

Design Professional Firm Selection

City-Wide Selection Committee

Ryana Parks-Shaw, Councilmember (5th District)

Kimiko Gilmore, Assistant City Manager

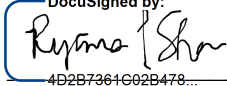
Wes Minder, Director of Water Services

Matt Bond, Deputy Director and Facilitator

Date: March 21, 2022

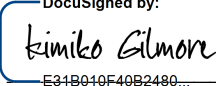
Project	Selected Consultant
Green Infrastructure Project 2-1: 63rd and Daniel Morgan Boone Park	Black and Veatch Corporation
	Alternate Consultant
Project Number 81000916 / CN1575	CDM Smith, Inc.

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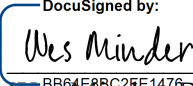
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Ryana Parks-Shaw, Councilmember (5th District)

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Kimiko Gilmore, Assistant City Manager

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Wes Minder, Director of Water Services

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D. Matt Bond, P.E., Deputy Director and Facilitator

Attachment: Staff Review Committee Recommendation for the Green Infrastructure Project: 63rd
& Daniel Morgan Boone Park



Project Name: 63rd & Daniel Morgan Boone Park Green Infrastructure Project	Document Type: SRC Selection Recommendation
Project Number: 81000916	Contract Number: 1575
Project Manager: Ben McCabe	Contract Administrator: Jamie Driskell

Review Schedule	
This final version of this document is needed no later than the following date:	<u>A</u>
The First Line Review is to be completed no later than the following date:	<u>S</u>
The Objective Review is to be completed no later than the following date:	<u>A</u>
Smart Sewer Program Approval for Issuance needed no later than the following date:	<u>P</u>

First Line Review	
Project Manager: <i>Ben McCabe</i>	<i>2/4/2022</i>
Signature	Date

Objective Review	
Quality Assessor: N/A	
Signature	Date

Smart Sewer Program Approval for Issuance	
SSP Program Manager: N/A	
Signature	Date

Smart Sewer Division Head Approval to Proceed	
<i>Brian Hess</i>	<i>2/4/2022</i>
Signature	Date



STAFF REVIEW COMMITTEE – DESIGN FIRM RECOMMENDATIONS MEMO

DATE: February 7, 2022

TO: Kimiko Gilmore, Assistant City Manager
Ryana Parks-Shaw, Councilmember (5th District)
Wes Minder, Director of Water Services

CC: Ben McCabe, Project Manager
Brian Hess, Smart Sewer Division Head
Srini Vallabhaneni, Smart Sewer^{ds} Officer SV

FROM: Matt Bond, Deputy Director DMB

SUBJECT: SRC Selection Recommendation to the City Wide Selection Committee for the 63rd and Daniel Morgan Boone Park Green Infrastructure Project

RECOMMENDATION: The SRC recommends short listing and interviewing Black and Veatch Corporation and CDM Smith, Inc.

On Wednesday, November 24, 2021, KC Water's Smart Sewer Division advertised a request for qualifications/proposals ("RFQ/P") from design professionals to apply the adaptive management included in the Consent Decree for effectively reducing combined sewer overflow (CSO) to Town Fork Creek and realizing increased levels of public health and environmental protection. This Project is intended to achieve a significant level of percent capture of wet weather flows required by the Consent Decree.

Project Description:

Overall goals include strategic stormwater collection within the project area and integration of green infrastructure into Daniel Morgan Boone Park and into other opportunity areas within the stormwater collection system extents with the goal of maximizing CSO reduction in the basin. Specific professional services are required for conducting preliminary engineering evaluations, confirming and selecting the design concept; developing a design basis memorandum; completing preliminary design; and project phasing for final design and construction.

Specific services to be provided by ENGINEER under this AGREEMENT for the project are as follows:

- Task Series 100 – Project Management and Administration
- Task Series 200 – Public Engagement
- Task Series 300 – EnvisionTM Sustainability
- Task Series 400 – Field Investigation and Analysis
- Task Series 500 – Design Alternatives Evaluation
- Task Series 600 – Preliminary (30%) Design

Selection Type and Committee Members:

- Selection Type: Staff Review
- Selection Method: Proposal Review
- Per Engineering Standard of Practice 3, the following process was applied:
 1. Staff Review Committee (SRC) review
 - SRC ranks the proposals and makes recommendation to Deputy Director to:
 - Select from proposals, or
 - Interview, short list if appropriate (2 minimum/4 maximum firms)
 - Deputy Director recommends to KC Water Director if the SRC committee will select from proposals or conduct interviews
 - Deputy Director Administrative Officer works to schedule selection committee.
 - Deputy Directors' AO works to schedule selection committee.
- Staff Review Committee (SRC):
 1. For the 63rd and Daniel Morgan Boone Park Green Infrastructure Project the SRC consisted of:
 - Ben McCabe, Project Manager
 - Brian Hess, Smart Sewer Division Head
 - Lisa Treese, Senior Landscape Architect
 - Srini Vallabhaneni, Smart Sewer Officer
 - Tom Kimes, Stormwater Division Head

Selection Process Milestone Dates:

Project RFQP Advertisement Date	November 24, 2021
Mandatory Pre-Proposal Conference	December 7, 2021
Proposal Due Date	December 22, 2021
Staff Review Committee Recommendation	February 2, 2022
SRC Recommendation Presentation to Official Selection Committee & Final Selection	TBD

Received Proposals:

Proposals were received from five professionals:

- AECOM Technical Services, Inc.
- Black and Veatch Corporation
- CDM Smith, Inc.
- HDR Engineering, Inc.
- HNTB Corporation

SRC Review and Recommendations:

The Staff Review Committee completed a review of all submitted proposals. SRC referenced established *key review factors* consistent with RFQ/P requirements using *five rating descriptions* as described in Attachment A and B. As a result, the SRC recommends short listing and interviewing Black and Veatch Corporation and CDM Smith, Inc.

Attachments

- ***Attachment A: Proposal Review Summary Sheet***

Attachment A: Proposal Review Summary Sheet Green Infrastructure Project 2-1: 63rd and Daniel Morgan Boone Park DPS Estimate \$10,600,000.00										
Prime DP	AECOM Technical Services, Inc.		Black & Veatch Corporation		CDM Smith, Inc.		HDR Engineering, Inc.		HNTB Corporation	
TEAM	Taliaferro & Brown, TREKK, Tsi Geotechnical, NEER, Hoxie Collective/UMKC		Confluence, SE3, Taliaferro & Brown, Parson, TSI Geotechnical, Vireo, TREKK, McCurdy, Tetra Tech		Carollo, Vireo, HG Consult, Taliaferro & Browne, Parsons, TREKK, and Tsi Geotechnical		DuBois, EAE, Parsons, TREKK, and Tsi Geotechnical		Hg Consult, Vireo, LINK, TREKK, Mustardsee Cultural and Environmental Services (MCE), and Tsi Geotechnical	
Date RFQ/P Received:	Wednesday, December 22, 2021									
Project Manager	Janet Strickland		Laura Adams		Chad Johnson		Jessica Adams-Weber		Jeffrey Doudrick	
	Rating	Notes	Rating	Notes	Rating	Notes	Rating	Notes	Rating	Notes
Prime Relevant Experience & Expertise ¹	Documented	Listed projects from New York City, Philadelphia, Columbia, SC, Cleveland, Omaha, and KC Water are all demonstrative with participation from proposed personnel. Hard to determine if/how national experiences apply to primary project team members. More experience on structural rather than green infrastructure solutions. Big, spread out team with many of the staff listed in the proposal beyond the PM in offices outside of the state.	Clearly Documented	Listed projects from Omaha, Memphis and Milwaukee are all demonstrative with participation from proposed personnel. Staff listed on previous projects are available for this project, have required diverse specialties, and have modeling experience with InfoWorks.	Clearly Documented	Good mix of local and national projects from New York City, Philadelphia, Columbia, SC, Cleveland, Omaha, and KC Water. Projects related to the requirements of the RFQ/P and with participation from proposed personnel. Project manager is locally proven and personnel have the required diverse specialties, particularly hydraulic modeling with InfoWorks. Good balance of land scape architecture and civil engineering expertise.	Documented	Proposal presented experience with Kansas City, New York City, Atlanta, Cleveland, and Columbus but limited articulation and staffing connection on how these projects experiences helps on this project. The 40th & Monroe and Mill Creek Park Projects are presented but the projects are under design and not finished. Lack of emphasis on hydraulic modeling expertise with InfoWorks ICM expertise but the direct hire from MWH Soft (Innovyze) is interesting.	Documented	Prime experience appear to be limited when comparing with RFQ/P and to other proposals. Also appears to be a lack of emphasis on hydraulic modeling with InfoWorks. Limited relevant project experience was provided including the KC Water CID project, Baseline Improvements Town Fork Creek Project, and Munci Indiana LTCP project.
Subconsultant Project Roles and Qualified Participation ¹	Documented	Roles for six subconsultants proposed are presented and a good balance of prime and sub with complimentary qualifications and experience. Five of six MBE and WBE firms have known/proven qualifications from previous Smart Sewer projects. Hoxie Collective/UMKC Center for Neighborhood Services is a strong approach for public engagement. Landscape architect involvement is low on the org chart.	Clearly Documented	An impressive list of nine subconsultants and roles with roles mostly defined. Eight MBE and WBE firms have known/proven qualifications from previous Smart Sewer projects. Confluence's role with architecture is prominent throughout the presentation. Community engagement is mentioned throughout but defining how accomplished is somewhat limited.	Clearly Documented	Good balance of prime and seven subconsultants with complimentary qualifications and experience. Six MBE and WBE firms have known/proven qualifications from previous Smart Sewer projects. Notably Vireo for landscape architecture and Parsons with public outreach. One specialty subconsultant (Carollo - non-MBE/WBE) and their proposed national (Shawn Dent) and local staff (Brian Clow) are major strength for project development and delivery in modeling and civil works.	Documented	Roles for five subconsultants (MBE/WBE) with known/proven qualifications from previous Smart Sewer projects are provided. Key task lead positions are led by subconsultant with comparatively very small and less complex documented experience compared to the magnitude of RFQ/P project.	Documented	Roles for six subconsultants (MBE/WBE) with known/proven qualifications from previous Smart Sewer projects are provided. Two of the subcontractors presented have limited experience in complexity to lead two key tasks compared to the level of complexity of the RFQ/P project.
Effective Addressing of Critial Success Factors	Documented	Although not specifically stated in the proposal, critical success factors are referenced in the proposed scope and approach.	Demonstrated	CSFs are addressed demonstratively through prime and subconsultant experiences and expertise, key personnel, and project understanding and approach. Public engagement approach could be stronger.	Clearly Documented	Critical success factors are well presented on Figure 10 in the proposal and addressed through prime and subconsultant experiences and expertise, key personnel, and project understanding and approach. Project approach presented directly addressed CSFs with adequate details but could have been more demonstrative.	Documented	Critical success factors are referred to in the cover letter and project approach but missed the RFQ/P emphasis on hydraulic modeling with InfoWorks, connecting to various proposal sections including personnel/expertise and approach.	Documented	No direct presentation/reference to critical success factors throughout the proposal content but they may be blended in the proposed scope/approach to the project.
Project Understanding & Approach ²	Clearly Documented	Pros in the project approach and understanding include a well laid out work plan with understanding of economic (outside funding sources) and social equity opportunities, good vision for DMB green infrastructure (renderings), identification of opportunities and alternatives including a cost/benefit/risk evaluation, good proposed schedule identifying overlapping activities, QAQC approach, and great public engagement process. Project understanding could have been better articulated and directly addressed the critical success factors.	Demonstrated	Project approach and understanding is well articulated and the proposal highlighted the integration of landscape architecture, challenge with utilities, permitting (MDNR & COE) challenges, consideration of long-term maintenance, risk mitigation, coordination with SouthPoint development, opportunity for outside funding, and achieving 85% capture. Project approach presented directly addressed critical success factors with substantiated details. Hydraulic modeling with InfoWorks was also documented.	Clearly Documented	Project approach and understanding is correctly identified and the proposal highlighted grant opportunities, O&M as a consideration, existing infrastructure assessment, utility coordination (including lessons learned), public outreach, interdepartment coordination, green infrastructure assessment, and their approach to evaluating alternatives. Demonstrated what they envisioned for DMB park green infrastructure with inspiring renderings. Areas for proposal improvement include risk management, innovative approaches, use of an advisory panel/committee, and removing unnecessary material/words.	Documented	Areas for proposal improvement include providing a vision of what "could be" for DMB Park, providing less standard industry processes/models, provide more discussion on strategies for stormwater collection, a more detailed schedule, a more detailed QA/QC plan. A full understanding of the project and scope is not clear. Proposal did identify the need for an Advisory Panel, a funding expert, interdepartment coordination, and total life-cycle costs for green infrastructure.	Documented	Mixed reviews from the SRC on the proposer's project approach and understanding. Proposal highlighted utility challenges, downstream impacts due to improvements in the park, long term O&M, STEM learning opportunities with students, grant funding, CSS and 2D modeling, setting the table for other stakeholders to fund additional improvements, creating community connections, and a good listing of innovation opportunities. Areas for proposal improvements include verifying consent decree assumptions, better connection between RFQ/P scope and proposed project approach, better connection between project experiences and lessons learned, providing a dedicated QA/QC plan, and providing a vision of what "could be" for DMB Park.
Sustainability	Clearly Documented	Good identification of Envision credit opportunities. Discussed how this project could/should line up with several overarching KCMO goals. Identified subconsultant responsible for Envision (T&B - Regan Brotherton).	Clearly Documented	Standard response on overall perspective on sustainability. No specific mention of KC Water Envision Playbook, its application and determination of level of accomplishment working collaboratively with KC Water.	Clearly Documented	Articulated their thought process on achieving Tier 3 credentials per KC Water Envision Playbook. Connection between identification of of envision credits and monitoring throughout the life of the project is somewhat undefined.	Clearly Documented	Proposal documented overall perspective on sustainability, Envision Tier 3 requirements, and a good listing of verified projects.	Clearly Documented	Proposal documented their overall perspective on sustainability, identification of Envision credit opportunities, the need to monitor throughout destion, and mentioned a trail/public connectivity as an opportunity to increase Envision Tier.
Proposal Quality and Presentation	Clearly Documented	Well articulated cover letter, good pictures/examples/diagrams/schedule /project alternatives. Overall, a high quality presentation/proposal.	Demonstrated	A professional looking proposal and the architectural renderings and vision for DMB Park are excellent. Proposal presentation/information is well articulated with clarity and in right amount of detail.	Clearly Documented	A very "wordy" proposal but general consensus that the correct information was presented with good graphics/images. Good renderings depicting the vision of DMB Park.	Unclear	Project Approach is poorly presented with a collection of thoughts and marketing content with no direct reference to the RFQ/P scope structure. No representative graphics/images of what "could be" were included.	Clearly Documented	Proposal presentation/information is provided with adequate detail. Overall, graphics/images are high quality and easy to understand. Lacking a vision of what could be in DMB Park.
CREO KC Form 13 in a Sealed Envelope	Yes		Yes		Yes		Yes		Yes	

¹ Experience summary is based on the content of each proposal with reference to critical elements of the project. For more detailed information, please review proposals from the respective firms.

² The level of comprehension and detail of project understanding/approach varies between firms. Please review proposals from the respective firms.

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² The level of comprehension and detail of project understanding/approach varies between firms. Please review proposals from the respective firms.

Rating Explanation

- DemonstratedInformation was well articulated & detailed, and presented demonstratively
- Clearly DocumentedInformation was clearly presented and understood
- DocumentedInformation was included but not detailed
- UnclearInformation included is not clear
- Not DocumentedInformation was not included