

**INFORMATION REQUIRED TO ACCOMPANY
LEGISLATION MODIFYING CONTRACTS**

ORDINANCE NO. 1665-2005

**MODIFICATION NO. 4 TO CONTRACT FOR
PROFESSIONAL SERVICES**

**SOUTHERLY WASTEWATER TREATMENT PLANT
SLUDGE DEWATERING AND MISCELLANEOUS IMPROVEMENTS
PROJECT NO. 650349**

1. Names of all companies bidding or submitting an RFP or RFSQ for the original contract

Companies submitting an RFSQ:

- A. BBS Corporation (now acquired by CH2M Hill)
- B. Beling Consultants
- C. Black & Veatch Ltd. of Ohio
- D. Burgess & Niple, Ltd.
- E. Dodson-Stilson, Inc.
- F. Metcalf & Eddy of Ohio, Inc.

Companies that were selected and requested to submit, and did submit, a Technical Proposal (RFP):

- A. BBS Corporation (now acquired by CH2M Hill)
- B. Burgess & Niple, Ltd.
- C. Dodson Stilson, Inc.

2. The location by City and State of all companies bidding or submitting an RFP or RFSQ for the original contract

- A. BBS Corporation (now acquired by CH2M Hill), Columbus, Ohio
- B. Beling Consultants, Columbus, Ohio
- C. Black & Veatch Ltd. of Ohio, Columbus, Ohio
- D. Burgess & Niple, Ltd., Columbus, Ohio
- E. Dodson-Stilson, Inc., Columbus, Ohio
- F. Metcalf & Eddy of Ohio, Inc., Columbus, Ohio

3. The status, Majority, MBE or FBE, of all companies bidding or submitting an RFP or RFSQ for the original contract

- A. BBS Corporation (now acquired by CH2M Hill), a Majority enterprise
- B. Beling Consultants, a Majority enterprise
- C. Black & Veatch Ltd. of Ohio, a Majority enterprise
- D. Burgess & Niple, Ltd., a Majority enterprise
- E. Dodson-Stilson, Inc., a Majority enterprise
- F. Metcalf & Eddy of Ohio, Inc., a Majority enterprise

4. **The name and location of the firm awarded the original contract and the Contract Number**

BBS Corporation (now acquired by CH2M Hill), 1103 Schrock Road, Columbus, Ohio 43229
EL000206 (March 15, 2000)

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 Contract with BBS Corporation, now acquired by CH2M Hill and so referred to hereafter, provides engineering services for the Southerly Wastewater Treatment Plant Sludge Dewatering and Miscellaneous Improvements, Project No. 650349. Project improvements were initially determined to be built under two separately bid construction contracts, one for demolition of the membrane filter press equipment and one for the installation of the dewatering centrifuges. These proposed contracts were combined into one construction contract, S64 - Sludge Dewatering and Miscellaneous Improvements. The construction contract is to prepare the Sludge Conditioning Building for the installation of the new dewatering centrifuges by removing the existing membrane filter press equipment and controls, renovate and recondition the Sludge Conditioning Building for the new high-solids sludge dewatering centrifuges, and install these centrifuges, along with the associated chemical storage and feed system, odor control provisions, pumps, piping, valving, and electrical, instrumentation and control equipment. With this change in operation, the building is renamed the Sludge Dewatering Building.

The engineering services provided by CH2M Hill are being accomplished in three Steps for the construction contract, as follows:

Step 1 - **Preliminary Design** services begin with an investigation and evaluation of the existing facilities' records, function and condition; an investigation of process technology and available equipment; and an evaluation of the present and future needs of the City in regard to the planned improvement. A detailed report is developed that describes the investigative efforts, provides a general plan for project improvements that includes viable alternatives, and provides recommendations for the City's consideration and determination of project direction.

Step 2 – **Detailed Design** services provide for development of a facility design that is detailed in written specifications and drawings for bidding the construction work of the Project, development of estimates of project cost and duration, and assistance with bid solicitation and evaluation.

Step 3 – **Services During Construction** provide for assistance to the City during project construction of project improvements.

Technical and Field Project Representation Services include providing interpretations and clarifications of the construction documents, responding to contractor's inquiries, reviewing and approving the contractor's submitted documents, designing and documenting needed changes to the construction work, observing and verifying construction work, providing evaluations and recommendations on the acceptability of the contractor's work, control equipment software programming, observing facility testing and startup, providing training for plant operations and maintenance personnel, providing manuals for facility operation, and revising drawings of the facility to represent it as actually constructed.

Construction Management provides for administration of the project as the City's representative to the construction contractor and generally consists of maintaining and communicating project information, verifying the contractor's compliance with required

schedules, verifying the contractor's payment requests, evaluating and negotiating proposed changes in the construction work, providing materials testing, conducting and recording project meetings, coordinating construction work with the plant operations, coordinating quality control verification work, obtaining maintenance and warranty documentation from the construction contractor, and reporting of project progress to the City.

CH2M Hill is performing Technical and Field Project Representation Services for this construction contract. Construction Management services are being performed by others.

Engineering Services Progress:

All Preliminary Design and Detailed Design services are complete for this project phase. Services During Construction are underway and nearing completion. This is a final modification for this contract, as no other modifications are planned at this time.

6. An updated contract timeline to contract completion.

The Preliminary Design (Step 1) work was started on March 31, 2000. CH2M Hill proceeded to investigate available process technology, investigate existing facility conditions, and develop a general plan for the project improvements. The investigative efforts, alternatives, general plan and recommendation for project improvements were summarized in the Detailed Design Memorandum (DDM). The DDM was submitted to the City on March 2, 2001.

CH2M Hill proceeded with Detailed Design services (Step 2) for Contract S64. The design was completed and the construction contract was bid on July 10, 2002. The contract was awarded and the Notice to Proceed was issued on February 11, 2003. Construction is completed. CH2M Hill's Services During Construction are completed.

7. 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: \$756,113.00 (EL000206 March 15, 2000)

Funding provided for Preliminary Design (Step 1) services for all project contracts and Detailed Design (Step 2) services for demolition of the membrane filter press equipment.

MODIFICATION NO. 1: \$1,795,089.00 (EL001052 February 6, 2003)

Funding provided for Detailed Design (Step 2) services.

MODIFICATION NO. 2: \$968,325.00 (EL003162 February 5, 2003)

Funding provided for Services During Construction (Step 3) tasks estimated to be needed.

MODIFICATION NO. 3: \$219,452.00 (EL005494 September 1, 2005)

Funding provided for additional Services During Construction (Step 3) tasks.

8. 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. 4: \$24,000.00

This modification provides \$24,000.00 of additional funding for an additional Step 3 - Services During Construction task for Contract S64. The additional work is for classroom training for plant maintenance personnel on the constructed facilities.

9. 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.)

Treatment plant maintenance personnel have requested training for its staff on the sludge centrifuge process operation and coordination with other plant processes. This type of training has not typically been provided for other plant improvements projects and is in addition to the usual equipment training.

10. 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 deemed either feasible or reasonable to suspend work with the entity currently under contract, and undertake continuation of the work under a new procurement. The lengthy process for initiating a new procurement, and for a new entity to gain understanding of the project, would likely cause an unacceptable project delay and additional cost.

11. 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	\$ 756,113.00
Modification No. 1	\$1,795,089.00
Modification No. 2	\$ 968,325.00
Modification No. 3	\$ 219,452.00
Proposed Modification No. 4	<u>\$ 24,000.00</u>
CURRENT PROPOSED TOTAL	\$3,762,979.00