

# CONTRACT

## Ordinance Fact Sheet

## A-E/Negotiated Form

**180671**

Revised 9-12-2018

**Brief Title****Approval Deadline****Reason**

Authorizing a Design Professional Services contract  
for the Risk Based Asset Management for Water

To authorize execution of a Design Professional Services  
contract; and recognizing this ordinance as having an

Plants and Facilities.

accelerated effective date.

**Details****Roles and Responsibilities****Reason for Contract**

This project will have a design professional perform an assessment of critical water plant and facility assets in order to provide a structured prioritization approach for subsequent asset management activities.

Sponsor

Water Services Department

Department  
or Programs  
Affected

Water Services Department

Recommended

Awardee

CH2M Hill Engineers, Inc.

Contract  
Compliance  
Certification  
Obtained?

☐

No

☒

Yes

Opponents

Groups or Individuals

None known

Reason for Opposition

Responsibilities

Design Engineering:  
CH2M Hill Engineers, Inc.

Inspections:

N/A

Construction or Project Management:

N/A

Service Monitoring:

N/A

**Discussion****Project Justification**

The Water Services Department is undertaking this design project to have a design professional perform an assessment of critical assets in order to provide a structured prioritization approach for subsequent asset management activities. The initial criticality assessment will be based on available data in the KCMO Computerized Maintenance Management System (CMMS) system, legacy spreadsheet asset listing, process flow diagrams, system geospatial depictions, and experience with similar water systems. The design professional will assess motors, pumps, pump components, electrical gear and sub-components, and conduct vibration analyses, infrared photography of electrical switchgear, oil analyses, megger analyses, amp draws, and equipment alignment checks.

**Project Description**

The scope of services to be provided under this contract consists of professional design services for the water facilities and water plant asset management and consists of the following:

- Asset management of water plants and facilities identifying assets within water facilities that should be monitored, reviewing existing water master plan, as-builts, and field inspections.
- Meet with City staff to review and obtain asset's operations and maintenance manuals, 2015 Water Master Plan, and as-built plans of facilities.

The amount of this contract is \$616,000.00.

**Policy/Program Impact**

Policy or Program  
Emphasis  
Change

☒

No

☐

Yes

Operational  
Impact  
Assessment

N/A

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**Solicitation**  
This Project was solicited in accordance with the City's requirements. Proposals were due on March 12, 2018 with 3 firms submitting.

**Consultant Selection**  
CH2M Hill Engineers, Inc. was selected for this project in accordance with Code of Ordinance Section 3-31(b)(1), City-wide selection.

**Human Relations Approval**  
Goals on the project are 15% MBE and 10% WBE. Subcontracting information was submitted to the Human Relations Department for review and determination on August 17, 2018, and was approved on September 5, 2018 with 15% MBE and 10% WBE participation. See the attached docket memo.

**Grant Funding**  
N/A

**Is it good for the children?** Yes.

**How will this contribute to a sustainable Kansas City?**  
This project will provide a structured prioritization approach for subsequent asset management activities that will help identify ways to increase the life of the assets.