

**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. Burgess & Niple, Inc.	310885550   11/26/2012	Columbus, Ohio	MAJ
B. Chester Engineers, Inc.	202401674   05/01/2015	Columbus, Ohio	MBE
C. Stantec Consulting Services, Inc.	112167170   12/20/2012	Columbus, Ohio	MAJ

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

Requests for Proposals (RFP's) were opened on: July 15, 2013.

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

1. Chester Engineers, Inc. (Now Hatch Chester)
2. Stantec Consulting Services, Inc.
3. Burgess & Niple, Inc.

4. **Complete address, contact name, phone number, and e-mail address for the successful bidder only.**

Hatch Chester, 88 E. Broad Street, Suite 1980, Columbus, OH 43215

Contact: Hasan Alkhayri, P.E., 614-224-4419

hasan.alkhayri@hatch.com

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 planning area should also be listed as well as any street or neighborhood names.**

The original intent of this project was design of a full restoration of the Whittier Street Storm Tanks and control house. This facility was built in the 1930s and much of the electrical and mechanical equipment is failed, failing, or obsolete. The scope of necessary construction work has since changed.

This modification will provide additional detailed design work necessary to perform edits and deletions within the 95% bid documents, to reflect the new scope of work. This modification will include detailed design work, bid package development, and assistance with bidding and advertisement.

There will be an additional planned renewal for services during construction.

At the conclusion of Detailed Design, a separate construction contract will be competitively bid and awarded.

The facility is located in: Planning Area #22 Near South

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

The Notice to Proceed for preliminary design was issued January 23, 2014. After the preliminary design stage was completed, a modification for detailed design work was issued February 2, 2015.

This modification will revise the detailed design scope of work, and will allow for redesign to begin in 4<sup>th</sup> quarter 2018. Detailed design is expected to be complete by third quarter 2019. A renewal for services during construction is planned in third quarter 2019 and the consultant contract will progress through the duration of construction. The construction project is expected to be completed by fourth quarter of 2021.

**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 will extend the life and functionality of the Whittier Street Control House, storm sewer control gates, and electrical system. The gates and actuators present at WSST facility are important to effective operations of the sewer system, OARS tunnel, and the wastewater treatment plants. The rehabilitation of the control house facility and equipment will ensure its continued reliable operation in control of the sewer system. Instrumentation and controls will be added to the sewer gates and weirs allowing for better control of the sewer system. This will help reduce the likelihood of CSOs, SSOs, and WIBs.

Economic and environmental advantages are the potential to reduce OARS pumping during dry weather, and the optimization of sewer storage and treatment during wet weather by use of the actuated sewer gates. The project will help Columbus meet its PTI requirements, while protecting the water quality of the river.

Revising the original scope of work and removing unnecessary design elements will provide the department an approximate savings of \$7,000,000.00 in construction costs. There is additional unquantified savings in operation and maintenance costs for the abandoned settling tanks and equipment.

**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: Preliminary Engineering	\$425,856.00
Modification No. 1: Detailed Design	\$1,079,585.00
Modification No. 2: Redesign	\$400,000.00

Modification 2 is for additional detailed design. There will be a future renewal for services during construction.

**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.)**

This modification will allow for redesign of the 95% drawings. New information allows the City to reduce the scope of work for the construction Contractor. This modification will include redesign, preparation of the contract documents, and assistance for bidding of the construction contract. A future renewal for services during construction will be needed.

**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.)**

In the original design for the OARS tunnel, the Whittier Street Storm Tanks were required to accommodate tunnel surge conditions. A new hydraulic model was recently developed that accounted for specific complex geometry within the OARS tunnel system, which the original modeling was unable to account for. The updated hydraulic model indicated that the settling tanks at the Whittier Street Storm Tank Facility are no longer needed. These results were only recently discovered and provided to the City, and could not have been anticipated during design.

The design work was completed to 95% detailed design. The original design scope contained full rehabilitation of the settling tanks and associated equipment. The settling tanks and related equipment are no longer required. The cost of the tank repairs is significant, and eliminating this portion of the construction work is expected to achieve an estimated capital cost savings of \$7,000,000.00 for the rehabilitation project.

A mechanical and electrical overhaul of some parts of the facility is still needed in order to maintain control of the sewer system and gates, so it is necessary to redesign the construction contract documents. A future capital project will be needed to fully demolish the remaining storm tanks and equipment. A future renewal of this contract will be needed for services during construction.

**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 current consultant has intricate knowledge about the facility and the 95% design. Editing the 95% design by the current Consultant will be more economical and efficient than a rebid of the project. A new consultant would need to perform significant duplication of efforts in order to become familiar with the work. Modification of the existing contract will also require less time to begin construction of the much needed facility improvements. It is in the City's best interest to maintain services with the current design professional to complete the design.

**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	\$425,856.00
Modification No. 1	\$1,079,585.00
Proposed Modification No 2 (current request)	\$400,000.00
Renewal No. 1 (estimated future request)	<u>\$1,320,000.00</u>
CURRENT PROPOSED TOTAL	\$3,225,441.00

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

The cost proposal was provided by Hatch Chester, reviewed by the Division of Sewerage, and Drainage and was deemed acceptable.

**14. Subconsultant information**

See Utilization Form