



Procurement Form (FOR)

Effective Date:
5/1/2019

Document #:
FSA_PRO_FOR_0039

Revision Date:
1/18/2022

Revision#:
1

Document Title:
Procurement Board Report-RFP

Document Owner/Department:
Procurement Team

Date: May 17, 2022
To: Suzanne R. Coffey, P.E., Chief Executive Officer
From: Daniel Edwards, Procurement Manager
Re: Procurement Report

General Information

Contract Number:	2101475	Project Owner:	Christopher Nastally
Contract Title:	CSO Facilities Improvements		
Vendor:	CDM Smith Michigan, Inc.		
Budget:	Capital Project		

Procurement Method

Competitively bid – Request for Proposal (RFP) Qualification Based Selection (QBS) – Evaluation Committee			
Advertised:	11/15/2021	Addendums released:	3
Buyer:	Gladys Cannon	Downloaded by:	101
Response due date:	01/24/2022	Responses received:	3

Cost Summary – CDM Smith Michigan, Inc.

Description	Proposed Cost	*Negotiated Cost
Task A – Project Management	\$909,301.00	\$909,301.00
Task B – Studies and Conceptual Design (30%)	1,561,380.00	1,561,380.00
Task C – Basis of Design Report	740,176.00	740,176.00
Task D – Preliminary Design (60%)	1,234,564.00	1,234,564.00
Task E – Pre-Final Design (90%)	930,691.00	930,691.00
Task F – Final Design (100%)	406,241.00	406,241.00
Task G – Procurement Assistance	112,752.00	112,752.00
Task H – Construction Assistance/Construction Engineering	1,670,992.00	1,670,992.00
Task I – System Operations and Maintenance Manuals and Training	285,890.00	285,890.00
Task J – Document Management and Records Turnover	69,200.00	69,200.00
Task K – Allowance for Surveying and Land Acquisition Services		
Task L – Allowance for Construction Phase Materials Testing Services	50,000.00	50,000.00
Task M – Allowance for GLWA and authorized extra work	200,000.00	200,000.00



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	450,000.00	450,000.00
Totals	\$8,621,187.00	\$8,621,187.00

**GLWA negotiated additional scope of services for the same price as proposed. GLWA received additional services in the following areas:*

- 1) *Physical model for the Oakwood storm wet well,*
- 2) *CFD modeling for the Oakwood Basin focused on improving the hydraulic efficiency and mixing performance of the well,*
- 3) *Evaluate pre-procurement of storm pumps as a means to reduce the construction schedule and overall construction cost,*
- 4) *Analyze the benefits of the addition of baffle walls to improve the mixing characteristics of the basin,*
- 5) *Sit with operations staff during a wet weather event and a normal dry weather scenario taking notes, photos, video as appropriate and utilize this reconnaissance as inputs/insights to the how-and-why behind operational procedures and practices to guide the evaluation of the critical pumping systems,*
- 6) *Evaluate multi-rake and plate screens in addition to side channel to resolve the current screenings collection and removal operational and maintenance issues,*
- 7) *Provide a digital environment that fully immerses GLWA stakeholders in a virtual world augmented by design overlays on the physical world. This will allow staff (such as O&M team members) to collaborate in real-time without having to simply rely on the review of traditional 2-D drawings and specifications to provide input and become a part of the design process,*
- 8) *Evaluate optimizing the chlorine disinfection process using Integrated CT (ICT) dose pacing at Oakwood and Leib. Studies have shown this approach is able to reduce chlorine consumption by up to 50% while achieving bacteria permit limits,*
- 9) *Set up the water quality data analysis so that the use of a Machine Learning Dosing Model can be evaluated, once sufficient data is collected, for further optimization of the chlorine disinfection process.*

The evaluation team found in the evaluations, oral interviews, and negotiations that the CDM Smith Michigan, Inc. proposal was the most clearly defined, had the best approach, and team to lead this project. The CDM team, consisting of highly experienced senior engineers had by far the most exceptionally qualified members consisting of national leaders in their fields of expertise, particularly hydraulics and disinfection who have worked together on national projects. These team members will be dedicating 60% of their time to this project, providing added value, quality, and consistency.

Provisionary Allowance is an amount included in the Contract Price to reimburse the Contractor for the cost to furnish and perform Work that is uncertain. Any remaining balance upon Final Completion shall be retained by the GLWA and not paid to the Contractor.

Benchmarking was completed by comparing the proposals for this project. This analysis confirmed that rates are in competitive range. The rate comparisons and allowances (if any) are illustrated in the attached cost tabulation.



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Evaluation Committee: (Designation - Organization)

A - GLWA Director

B - GLWA Engineer

C - GLWA Engineer

D - GLWA Engineer

Evaluation Score(s) - Maximum Score Possible: 100

The Evaluation Committee independently reviewed and scored the proposals in accordance with GLWA's policy. The rankings are below.

Vendor (Highest to lowest score)	Score without B.I.D.	Score with B.I.D.
CDM Smith Michigan, Inc.	84.19	87.19
Wade Trim Associates, Inc.	70.37	73.37
Jacobs Consultants	68.19	70.19

Vendor Name	B.I.D. Plan (Pass/Fail)	Score w/o B.I.D.	State of Michigan (1 pt.)	GLWA Territory Area (1 pt.)	Economically Disadvantaged Territory (1 pt.)	Score w/B.I.D.	Certifications
CDM Smith Michigan, Inc.	Pass	84.19	1	1	1	87.19	Yes
Wade Trim Associates, Inc.	Pass	70.37	1	1	1	73.37	Yes
Jacobs Consultants	Pass	68.19	1	1	0	70.19	Yes

Business Inclusion and Diversity (B.I.D.)

B.I.D. program required B.I.D. program not required

The recommended vendor for award submitted a B.I.D. plan per the requirements under this solicitation.

The recommended vendor for award did not submit a B.I.D. plan per the requirements under this solicitation.

The vendor received points for the following scored criteria:

Business presence in State of Michigan

Business presence in GLWA service territory area (list the territory)



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Business presence in economically disadvantaged GLWA service territory area (list the territory)

Other Data Requested by GLWA Board Members for Recommended Vendor

Minority Business Enterprise (MBE): No
Small Business Enterprise (SBE): No
Woman Business Enterprise (WBE): No
Disadvantaged Business Enterprise (DBE): No
Detroit Based Business (DBB): Yes
Other: N/A

Sub-Contractor(s) List:
Applied Science, Inc.
METCO Services, Inc.
Process Controls and Instrumentation, LLC
Spalding DeDecker
Somat Engineering, Inc.

Vendor Response Survey: N/A

Litigation

This vendor is not currently nor has been previously involved in any litigation with the GLWA.

Financials

A financial risk assessment was performed by the GLWA via Dun & Bradstreet and was determined that the selected vendor has the financial capacity to perform the tasks under this contract. This information is available for the Board of Directors to review upon request.

Previous Contract

Previous contract holder: N/A