

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> |
|------------------------------|---------------------------|-------------------|---------------|
| URS Corporation - Ohio | 34-0939859 - 7/28/13 | Columbus, OH | MAJ |
| Arcadis (fka Malcolm Pirnie) | 57-0373224 - 8/25/13 | Columbus, OH | MAJ |

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

Requests for Proposals (RFPs) were received June 18, 2001.

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

URS ranked highest followed by Arcadis (formerly Malcolm Pirnie)

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

URS Corporation - Ohio
277 West Nationwide Boulevard
Columbus, OH 43215-2566
Steve Henson (614) 464-4500

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 original contract for the South Wellfield Expansion provided for engineering design and construction administration services for the expansion of the well fields serving the Parsons Avenue Water Plant. Upon initiating detailed design it became necessary to increase the project scope and fee for additional services associated with test drilling, additional monitoring well installations and miscellaneous design changes to the collector well structures, these items were included in the first contract modification.

The first contract modification also increased the project scope and fee to undertake water supply / master planning efforts associated with the sand and gravel operations currently underway along the west side of US 23 and south of Interstate Route 270 to develop both short-term and long-range plans to address related impacts. The first modification provided for additional engineering design for the master planning efforts.

The second contract modification was to extend the contract completion date for the original scope of work, and to adjust wage rates for the years from 2006 to 2008, to account for the time lapse during Modification 1. In addition, the collector wells and vertical wells projects will now be bid and constructed as separate projects (5 separate construction contracts) in lieu of the originally anticipated 3 separate contracts. Engineering fees for Construction Administration / Construction Inspection were adjusted accordingly with this contract modification.

This current modification (No. 3) is for additional design and engineering services during construction which were due to changed site conditions, or not included in the original scope of services, including evaluation of the impacts of the new well installations at PAWP on

private residential wells in the area, to provide limited construction testing services, to update the City's Wellfield Protection Plan Map to include the new wells and changes in mining operation at the nearby Olen quarry, for collection and inclusion of new asset data in the City's WAM system, and to increase wage rates due to account for the project time delay.

A future contract modification will be required to complete the plans and specifications for the remainder of the wells to be constructed in Pickaway County, and the engineering services during construction when they are built. This project has been shifted out several years due to reductions in projected water demand.

6. An updated contract timeline to contract completion.

Collector Well 106 and Pumphouse was bid in September 2011, with a Notice to Proceed expected in December 2011. Construction is expected to last through March 2013. A contract modification will be required to complete bid document preparation and to perform engineering services during construction for the remainder of the wells to be built in Pickaway County, currently scheduled for 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 Parsons Avenue Water Plant (PAWP) service area. The PAWP is an essential and integral component in the Columbus area water supply and treatment infrastructure. Adequate supply of water is essential to economic growth and development.

This project was developed as a result of the Water Beyond 2000 plan. Water Beyond 2000 included extensive public meetings and notifications. There were specific meetings related to the South Wellfield Expansion of which this project is a component.

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 (1077-2004, EL004639) provided for additional services associated with test drilling, additional monitoring well installations and miscellaneous design changes to the collector well structures. The first contract modification also increased the project scope and fee to undertake water supply/master planning efforts associated with the sand and gravel operations currently underway along the west side of US 23 and south of Interstate Route 270 to develop both short-term and long-range plans to address related impacts.

Modification No. 2 (1833-2006, EL006781) extended the contract completion date for the original scope of work, and increased wage rates to account for the project time delay during Modification 1. In addition the collector wells and vertical wells projects will now be bid and constructed as separate projects (5 separate construction contracts) in lieu of the originally anticipated 3 separate contracts.

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.)

Current modification is for additional design and engineering services during construction which were outside the previous scope of work or due to changed site conditions, evaluate the impacts of the new well installations at PAWP on private residential wells in the area, to provide some construction testing services, to update the City's Wellfield Protection Plan

Map to include the new wells and changes in mining operation at the nearby Olen quarry, for collection and inclusion of new asset data in the City's WAM system, and to increase wage rates to account for the project time delay.

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.)

The original contract and modifications focused on the design of these new water sources, with updates due to changing conditions and demands, and associated paperwork and reporting that came out of various changes. As the project progressed, the individual well design and construction were broken up for strategic implementation, which meant that designs had to be packaged, bid and managed during construction separately, which caused additional work and increased schedules. Other items were not included in the original scope, such as the impact the construction of the wells might have on residential well operation, which requires testing and monitoring of the residential wells during startup and operation. The Wellfield Protection Plan Map also needs to be updated to include the new wells, along with the implementation of the City's CMMS system for asset monitoring.

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 plans as well as has been the main point of contact for all involved regulatory agencies. They have also provided engineering services through the construction of one collector well, and the knowledge and experience gained through this project will be of great benefit when a similar well is constructed at Site 106. Bidding the work to another consultant will further delay the project and will probably result in higher costs due to bringing the new consultant up to speed on the project.

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:

| | |
|---|---------------------|
| Original contract amount | \$1,210,000.00 |
| Modification No.1 | \$422,592.00 |
| Modification No.2 | \$153,130.00 |
| Modification No. 3 (current) | \$238,349.00 |
| <u>Future Modification No. 4 (2016)</u> | <u>\$400,000.00</u> |
| New contract amount | \$2,424,071.00 |

13. An explanation of how the cost of the modification was determined.

The Consultant prepared a detailed estimate of cost per task for remaining scope of work, broken down by project phase. The Consultant also prepared a cost for all work that was performed outside the original scope of work. City Project management staff reviewed and approved these cost summaries.