

**Watershed Miscellaneous Improvements – Hoover Dam – Part 1 – Modification No. 3**  
**CIP #690411-100013, CT No. 2154**

**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>
ms consultants, inc.	34-6546916 – 1/28/22	6998	Columbus, OH	MAJ

- 2. What type of bidding process was used (ITB, RFP, RFSQ, Competitive Bid).**  
Requests for Proposals (RFP's) were opened on Friday, June 24, 2016. (RFQ001413)
- 3. List the ranking and order of all bidders.**
  - ms consultants, inc. (only offeror)
- 4. Complete address, contact name, phone number, e-mail address, and all associated Purchase Orders for the successful bidder only.**  
ms consultants, inc.  
2221 Shrock Road, Columbus, OH 43229  
Bill Johngrass, PE, VP, (614) 898-7100, [bjohngrass@msconsultants.com](mailto:bjohngrass@msconsultants.com)  
Orig.: PO042055  
Ren. #1: PO144141  
Ren. #2: PO229745
- 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.**

\*Project changed from Renewals to Modifications with this legislation.

The project is being executed in four phases: preliminary design (completed), detailed design (completed), and two modifications (1st modification completed) for engineering services during construction (SDC).

The preliminary design phase (the initial contract) evaluated the condition of dam infrastructure and ancillary equipment and developed recommendations for improvements to address operational/maintenance/security needs.

The detailed design (Contract Renewal 1) developed design documents for the construction of proposed improvements that will serve all intentions of the planned operation, provide security, resiliency, flexibility and ease of operation with reasonable maintenance requirements, and extend the life of this critical asset.

**ORD #3368-2021**

The initial phase of Engineering Services During Construction (Contract Renewal 2) addressed major elements of the SDC work through the commissioning of the Hoover Dam East Water Supply Train. This scope included technical project representation (TPR) duties, construction phase engineering, shop drawing review, responding to RFIs, developing RFP's, start-up and commissioning assistance, training, and record documentation.

This legislation (Modification #3) is a planned modification to continue Engineering Services During Construction. Major elements of the SDC work includes technical project representation (TPR) duties, construction phase engineering, shop drawing review, responding to RFIs, developing RFPS, start-up and commissioning assistance, training, and record documentation for the remaining construction activities.

Construction Administration / Construction Inspection (CA/CI) services will be performed by others.

The Community Planning Area for the HCWP is "99 - Citywide" since it provides service to several communities.

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

The total contract is anticipated to run from January 2017 to June 2022, but this timeline is contingent upon weather conditions and resulting reservoir levels, which could impact construction duration.

**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 address improvement needs for operational components and equipment associated with Hoover Dam. The Hoover Dam provides water for the City of Columbus Hap Cremean Water Plant, which serves more than 500,000 customers. Management of the City's reservoirs and dams is crucial for reliability of the water supply, long-term water supply planning, and economic development of the central Ohio area.

There will be no public meetings held regarding this study. Hoover Dam is critical infrastructure and the project will be managed accordingly. The Division of Water will be responsible for coordinating with stakeholders.

**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.)**

The amount of this modification is \$491,200.00, including a 10% contingency amount that will be utilized to fund needed and approved changes in the work.

Cost summary:

Preliminary Design (original contract)	\$ 418,000.00
Detailed Design (Renewal #1)	\$ 1,487,600.00
Services During Construction (Renewal #2)	\$ 1,299,900.00
Services During Construction (current - Modification #3)	<u>\$ 491,200.00</u>

\$3,696,700.00

**9. A full description of the work to be performed as part of the proposed contract modifications. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)**

Work to be performed under this Modification #3 includes Engineering Services During Construction, including but not limited to technical project representation (TPR) duties, construction phase engineering, shop drawing review, responding to RFIs, developing RFPs, start-up and commissioning assistance, training, and record documentation.

**10. If the contract modifications 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 modifications of the contract scope and amount.)**

This modification was anticipated and explained in the original legislation under Ordinance No. 2094-2014.

**11. An explanation of why the work to be performed as part of the contract modifications cannot be bid out. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)**

The current consultant is familiar with the project and has completed all preliminary and detailed design work to date. Bidding the work to another consultant will delay the project and will result in higher costs due to bringing a new consultant up to speed on the project and potentially increase the risk of not meeting anticipated future water quality regulation deadlines.

**12. A cost summary to include the original contract amount, the cost of each modifications to date (list each modifications 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.**

Initial Contract (Preliminary Design) (PO042055)	\$ 418,000.00
Detailed Design (Ren. #1) (PO144141)	\$ 1,487,600.00
Engineering Services During Construction (Ren. #2) (PO299745)	\$ 1,299,900.00
Engineering Services During Construction (Mod. #3) (current)	\$ 491,200.00
<b>ESTIMATED CONTRACT TOTAL</b>	<b>\$ 3,696,700.00</b>

The original legislation (Ordinance No. 2094-2014) anticipated funding all services during construction under a single modification. Based estimated total cost of SDCs and potential impacts of reservoir levels on construction duration, the planned Renewal #2 was broken into two separate renewals, the previous Renewal #2 and this Modification #3). Renewal #2 shall provide SDCs through February 2022 and the current Modification #3 will provide SDCs through final completion.

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

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The Consultant prepared an estimate based on the scope of work for the services during construction during the contracted duration. City Project Manager and associated staff reviewed and approved these cost summaries.