

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 RFSO.**

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>City/State</u>	<u>Status</u>
CH2M Hill Engineers, Inc.	32-0100027 – 2/25/13	Columbus, OH	MAJ
Arcadis US, Inc. (fka Malcolm Pirnie, Inc.)	57-0373224 – 8/25/13	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, RFSO, Competitive Bid).**
Requests for Proposals (RFPs) were received 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. **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, (614) 888-3100
EL010879 – Original Contract
EL012300 – Modification No. 1

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

Preliminary Design (Original Agreement): Work under this phase will include 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 will include 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 EL 010879, Ord # 0938-2010.

Detailed Design (Modification No. 1): 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 (Modification No. 2 {current}, 3 and 4 {future}): 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 work will be performed under this contract modification. This contract will be modified two additional times for engineering services during construction for upcoming phases of the work.

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 expected to end October 1, 2013.

Phase 3: Services During Construction are expected to end January 31, 2016.

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.)

Modification No. 1 \$13,300,000.00 EL012300

* Work under Modification No. 1 included: detailed design and contract document preparation for treatment for reduction of total organic carbon (TOC); modifications to the existing turbidity sedimentation, softening and recarbonation systems; upgrades to the existing sludge handling facilities; treatment for compliance with drinking water nitrate regulations; electrical systems upgrade and all ancillary equipment to allow the plant to reach and meet all water quality goals and regulations and meeting all future demand projections.

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.)

Professional services for final design of treatment improvements and for initial services during construction.

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 a planned contract modification identified in the original contracting legislation Ordinance No. 0938-2010 and the first contract modification Ordinance No. 1925-2011.

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 (Original)	\$10,432,936.00 (EL010879)
Detailed Design (Mod #1)	\$13,300,000.00 (EL012300)
Services During Construction	\$ 8,000,000.00 (Current Mod Request)
Services During Construction	\$ 8,000,000.00 (Future Mod Request)
Services During Construction	\$ 6,800,000.00 (Future Mod Request)
Contract Total	\$46,532,936.00

Detailed costs for *Final Construction Services* have not been determined at this time. Requests for contract modifications for these services will be requested at a 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. City Project Manager and associated staff reviewed and approved these cost summaries.