



Waukesha Water Utility

SERVING WAUKESHA SINCE 1886

115 DELAFIELD STREET
WAUKESHA, WI 53188-3615

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MEMORANDUM

DATE: April 15, 2021
TO: Dan Duchniak, P.E.
FROM: Kelly Zylstra, P.E.
RE: Booster Pumping Station, Reservoirs and Water Tower Contract Package 3 & 3A

The bids for the Great Water Alliance Contract Package 3 & 3A Booster Pumping Station, Reservoirs and Water Tower were opened at 10:00 a.m. on Tuesday, April 13, 2021. There were four (4) bidders which are shown in the table below. Action by the Board of Public Works is scheduled for their meeting on April 22, 2021, at 5:30 p.m. and action by the Common Council is scheduled to occur at their May 4, 2021 meeting.

Contractor	Overall Bid Total
C.D. Smith Construction, Inc. Fond du Lac, WI	\$34,791,371
Miron Construction Co., Inc. Neenah, WI	\$36,176,482
Walsh/Bendmark JV Chicago, IL 60607	\$42,992,000
Michels Infrastructure Brownsville, WI	\$44,889,145
Engineering Estimate	\$47,100,000

All contractors were pre-qualified, attended the mandatory pre-bid meeting, and acknowledged the five addendums that were issues. CD Smith has 47.4% local business participation planned, which exceeds the minimum specified of 30%.

None of the bidders were able to meet the utilization goal of 10% Disadvantage Business Enterprise (DBE). C.D. Smith appears to have six Good Faith Efforts in an effort to meet this goal, however, they only have 3.8% DBE participation planned. The PM and CM firms recommend that this issue be reviewed by the City Attorney to determined if the bid is compliant in this regard.

In concurrence with the Letter of Recommendation from Greeley & Hansen and Black & Veatch, Waukesha Water Utility recommends the below motion.

Recommended Motion: Move to approve the low bid, totaling \$34,791,371 with C.D Smith Construction, for the Booster Pumping Station, Reservoirs and Water Tower Contract Package 3 & 3A contingent upon City Attorney review of the bid.

April 15, 2021

Daniel S. Duchniak, PE
City of Waukesha
Waukesha Water Utilities
P.O Box 1648
Waukesha, WI 53187

Subject: Waukesha Water Utilities, City of Waukesha, Wisconsin, Contract Package 3 – Booster Pumping Station Bid Report

Dear Mr. Duchniak:

Bids were received, opened and read aloud via conference call at 10:00 A.M., on April 13, 2021. We have tabulated and reviewed the proposals for Contract Package 3. Our findings are as follows:

1. Proposals Received

Proposals were received from the following firms:

- C.D. Smith Construction, Inc.
- Walsh/ Benchmark JV
- Michels Infrastructure
- Miron Construction Co., Inc.

All Bidders were pre-qualified and in attendance at the mandatory Pre-bid Conference for General Contractors held on March 2, 2021.

All Bidders acknowledged receipt of Addendum Nos. 1, 2, 3, 4, and 5.

The proposals are summarized in the attached Bid Tabulation. All proposals are below the Engineer's Opinion of Probable Construction Cost with C.D. Smith Construction, Inc. being the apparent low bidder.

2. Irregularities

The following irregularities are noted:

- No bidder (as shown in the attached Bid Evaluation table) met the Disadvantaged Business Enterprise (DBE) percentage goals.
- The apparent low bidder had two different values for Contract Item 1 between the Bid Form and QuestCDN worksheet. This has been corrected with no change to the overall cost.

3. Contingent Conditions

No contingent conditions were listed by any Bidder.

4. Disadvantaged Business Enterprises (DBE) and Local Business Requirements

Please note that the project will receive funding through United State Environmental Protection Agency and Wisconsin Department of Natural Resources. There are specific requirements for Disadvantaged Business Enterprises (DBE) goals that were included in the bid submittals. It appears that the Six Good

Faith Efforts were utilized for the apparent low bidder. The City Attorney should review the requirements to determine if the bid is compliant in this regard.

The Waukesha Water Utility set requirements for Local participation and goals for DBE participation. The documentation provided by C.D. Smith Construction, Inc. indicates that the DBE participation is 3.8% and the local business participation is 47.4%.

5. Qualifications of Apparent Low Bidder

C.D. Smith Construction, Inc., the apparent low bidder, is a General Contractor headquartered in Fond du Lac, Wisconsin. Their submitted experience includes construction of public works facilities, including the following projects:

- New solids handling facility (R2E2), NEW Water, Green Bay, Wisconsin
- Facility Upgrade, Johnson Creek WWTP, Johnson Creek, Wisconsin
- Water Booster Station, Milwaukee Regional Medical Center, Wauwatosa, Wisconsin
- Electrical distribution and emergency generator, NEW Water, De Pere, Wisconsin
- Regionalization Improvements, Salem WWTP, Salem, Wisconsin


Greeley and Hansen and Black & Veatch have checked the submitted project references and they were found to be satisfactory. C.D. Smith Construction, Inc. appears to be a General Contractor that has the capacity to satisfactorily complete the Waukesha Water Utility Contract Package 3 – Booster Pumping Station project.

We recommend the City Attorney review the proposal of C.D. Smith Construction, Inc. to determine if it is legal and binding. Contingent on this review and approval by the Board, we recommend the Waukesha Water Utilities, City of Waukesha, Wisconsin, Contract Package 3 – Booster Pumping Station contract be awarded to, C.D. Smith Construction, Inc., in the amount of \$ 34,791,371. A "Notification of Intent to Award" letter, conditioned upon approval by the Waukesha Water Utilities Commission and City of Waukesha Common Council under the SRF program, should be forwarded to C.D. Smith Construction, Inc.


Yours very truly,

GREELEY AND HANSEN LLC


BLACK AND VEATCH




 Andrew J. Martin, P.E., ENV SP
 Principal



 Paul Boersma, P.E.
 Associate Vice President



 Catherine Richardson, P.E., ENV SP
 Program Manager



 James R. Cobb, CCM, CPC
 Construction Manager

AJM/RMC/CRV/JRC/PB
Enclosure

cc: Ms. Kelly Zylstra, PE, Operations Manager

**Waukesha Water Utility
Great Water Alliance
Great Lakes Water Supply Program**

Contract Package 3
Bid Tab Evaluation

PROJECT: Contract Package 3 - Booster Pumping Station and Water Tower
BID OPENING DATE: April 13, 2021 at 10:00 AM CDT
BID OPENING LOCATION: Virtual Teleconference via Zoom
TABULATOR:

BIDDER NUMBER / ORDER OPENED:		1	2	3	4	
DATE RECEIVED:		4/13/2021	4/13/2021	4/13/2021	4/13/2021	
CONTRACTOR:		CD Smith Construction, Inc.	Walsh/Benchmark JV	Michels Corporation	Miron Construction Company, Inc.	
BID SUBMISSION ADMINISTRATIVE REQUIREMENTS						
1	Bid received sealed, via Quest Construction Data Network (QuestCDN)?	April 13, 2021 at 10:00 AM CDT	Y	Y	Y	Y
2	Bidder is pre-qualified?		Y	Y	Y	Y
3	Bidder attended Pre-Bid Conference?	March 2, 2021 10:00 AM CDT	Y	Y	Y	Y
BID FORM GENERAL REQUIREMENTS						
1	Article 1 through Article 3 - All blanks filled in appropriately?		Y	Y	Y	Y
2	Article 3 - All issued addenda acknowledged?	5 Addendum(a)	Y	Y	Y	Y
3	Article 6 - Basis of Bid table filled out completely?		Y	Y	Y	Y
4	Article 6 - Total Computed Price in words equals the amount in figures?		Y	Y	Y	Y
5	Article 6 - Enter bidder's Total Computed Price:		\$ 34,791,371.00	\$ 42,992,000.00	\$ 44,889,145.00	\$ 36,176,482.00
	Article 6 - Base Bid Price Alternative offered?		NO	NO	NO	NO
6	Article 6 - One equipment manufacturer circled for each equipment item?		Y	Y	Y	Y
7	Article 10 - All appropriate blanks filled out and bid signed by officers and notarized?		Y	Y	Y	Y
8	Article 10 - Subcontracted Work Form completed?		Y	Y	Y	Y
8A	<i>Trenching and Excavating Subcontractor(s):</i>					
8B	<i>Underground Utility Installation Subcontractor(s):</i>		August Winter & Sons, Inc.			August Winter & Sons, Inc.
8C	<i>Trenchless Technologies Subcontractor(s) - Jack and Bore:</i>					
8D	<i>Trenchless Technologies Subcontractor(s) - Horizontal Directional Drill:</i>					
8E	<i>Electrical Subcontractor(s):</i>		NEXT Electric, LLC	NEXT Electric, LLC	NEXT Electric, LLC	NEXT Electric, LLC
8F	<i>Mechanical Subcontractor(s):</i>		J.F. Ahem Company	J.F. Ahem Company	J.F. Ahem Company	J.F. Ahem Company
8G	<i>Plumbing Subcontractor(s):</i>					
8H	<i>Water Tower Subcontractor(s):</i>		McDermott	Caldwell	McDermott	McDermott
8I	<i>Reservoir Subcontractor(s):</i>		DN Tanks	DN Tanks	DN Tanks	DN Tanks
8J	<i>Other:</i>		Edgerton			Edgerton
9	Select First-Tier Subcontractors are appropriately pre qualified?		Y	Y	Y	Y
10	Bid is not conditional or qualified?		Y	Y	Y	Y

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CONTRACTOR:		CD Smith Construction, Inc.	Walsh/Benchmark JV	Michels Corporation	Miron Construction Company, Inc.
BID FORM ARTICLE 8 ATTACHMENT REQUIREMENTS					
1	Bid security provided and bid bond form completed, if applicable?	Y	Y	Y	Y
2	Enter amount of security in dollars:	\$ 1,739,568.55	\$ 2,149,600.00	\$ 2,244,457.25	\$ 1,808,824.10
3	List of Proposed Subcontractors provided?	Y	Y	Y	Y
4	Proposed First-Tier Subcontractors are pre-qualified?	Y	Y	Y	Y
5	Evidence of authority to do business in the state of Wisconsin OR a written covenant provided?	Y	Y	Y	Y
6	Certification of Debarment (00 32 00) completed?	Y	Y	Y	Y
7	Disadvantaged Business Enterprise (DBE) Participation (00 82 50) forms completed?	Y	Y	Y	Y
8	Disadvantaged Business Enterprise (DBE) Commitment Form (00 73 39) and DBE Certifications completed?	Y	Y	Y	Y
9	Disadvantaged Business Enterprise (DBE)	Goal: 10%	3.8%	4.0%	2.3%
9A	DBE #1 Contract Amount:	\$ 1,005,000.00	\$ 1,005,000.00	\$ 1,005,000.00	\$ 1,005,000.00
9B	DBE #2 Contract Amount:	\$ 123,500.00	\$ 102,000.00	\$ 8,518.75	\$ 8,519.00
9C	DBE #3 Contract Amount:	\$ 177,860.00	\$ 182,000.00		
9D	DBE #4 Contract Amount:		\$ 127,800.00		
9E	DBE #5 Contract Amount:		\$ 8,518.00		
9F	DBE #6 Contract Amount:		\$ 300,000.00		
9G	DBE #7 Contract Amount:				
9H	DBE #8 Contract Amount:				
9I	DBE #9 Contract Amount:				
9J	DBE #10 Contract Amount:				
10	Local Business Commitment Form (00 73 39) completed?	Y	Y		Y
11	Local Business Participation	Requirement: 30%	47.4%	33.3%	49.9%
11A	Local Business #1 Contract Amount:	\$ 2,095,000.00	\$ 102,000.00	\$ 6,975,000.00	\$ 3,275,000.00
11B	Local Business #2 Contract Amount:	\$ 3,400,000.00	\$ 182,000.00	\$ 8,518.75	\$ 2,461,989.00
11C	Local Business #3 Contract Amount:	\$ 5,075,000.00	\$ 127,800.00	\$ 4,210,000.00	\$ 2,020,000.00
11D	Local Business #4 Contract Amount:	\$ 2,400,000.00	\$ 8,518.00	\$ 2,553,298.00	\$ 5,075,000.00
11E	Local Business #5 Contract Amount:	\$ 433,000.00	\$ 184,000.00	\$ 8,652,000.00	\$ 1,116,851.00
11F	Local Business #6 Contract Amount:	\$ 115,936.00	\$ 620,000.00		
11G	Local Business #7 Contract Amount:	\$ 462,500.00	\$ 83,383.00		
11H	Local Business #8 Contract Amount:	\$ 2,200,000.00	\$ 69,600.00		
11I	Local Business #9 Contract Amount:	\$ 123,500.00	\$ 50,000.00		
11J	Local Business #10 Contract Amount:	\$ 177,860.00	\$ 50,000.00		
11K	Local Business #11 Contract Amount:		\$ 225,490.00		
11L	Local Business #12 Contract Amount:		\$ 226,058.00		
11M	Local Business #13 Contract Amount:		\$ 484,600.00		
11N	Local Business #14 Contract Amount:		\$ 94,800.00		
11O	Local Business #15 Contract Amount:		\$ 74,290.00		
11P	Local Business #16 Contract Amount:		\$ 335,000.00		
11Q	Local Business #17 Contract Amount:		\$ 300,000.00		
11R	Local Business #18 Contract Amount:		\$ 2,461,259.00		
11S	Local Business #19 Contract Amount:		\$ 8,652,000.00		
11T	Local Business #20 Contract Amount:	\$ 1,005,000.00	\$ 1,005,000.00	\$ 1,005,000.00	\$ 1,005,000.00
12	Notice to Labor Unions or Other Organizations of Workers - Nondiscrimination in Employment (00 82 40) complete?	Y	Y	Y	Y
13	U.S. Environmental Protection Agency Certification of Non-segregated Facilities (00 82 30) complete?	Y	Y	Y	Y
14	Provided methodology plan, current employee list, organization chart with key personnel identified, resumes for key personnel, equipment list, RME/RMO list?	Y	Y	Y	Y
14A	Comprehensive plan, methodology and sequencing for performing proposed work (Score 0-10):	10	10	10	10

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CONTRACTOR:		CD Smith Construction, Inc.	Walsh/Benchmark JV	Michels Corporation	Miron Construction Company, Inc.
14B	List of all current employees and their classification (Score 0-10) :	10	10	-	-
14C	Organization chart with key personnel identified (Score 0-10) :	10	10	10	10
14D	Resumes for identified key personnel (Score 0-10) :	10	10	10	10
14E	Project References (Score 0-10) :	10	-	10	10
14F	List of equipment owned by the contractor and available for use on this project (Score 0-10) :	10	10	10	10
14G	List of Responsible Managing Employees (RME) and Managing Officers (RMO) (Score 0-10) :	10	10	10	10

BASIS OF BID								
ITEM	BID ITEM DESCRIPTION	UNIT	EST. QTY.	ENGINEER EST.				
1	Construction of all structures, equipment and site work except for work specifically included under other Contract Items	LS	1	\$ 40,356,203.00	\$ 30,230,516.00	\$ 37,585,500.00	\$ 38,550,000.00	\$ 30,818,616.00
2	Pre-Negotiated price for Process Integration for the lump sum price of one million five thousand dollars and zero cents.	LS	1	\$ 1,005,000.00	\$ 1,005,000.00	\$ 1,005,000.00	\$ 1,005,000.00	\$ 1,005,000.00
3	Additional Earth Excavation	Cu. Yds.	175	\$ 33.41	\$ 5.00	\$ 25.00	\$ 40.00	\$ 11.00
4	Additional Drainage Fill Material, complete in place	Cu. Yds.	60	\$ 37.43	\$ 55.00	\$ 40.00	\$ 73.00	\$ 53.00
5	Additional Select Fill Material, complete in place	Cu. Yds.	100	\$ 44.12	\$ 40.00	\$ 60.00	\$ 66.00	\$ 68.00
6	Additional Pipe Bedding Material, complete in place	Cu. Yds.	25	\$ 33.44	\$ 70.00	\$ 40.00	\$ 79.00	\$ 43.00
7	Additional Common Fill Material, complete in place	Cu. Yds.	35	\$ 26.77	\$ 15.00	\$ 25.00	\$ 99.00	\$ 11.00
8	Additional Class D Concrete, complete in place	Cu. Yds.	125	\$ 534.58	\$ 700.00	\$ 450.00	\$ 665.00	\$ 250.00
9	Additional coated reinforcing steel, complete in place	Cu. Yds.	500	\$ 2.72	\$ 2.00	\$ 1.20	\$ 3.00	\$ 1.00
10	For the construction of all structures of the Water Tower up to and including the connection to the manhole for the overflow and as well as piping to ten feet outside of Water Tower foundation wall. The lump sum also includes the conduit to ten feet outside of the foundation wall but no wiring. All electrical, instrumentation and controls, piping, floor drains and clear water drain lines, lighting, heating, outlets, and accessories as shown and specified.	LS	1	\$ 5,254,052.00	\$ 3,126,905.00	\$ 4,000,000.00	\$ 4,896,100.00	\$ 3,977,751.00
Allowance Items								
11	Management and disposal of unanticipated impacted soil and groundwater	AL	1	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
12	Management, removal and disposal of unknown underground storage tanks	AL	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
13	arranging and coordinating with the Utility Company We Energies for permanent electrical power and gas service at the BPS	AL	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
14	For MC&E for fiber optic work to design, coordinate and oversee the installation of fiber optic cable through the conduit installed as part of this contract and Contract Package 2B, from the Booster Pumping Station to an existing City of Waukesha fiber handhole at the southwest corner of Les Paul Parkway and E Broadway	AL	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
15	For Security Subcontractor work as specified in section 28 10 00 and 28 23 00	AL	1	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00

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CONTRACTOR:	CD Smith Construction, Inc.	Walsh/Benchmark JV	Michels Corporation	Miron Construction Company, Inc.

ADDITIONAL REQUIREMENT CALCULATIONS				
Computed Bid Value Less Mobilization (Bid Item 2 to Bid Item A5):	\$ 34,791,371.00	\$ 42,992,000.00	\$ 44,889,145.00	\$ 36,176,482.00
Total Computed Bid Value:	\$ 34,791,371.00	\$ 42,992,000.00	\$ 44,889,145.00	\$ 36,176,482.00
Percentage of Engineer's Estimate: \$47,027,715.00	73.98%	91.42%	95.45%	76.93%
Total Computed Bid Value Rank (Low = favorable):	1	3	4	2
Bid Security is at least 5% of Bid Value? Requirement: 5%	Y	Y	Y	Y
Is bid disqualified/rejected (late, not pre-qualified, did not attend pre-bid meeting)?	N	N	N	N
Total Computed Bid Value is equal to Bidder's Total Computed Bid Value?	Y	Y	Y	Y

download quest worksheets

BEST VALUE SCORING SUMMARY		WEIGHT	CD Smith Construction, Inc.	Walsh/Benchmark JV	Michels Corporation	Miron Construction Company, Inc.
Total Computed Bid Value:	35%	35.0	11.7	0.0	23.3	
DBE Utilization:	15%	5.6	6.0	3.4	4.2	
Local Business Utilization:	15%	15.0	15.0	15.0	15.0	
Plan / Methodology:	10%	10.0	10.0	10.0	10.0	
Current Employee List:	2%	2.0	2.0	0.0	0.0	
Organization Chart:	2%	2.0	2.0	2.0	2.0	
Résumés:	5%	5.0	5.0	5.0	5.0	
References:	12%	12.0	0.0	12.0	12.0	
Equipment List:	2%	2.0	2.0	2.0	2.0	
RME/RMO List:	2%	2.0	2.0	2.0	2.0	
TOTAL:	100%	91	56	51	76	

Best Value Bid	↑			
Administrative Notes	Review bid for compliance with non-scored items. See cell(s) that is/are highlighted red.	Review bid for compliance with non-scored items. See cell(s) that is/are highlighted red.	Review bid for compliance with non-scored items. See cell(s) that is/are highlighted red.	Review bid for compliance with non-scored items. See cell(s) that is/are highlighted red.