



Rochelle Municipal Utilities
Water/Water Reclamation
Interoffice Memorandum

To: David Plyman

From: Adam Lanning

Date: May 29, 2015

Re: Council Approval for Construction Contract's 1A, 1B, 2 and 3

Upon the request of RMU staff Fehr Graham along with Willett, Hofmann & Associates have completed initial design for a water main extension along Steward road to Hayes road and a new tower and well building at this location. The industrial corridor has increased demand for water on the south side of town, particularly the ethanol plant (CHS) and Rochelle Foods which are using close to half of the total water supplied. The average demand for water in 2004 was approximately 1.9 million gallons per day while in 2014 it was 3.0 MGD.

This project is broken down to 4 different contracts with the drilling and development already completed in 2013. The city held a bid opening on May 27th for the construction phase of this project and I recommend awarding the following construction contracts. The following 4 proposed contracts are to complete construction of a new water main, tower, well house and well pump and are broken down as follows:

Contract 1A (Well Building)

Low Bidder: Ceroni Construction Management, Belvidere IL

Construct a Well Building	
Electrical	
HVAC	
Chemical Feed Equipment	
Site Piping, Valves, Fittings and Hydrants	
Landscaping	
Site Backup Generator (Alternate Bid)	\$93,864
Base Bid	\$969,000
Total	\$1,062,864

Contract 1B (Well Pump)

Low Bidder: Midwest Well Services d/b/a Municipal Well and Pump, Waupan WI

Furnish and Install a 1300 gpm Pump and Motor	
Furnish and Install 10" Column Piping	
Furnish and Install Power Cable	
Furnish and Install Pitless Adaptor	
Disinfect and Test Pump the Well	
Total	\$165,479

Contract 2 (Connecting Water Main)
Low Bidder: Fischer Excavating Inc. Freeport IL

Furnish and Install 3500 ft of 16" Main
Furnish and Install all Valves, Hydrants and Fittings
Removal and Replacement of Pavement
Total

\$343,345.79

Contract 3 (Constructing a New Water Tower)
Low Bidder: CB&I Constructors Inc. Plainfield IL

Furnish and Install 750,000 Gallon Spheroid Style Elevated Storage Tank
Furnish and Install Fencing
Final Grading
Asphalt Paving
Site Water Main Piping
Disinfect Tower
Total

\$2,223,900

Based on the current circumstances, I recommend that the City accept the proposed construction contract's 1A, 1B, 2 and 3 totaling \$3,795,588.79. This cost does not reflect final engineering for the project. Make note in contract 1A the alternate bid. This is to install a back-up generator on site and Ceroni Construction was the low bidder for the alternate bid as well. I recommend awarding the alternate bid to Ceroni Construction.

Total project costs including drilling the well, construction, engineering and contingency equals 4,918,580.64. Funding of this project will be done through a low interest IEPA loan for \$4,548,580.64 along with \$370,000 of RMU funds. At the time of the first payment we will have \$764,000 available in our IEPA loan fund account and the current rate structure includes capital recovery revenue to make the annual payment of \$283,845.47.

Cc: Adam Lanning, Water/Water Reclamation

ROCHELLE MUNICIPAL UTILITIES
 CITY OF ROCHELLE, ILLINOIS
 WATER DIVISION
 CONTRACT No. 1A - WELL BUILDING FOR WELL No. 12
 WFA No. 1018D12

TABULATION OF BIDS

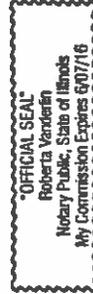
BID OPENING: May 27, 2015
 11:00 a.m.
 Rochelle City Hall

CONTRACTOR	Carroll Construction Management Behnders, IL	Larson & Larson Builders, Inc. Loves Park, IL	D.J. Skelley Construction Co., Inc. Pesu, IL	Stenshem General Contractor Rockford, IL	Laander Construction, Inc. Canton, IL	Spatom & Sons, Inc. Rockford, IL	Brown Construction Company Milledgeville, IL
Addenda Nos.	✓	✓	✓	✓	✓	✓	✓
3							
00 41 13-11	✓	✓	✓	✓	✓	✓	✓
Signature Page							
00 41 50 1-2	10% Bid Bond	5% Bid Bond	5% Bid Bond	5% Bid Bond	5% Bid Bond	10% Bid Bond	5% Bid Bond
Bid Bond							
00 41 60-1	✓	✓	✓	✓	✓	✓	✓
Tax Certification							
00 41 70-1	✓	✓	✓	✓	✓	✓	✓
Non-Collusion Affidavit of Prime Bidder							
00 41 80 1-2	✓	✓	✓	✓	✓	✓	✓
Statement of Bidder's Qualifications							
DBE Business Package	✓	✓	✓	✓	✓	✓	✓
00 73 16-16	✓	✓	✓	✓	✓	✓	✓
Certification of Nonsegregated Facilities							
00 73 16-17	✓	✓	✓	✓	✓	✓	✓
Notice to Labor Unions or Other Organizations of Workers ...							
00 73 16-18	✓	✓	✓	✓	✓	✓	✓
Certification Regarding Debarment, Suspension, & Other ...							
00 73 16-24	✓	✓	✓	✓	✓	✓	✓
Bidder Certification in Compliance with Article 33E...							
00 73 16-38	✓	✓	✓	✓	✓	✓	✓
Bidder Certification Regarding the Use of American Iron and Steel...							
BASE BID LUMP SUM PRICE - WELL BUILDING FOR WELL #12	969,000.00	998,820.00	1,031,935.00	1,074,000.00	1,090,900.00	1,280,000.00	1,280,000.00
ALTERNATE BID #1 LUMP SUM PRICE - GENERATOR	93,864.00	110,000.00	99,575.00	121,000.00	114,800.00	115,000.00	125,000.00
TOTAL LUMP SUM BID PROPOSAL	1,062,864.00	1,108,820.00	1,131,510.00	1,195,000.00	1,205,700.00	1,395,000.00	1,405,000.00

The undersigned hereby certifies that he has carefully compared the foregoing tabulation with the executed copy of the proposals submitted by the bidders and that this is a true and correct record of such proposals, which were publicly opened and read aloud on May 27, 2015 at the City Hall in Rochelle, Illinois.

[Signature]
 Willett, Hofmann & Associates, Inc.

ATTEST: *[Signature]*
 Notary Public



Willett, Hofmann and Associates, Inc.
 Consulting Engineers

ROCHELLE MUNICIPAL UTILITIES
 CITY OF ROCHELLE, ILLINOIS
 WATER DIVISION
 CONTRACT No. 1B - WELL PUMP FOR WELL No. 12
 WHA No. 1018D12

TABULATION OF BIDS

BID OPENING: May 27, 2015
 11:00 a.m.
 Rochelle City Hall

ENGINEER'S ESTIMATE: \$220,000.00

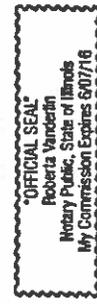
CONTRACTOR	Midwest Well Services d/b/a Municipal Well & Pump Waupun, WI	Layne Christensen Company Aurora, IL	Great Lakes Water Resources Grp Joliet, IL
Addenda Nos.	1	✓	✓
Signature Page	00 41 13-11	✓	✓
Bid Bond	00 41 50 1-2	5% Bid Bond	5% Bid Bond
Tax Certification	00 41 60-1	✓	✓
Non-Collusion Affidavit of Prime Bidder	00 41 70-1	✓	✓
Statement of Bidder's Qualifications	00 41 80 1-2	✓	✓
DBE Business Package		Incomplete *	✓
Certification of Nonsegregated Facilities	00 73 16-16	✓	✓
Notice to Labor Unions or Other Organizations of Workers ...	00 73 16-17	✓	✓
Certification Regarding Debarment, Suspension, & Other ...	00 73 16-18	✓	✓
Bidder Certification In Compliance with Article 33E ...	00 73 16-24	✓	✓
Bidder Certification Regarding the Use of American Iron and Steel...	00 73 16-38	✓	✓
LUMP SUM BID PROPOSAL FOR WELL PUMP FOR WELL No. 12	165,479.00	174,812.00	188,850.00

* DBE Requirements state that the newspaper advertisement for disadvantaged businesses must be published a minimum of 16 days before the bid opening. Layne Christensen's ad was published 13 days before the bid opening.

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[Signature]
 Willett, Hofmann & Associates, Inc.

ATTEST: *[Signature]*
 Roberta Vanderlin
 Notary Public



Willett, Hofmann and Associates, Inc.
 Consulting Engineers

ROCHELLE MUNICIPAL UTILITIES
 CITY OF ROCHELLE, ILLINOIS
 WATER DIVISION
 CONTRACT No. 3 - WELL No. 12 ELEVATED STORAGE TANK
 WHA No. 1018D12

TABULATION OF BIDS

BID OPENING: May 27, 2015
 11:00 a.m.
 Rochelle City Hall

ENGINEER'S ESTIMATE: \$2,130,000.00

CONTRACTOR	CB&I Constructors, Inc. Plainfield, IL	Caldwell Tanks, Inc. Louisville, KY	Phoenix Fabricators and Erectors, Inc. Avon, IN	Landmark Structures I, L.P. Fort Worth, TX
Addenda Nos.	✓	✓	✓	✓
Signature Page	✓	✓	✓	✓
Bid Bond	5% Bid Bond	5% Bid Bond	5% Bid Bond	5% Bid Bond
Tax Certification	✓	✓	✓	✓
Non-Collusion Affidavit of Prime Bidder	✓	✓	✓	✓
Statement of Bidder's Qualifications	✓	✓	✓	✓
DBE Business Package	✓	✓	✓	✓
Certification of Nonsegregated Facilities	✓	✓	✓	✓
Notice to Labor Unions or Other Organizations of Workers ...	✓	✓	✓	✓
Certification Regarding Debarment, Suspension, & Other ...	✓	✓	✓	✓
Bidder Certification in Compliance with Article 33E...	✓	✓	✓	✓
Bidder Certification Regarding the Use of American Iron and Steel...	✓	✓	✓	✓
BASE BID LUMP SUM PRICE - WATER SPHEROID STYLE TANK	2,223,900.00	2,517,000.00	2,806,118.00	No Bid
ALTERNATE BID #1 LUMP SUM PRICE - COMPOSITE STYLE TANK	No Bid	2,604,000.00	No Bid	2,585,000.00

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[Signature]
 Willett, Hofmann & Associates, Inc.

ATTEST: *[Signature]*
 Notary Public



Willett, Hofmann and Associates, Inc.
 Consulting Engineers

Old Tabulation
STEWART ROAD AND HAYES ROAD WATER MAIN IMPROVEMENTS, City of Rochelle, IL
 Project No. 12-187A

No.	Code	Description	Fischer Excavating, Inc. 1567 N Heine Rd Freeport, IL 61032		Go Excavating, Inc. 447 S. Hancock Ave. Freeport, IL 61032		Martin E. Co. Excavating 2456 East Pleasant Grove Rd Oregon, IL 61061		Northern Illinois Service Co. 4781 Sandy Hollow Road Rockford, IL 61109		O'Brien Civil Works Inc. 7495 Auburn Road Polo, IL 61084		Stark and Son Trenching, Inc. 459628 Robinson Road Hampshire, IL 60140			
			Quantity	Unit	Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total
1		PVC WATERMAIN, 16"	1367	LF	\$55.82	\$ 187,666.84	\$90.00	\$ 302,380.00	\$49.60	\$ 166,755.20	\$80.00	\$ 268,800.00	\$56.00	\$ 188,272.00	\$77.50	\$ 106,555.00
2		DUCTILE IRON WATERMAIN, 16"	75	LF	\$110.77	\$ 8,307.75	\$160.00	\$ 12,000.00	\$160.00	\$ 12,000.00	\$160.00	\$ 12,000.00	\$200.00	\$ 15,000.00	\$190.00	\$ 14,250.00
3		STEEL CASING, PUSH & BORED, 30"	65	LF	\$443.19	\$ 28,807.35	\$400.00	\$ 26,000.00	\$515.00	\$ 33,475.00	\$500.00	\$ 32,500.00	\$450.00	\$ 29,250.00	\$500.00	\$ 31,500.00
4		GATE VALVE, COMPLETE, 16"	7	EA	\$5,166.98	\$ 36,168.86	\$5,500.00	\$ 38,500.00	\$5,750.00	\$ 40,250.00	\$5,000.00	\$ 35,000.00	\$4,000.00	\$ 28,000.00	\$4,800.00	\$ 33,600.00
5		FIRE HYDRANT ASSEMBLY, COMPLETE	4	EA	\$6,389.58	\$ 25,478.32	\$6,500.00	\$ 26,000.00	\$6,000.00	\$ 24,000.00	\$6,500.00	\$ 26,000.00	\$7,870.00	\$ 31,480.00	\$5,100.00	\$ 20,400.00
6		TRACER WIRE ACCESS BOX	8	EA	\$72.78	\$ 582.24	\$700.00	\$ 5,600.00	\$175.00	\$ 1,400.00	\$500.00	\$ 4,000.00	\$120.00	\$ 960.00	\$100.00	\$ 800.00
7		TEE, 16" x 16"	1	EA	\$2,877.40	\$ 2,877.40	\$4,000.00	\$ 4,000.00	\$3,500.00	\$ 3,500.00	\$1,500.00	\$ 1,500.00	\$4,040.00	\$ 4,040.00	\$2,275.00	\$ 2,275.00
8		45 DEGREE BEND, 16"	2	EA	\$784.13	\$ 1,568.26	\$1,100.00	\$ 2,200.00	\$1,100.00	\$ 2,200.00	\$1,500.00	\$ 3,000.00	\$1,325.00	\$ 2,650.00	\$900.00	\$ 1,800.00
9		PLUG, 16"	2	EA	\$1,692.76	\$ 3,385.52	\$2,500.00	\$ 5,000.00	\$2,500.00	\$ 5,000.00	\$2,500.00	\$ 5,000.00	\$4,300.00	\$ 8,600.00	\$1,500.00	\$ 3,000.00
10		22-1/2 DEGREE BEND, 16"	2	EA	\$1,638.92	\$ 3,277.84	\$2,500.00	\$ 5,000.00	\$2,500.00	\$ 5,000.00	\$2,500.00	\$ 5,000.00	\$4,300.00	\$ 8,600.00	\$1,500.00	\$ 3,000.00
11		11-1/4 DEGREE BEND, 16"	4	EA	\$1,654.33	\$ 6,617.32	\$2,500.00	\$ 10,000.00	\$1,750.00	\$ 7,000.00	\$2,200.00	\$ 8,800.00	\$4,300.00	\$ 17,200.00	\$1,500.00	\$ 3,000.00
12		WATERMAIN QUALITY MATERIAL SLEEVE	115	LF	\$109.99	\$ 12,648.85	\$150.00	\$ 17,250.00	\$245.00	\$ 28,175.00	\$170.00	\$ 19,550.00	\$215.00	\$ 24,725.00	\$45.00	\$ 7,475.00
13		CONNECT TO EXISTING WATERMAIN	1	EA	\$4,254.71	\$ 4,254.71	\$5,000.00	\$ 5,000.00	\$3,800.00	\$ 3,800.00	\$2,500.00	\$ 2,500.00	\$2,700.00	\$ 2,700.00	\$6,500.00	\$ 6,500.00
14		PERMANENT EROSION BARRIER	3300	LF	\$1.90	\$ 6,270.00	\$1.00	\$ 3,300.00	\$3.25	\$ 10,725.00	\$1.28	\$ 4,224.00	\$4.00	\$ 13,200.00	\$3.00	\$ 9,900.00
15		MULCH, METHOD 2	0-9	AC	\$8,154.27	\$ 7,338.84	\$4,500.00	\$ 4,050.00	\$7,500.00	\$ 6,750.00	\$4,600.00	\$ 4,140.00	\$2,600.00	\$ 2,070.00	\$4,400.00	\$ 3,960.00
16		BITUMINOUS PAVEMENT REMOVAL AND REPLACEMENT	0-9	AC	\$1,711.11	\$ 1,540.00	\$4,200.00	\$ 3,780.00	\$4,200.00	\$ 3,780.00	\$380.00	\$ 342.00	\$175.00	\$ 157.50	\$5,750.00	\$ 5,175.00
17		AGGREGATE PAVEMENT REMOVAL AND REPLACEMENT	12	SY	\$284.80	\$ 3,417.60	\$250.00	\$ 3,000.00	\$10.00	\$ 130.00	\$300.00	\$ 3,600.00	\$15.00	\$ 187.50	\$200.00	\$ 2,400.00
18		REMOVE AND REPLACE 18" CMP	33	SY	\$11.01	\$ 363.33	\$40.00	\$ 1,320.00	\$10.00	\$ 330.00	\$25.00	\$ 825.00	\$15.00	\$ 495.00	\$25.00	\$ 825.00
19		REMOVE AND REPLACE 18" CMP	74	LF	\$40.74	\$ 3,014.76	\$40.00	\$ 1,600.00	\$48.00	\$ 3,552.00	\$45.00	\$ 4,810.00	\$50.00	\$ 3,700.00	\$50.00	\$ 3,700.00
Addendum No. 1					YES		YES		YES		YES		YES		YES	
Bid Security					Bond - 5%		Bond - 2.5%		Bond - 10%		Bond - 5%		Bond - 5%		Bond - 5%	
TOTALS (As Read)					\$343,345.78		\$480,210.00		\$363,042.20		\$391,932.00		\$398,932.00		\$441,615.00	
TOTALS (Calculated)					\$343,345.78		\$480,210.00		\$363,042.20		\$398,932.00		\$441,615.00		\$441,615.00	

I certify that the above tabulation is in my best interest.

Brandy Williams
 Name, Title
FEHR GRAHAM
 CONSULTANTS

Project Engineer

