

**Comprehensive Master Plan Update**  
**CIP 690290-100004, Contract No. 2233 – Modification #1**

**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>DAX #</u>	<u>City/State</u>	<u>Status</u>
Arcadis U.S., Inc.	57-0373224 – 3/18/23	9409	Columbus, OH	MAJ
Hatch Associates Consultants				
CH2M Hill Engineers, Inc.				

- 2. What type of bidding process was used (ITB, RFP, RFSQ, Competitive Bid).**  
Requests for Proposals (RFP's) were opened on May 18, 2018.
- 3. List the ranking and order of all bidders.**
  - Arcadis, U.S., Inc.
  - CH2M Hill Engineers, Inc.
  - Hatch Associates Consultants, Inc.
- 4. Complete address, contact name, phone number, e-mail address, and contract numbers for the successful bidder only.**  
Arcadis U.S., Inc.  
100 E. Campus View Blvd, Suite 200, Columbus, Ohio 43235  
James E. Hays, 614-985-9204, [Jim.hays@arcadis.com](mailto:Jim.hays@arcadis.com)  
Original CT: PO152484

- 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 Contract** provided an update to both the Comprehensive and Water Distribution System Master plans. For the Comprehensive Water Master Plan Update, Arcadis conducted a broad assessment of Division of Water's entire system and developed coordinated planning recommendations related to supply, treatment, water quality, and operations. For the Water Distribution System Master Plan Update, Arcadis assessed the adequacy of the current distribution system to meet present and projected hydraulic and water quality needs relative to the distribution system, and recommended future modifications and operational changes.

**Modification No. 1** is needed due to unforeseen changes in development that resulted in significant increases in future demands. The study was substantially complete, but will be reworked to include these increased demands and evaluate impacts to the supply, treatment and distribution systems.

Community Planning area: 99 - Citywide

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

- a. **The original agreement allowed for a total term of how many years? (ex. 4 year term)**  
The term of the original contract was 18 months.
- b. **Which year of the total term is this modification for? (ex. year 2 of 4 year term).** This Modification No. 1 is being requested beyond the term of the original contract.
- c. **The expiration date of this agreement is to be determined.** The work of the original agreement is ongoing and the impact this modification will have to the schedule cannot be determined at this time.

**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 update the population projections, service area growth, raw water supply and safe yield, water demands, etc. Comprehensive and water distribution system master plans are both essential and integral components in ensuring there is an adequate, safe supply of water for economic growth and development of the Columbus area.

**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.)**

**Modification No. 1** (Current) - \$190,920.00

**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.)**

This **Contract Modification No. 1** will include reworking the master plan study to include increased demands and evaluate impacts to the supply, treatment and distribution systems.

**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.)**

**Contract Modification No. 1** is needed due to unforeseen changes in development that resulted in significant increases in future demands. The study was substantially complete, but will be reworked to include these increased demands and evaluate impacts to the supply, treatment and distribution systems. This modification was anticipated to address topics not originally addressed in the contract.

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 work is integrated with the ongoing design of the Comprehensive Master Plan and involves unique knowledge of the project which an additional design consultant would not possess.

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.**

**Cost summary:**

Original Contract (PO152484)	\$3,175,100.00
Modification No. 1 (Current)	<u>\$ 190,920.00</u>
<b>CONTRACT TOTAL</b>	<b>\$1,366,020.00</b>

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

Cost proposals were provided by Arcadis U.S., Inc., reviewed by the Division of Water, and were deemed acceptable.