

690441, Mod #2 Alum Creek Pump Station Improvements

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>
ARCADIS U.S., Inc.	57-0373224 - 5/14/17	Columbus, OH	MAJ
ms consultants, inc.	34-6546916 - 3/7/16	Columbus, OH	MAJ
Chester Engineers	20-2401674 - 5/18/17	Columbus, OH	MBE
HDR Engineering	47-0680568 - 8/13/16	Columbus, OH	MAJ
Black & Veatch	43-1833073 - 9/30/15	Columbus, OH	MAJ

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

Requests for Proposals (RFP) were received on May 6, 2011.

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

1. ARCADIS U.S, Inc.
2. ms consultants, Inc.
3. Chester Engineers
4. HDR Engineering
5. Black & Veatch

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

ARCADIS U.S., Inc.
100 E. Campus View Blvd., Suite 200
Columbus, Ohio 43235
James E. Hays, P.E., BCEE, (614) 985-9204, Jim.hays@arcadis-us.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.**

This project entails professional consulting/engineering services for the work associated with the Alum Creek Pump Station. The work to be performed includes the evaluation, design, preparation of bidding documents for construction and installation of renovations and upgrades to the Alum Creek Pump Station facility including, but not limited to: existing pumps & drives, screens, gates and valves, instrumentation & controls, HVAC, electrical systems, and ancillary equipment necessary to operate the pump station in a reliable and sustainable fashion.

The original contract provided funds for preliminary engineering services.

Contract Modification No. 1 provided funds for detailed design services. T

This Contract Modification (No. 2) will provide funds for engineering services during construction of the Alum Creek Pump Station Improvements project, for the design of a

sanitary sewer to serve the pump station, and for the associated services during construction for the sanitary sewer.

*There will be no more modifications to this agreement.

6. An updated contract timeline to contract completion.

Engineering Services During Construction for the pump station portion of the project is anticipated to be completed by second quarter 2017. Construction of the sanitary sewer portion of the project may extend beyond this date depending on how design and easement related items are resolved.

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 critical to maintaining a supplemental water source for the City's largest water plant (Hap Cremean Water Plant) and providing safe, reliable drinking water to our customers. The Hoover Reservoir supplies water to the Hap Cremean Water Plant. When reservoir levels are low, the Alum Creek Pump Station is used to pump water from the Alum Creek Reservoir to Hoover Reservoir to supplement the water supply. 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 the Department of Public Utilities, no community outreach or input was sought in the development of the project. This project will evaluate more cost effective and efficient methods to operate and run the pump station in the most sustainable manner possible.

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 No. EL012446 (Ord. 1917-2011) -----	\$257,592.00
Modification #1 EL014902 (Ord. 1514-2013) -----	\$834,588.00
Current Modification #2 Request (pending) -----	\$923,694.00
(final modification)	\$2,015,874.00

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.)

The work to be performed for this anticipated contract modification will be for engineering services during construction of the Alum Creek Pump Station Improvements project, for the design of a sanitary sewer to serve the pump station, and for the associated services during construction for the sanitary sewer.

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.)

This contract modification for services during construction was anticipated and explained in the original contract legislation under Ordinance No. 1917-2011 as well as Contract Modification No. 1 under Ordinance No. 1514-2013.

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.)

This contract was anticipated to be funded in phases as indicated in the original authorized legislation and contract modification number one. ARCADIS is very familiar with the details of the project and has performed an evaluation and condition assessment on the equipment and structure of the Alum Creek Pump Station. They have compiled a Preliminary Design Report detailing their findings and recommendations and have also prepared the bidding documents for the construction of the Alum Creek Pump Station Improvements. The process of selecting and contracting a new consultant team and having them spend time reviewing the bidding documents prepared by the initial consultant would further delay the construction of the upgrades needed to ensure the reliable operation of the Alum Creek Pump Station.

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 No. EL012446 (Ord. 1917-2011) Preliminary Design -----	\$257,592.00
Modification #1 EL014902 (Ord. 1514-2013) Detailed Design -----	\$834,588.00
Current Modification #2 Request (pending) Services During Construction -----	<u>\$923,694.00</u>
Contract Total	\$2,015,874.00

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

The consultant prepared an estimate based on the scope of work for this contract modification. City staff reviewed and approved this cost estimate.