

**HCWP Hypochlorite Disinfection Improvements,
CIP 690486-100000, CT No. 2132, TSS #812 - Modification #2**

Information to be included in all Legislation Modifying 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 RFSQ.**

Name	C.C. No./Exp. Date	DAX #	City/State	Status
Arcadis U.S., Inc.	57-0373224 – 3/18/23	009409	Columbus, OH	MAJ
CH2M Hill Engineers	32-0100027	006247	Columbus, OH	MAJ
Burgess & Niple, Inc.	31-0885550	004425	Columbus, OH	MAJ
Brown & Caldwell	94-1446346	010815	Columbus, OH	MAJ
Hazen & Sawyer	13-2904652	000630	Columbus, OH	MAJ

2. **What type of bidding process was used (ITB, RFP, RFSQ, Competitive Bid).**
Requests for Proposals (RFP's) were opened on Friday, August 28, 2015. (SA005984)

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

1. ARCADIS U.S., Inc.
2. CH2M Hill Engineers, Inc.
3. Burgess & Niple, Inc.
4. Brown & Caldwell
5. Hazen & Sawyer

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

Arcadis U.S., Inc.
100 E. Campus View Blvd., Suite 200, Columbus, OH 43235
Jim Hays, (614) 985-9204, Jim.Hays@arcadis.com
Orig. CT: PO053678 (replaces PO042581)
Ren. #1: PO190205

5. **A description of work performed to date as part of the contract and a full description of work to be performed during any future phasing of the contract. The planning area should also be listed as well as any street or neighborhood names.**

The HCWP Hypochlorite Disinfection Improvements (CIP 690486-100000) project will convert the HCWP disinfection process from the current gas based chlorine system to a liquid sodium hypochlorite disinfection system. This contract provides Professional Engineering Services for this project.

Work performed to date under this contract includes preliminary design services, detailed design, and bidding services to be conducted in the coming weeks.

ORD #2987-2021

This contract modification will provide Initial Engineering Services During Construction. As this is a multi-year project, a future contract modification request is anticipated for Final Engineering Services During Construction.

The Community Planning Area for the Hap Cremean Water Plant is “99 - Citywide” since it provides service to several communities.

6. **An updated contract timeline to contract completion.**

Phase 1: (Preliminary Design) began April 13, 2017 and ended July 2019.

Phase 2: (Detailed Design) started August, 2019 and ended Nov. 2021.

Phase 3: (Services During Construction) are scheduled to start 1st quarter 2022 and be completed 1st quarter 2025

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.**

This project will address the risks associated with a gaseous chlorine system while providing a safer storage and handling system for plant staff. The potential threat of an accidental or intentional release of chlorine gas will be eliminated with this project

This work will occur within the secure area of the HCWP that is not accessible to the public, so public meetings are not anticipated.

8. **A description of any and all modifications / renewals to date including the amounts of each modification and the Contract Number associated with any modification to date. (List each modification separately.)**

The first contract renewal provided for Detailed Design and Bidding Services (Ord No. 1754-2019, \$2,159,645.00).

9. **A full description of the work to be performed as part of the proposed contract modification. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)**

This contract modification provides funding for Initial Engineering Services During Construction, including performing site visits to determine if work is proceeding in accordance with the contract documents, submittal reviews, responding to Contractor’s request for information, preparing RFPs, and other construction phase engineering services.

A future contract modification will occur for final construction services at a later date.

10. **If the contract modifications was not anticipated and explained in the original contract legislation a full explanation as to the reasons the work could not have been anticipated is required. (Changed or field conditions is not sufficient explanation. Describe in full the changed conditions that require modifications of the contract scope and amount.)**

This contract modification was anticipated and explained in original Ordinance No. 2817-2016 and in Renewal #1 Ordinance No. 1754-2019, however the scope of services needed differ, therefore a modification is needed.

11. **An explanation of why the work to be performed as part of the contract modification cannot be bid out. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)**

The current consultant is familiar with the project and has completed all the preliminary design work and detailed design work to date. 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 delay the timeline for replacing the existing chlorine gas system.

This contract modification was also anticipated and explained in original Ordinance No. 2817-2016 and Renewal #1 Ordinance No. 1754-2019.

12. **A cost summary to include the original contract amount, the cost of each modification / renewal to date (list each modification / renewal separately), the cost of the modification being requested in the legislation, the estimated cost of any future known modifications and a total estimate of the contract cost.**

Cost summary:

Preliminary Design	\$ 587,000.00 (PO 042581)
Detailed Design (Ren. #1)	\$ 2,159,645.00 (PO190205)
Services During Construction (Current Mod. #2)	\$ 1,950,000.00 (Current)
Final Services During Construction (Future)	\$ 1,000,000.00 (Estimate)

ESTIMATED CONTRACT TOTAL \$ 5,696,645.00

13. **An explanation of how the cost of the 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.