



**KC WATER  
ENGINEERING**

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**DATE:** March 19, 2024

**TO:** Kelly Postlewait, MS, Esq., Acting Director  
Jeff Martin, P.E., Deputy Director – Chief Engineering Officer

**FROM:** Isaac Garlington, Project Manager

**SUBJECT:** **DP Recommendation – South Water Supply Resiliency PN: 80002439-9785**

**Project Overview**

The existing Water Treatment Plant at Briarcliff is over 100 years old and upkeep costs are increasing. The Water Services Department seeks to identify and conceptualize a new Water Treatment Plant in the general area of the East Bottoms. The new WTP would provide;

- Resilient Infrastructure for future generations of Kansas Citians
- Increased reliability of Raw Water Sources
- Reduced risk of water supply shutdowns due to point source operational risks (i.e. if there was only one WTP)
- Opportunity to utilize modern treatment technologies to optimize chemical usage.
- Opportunity to utilize emerging technologies to remove potential contaminants.
- Reduce current O&M costs by maintaining existing systems in limited space, limited structures, and limited shutdown schedules.

**Project Description**

This project entails the development of a facility plan for a South Water Treatment Plant & water sourcing and conveyance to account for changing conditions in the service area and be able to address future regulatory requirements. The facility plan will include:

- Findings from geotechnical, environmental, and hydrological investigations
- Information of raw water line, utility, and topographical surveys, and
- Anticipated source water availability and electrical loading
- Process Technology Evaluation and Selection
- Facility Plan documents

Based upon the facility plan development the City/DP will evaluate risks and identify project delivery method best suited for City and will incorporate SCADA development for integration in the City water utility.

**Selection**

1. **Selection Type:** Design Professional Contract per Code of Ordinances Section 3-3(a)(1) and 3-3(b).
  - a. Advertisement on July 9, 2023
  - b. Proposals received on August 22, 2023 from the following respondents; Black & Veatch, CDM Smith, and HDR Inc.
  - c. Interviews held November 17, 2023
  
2. **Selection Method:** Design Professional Contract per Code of Ordinances Section 3-31(b)(1)  
 An Architect and Engineering Selection Committee ranking firms from most qualified to least qualified. The mayor elected to not sit on the selection committee or appoint a council member representative for the selection committee.

**Selection Committee Members:**

- Wes Minder, P.E. Director 2022-2023
- Morgon Holecek, Assistant City Manager
- Brent Herring, Deputy Director – Operations

**3. Selection Rankings:**

- a. HDR Inc. (Selected)
- b. Black & Veatch
- c. CDM Smith

**4. Selection Key Factors:**

- Comparable size project for the City of Wichita, KS
- HDR has Regulatory Assistance experience with the Utility.
- Experience in working for Clients to secure federal grants/loans to finance projects.
- HDR has performed nine (9) projects with KC Water within the last three (3) years.
- SCADA subcontractor has recently executed SCADA upgrades for Wastewater Utility.
- Considerations for social factors and Environmental Justice in proposal and interview.

**Negotiated Fee**

The fee from HDR Inc. has been received, opened, reviewed, and refined to meet project scope, project schedule, and project cost.

Company	Total Bid
HDR	\$4,199,277

HDR Inc. submitted a cost breakdown. An Optional Services Amount of 10% has been included by City. 10% is industry typical for project cost to account for unanticipated changes that may arise from facility planning, pre-design, design, or construction changes.

Task 100 Series – Project Management & Administration	\$ 703,226
Task 200 Series – Site Investigation	\$1,192,399
Task 300 Series – Facility Plan	\$1,157,191
Task 400 Series – Procurement	\$ 246,239
Task 500 Series – SCADA	\$ 741,171
<u>Task 600 Series – Envision</u>	<u>\$ 56,552</u>
Total Lump Sum	\$4,199,277
<u>Optional Services (10% of Lump Sum)</u>	<u>\$ 419,927</u>
Total Lump Sum	\$4,619,205

This Project is in the FY24 CIP and is to be funded from the following Accounts:

- **TBD** **\$4,619,205**

**MBE/WBE Participation**

CREO set the MBE/WBE goals for this project at 14% MBE and 14% WBE business participation. HDR submitted their Contractor Utilization Plan with 14% MBE business participation and 14% WBE business participation. HDR has no written violations of any MBE/WBE programs and has incurred no penalties.

**List of Subcontractors and Suppliers**

HDR submitted an acceptable list of Subcontractors to be used on this project and it is included in the Proposal Packet.

These subcontractors are:

- KMB Engineering (WBE)
- Environmental Advisors & Engineers (WBE)
- Taliaferro & Brown (MBE)
- HG Consult (MBE)
- Tsi Geotechnical (MBE)
- Parson & Associates
- R.E. Pedrotti
- Layne
- Haney
- Well Driller Sub (To be approved through Request for Modification.)

**Recommendation**

It is recommended HDR Inc be approved to be contracted to complete facility plan for the South Water Supply Resiliency Project; Project 80002439 / Contract 9785.

*Attached Document(s):* A.01 Selection Committee Memo  
A.02 HDR KCMO South Water Resiliency Scope  
A.03 HDR Schedule

Approved: CLH 3/20/2024 (initial/date)  
Chris Herrera P.E., Engineering-Facilities Section Manager

Approved: <sup>DS</sup> Bl 3/26/2024 (initial/date)  
Blake Anderson P.E., Engineering-Facilities Division Manager

Approved: <sup>DocuSigned by:</sup> Jeff Martin 3/26/2024  
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Jeff Martin P.E., Deputy Director - Chief Engineering Officer Date

Approved: <sup>DocuSigned by:</sup> Kelly Postlewait 3/26/2024  
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Kelly Postlewait, MS, Esq. Acting Director Date

cc: Isaac Garlington, Project Manager  
Jeff Martin, Deputy Director - Engineering  
Brent Herring, Deputy Director - Operations  
Phillip Cridlebaugh, Chief Financial Officer  
Lisa Pleasure, Finance Analyst  
Robbi Jackson, Finance Analyst  
Leona Walton, Contract Administrator  
Contract File 9785  
eBuilder File: 10741

**CITYWIDE SELECTION COMMITTEE  
DESIGN PROFESSIONAL SERVICES CONTRACT  
Office of City Manager – Morgan Holecek  
Director of Water Services – Wes Minder  
Deputy Director of Water Services – Brent Herring  
November 17, 2023**

**CONTRACT NO. 9785 / PROJECT NO. 80002439**

**Contract/Project Description: South Water Resiliency Supply WTP**

**SELECTED FIRM:**

HDR

**ALTERNATE FIRM:**

Black & Veatch

**SELECTION COMMITTEE SIGNATURES:**

*Brent R. Herring*

*Wes Minder*

*Morgan Holecek*