

**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>City/State</u>	<u>Status</u>
CH2M Hill Engineers, Inc.	32-0100027 – 1/7/15	Columbus, OH	MAJ
ARCADIS US, Inc. (fkaMalcolm Pirnie, Inc.	57-0373224 – 7/10/15	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 received March 12, 2010.

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

CH2M Hill Engineers, Inc. - 1<sup>st</sup>  
Arcadis US, Inc. (fka Malcolm Pirnie, Inc.) - 2<sup>nd</sup>

4. **The name, address, contact name, phone number and contract number of the firm awarded the original contract.**

CH2M Hill Engineers, Inc.  
1103 Schrock Road, Suite 400  
Columbus, OH 43229  
Lisa Gourley, P.E. – Vice President, Ph (614) 888-3100, [Lisa.Gourley@CH2M.com](mailto:Lisa.Gourley@CH2M.com)  
EL010879 – Original Contract  
EL012300 – Modification No. 1  
EL014484 – Modification No. 2

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.**

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 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, Ordinance No. 0938-2010.

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

Initial Services During Construction: Work under this phase included performing site visits to determine if work is proceeding in accordance with the contract documents, submittal review, clarification of contractor's request for information and preparation of record drawings. This activity is primarily for project management level effort and the clerical support thereof for a period of 6 months. (A future contract modification will occur for final construction services at a later date.) This work was initiated under the previously executed contract EL014484, Ordinance No. 1059-2013.

#### **WORK TO BE PERFORMED UNDER THIS MODIFICATION:**

Final Detailed Design Services: Work under this phase will include the preparation of Detailed Construction Contract Documents in accordance with the approved Preliminary Design Report (PDR). Construction Contract Document will include Construction Costs Estimate, Detailed Engineering Drawings, Specifications, and Bidding Documents. The current contract modification will cover these services.

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, clarification of Contractor's request for information and preparation of record drawings. This activity is primarily for project management level effort and the clerical support thereof for a period of 6 months. This work will be performed under this contract modification. A future contract modification will occur for final construction services at a later date.

#### **WORK TO BE PERFORMED IN FUTURE MODIFICATION:**

Final Services During Construction: Work under this phase includes performing periodic site visits to determine if work is proceeding in accordance with the contract documents, submittal review, clarification of contractor's request for information and preparation of record drawings. This activity is primarily for project management level effort and the clerical support thereof for the period after the aforementioned services during construction. A future contract modification will occur for final construction services at a later date.

*Note: It is the Division of Water's intent to have the daily construction inspection and construction administration services for this project performed by an independent inspection group not actively involved in the project design.*

#### **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 is scheduled to end February 1, 2014.

**Phase 3:** Services During Construction - are scheduled to end June 1, 2017.

#### **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 (EL010879, Ordinance No. 0938-2010, \$13,300,000.00).

The second contract modification provided a continuation of Detailed Design Services and initial Services During Construction (EL014484, Ordinance No. 1059-2013, \$8,000,000.00).

**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.)**

The project will be implemented in five construction contracts associated with the Dublin Road Water Plant 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 – Sludge Pipeline

**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, as well as the second contract modification Ordinance No. 1059-2013.

**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 further 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	(EL010879)
Detailed Design	\$13,300,000.00	(Mod #1 - EL012300)
Initial Services During Construction	\$ 8,000,000.00	(Mod #2 - EL014484)
Services During Construction	\$ 8,000,000.00	(Mod #3 – current request)
Final Construction Services	<u>\$ 6,500,000.00</u>	(Mod #4 - future mod request)
<b>Contract Total</b>	<b>\$46,232,936.00</b>	

Detailed costs for *Final Construction Services* have not been determined at this time. A request for a contract modification for this service will be requested at later date.

**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 detailed design services and services during construction. City Project Manager and associated staff reviewed and approved these cost summaries.