

Dublin Road Water Plant Treatment Capacity Increase
CIP 690428-100001, CT No. 1009

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.**

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>DAX VN#</u>	<u>City/State</u>	<u>Status</u>
CH2M Hill Engineers, Inc.	32-0100027 – 11/10/18	006247	Columbus, OH	MAJ
ARCADIS US, Inc. (fka Malcolm Pirnie, Inc.)	57-0373224 – 5/18/19	009409	Columbus, OH	MAJ

Note: Both firms had MBE/FBE participation proposed for their project teams.

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

Requests for Proposals (RFPs) were opened on March 12, 2010.

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

CH2M Hill Engineers, Inc. - 1st

Arcadis US, Inc. (fka Malcolm Pirnie, Inc.) - 2nd

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

CH2M Hill Engineers, Inc.

Two Easton Oval, Suite 500

Columbus, OH 43219

Mark Pochodylo – Client Service Manager, Ph (614) 888-3100, Mark.Pochodylo@ch2m.com

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.**

Work to be performed in this contract is professional engineering services for the Dublin Road Water Plant (DRWP), Treatment Capacity Increase Detailed Design, Project No. 690428-100001. The professional engineering services will be completed in multiple phases:

- 1) Preliminary Design
- 2) Detailed Design
- 3) Services During Construction

WORK TO DATE:

Preliminary Design: Work under this phase has included assisting in the alternatives analysis of various treatment layout options; including the evaluation of granular activated carbon in the existing filters, post filter contactors and ozone coupled with biologically active filters. Elements of this phase of work have included various meetings and workshops; value engineering; survey and mapping of the project site; geotechnical investigations; preliminary design drawings; and a Preliminary Design Report (PDR). This work was completed under the previously executed contract EL010879, Ord No. 0938-2010.

ORD NO. 1693-2017

Detailed Design: Work under this phase has included the preparation of Detailed Construction Contract Documents in accordance with the approved Preliminary Design Report (PDR). Construction Contract Document has included Construction Costs Estimate, Detailed Engineering Drawings, Specifications, and Bidding Documents. This work was initiated under the previously executed contract EL012300, Ord No. 1925-2011.

Services During Construction: Work under this phase includes performing site visits to determine if work is proceeding in accordance with the contract documents, submittal review, responding to Contractor's request for information and preparation of record drawings, etc. This work was initiated under the previously executed contract modification EL014484, Ord No. 1059-2013, contract modification EL015254, Ord No. 2644-2013, contract modification EL017039, Ord No. 0360-2015, contract modification PO003210, Ord No. 0011-2016 and contract modification PO024172-1, Ord No. 1697-2016.

WORK TO BE PERFORMED UNDER THIS MODIFICATION

Services During Construction: This modification provides funding to continue Services During Construction, including performing site visits to determine if work is proceeding in accordance with the contract documents, submittal review, responding to Contractor's request for information and preparation of record drawings, etc. This modification is anticipated to fund these services through 3rd quarter 2018.

WORK TO BE PERFORMED IN FUTURE MODIFICATION

No additional modifications are anticipated at this time; however, construction exigency might later compel modification of this contract, if unforeseen difficulties are encountered.

Note: Daily construction inspection and construction administration services for this project are being performed by an independent inspection group not actively involved in the project design.

PLANNING AREA

Not Applicable. There is no single planning area associated with this project because the DRWP serves multiple planning areas.

6. An updated contract timeline to contract completion.

Phase 1: (Preliminary Engineering) began November 1, 2010 and ended December 31, 2011.

Phase 2: (Detailed Design) began January 1, 2011 and ended December 31, 2014

Phase 3: (Services During Construction) are scheduled to end 3rd quarter 2018

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 is necessary to meet anticipated demand projections for the Dublin Road Water Plant service area and to comply with impending regulations associated with the Stage 2 Disinfection Byproduct Rule. The project will also address compliance with drinking water nitrate regulations. Providing an adequate and safe supply of drinking water is essential to economic growth and development.

The proposed capacity increase of plant production was recommended by the Water Beyond 2000 Phase III report. This was confirmed by the Comprehensive Water Master Plan. Both of these studies included a public input and outreach component.

The project will evaluate the most cost effective and efficient methods to operate and maintain the Dublin Road Water Plant.

8. A description of any and all modifications 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 modification provided for Detailed Design Services (EL012300, Ord No. 1925-2011, \$13,300,000)

The second contract modification provided a continuation of Detailed Design Services and initial Engineering Services During Construction (EL014484, Ord No. 1059-2013, \$8,000,000)

The third contract modification provided a continuation of Detailed Design Services and Engineering Services During Construction (EL015254, Ord No. 2644-2013, \$8,000,000)

The fourth contract modification provided a continuation of Engineering Services During Construction (EL017039, Ord No. 0360-2015, \$2,000,000)

The fifth contract modification provided a continuation of Engineering Services During Construction (PO003210, Ord No. 0011-2016, \$3,000,000)

The sixth contract modification provided a continuation of Engineering Services During Construction (PO024172, Ord No. 1697-2016, \$1,800,000)

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.)

The project consists of five construction contracts as follows:

- Part 1 – Site Improvements, Sludge Pump Station, and Electrical Substation
- Part 2 – Filter Building Rehabilitation/I&C Backbone
- Part 3 – Recarbonation and Ozone Facilities and Basin 4 Modifications
- Part 4 – Ion Exchange Facilities; Electrical, Chemical, Building, and Pumping Facility Upgrades; Final Site Improvements
- Part 5 – Residual Pipeline

Work to be performed under this modification includes continuing engineering services during construction for Part 4, including performing site visits to determine if work is proceeding in accordance with the contract documents, submittal review, responding to Contractor's request for information and preparation of record drawings, etc.

10. If the contract modification 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 modification of the contract scope and amount.)

This was an anticipated contract modification and explained in the original contract legislation Ordinance No. 0938-2010, the first contract modification Ordinance No. 1925-2011, the second contract modification Ordinance No. 1059-2013, the third contract modification Ordinance No. 2644-2013, the fourth contract modification Ordinance No. 0360-2015, the fifth contract modification Ordinance No. 0011-2016, as well as the sixth contract modification Ordinance No. 1697-2016.

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 work to date on the current design path. 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 put the City at high risk of not meeting anticipated future water quality regulation deadlines.

12. **A cost summary to include the original contract amount, the cost of each modification to date (list each modification 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.**

CONTRACT AMOUNT:

Preliminary Design	\$10,432,936.00 (EL 010879)
Detailed Design	\$13,300,000.00 (Mod No. 1 Request) EL012300
Initial Services During Construction	\$ 8,000,000.00 (Mod No. 2 Request) EL014484
Final Design/Construction Services	\$ 8,000,000.00 (Mod No. 3 Request) EL015254
Services During Construction	\$ 2,000,000.00 (Mod No. 4 Request) EL017039
Services During Construction	\$ 3,000,000.00 (Mod No. 5 Request) PO003210
Services During Construction	<u>\$ 1,800,000.00</u> (Mod No. 6 Request) PO024172
Services During Construction	<u>\$ 3,400,000.00</u> (Current Mod Request)

Contract Total **\$49,932,936.00**

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.