

**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>
A. CH2M Hill, Inc. (now CH2M Hill Engineers, Inc.)   Columbus, OH   MAJ	320100027   02/25/2013		
B. DLZ, Inc. (now DLZ Ohio, Inc.)   Columbus, OH   MAJ	311268980   02/22/2013		

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

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

1. CH2M Hill Engineers, Inc.
2. DLZ Ohio, Inc.

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, Columbus, Ohio 43229  
Contact: Lisa Gourley, P.E., (614) 888-3100  
Contract No. EL007225

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 is a contract for professional engineering design services and services during construction (Design Professional, or "DP" services). This contract provided engineering services for the SWWTP Thickening Improvements and Additional Renovations. This contract implemented improvements for one of the wastewater plants construction projects in the City's Wet Weather Management Plan (WWMP) program.

The first phase of the project, Contract S75, Incinerator Building – North and Selective Demolition was performed at the SWWTP and the Compost Facility and includes:

1. SWWTP: Demolition of the Incinerator Building – North and preparation of the site for the construction of the second phase of project construction, Contract S76, Sludge Thickening Improvements and Additional Renovations.
2. Compost Facility: Selective demolition of elements of the Solar Drying Building, Screening Area, and Storage Buildings.

The second phase of the project, Contract S76, Sludge Thickening Improvements and Additional Renovations was performed at the SWWTP and the Compost Facility and includes:

1. SWWTP: Demolition of existing thickening centrifuge equipment, architectural renovations to the existing Centrifuge Thickening Building to reconfigure it as the new Thickening Facility East, structural and architectural construction of a new Thickening Facility West on the foundation of the existing Incinerator Building – North, installation of new thickening centrifuges, installation of a new polymer storage/transfer/feed system and associated appurtenances.
2. Compost Facility: Solar Building structural modifications.

The third phase of the project is included under Contract J216, Jackson Pike Wastewater Treatment Plant (JPWWTP) Polymer System Renovations. The existing polymer systems at Jackson Pike are deficient and in need of replacement. This specialized work is being performed by this Design Professional, because the systems at Southerly, which were designed by this DP, are reliable and will be mirrored at Jackson Pike. The preliminary and detailed design have been completed.

The J216 work consists of

1. Decommissioning of the existing polymer system including the bulk polymer storage tanks, load cells, blending system, and the polymer blending units for the dewatering and thickening centrifuges.
2. Providing a new polymer feed system consisting of polymer storage tanks and mixing system, polymer blending units, polymer aging tanks, and polymer solution feed pumps for the dewatering and thickening centrifuges.
3. Providing flushing water filtration equipment for the polymer blending units.
4. Repairs to existing floor drains to provide adequate service in the polymer area.
5. Replacing an existing floor hatch in the Sludge Pit Area to withstand vehicle loading from motorized plant equipment.
6. Decommissioning of an underground fuel oil storage tank.
7. Providing spill control measures at the plant's fueling station.

The actual emplacement of the work will be by construction contract. This engineering contract provides detailed design and bidding assistance, along with construction-phase engineering, start-up and commissioning assistance, and record documentation preparation. Construction Management services are being performed by others.

All engineering design services have been completed for all three phases of this project. Construction is completed for both the first and second phases.

#### **6. An updated contract timeline to contract completion.**

The Professional Program Manager (PPM) for the Wet Weather Management Program, 2006 – 2010 and their team initiated work on the draft Detailed Design Memorandum (DDM) in November, 2006. The DDM was completed and submitted to the City on May 1, 2007. In June, 2007, CH2M Hill proceeded with Detailed Design services for SWWTP Thickening Improvements and work at the Compost Facility.

In December 2007, the City and the PPM requested the project's construction work be separated into two separate contracts, S75 and S76.

The design for S75 was completed and the construction contract bids were received on April 30, 2008. The construction contract Notice to Proceed (NTP) was issued on July 28, 2008. Construction is completed and the contract is closed out.

The design for S76 was completed and the construction contract bids were received on July 30, 2008. The construction contract Notice to Proceed (NTP) was issued on October 22, 2008. Construction is completed and the contract is closed out.

The Scope of Services for Modification No. 2 included a JPWWTP Sludge Thickening System Study. The report for this study was submitted to the City on March 31, 2008. This report provided the preliminary design for needed corrections to the polymer system deficiencies. The detailed design for J216, JPWWTP Polymer System Renovations is completed and the construction contract bids were received on November 20, 2013. The construction work will be placed under contract as soon as possible and the construction services will commence.

CH2M Hill's services will continue beyond completion of construction to provide "as-built" record drawings of the constructed facilities.

**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.**

The new polymer system equipment being designed will reduce maintenance problems and costs. Environmental Factors included in this project are the removal of an Underground Fuel Oil Storage Tank and providing spill control measures at the facility's fueling station. No community outreach factors are considered for this project.

**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.)**

ORIGINAL CONTRACT: \$1,400,000.00 (EL007225)

Funding provided estimated to be needed for Preliminary Design (Step 1) and Detailed Design (Step 2) including bidding assistance for the project.

MODIFICATION NO. 1: \$2,572,000.00 (EL007423)

This modification provided \$2,572,000.00 of funding for additional for Step 2 - Detailed Design services.

MODIFICATION NO. 2: \$4,688,327.00 (EL008436)

This modification provided \$1,574,000.00 of funding for additional Detailed Design services that became necessary in the course of the design development, \$403,441.00 of funding for Services During Construction and Commissioning tasks for Contract S75 and \$2,710,886.00 of funding for Services During Construction and Commissioning tasks for Contract S76.

MODIFICATION NO. 3: \$250,000.00 (EL009396)

This modification provided \$250,000.00 of funding for Detailed Design services for Contract J216.

MODIFICATION NO. 4: \$1,419,870.00 (EL011545)

This modification provided funding for additional construction-phase engineering services and commissioning assistance tasks that became necessary during the course of construction for Contract S76.

MODIFICATION NO. 5: \$330,423.00

This modification provided \$330,423.00 of funding for additional Detailed Design services that became necessary in the course of the design development for Contract J216.

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.)**

PROPOSED MODIFICATION NO. 6: \$622,566.00

This modification provides \$73,321.00 of funding for additional Detailed Design Services for Contract J216 that became necessary during completion of the design. This modification also provides \$549,245.00 of funding for Services During Construction and Commissioning tasks for Contract J216.

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 Contract Modification No. 6 is a planned modification and is a continuation of the services included within the existing contract's scope of services. It is a planned continuation of the services included within contract Modification No. 3's information accompanying the legislation. This contract modification also includes additional Detailed Design Services that became necessary during completion of the design.

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 funding provided by this contract modification is for continuation of the existing work of the contract. It is not reasonable or cost effective to undertake a new procurement to acquire these services.

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.**

Original Contract	\$1,400,000.00
Modification No. 1	\$2,572,000.00
Modification No. 2	\$4,688,327.00
Modification No. 3	\$ 250,000.00
Modification No. 4	\$1,419,870.00
Modification No. 5	\$ 330,423.00
Proposed Modification No. 6	<u>\$ 622,566.00</u>
CURRENT PROPOSED TOTAL	\$11,283,186.00

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

A cost proposal was provided by CH2M Hill, Inc. and reviewed by the Division of Sewerage and Drainage and was deemed acceptable.

**14. Sub-Consultants identified to work on this contract, their contract compliance no. & expiration date, and their status (NPO, MAJ, MBE, FBE, HL1, AS1, or MBR):**

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>Status</u>
1) 360water, Inc.	31-1704111 / 5/28/15	FBE
2) CE Power Solutions of Ohio, LLC	31-1732597 / 9/9/15	MAJ

**15. Scope of work for each subcontractor and their estimate of dollar value to be paid.**

- 1) 360water, Inc.
  - a) Scope of Work: Online M&O Training Materials & Services
  - b) Amount: \$33,092.00
- 2) CE Power Solutions of Ohio, LLC
  - a) Scope of Work: Arc Flash Study
  - b) Amount: \$4,995.00

Note: The Contract should be considered to include any and all work that is anticipated to be awarded to the company awarded the original contract throughout the contract/project timeline. This includes the original contract and any and all future anticipated modifications to the contract to complete the contract/project.

Updated as of 4-10-10