

**Information to be included in all Legislation authorizing entering into a Contract:**

- 1. The names, contract compliance no. & expiration date, location by City/State and status of all companies (NPO, MAJ, MBE, FBE, HL1, AS1, or MBR) submitting a competitive bid or submitting an RFP or RFSO.**

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>City/State</u>	<u>Status</u>
MWH Americas, Inc.	95-1878805 – 2/13/16	Columbus, OH	MAJ
CDM Smith, Inc.	04-2473650 – 4/2/16	Columbus, OH	MAJ
Chester Engineers, Inc.	20-2401674 – 5/1/15	Columbus, OH	MBE
AECOM Technology Corp.	95-2661922 – 10/11/14	Columbus, OH	MAJ

- 2. What type of bidding process was used (ITB, RFP, RFSO, Competitive Bid).**

Request for Proposals (RFP's) were received April 4, 2014.

- 3. List the ranking and order of all bidders.**

This legislation applies to two (2) projects. The rankings and order of all bidders for the two (2) projects is:

Project Name: DRWP UV Disinfection

Project CIP No.: 690535-100000

CDM Smith, Inc.	1
MWH Americas, Inc.	2
Chester Engineers, Inc.	3
AECOM Technology Corp.	4

Project Name: HCWP UV Disinfection

Project CIP No.: 690536-100000

MWH Americas, Inc.	1
CDM Smith, Inc.	2
Chester Engineers, Inc.	3
AECOM Technology Corp.	4

- 4. Complete address, contact name and phone number for the successful bidder only.**

Project Name: DRWP UV Disinfection

Project CIP No.: 690535-100000

**CDM Smith Inc.**

8800 Lyra Drive, Suite 500

Columbus, OH 43240

Contact Name: Tom Jedlinsky, P.E., P.S.

Phone: (614) 847-8340

Project Name: HCWP UV Disinfection

Project CIP No.: 690536-100000

**MWH Americas, Inc.**

20 South Third Street, Suite 210

Columbus, OH 43215

Contact Name: Tim A. Wolfe, PhD, PE

Phone: (614) 324-2220

- 5. A full description of all work to be performed including a full description of work to be performed during any known phasing of the contract.**

These are contracts for Professional Engineering Services (Design Professional or “DP” services) for the Dublin Road Water Plant UV Disinfection project (CIP No.: 690535-100000) and the Hap Cremean Water Plant UV Disinfection project (CIP No.: 690536-100000). The initial phase of these contracts, Phase I, will provide Professional Engineering Services for Preliminary Design. It is anticipated that future modifications will be requested for Detailed Design (Phase II) and Bidding Services (Phase III) and for Engineering Services During Construction (Phase IV).

These projects will provide UV disinfection at the DRWP and the HCWP that will allow DRWP and HCWP to operate with a multi-barrier disinfection process (provide both chemical and physical disinfection).

Preliminary Design includes the tasks identified below which will be supported by regular meetings to present findings throughout stages of preliminary design. Tasks include:

- investigations and evaluations of existing facilities, water quality criteria, and hydraulic parameters;
- review of existing master plans and plant drawings and Federal, State, and local regulatory requirements including building codes;
- identification of target organisms, operational issues (fouling and cleaning), and risks associated with UV Disinfectionl;
- assessment of target disinfection targets;
- evaluation of power quality concerns and of ongoing factors affecting UV disinfection;
- coordination with the concurrent disinfection projects: DRWP UV Disinfection Project (CIP No. 690535-100000); HCWP UV Disinfection Project (CIP No. 690536-100000), standby power projects: HCWP Standby Power (CIP No 690519); DRWP Standby Power (CIP No 690520), and the Ohio EPA;
- issuing requests for technical proposals from UV System Suppliers and the subsequent evaluation of technical proposals;
- evaluation of potential sites for UV Disinfection and determination of a site at both DRWP and HCWP;
- consideration of procurement alternatives appropriate for the projects;
- selection of a preferred UV technology (either Low-Pressure High-Output or Medium Pressure) for each plant;
- preparation of Statement of Probable Costs, preliminary design drawings, technical memos, and a Preliminary Design Report to be used as the basis of detailed design.

Upon the City's approval of the PDR's and after the implementation of a contract modification, Detailed Design (Phase II) will begin. Detailed Design will prepare construction contract documents (including specifications and drawings) in accordance with City of Columbus Division of Water standards, guidelines, and direction for construction and implementation of the proposed facilities. Detailed Design also includes plan and specification review meetings, assisting in negotiations, permitting, and other matters with U.S. EPA, Ohio EPA, and other government agencies as necessary, and Bidding Services (Phase III) (which 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.)

Engineering Services During Construction (Phase IV) will begin after the implementation of a contract modification and at the Notice to Proceed (NTP) for the construction contract. Engineering Services During Construction will include technical project representation (TPR) duties, construction phase engineering, start-up and commissioning assistance, and record documentation.

The actual emplacement of the work will be by construction contract.

Construction Management services are expected to be performed by others.

**6. A narrative timeline for the contract including a beginning date, beginning and ending dates for known phases of the contract and a projected ending date.**

The DOW anticipates the Notice to Proceed (NTP) fourth quarter 2014 and completion of preliminary design (this contract phase) fourth quarter 2015. Detailed design is expected to begin in fourth quarter 2015 and be complete during the third quarter 2016. Bidding for the

construction contract is anticipated to occur fourth quarter of 2016. Construction is projected to begin in the first half of 2017 and to be completed in 2019.

**7. A narrative discussing the economic impact or economic advantages of the project; community outreach or input in the development of the project; and any environmental factors or advantages of the project.**

These projects will install UV Disinfection technology at the City’s surface water treatment plants DRWP and HCWP. The addition of UV Disinfection provides a multi-barrier treatment operation at DRWP and HCWP 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. DRWP and HCWP are secure facilities and are not publically accessible buildings.

LEED certification is being considered for these projects (if applicable). LEED principles will be employed where applicable.

**8. An estimate of the full cost of the Contract including a separate estimate of any and all phases or proposed future contract modifications.**

<b>Project Name:</b>	<b>DRWP UV Disinfection</b>	<b>HCWP UV Disinfection</b>
<b>Project CIP No.:</b>	<b>690535-100000</b>	<b>690536-100000</b>
Phase I - Preliminary Design (this request)	\$ 890,276.46	\$ 936,618.63
Phases II and III-Detailed Design & Bidding Svcs.*	\$1,500,000.00	\$1,500,000.00
Phase IV - Services During Construction*	<u>\$1,500,000.00</u>	<u>\$1,500,000.00</u>
Estimated Contract Total	\$3,890,276.46	\$3,936,618.63

\*future mod

Costs for Phases II through IV are estimates only and will be refined as previous phases are completed. Legislation requests for the future modifications will be submitted at later date.