ORD #2461-2018

Professional Construction Management Services - Part II (PCM II) – Mod 3

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	DAX #	City/State	Status
AECOM Technical Svcs.	95-2661922 – 9/19/18	10897	Columbus, OH	MAJ
Hill International, Inc.	20-0953973 – 3/10/18	990	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).**
Request for proposals (RFP) were opened July 8, 2015.

3. **List the ranking and order of all bidders.**
1. AECOM Technical Services, Inc.
2. Hill International, Inc.

4. **The name, address, contact name, phone number and contract number of the firm awarded the original contract.**
AECOM Technical Services, Inc.
277 West Nationwide Blvd., Columbus, OH 43215 (local)
Rob Rivers, CCM, V.P, (614) 464-4500, rob.rivers@aecom.com
Original Contract No's: PO003180, PO003188, PO003196, PO003199, PO003202, PO003205, PO003208
Modification No. 1: PO049895
Modification No. 2: PO098486

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.**
Work performed to date includes design phase construction management (CM) services for multiple capital improvement projects including: program management, constructability reviews, construction cost estimating, project coordination, and construction scheduling. Future phasing will continue design phase CM services and begin construction phase CM services that include program management, construction management, field representation/inspection, material inspection and testing, PLC programming and controls integration services, O&M ready support services, assistance with claims negotiation, small business outreach, and PMIS support services. These services will be provided through the end of each construction project included in the PCM program, or as noted below in item 9.

6. **An updated contract timeline to contract completion.**
This contract will provide Professional Construction Management (CM) services under multiple contract modifications over a multi-year period to support multiple construction projects that begin construction within the 2017 through 2020 period, with services extending through the end of the subsequent construction durations for each project. Current project

schedule estimate calls for a contract completion date in 2022, but this contract duration may need to be extended based on actual construction durations.

The original contract was executed in March 2016 to allow the Professional Construction Management Team to perform design phase CM services for four projects (the DRWP Standby Power Project, the HCWP Standby Power Projects, the DRWP UV Disinfection Project, and the HCWP UV Disinfection Project).

Contract modification #1 provided funding for design phase CM services for six projects (DRWP and HCWP Standby Power Projects, DRWP and HCWP UV Disinfection Projects, the HCWP Hypochlorite Conversion Project, and the PAWP Hypochlorite Conversion Project) and construction phase services for three projects (DRWP and HCWP Standby Power Projects and the DRWP UV Disinfection Project).

Contract modification #2 provided funding for design and construction phase services for the six projects listed above under mod #1, plus design and construction phases services for the APCS Miscellaneous Improvements project (690441-100002) and design phase services for the HCWP Basin Concrete Improvements project (690389-0).

Contract modification #3 (this legislation) provides funding for design and/or construction phase services for the DRWP and HCWP Standby Power Projects, the DRWP and HCWP UV Disinfection Projects, the APCS Miscellaneous Improvements project, and the PCM II Project (690553-100000).

Future contract modifications for Professional Construction Management services will be requested to continue PCM services through the duration of this project. As noted above, the duration of this project is linked to the duration of the construction projects being managed.

7. <u>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.</u>

This is a Professional Construction Management project which will facilitate the construction administration and construction inspection services for projects in the Division of Water capital program. These projects are all related to the drinking water supply and treatment systems. These projects are incorporated in the capital improvement program for various reasons including meeting regulatory requirements, improving the reliability of the City's drinking water supply, and enhancing worked and public safety. All of these functions are tied to the economic vitality of the service area.

Outreach activities will be performed under this contract to encourage small / minority business participating in the construction contacts.

The consultant team has identified a commitment to the Mayor's Green Initiative in their business practices, including recycling programs in their offices, a commitment to double sided printing, and utilization of Project Management Information System (PMIS) for submittal reviews which limits the need for printing documents for review.

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 Original Contracts (PO003180, PO003188, PO003196, PO003199, PO003202, PO003205, PO003208); Ordinance #0003-2016) were executed in March 2016 in the amount of $618,000.00.

Contract Modification No. 1, under PO049895, in the amount of $1,506,000.00, provided funding for construction management services for the March 2017 through February 2018 period.

Contract Modification No. 2, under PO098486, in the amount of $5,069,000.00, provided funding for construction management services for the March 2018 through February 2019 period.

Contract Modification No. 3 (this legislation), in the amount of $7,576,000.00, provides funding for construction management services for the March 2019 through February 2020 period.

Future contract modification requests to continue funding for the duration of this multi-year contract will be submitted as summarized in item 12 below.

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 provides Professional Construction Management (PCM) services for the capital improvements projects listed below. Additional projects or services may be added to the PCM program as needed and approved by City council. The work to be performed under this contract modification includes design phase CM services and construction phase CM services as described in Item 5 above for the projects identified below:

Project 690486-100000
HCWP Hypochlorite Conversion
This project will convert the disinfection process at the HCWP from gaseous chlorine to liquid sodium hypochlorite. The project will evaluate options and identify preferred approach for supplying, storing, and feeding the hypochlorite solution. This project was removed from the scope of this project. PCM services for this project will be performed by others.

Project 690487-10000
PAWP Hypochlorite Conversion
This project will convert the disinfection process at the PAWP from gaseous chlorine to liquid sodium hypochlorite. The project will evaluate options and identify preferred approach for supplying, storing, and feeding the hypochlorite solution. This project was removed from the scope of this project. PCM services for this project will be performed by others.

Project 690519-10000
HCWP Standby Power
This project will provide a standby power system at HCWP consisting of multiple onsite diesel standby generators, associated switchgear, etc. The standby power system will allow the City to continue to treat and distribute water during an extended, area wide power outage.

Project 690520-100000
DRWP Standby Power
This project will provide a standby power system at DRWP consisting of multiple onsite diesel standby generators, associated switchgear, etc. The standby power system will allow the City to continue to treat and distribute water during an extended, area wide power outage.

Project 690535-100000
DRWP UV Disinfection
This project will add UV disinfection capability at the DRWP. The UV system will provide an additional microbial treatment barrier and significantly enhance public health protection.

Project 690536-100000
HCWP UV Disinfection
This project will add UV disinfection capability at the HCWP. The UV system will provide an additional microbial treatment barrier and significantly enhance public health protection.

Project 690441-100002
ACPS Miscellaneous Improvements
Project Description: This project will add miscellaneous upgrades to the Alum Creek Pump Station, including new sluice gates, windows, building brick repair, painting, and various other exterior improvements.

Project 690389-100000
HCWP Basin Concrete Rehabilitation
Project Description: This project will rehabilitate various concrete elements of the treatment basins/flumes/channels/etc. at the HCWP.

Project 690553-100000
Professional Construction Management II – As-Authorized Services
This project includes funding for as-authorized PCM services. Approval from the City is required by the PCM II prior to performing any as-authorized services.

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 modification was planned and identified in the RFP and the original contracting legislation Ord. 0003-2016, which called for services to be provided by the selected PCM team over a multi-year period.

11. <u>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.)</u>

The original RFP and the initial authorizing legislation Ord. 0003-2016 for this project anticipated that the selected PCM team would provide services over a multi-year period to maintain continuity and consistency through the project construction periods and to provide coordination between projects. The current PCM team is familiar with the details of the multiple construction projects underway. The process of selecting and contracting a new PCM team to oversee these construction projects would likely impact construction progress and increase construction costs.

12. <u>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.</u>

Original contract No's: PO003180, PO003188, PO003196, PO003199, PO003202, PO003205, PO003208	$ 618,000.00
Modification #1 (PO049895)	$ 1,506,000.00
Modification #2 (PO098486)	$ 5,069,000.00
Modification #3 (current)	$ 7,576,000.00
Modification #4 (future, estimated)	$ 3,750,000.00
Modification #5 (future, estimated)	$ 1,500,000.00
Modification #6 (future, estimated)	$ 500,000.00
Estimated Contract Total:	$20,519,000.00

The number of future modifications and estimated amounts listed above are based on one year modification intervals. Shorter modification intervals may be used based on capital funding constraints or other considerations.

13. <u>An explanation of how the cost of the modification was determined.</u>

The consultant prepared a cost breakdown exhibit including estimated hours and hourly rates for upcoming work. This cost breakdown was reviewed and approved by the Project manager for the City Division of Water.