

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.**

Name	C.C. No./Exp. Date	City/State	Status
Burgess & Niple, Inc.	31-0885550 – 11/26/12	Columbus, OH	MAJ
CH2M Hill, Inc.	59-0918189 – 2/22/13	Columbus, OH	MAJ

Note: Both firms had MBE/FBE participation proposed for their project teams.

2. **What type of bidding process was used (ITB, RFP, RFSQ, Competitive Bid).**
Requests for Proposals (RFP's) were received on September 18, 2009 from Burgess & Niple and CH2M Hill Inc. Burgess and Niple was the firm selected to perform services for the original project.

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

1. Burgess and Niple, Inc.
2. CH2M Hill, Inc

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

Burgess & Niple, Inc.
5085 Reed Road
Columbus, OH 43220
Contact - Kenneth R. Davis, P.E. - President
Thomas W. Bell-Games, P.E. - Project Manager
Ph (614) 459-2050
EL010296 - original (Contract No. 1151, CIP No. 690430-100001)
EL012665 – Mod #1

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.**

Burgess and Niple, Inc. is in contract with the City for professional engineering services for the Hap Cremean Water Plant Treatment Improvements, Contract No. EL010296 (Contract No. 1151, CIP No. 690430-100001). The original contract, as well as Modification Number 1, included engineering services for preliminary and detailed design of additional treatment processes that were results of pilot studies conducted prior to design under Auditor's Contract EL006582 (Contract No. 1078, CIP No. 690430-100000).

This contract modification (No. 2) will be an extension of the detailed design services outlined in the scope of services for Auditor's Contract No. EL010296 (Contract No. 1151, CIP No. 690430-100001) and for engineering services during construction. A contract modification for construction services has been planned since the inception of the original contract and is referenced in the original contracting legislation Ordinance No. 0403-2010 as well as Modification Number 1 legislation Ordinance No. 0525-2012.

Modification No. 3 (future) will be required for the assembly of operations and maintenance data for entry into the City's computerized maintenance software system (WAM).

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

Activity	Date
Notice to Proceed for Construction	August 2012
Construction Substantial Completion	October 2015

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 is necessary to comply with new rules promulgated by the Ohio Environmental Protection Agency. The Hap Cremean Water Plant is an essential and integral component in the Columbus area water supply and treatment infrastructure. Adequate supply of water is essential to economic growth and development.

As this is a secure site on property owned by DPU, no community outreach or input was sought in the development of the project.

The consultant team selected has indicated a corporate philosophy of environmental conservation and sustainable business practices. Where practical, LEED practices will be implemented for the new building that will be constructed as part of 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.)**

Contract Modification 1 for \$452,000.00. Contract modification 1 was for additional detail design of improvements not anticipated during initial design contract scope preparation. Associated contract numbers are: Auditor's Contract No. EL012665, Contract No. 1151, CIP No. 690430-100001.

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.)**

Services to be performed as part of contract modification 2 are:

- 1) Additional detail design service
 - a. Design of a separate switching station (WSS)
 - b. Coordination of front end documents
 - c. Addition of an ice breaker blower
 - d. Process and structural design of serpentine walls in ozone contact tanks
 - e. HVAC control redesign, incorporating PLC-based controls
 - f. Relocation for electrical room for the filter building improvements and air scour blower equipment layout redesign
 - g. Redesign of filter control consoles with structural glazed facing tile to provide shelves around consoles
 - h. Washwater tank potable water connection changes
 - i. Filter design modifications
 - j. Review of 2006 asbestos report and incorporation of asbestos abatement into the drawings and specifications
 - k. Incorporation of LEED certification requirements into the design
 - l. Development of a risk register

- m. Changes in the Ozone Destruction Building (ODB) design and layout
- n. Redesign of the Ozone Production Building (OPB) roof design
- o. Design of waste cooling water discharge to head of plant

2) Service by the Design Professional during construction include:

- a. General Management and Administration. This activity is primarily for project management level effort and the clerical support thereof for a period of 37 months, but it includes any general project task within the scope of services that does not fall into another specific activity.
- b. Requests for Information & Variance Processing. This activity includes responding to RFIs, RFVs, and substitution requests. Four hundred (400) request documents are anticipated for this Project. (Some variations and substitutions are reimbursable from the Contractor within the terms of the construction contract.)
- c. Submittal Reviews including O&M Manuals. Review of submittals from the Contractor, including shop drawings, technical product data, test reports, and operating and maintenance manuals. (Excessive re-submittals are reimbursable from the Contractor within the terms of the construction contract.)
- d. Prepare Requests for Proposals (RFP). This activity is for development of proposals corresponding to the Contingency Allowance Bid Item, with the scope of the Project.
- e. Meeting Participation. This activity includes both regular bi-weekly progress and special meetings of the CMT. One hundred (100) meetings are anticipated. (Official meeting notes will be prepared by the PCM outside of this Contract.) Weekly submittal review meetings will be held with the Hap Cremean Plant personnel for input on submittal, RFI, and RFP disposition.
- f. Compliance Verifications (Witness / Site). This activity is for engineering services associated with witness testing in the factory or field to verify contract compliance on specific issues identified by the Field Project Representative as needing technical assistance. Ten (10) witness/site visits, not exceeding one day each, are anticipated for this Project.
- g. Evaluation Reports. This activity is the office component of compliance verification above and includes the desktop investigation and report writing for ten (10) evaluation reports.
- h. Record Documents. Engineering and technical activities associated with production of the revised conform-to-contract (RCC) and record (REC) documents for drawings.
- i. Overall Systems Training. The DP shall provide Total System Operations Classroom and Field Training to the plant staff. This task includes: preparation of lesson plans, training aids, and class records; conduct independent training sessions for two groups (management/operation and maintenance (mechanical, electrical, and instrumentation)). Training will include four split shifts of management and operations training. The training will enhance, clarify, and augment the specified Contractor's training. The training sessions will include three (3) hours of classroom training followed by three (3) hours of field training for the management and operations group for each of the following systems:
- j. Standard Operating Procedure Update. This activity includes the engineering and technical activities associated with production of revised standard operating procedure (SOP) manuals related to the Project.
- k. Commissioning Assistance. This activity is for an operations engineer representing this Project to serve as a member of the startup and commissioning team.
- l. Expenses, Non-distributed. If expenses cannot be assigned to another specific activity, they can be assigned to this activity. Expenses are limited by DOPW reimbursement guidelines.

- m. Retain 360water to obtain online O&M Training Materials and Services. The DP shall provide O&M training materials and services.
- n. Programming Team.
- o. Hap Cremean Water Plant Document Updates.
- p. LEED Certification. The DP shall assign a LEED Accredited Professional (LEED AP) to coordinate construction documentation required for LEED certification. LEED coordination efforts will include kick-off activities and monitoring of construction LEED progress using progress reports prepared and submitted by the Contractor on a monthly basis. The Contractor will complete construction-related LEED templates and submit required documentation of credit compliance to the registered project using the LEED online website. Upon project completion, the LEED AP will submit final construction documentation to the Green Building Certification Institute (GBCI) for review. The LEED AP will work with the Contractor to resolve any GBCI credit clarification requests, manage clarification deadlines, and achieve the Owner desired LEED certification. Areas of consideration include Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality, and Innovation and Design Process.

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.)

As indicated in the original agreement legislation (Ord. #0403-2010), as well as Modification No. 1 (Ord# 0525-2012), it was the City's intent to have the selected Consulting/Engineering firm perform engineering services during construction as a modification to Contract No. EL010296 (Contract No. 1151, CIP No. 690430-100001).

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.)

Burgess & Niple, Inc. has been performing the development of this highly technical plant modification for over two years and is intimately involved in the preparation of the plant improvement. It would take another Consulting/Engineering firm a considerable amount of time and cost to become familiarized with the intricate infrastructure of this plant upgrade before conceptualizing a seamless integrated 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	\$ 4,259,792.00 (EL010296)
Contract Modification 1	\$ 452,000.00 (EL012665)
Contract Modification 2	\$ 7,163,346.00 (Current)
Contract Modification 3	\$ 300,000.00 (Future)
Contract Total	\$12,175,138.00

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

Burgess & Niple prepared and submitted a detailed estimate of cost to complete services outlined in 9 above. City project management staff has reviewed and have approved these cost summaries.