



## **Water Services Department Process Control Master Plan 2018 - Assessment Services (Ordinance S-44660)**

Request to authorize the City Manager, or his designee, to enter into an agreement with Arcadis U.S., Inc. to provide assessment services to develop a Process Control Master Plan (PCMP) for the Water Services Department (WSD). Further, request authorization for the City Controller to disburse all funds related to this item. The fee for services will not exceed \$1,175,000.

Additionally, request authorization for the City Manager, or his designee, to take all action as deemed necessary to execute all utilities-related design and construction agreements, licenses, permits, and requests for utility services relating to the development, design, and construction of the project and to include disbursement of funds. Utility services include, but are not limited to: electrical, water, sewer, natural gas, telecommunications, cable television, railroads, and other modes of transportation. This authorization excludes any transaction involving an interest in real property.

### **Summary**

WSD uses process control systems to automate and monitor water treatment, water production, water distribution, wastewater collection, and wastewater treatment facilities and processes. These systems are in use at five water treatment plants, one water reclamation plant, two wastewater treatment plants, and more than 300 remote water and wastewater sites. These highly automated and complex systems allow the department to meet regulatory performance requirements while increasing efficiencies in chemical usage, electrical usage, and maintaining system operations. This assessment will ensure that WSD efficiently and effectively supports these critical systems.

Arcadis U.S., Inc. will refine and document WSD process control system plans and expectations, document the current process control system, and develop a roadmap for continual evolution and support.

### **Procurement Information**

Arcadis U.S., Inc. was chosen for this project using a qualifications-based selection

process according to section 34-603 of the Arizona Revised Statutes (A.R.S.). Pursuant to A.R.S. title 34, the City may not release the scoring of proposers until a contract has been awarded. Eight firms submitted proposals. The top three rankings follow:

Arcadis U.S., Inc.: Rank 1

Oz Engineering, LLC: Rank 2

Jacobs Engineering Group, Inc./CH2M Hill Engineers, Inc.: Rank 3

### **Contract Term**

The term for services is expected to be 24 months after issuance of the Notice to Proceed. Contract work scope identified and incorporated into the contract prior to the end of the contract term may be agreed to by the parties, and work may extend past the termination of the contract. No additional contract work scope changes may be executed after the end of the contract term.

### **Financial Impact**

The total fee for contract services will not exceed \$1,175,000, including all subconsultants and reimbursable costs. Funding is available in the WSD's Operating Budget. Contract payments may be made up to the contract limits for all rendered contract services, which may extend past the contract termination.

### **Responsible Department**

This item is submitted by Deputy City Managers Karen Peters and Mario Paniagua, the Water Services Department, and the City Engineer.