

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>
Camp Dresser McKee	04-2473650 : 5/23/2014	Columbus, OH	MAJ
CH2M Hill Engineers	32-0100027 : 2/25/2013	Columbus, OH	MAJ
HDR Engineering	47-0680568 : 6/23/2012	Columbus, OH	MAJ
Arcadis US (fka Malcolm Pirnie)	57-0373224 : 8/25/2013	Columbus, OH	MAJ

Note: All 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 (RFP) were opened February 16, 2007.

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

1. CH2M Hill
2. Malcolm Pirnie (now Arcadis US)
3. Camp Dresser McKee
4. HDR Engineering, Inc.

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

CH2M Hill Engineers, Inc. (fka CH2M Hill, Inc.)
1103 Schrock Road, Suite 400
Columbus, Ohio 43229
Lisa A Gourley, PE
614.825.6725
Contract #EL007318 (Ord #1073-2007)

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.**

This project entails professional consulting/engineering services to provide full-service assistance to the City to evaluate options and design an upgrade to Parsons Avenue Water Plant (PAWP) to reliably treat 30 MGD of ground water under the direct influence of surface water (GWUDI). The selected professional service firm will prepare technical reports of evaluation findings and make recommendations for improvements and/or alterations to the physical facilities and treatment processes, prepare construction documents for the selected design, and perform contract administration services. In addition, the project shall evaluate and design an upgrade to replace existing plant electrical service, including the electrical switch gear for the plant upgrade. This shall also include electrical monitoring and/or conditioning of incoming power to the PAWP. Also, the consultant shall make recommendations on whether to bid the electrical upgrades as a separate contract or as a combined project with the GWUDI plant upgrades. In addition, under a future contract modification, the Consultant shall perform Engineering Services During Construction for the

plant upgrade and electrical improvements construction, in concert with the firm contracted to perform Professional Construction Management services.

6. An updated contract timeline to contract completion.

This modification will complete the detailed design and bidding portion of the project, which is expected to be completed in 18 months following the Notice to Proceed. Engineering Services during Construction will continue through the construction period under a future contract modification.

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 regulatory requirements for the Parsons Avenue Water Plant (PAWP). The PAWP is an essential and integral component in the Columbus area water supply and treatment infrastructure. Adequate safe supply of water is essential to economic growth and development.

Public informational meetings are not anticipated for this project, all proposed work should be within the boundaries of the water treatment facility. Regulatory agencies will be notified of the proposed work as appropriate.

The consultant team has identified a commitment to the Mayor's Green Initiative in their business practices. Upgrades to the electrical systems at the plant will be evaluated for increased efficiency and reduced energy consumption.

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 #1 (1030-2011, EL012078, \$275,000) allowed for completion of the Preliminary Engineering Report, including finalization of a series of Technical Memorandums which summarized the findings throughout the preliminary investigation into plant upgrades.

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 original contract entailed tasks identified as Preliminary Engineering, including Bench-Scale Demonstration and Microbial Studies which will be compiled into a Preliminary Engineering Report.

Modification #1 was to update the project direction based on source water quality, current and proposed regulations, and existing plant conditions, and to finalize the Preliminary Engineering Report, develop design alternatives and cost estimates.

This planned modification will take the contract through the final detailed design of the plant upgrades and bidding. It will include 30%, 60% and 90% design submittals and review meetings, Value Engineering, regulatory submittals, a geotechnical investigation, a Full-Scale Microbial Demonstration Study as necessary, and bidding services. Engineering Services During Construction will be funded thru a future planned modification.

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 as indicated in the original authorizing legislation (Ord #1073-2007) and the first contract modification (Ord #1030-2011). This modification will fund the completion of the Final Detailed Design and Bidding Services. Note there is an additional future planned modification as indicated in item 9 above.

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 consultant team is very familiar with the details of the project and has performed a multitude of tests, prepared a series of reports and documentation detailing their findings and recommendations, and have compiled the Preliminary Design Report. This contract was anticipated to be funded in phases as indicated on the original authorized legislation. The process of selecting and contracting with a new consultant team at this time and having them start with data and reports prepared by another consultant would further delay the project and the design of major upgrades that will help the plant provide reliable service and preparedness for future regulatory changes or updates.

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	\$1,740,400.00
Modification #1	\$275,000.00
Modification #2(current request)	\$5,950,000.00
Current new contract amount	\$7,965,400.00
Future Mod for Engineering Services During Const.	\$2,000,000.00
Future anticipated total contract amount	\$9,965,400.00

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

The Consultant prepared an estimate of cost for the remaining scope of work based on a series of meetings and defined task list. City Project management staff reviewed, provided input into the scope and the fees, and approved this cost proposal.