



Legislation Text

File #: 2094-2014, **Version:** 1

1. BACKGROUND: This legislation authorizes the Director of Public Utilities to enter into agreements with CDM Smith Inc. and MWH Americas Inc., for professional engineering services for the Dublin Road Water Plant (DRWP) and the Hap Cremean Water Plant (HCWP) UV Disinfection Projects, in an amount up to \$1,826,895.09, for Division of Water Contract No's 2024 and 2025.

These projects will provide preliminary design for an Ultraviolet (UV) Disinfection system for the City's two surface water treatment plants, Dublin Road Water Plant and Hap Cremean Water Plant. UV Disinfection will provide a multi-barrier disinfection approach for DRWP and HCWP and comply with best practices suggested by the USEPA's Long Term 2 Enhanced Surface Water Treatment Rule. The preliminary design will be used to evaluate UV Disinfection technologies, identify the preferred UV Disinfection technology, develop technical design memos for guidance during detailed design, begin permitting discussions with the Ohio EPA, and develop a Preliminary Design Report for each plant.

2. ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT; ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT: UV disinfection provides a multi-barrier treatment operation at the plants that improves public health protection by inactivating chlorine resistant microorganisms and other harmful pathogens. Water quality provided by the City is essential to human health and economic growth and development. There were no public meetings held regarding this work. The water treatment plants are secure facilities and are not publically accessible buildings. LEED principles will be employed where applicable.

3. BID INFORMATION: The selection of the firms providing the professional engineering services has been performed in accordance with the procedures set forth in Columbus City Code, Section 329.14, "Awarding professional service contracts through requests for proposals." The evaluation criteria for this contract included: 1. proposal quality, 2. experience of team, 3. past performance, 4. environmentally preferable offeror, and 5. local workforce.

Requests for Proposals (RFP's) were received on April 4, 2014 from MWH Americas, CDM Smith, Chester Engineers, and AECOM Technology Corp.

An evaluation committee reviewed the proposals and scored them based on the criteria mentioned above. The Department of Public Utilities recommends the Dublin Road Water Plant UV Disinfection Project be awarded to CDM Smith Inc. and the Hap Cremean Water Plant UV Disinfection Project be awarded to MWH Americas Inc.

The Contract Compliance Number for CDM Smith Inc. is 04-2473650 (expires 4/2/16, MAJ). The Contract Compliance Number for MWH Americas Inc. is 95-1878805 (expires 2/13/16, MAJ). Additional information regarding all bidders, description of work, contract time frame and detailed amounts can be found on the attached Information form.

Searches in the Excluded Party List System (Federal) and the Findings for Recovery list (State) produced no findings against CDM Smith Inc. nor MWH Americas Inc.

4. FUTURE CONTRACT MODIFICATIONS: The Division of Water anticipates requesting future contract modifications for detailed design services and engineering services during construction, pending initial assessment findings from task items in this contract. The contract modification is anticipated to be requested in the second half of 2015.

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 2014 Capital Improvements Budget.

To authorize the Director of Public Utilities to enter into agreements with CDM Smith Inc. and MWH Americas Inc. for professional engineering services for the Dublin Road Water Plant and Hap Cremean Water Plant UV Disinfection Projects for the Division of Water; to authorize a transfer and expenditure up to \$1,826,895.09 within the Water Works Enlargement Voted Bonds Fund; and to amend the 2014 Capital Improvements Budget. (\$1,826,895.09)

WHEREAS, four technical proposals for professional engineering services for the Dublin Road Water Plant and Hap Cremean Water Plant UV Disinfection Projects were received on April 4, 2014; and

WHEREAS, the Department of Public Utilities recommends that an agreement be awarded to CDM Smith Inc. for the Dublin Road Water Plant UV Disinfection Project, Division of Water Contract No. 2024; and

WHEREAS, the Department of Public Utilities recommends that an agreement be awarded to MWH Americas Inc. for the Hap Cremean Water Plant UV Disinfection Project, Division of Water Contract No. 2025; and

WHEREAS, it is necessary for this Council to authorize the 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 2014 Capital Improvements Budget for the purpose of providing sufficient spending authority for the aforementioned project expenditures; and

WHEREAS, it has become necessary in the usual daily operation of the Division of Water, Department of Public Utilities, to authorize the Director of Public Utilities to enter into professional engineering service agreements for the Dublin Road Water Plant and Hap Cremean Water Plant UV Disinfection Projects; for the preservation of the public health, peace, property and safety;

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS:

SECTION 1. That the Director of Public Utilities be and hereby is authorized to enter into professional engineering service agreements for the Dublin Road Water Plant and Hap Cremean Water Plant UV Disinfection Project for each project listed below, for an expenditure up to \$1,826,895.09, in accordance with the terms and conditions of the contracts on file in the Office of the Division of Water:

Dublin Road Water Plant UV Disinfection Project:

CDM Smith Inc., 8800 Lyra Drive, Suite 500, Columbus, Ohio 43240
\$890,276.46

Hap Cremean Water Plant UV Disinfection Project:

MWH Americas Inc., 20 S. Third Street, Suite 210, Columbus, Ohio 43215
\$936,618.63

SECTION 2. That the City Auditor is hereby authorized to transfer \$1,826,895.09 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 indicated on attachment "ORD 2094-2014 Transfers".

SECTION 3. That the 2014 Capital Improvements Budget is hereby amended as indicated on attachment "ORD 2094-2014 Transfers".

SECTION 4. That an expenditure up to \$1,826,895.09 is hereby authorized for the Dublin Road Water Plant and Hap Cremean Water Plant UV Disinfection Projects within Dept/Div. 60-09, Water Works Enlargement Voted Bonds Fund, Fund No. 606, Object Level Three 6677, as described below:

Project No./Project Name/OCA/Amount

690535-100000 (carryover) / DRWP UV Disinfection / 690535 / \$554,584.35
690535-100000 (New Funding) / DRWP UV Disinfection / 690535 / \$335,692.11
690536-100000 (New Funding) / HCWP UV Disinfection / 690536 / \$936,618.63

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.