



Memorandum

To: Dale Berman, Village President & Board of Trustees

Cc: Steven Bosco, Village Administrator

From: John Laskowski, Public Works Director

Date: September 12, 2019

Re: Rejection of Bids for Site & Electrical Work at Well 8 & 9

The Village received bids for the proposed Site & Electrical Work at Wells 8 & 9. Staff is recommending the rejection of bids because we only received one bid and that bid is significantly over budget. Staff and Rempe-Sharpe Engineering have identified options moving forward to reduce the cost of the project. These options are listed in the attached Rempe-Sharpe memo and are currently being evaluated by staff.



REMPE-SHARPE
& Associates, Inc.

Principals

J. Bibby P.E. S.E.
D. Watson P.E.
B. Aderman P.E.
B. Bennett P.E. CFM
L. Vo P.E.

CONSULTING ENGINEERS

324 West State Street
Geneva, Illinois 60134
Phone: 630/232-0827 - Fax: 630/232-1629

September 11, 2019

Village of North Aurora
25 East State Street
North Aurora, IL 60542

Attn: John Laskowski

Re: Well No. 8 & 9 - Site Work and Electrical

File: NA-469C, NA-583C

Dear Mr. Laskowski,

In accordance with the Advertisement for Bids, the Village of North Aurora opened bids for the Well No 8 and Well No 9 Site Work and Electrical on Friday, September 6, 2019. Prior to bidding, the Engineer sent out the Advertisement for Bids to sixteen (16) contractors and two (2) construction news journals. It was also advertised in the Daily Herald on August 5, 2019.

The project consists of consists of electrical power controls and instrumentation with related appurtenances and site work including piping, paving, fencing and related restoration, along with all work as set forth in the Contract Documents in the Village of North Aurora.

Six (6) contractors purchased plans and specifications for the project. Bids were submitted by one (1) contractor.

A summary of the Bid Proposals received is as follows:

<u>BIDDER</u>	<u>BASE BID</u>	<u>ALTERNATE BID</u>	<u>TOTAL BID</u>
Fitzgerald's Electrical Contracting, Inc., Big Rock, IL.	\$1,988,475.00	\$17,000.00	\$2,005,475.00
Engineer's Estimate	\$1,704,345.00	\$15,000.00	\$1,729,345.00

Village of North Aurora
Attn: John Laskowski

Well No.8 & 9 - Site Work and Electrical
September 11, 2019
Page 2 of 2

The lowest responsible Bidder, Fitzgerald's Electrical Contracting, Inc., total bid of \$1,988,475.00, was \$284,130.00 or 16.7%, higher than the Engineer's Total Base Bid Estimate of \$1,704,345.00.

The Village has a few options available. The Engineer has called the contractors that had picked up plans for this project but did not submit bids. The general consensus for the electrical contractors was that there was not enough electrical work for them to general the project. The well houses are manufactured building similar to Well No.7 with all of the electrical controls installed and tested before being delivered. The electrical work consists of the building's foundation along with underground conduits and conductors. The one general contractor that picked up plans said that they were too busy to general a small project.

Option 1: The Village could award the contract to the only bidder.

Option 2: The Village could reject this bid and rebid the project as:

2A: Two projects, Sitework as one and Electrical as the other. All electrical contractors said they would probably bid this option.

2B: Award the electrical portion to the Bidder, Fitzgerald's Electrical Contracting, Inc., as they were only \$44,000.00 or 3.5% over the electrical estimate of \$1,230,000.00, and Bid the sitework separately. The Contractor has stated that they are open to this idea.

2C: Directly purchase the buildings from the Village's specified SCADA vendor, Energenic's, and bid the rest of the work separately. The cost for the two buildings complete is \$784,000.00.

The Engineer recommends awarding at least the Electrical portion of this project to Fitzgerald's Electrical Contracting, Inc., and bid out the Sitework portion of the Project separately. Please let us know how the Village would like to proceed.

If there are any questions, please feel free to contact the undersigned.

Very truly yours,

REMPE-SHARPE AND ASSOCIATES, INC.
BY:

Daniel A. Watson, P.E.

C.C. Steve Bosco, Village of North Aurora
Bill Hannah, Village of North Aurora
Paul Young, Village of North Aurora

Bid Tabulation NA-469C, NA-583C

Well No 8 and Well No 9 Site Work and Electrical
Village of North Aurora

				ENGINEER'S ESTIMATE		FITZGERALD'S ELECTRIC CONTRACTING, INC. BIG ROCK, IL	
NO.	DESCRIPTION	TOTAL UNITS	UNIT	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED COST
1	12" DIP Watermain CL 52	120	LF	\$120.00	\$14,400.00	\$420.00	\$50,400.00
2	Polyethylene Encasement	120	LF	\$1.00	\$120.00	\$10.50	\$1,260.00
3	Fittings	1,000	LBS	\$5.00	\$5,000.00	\$31.50	\$31,500.00
4	Reinforced PPC Thrust Blocks	5	EA	\$250.00	\$1,250.00	\$26.25	\$131.25
5	12" Non-Pressure Connection	4	EA	\$4,000.00	\$16,000.00	\$7,350.00	\$29,400.00
6	Special Structure Assemblies						
6A	Reinforced Concrete Valve Pit Structure, Complete	2	EA	\$35,000.00	\$70,000.00	\$34,125.00	\$68,250.00
6B	60" Dia Meter Vault with Water Meter, Complete	2	EA	\$10,000.00	\$20,000.00	\$5,200.00	\$10,400.00
7	Water Sampling Station	2	EA	\$1,000.00	\$2,000.00	\$2,625.00	\$5,250.00
8	Trench Backfill	30	CY	\$40.00	\$1,200.00	\$47.25	\$1,417.50
9	Removal and Disposal of Unsuitable Material (as needed)	2,502	CY	\$40.00	\$100,080.00	\$31.50	\$78,813.00
10	Porous Granular Embankment (as needed)	2,502	CY	\$35.00	\$87,570.00	\$31.50	\$78,813.00
11	HMA Surface Removal, Butt Joint	10	SY	\$10.00	\$100.00	\$294.00	\$2,940.00
12	Earth Excavation	160	CY	\$40.00	\$6,400.00	\$267.75	\$42,840.00
13	Topsoil Excavation and Placement	250	CY	\$40.00	\$10,000.00	\$68.25	\$17,062.50
14	Aggregate Base Course, Type B, Min. 14"	600	TON	\$40.00	\$24,000.00	\$31.50	\$18,900.00
15	Geotechnical Fabric for Ground Stabilization, 8 oz.	850	SY	\$2.00	\$1,700.00	\$21.00	\$17,850.00
16	HMA Binder Course, IL-19.0, N-50, 1.5"	62	TON	\$90.00	\$5,580.00	\$330.75	\$20,506.50
17	HMA Surface Course, Mix D, N-50, 1.5"	62	TON	\$100.00	\$6,200.00	\$341.25	\$21,157.50
18	PCC Sidewalk, 5' Wide, with 4" Aggr. Base	275	SF	\$10.00	\$2,750.00	\$13.65	\$3,753.75
19	8" PCC Driveway with Mesh	25	SF	\$15.00	\$375.00	\$100.80	\$2,520.00
20	8" Dia. DIP Culvert	30	LF	\$50.00	\$1,500.00	\$141.75	\$4,252.50
21	Chainlink Fence with Concrete Posts	730	LF	\$60.00	\$43,800.00	\$46.75	\$34,127.50
22	Gate Assembly, Complete	2	EA	\$8,000.00	\$16,000.00	\$3,230.00	\$6,460.00
23	Water Valve Vault to be Adjusted (as needed)	2	EA	\$1,000.00	\$2,000.00	\$525.00	\$1,050.00
24	Seeding Class 1, with Fertilizers	3,200	SY	\$3.00	\$9,600.00	\$9.45	\$30,240.00
25	Erosion Control Blanket	3,200	SY	\$4.00	\$12,800.00	\$9.45	\$30,240.00
26	Silt Fence (Perimeter Erosion Control Barrier)	560	LF	\$7.00	\$3,920.00	\$5.25	\$2,940.00
27	Mobilization	2	LS	\$5,000.00	\$10,000.00	\$51,000.00	\$102,000.00
SITE WORK SUBTOTAL					\$474,345.00	\$714,475.00	
ELECTRICAL							
E1	Well No. 8 Electrical Facilities Complete including Building, Control Panel, VFD SCADA, Transformer and all Conduits and Wiring	1	LSUM	\$610,000.00	\$610,000.00	\$630,000.00	\$630,000.00
E2	Well No. 9 Electrical Facilities Complete including Building, Control Panel, VFD SCADA, Transformer and all Conduits and Wiring	1	LSUM	\$620,000.00	\$620,000.00	\$644,000.00	\$644,000.00
ELECTRICAL SUBTOTAL					\$1,230,000.00	\$1,274,000.00	
TOTAL				\$1,704,345.00	\$1,988,475.00		
ALTERNATE NO. 1							
A1	SCADA Antenna Pole Installed	2	LSUM	\$7,500.00	\$15,000.00	\$8,500.00	\$17,000.00