

**INFORMATION REQUIRED TO ACCOMPANY  
LEGISLATION AUTHORIZING A CONTRACT**

**ORDINANCE NO. 2300-2006**

**MODIFICATION NO. 2 TO CONTRACT FOR  
PROFESSIONAL SERVICES**

**SOUTHERLY WASTEWATER TREATMENT PLANT  
NEW HEADWORKS  
PROJECT NO. 650352**

**PROCUREMENT BY REQUEST FOR PROPOSAL (RFP) PROCESS**

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1. **Names, locations, and business status of all entities submitting an RFP or RFSQ for the original contract:**
  - A. Construction Dynamics Group, 9861 Broken Land Parkway, Suite 254, Columbia, Maryland 21046, Majority / Burgess & Niple, Ltd., 5085 Reed Road, Columbus, Ohio 43220, Majority
  - B. Gannett Fleming Engineers and Architects, P.C., 4151 Executive Parkway, Suite 350, Westerville, Ohio 43081, Majority
  - C. H.R. Gray & Associates, Inc., 1335 Dublin Road, Suite 100-B, Columbus, Ohio 43215, Majority
  - D. Parsons Brinckerhoff Construction Services, Inc., 6235 Enterprise Court, Dublin, Ohio 43016, Majority
  
2. **Scope of Work to be performed:** The Contract with H.R. Gray & Associates, Inc. provides professional construction management services for the Southerly Wastewater Treatment Plant New Headworks, Project No. 650352 for construction contracts S65, S67 and other affected contracts. The construction contract designations and purpose are:

**Contract S65 – Raw Sewage Pump Building**

Provides for the construction of a raw sewage pump building with pumps, mechanically cleaned bar racks, associated equipment and building systems, piping and site work. Construction on this contract is in progress.

**Contract S67 – Screen & Grit Facilities**

Provides for the construction of a screen and grit facility with perforated panel screens, grit removal tanks, odor control facility and associated equipment and building systems. Construction on this contract is in progress.

The professional construction management services provided by H.R. Gray & Associates, Inc. for each of the construction contracts are as follows:

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.

It is planned that this contract will be modified to provide needed monies if necessary for any anomalies in the work which may become evident as the work progresses and for other affected contracts.

3. **Schedule to Program completion; "phasing":** The Contract Notice to Proceed was issued February 2, 2005. Construction on the New Headworks at the City of Columbus' Southerly Wastewater Treatment Plant is proceeding on a very tight schedule, in order to meet the City's commitment to Ohio EPA as to the operational date for the new headworks facilities. These facilities are required facilities under the City's Consent Decrees with Ohio EPA, and have been included in the City's Wet Weather Management Plan, submitted to the agency on July 1, 2005, as scheduled. Final Completion of construction is scheduled for February 19, 2008.

4. **Estimated Costs over the full contract period:**

ORIGINAL CONTRACT: \$3,064,574.00 (EL005074 January 26, 2005)

Funding provided for professional construction management services for Construction Contract S65.

MODIFICATION NO. 1: \$2,254,823.00 (EL005303 May 10, 2005)

Funding provided for professional construction management services for Construction Contract S67.

PROPOSED MODIFICATION NO. 2: \$2,872,864.00

In June, 2004, and again with greater severity in January, 2005, flooding of the Scioto River at the project site flooded the Contract S65 excavation and substantially delayed the construction. The January, 2005 flood was part of a regional disaster declared by the Federal Emergency Management Agency (FEMA), and very nearly caused the destruction of the Southerly plant's principal influent sewer, the Big Walnut Outfall (BWO).

Emergency work was focused on the BWO during and after the January, 2005 flood. In addition to this emergency work, it is necessary to forestall additional possible flooding during the construction period, by providing both increased dewatering effort, and actual floodproofing which was not required in the specifications as bid. The severity of the wet weather events and site flooding experienced was above and beyond levels previously experienced or predicted. The originally-stipulated schedule dates for the S65 project must be recovered in order to honor the City's commitments to Ohio EPA. This recovery effort is necessary and expensive.

Proper project management of this project necessitates additional funding be provided, in order to allow the processing of change orders which are incident to all large construction projects and to properly monitor the contractor's schedule recovery efforts.

This modification is a result of the January 2005 flood event at the Southerly Wastewater Plant, New Headwork site and the Contractor's claim for additional dewatering costs. This modification is for additional Construction Management services required to properly monitor the contractor's schedule recovery efforts, evaluate the merits of the Contractor's site dewatering claim, and evaluate the construction of a site flood

protection levee and the stabilization alternatives for the Big Walnut Outfall Sewer. A supplemental loan for these purposes has been received from the Ohio Water Pollution Control Fund. This modification provides \$2,872,864.00 of funding for this task.

Original Contract	\$3,064,574.00
Modification No. 1	\$2,254,823.00
Proposed Modification No. 2	\$2,872,864.00
Future Anticipated Needs	<u>\$ 0.00</u>
CURRENT PROPOSED TOTAL	\$8,192,261.00