1) \$2,329,118.63

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

This is the first modification to the contract and was fully 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. MWH Americas is familiar with the details of the project and have compiled a Preliminary Design Report detailing their findings and recommendations. The process of selecting and contracting with a new consultant team to review documents prepared by MWH Americas 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 HCWP. 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 HCWP 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:** 95-1878805, expires 2/13/16, Majority

Searches in the Excluded Party List System (Federal) and the Findings for Recovery list (State) produced no findings against MWH Americas, 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:** There are sufficient funds within the Water Works Enlargement Voted Bonds Fund for this expenditure.

To authorize the Director of Public Utilities to enter into a planned modification of the professional engineering services agreement with MWH Americas, Inc. for the Hap Cremean Water Plant (HCWP) UV Disinfection Project; for the Division of Water; and to authorize an expenditure up to \$1,392,500.00 from the Water Works Enlargement Voted Bonds Fund. (\$1,392,500.00)

**WHEREAS,** Contract No. EL016478 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 Hap Cremean Water Plant (HCWP) 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 MWH Americas, Inc. for the Hap Cremean Water Plant (HCWP) UV Disinfection Project; and

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

**WHEREAS**, it has become necessary in the usual daily operation of the Department of Public Utilities, Division of Water, to authorize the Director to modify and increase the professional engineering services agreement with MWH Americas, Inc., for the Hap Cremean Water Plant (HCWP) 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 MWH Americas, Inc. for the Hap Cremean Water Plant (HCWP) UV Disinfection Project, in an amount up to \$1,392,500.00.

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

**SECTION 3.** That an expenditure up to \$1,392,500.00 is hereby authorized for the Hap Cremean Water Plant (HCWP) UV Disinfection Project within the Water Works Enlargement Voted Bonds Fund, Fund No. 606, Division 60-09, Project No. 690536-100000 (New Funding), OCA 690536, OL3 6677.

**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.