

**Information to be included in all Legislation Modifying a Contract:**

1. **The names, location by City/State and status of all companies submitting a competitive bid or submitting an RFP or RFSQ for the original contract.**

<u>Name</u>	<u>City/State</u>	<u>Majority/MBE/FBE</u>
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A. CH2MHill, Inc. | Columbus, OH | Majority

B. DLZ | Columbus, OH | Majority

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

CH2MHill, Inc., 1103 Schrock Road, Columbus, Ohio 43229

Contact: Dennis F. Tinkler, P.E., (614) 888-3100

Contract No. EL007225

3. **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) for one of the key, time-critical wastewater plants construction projects in the City’s Wet Weather Management Plan (WWMP) program, for the period through 2010. The work in that program is a very substantial group of sewer capital improvement projects (CIPs), both collections systems and treatment works improvements, which have been agreed to by the City and Ohio EPA in order to conform to the requirements of the City’s consent orders. The WWMP projects at the Southerly Wastewater Treatment Plant (SWWTP) will increase the plant’s wet weather treatment capacity to 330 million gallons per day.

This Contract with CH2M Hill provides engineering services for the SWWTP Thickening Improvements and Additional Renovations, Project No. 650359. This contract will implement improvements to the sludge thickening process for both the waste activated and primary sludges.

The proposed contract modification provides funding for additional tasks requiring detailed engineering design services, for preparation of construction documents for the two phases of this project and for Services During Construction of both project phases, Contract S75 and Contract S76.

The S75 construction contract, the first phase of the project, Incinerator Building – North and Selective Demolition is at the SWWTP and the Compost Facility. This contract Work consists of:

1. SWWTP - Demolition of the Incinerator Building – North, that has exceeded its useful life, selective demolition of process equipment and building elements of adjacent structures, demolition of associated site work, modification and temporary installations of process systems to maintain operation during construction, and abatement and remediation of hazardous materials encountered during construction. The Work is being

performed to prepare the site for the construction of the second phase of project construction, Contract S76, Sludge Thickening Improvements and Additional Renovations.

2. Compost Facility – Removal of process equipment and building elements in the Solar Drying Building, Screening Area and Storage Buildings, the replacement of building siding to close openings, pavement repair, and abatement and remediation of hazardous materials encountered during construction.

The S76 construction contract, the second phase of the project, Sludge Thickening Improvements and Additional Renovations is at the SWWTP and the Compost Facility. This contract Work consists of:

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, complete with all related support equipment, electrical, instrumentation, and controls and appurtenances, installation of a new polymer storage/transfer/feed system, modifications to the existing polymer preparation system, construction of new sludge wells and centrate piping discharge, construction of new Skimmings Concentrator and associated process equipment, construction of a new Skimmings Dumpster Room, demolition of existing gravity thickening equipment, abatement and remediation of hazardous materials, miscellaneous architectural, mechanical and electrical modifications and improvements, site modifications and improvements.
2. Compost Facility: Solar Building structural modifications.

The actual emplacement of the designed work will be by construction contract; this DP contract will provide: preliminary design, detailed design, bidding assistance, construction-phase engineering, start-up and commissioning assistance, record documentation preparation assistance, and other services for this large project, as directed by the City. Construction Management services are being performed by others

All engineering design services have been completed for the first phase of this project and the construction of this contract is ready to proceed. The engineering design services for the second phase of this project are in progress and the construction contract for this phase is scheduled to bid in July 2008. This contract modification also includes the construction-phase engineering, start-up and commissioning assistance, record documentation preparation assistance for the second phase.

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

As part of the Professional Program Manager's (PPM) scope of services for the capital improvement projects included in the Wet Weather Management Program, 2006 – 2010, the PPM 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.

With the approval of Modification No. 1, CH2M Hill proceeded with the Detailed Design services in September, 2007. In December 2007, the City and the PPM requested the project's construction work be separated into two separate contracts, S75 and S76. The Work

in S75 is being performed to prepare the Southerly site for the construction of the second phase of project construction, Contract S76, Sludge Thickening Improvements and Additional Renovations.

The design for S75 was completed and the construction contract bids were received on April 30, 2008. Bidding assistance services were performed. The construction work will be placed under contract as soon as possible after bids are received, and the construction engineering services will commence; all of these begin the next stage of this contract's work. The design for S76 is in progress and the contract is scheduled to bid in July 2008. The second phase construction work will be placed under contract as soon as possible after bids are received, and the construction engineering services will commence, beginning the next stage of this contract's work. The project construction work, commissioning, and closeout work will end the construction phase of these contracts. However, CH2M Hill's services will continue beyond completion of construction to provide "as-built" record drawings of the constructed facilities.

**5. 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 August 23, 2007)

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 November 7, 2007)

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

PROPOSED MODIFICATION NO. 2: \$4,688,327.00

This modification provides \$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.

**6. 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.)**

This contract is being incrementally funded through the use of modifications. This modification will provide funding for additional detailed design services, construction-phase engineering, start-up and commissioning assistance, record documentation preparation assistance and other services for this large project, as directed by the City.

**7. 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. 2 was planned and anticipated, and so stated in the original contract's legislation. It is a planned continuation of the services originally included within the existing contract's scope of service.

8. **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.)**

In so much as the majority of this work was planned for and anticipated within the original procurement, and due to the highly complex and technical nature of this wastewater treatment plant infrastructure, it is not reasonable or cost efficient to undertake a new procurement effort to acquire these services.

9. **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
Proposed Modification No. 2	<u>\$4,688,327.00</u>
CURRENT PROPOSED TOTAL	\$8,660,327.00

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

The cost of this contract modification is consistent with the direct labor, overhead, and profit rates established within the original proposal. The estimate of the quantity of labor required to complete the remaining scope of services is within the anticipated level of funding originally forecast.

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.

7-20-07