



Building a Better World
for All of Us®

February 29, 2016

Re: City of Lake Elmo
1,000,000 Gallon Inwood Water Tower (No. 4)
City Project No. 2015.13
SEH No. LAKMO 134653

Honorable Mayor and City Council
City of Lake Elmo
3800 Laverne Ave. N.
Lake Elmo, MN 55042

On Thursday, February 25, 2016, at 2:00 p.m., Four (4) bids were received for the referenced project. A summary is shown below in order of Base Bid.

	Contractor	Base Bid	Alternate A	Base Bid Plus Alt. A
1	CB&I Inc.	\$2,395,000.00	\$240,000.00	\$2,635,000.00
2	Phoenix Fabricators & Erectors	\$2,411,500.00	\$175,800.00	\$2,587,300.00
3	Landmark Structures	\$2,415,000.00	\$181,250.00	\$2,596,250.00
4	Caldwell Tanks, Inc.	\$2,458,000.00	\$171,000.00	\$2,629,000.00

Based on the Base Bid, the low bid received was submitted by CB&I Inc., of Plainfield, IL in the amount of \$2,395,000

If Alternate A is considered and the City desires to construct the optional mezzanine level, the low bid including Alternate A (mezzanine level) combination was submitted by, Phoenix Fabricators & Erectors, of Sebree, Kentucky.

In reliance on our experience with both contractors. and/or materials and information provided by the contractor(s), we have determined that 1) they have a sufficient understanding of the project and equipment to perform the construction for which it bid; and 2) according to their bonding agent they presently have the financial ability to complete the project bid.

Accordingly, we recommend the project be awarded based on the City's choice of Alternate A construction.

Please call if you have any questions.

Sincerely,

Chad Katzenberger
Project Engineer

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Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 3535 Vadnais Center Drive, St. Paul, MN 55110-5196

SEH is 100% employee-owned | sehinc.com | 651.490.2000 | 800.325.2055 | 888.908.8166 fax



TABULATION OF BIDS

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1,000,000 Gallon Inwood Water Tower (No. 4) City of Lake Elmo SEH No.: LAKMO 134653 Bid Date: February 25, 2016 at 2:00 p.m.	CB&I Inc. 14109 S. Route 59 Plainfield, IL 60544 \$2,635,000.00	Phoenix Fabricators & Erectors Address City, State Zip \$2,587,300.00	Landmark Structures Address City, State Zip \$2,596,250.00
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Item No.	Item	Unit	Est. Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
TOTAL BASE BID PRICE									
SITE & UTILITY WORK									
1	SITE GRADING	LS	1	16,000.00	16,000.00	20,000.00	20,000.00	40,000.00	40,000.00
2	ROCK CONSTRUCTION ENTRANCE	EACH	1	3,822.00	3,822.00	4,000.00	4,000.00	2,245.00	2,245.00
3	TRAFFIC CONTROL	LS	1	2,068.00	2,068.00	2,000.00	2,000.00	2,500.00	2,500.00
4	SUBGRADE EXCAVATION	CY	120	10.00	1,200.00	12.00	1,440.00	20.00	2,400.00
5	GEOTEXTILE FABRIC TYPE V	SY	200	6.00	1,200.00	7.00	1,400.00	5.00	1,000.00
6	ORGANIC TOPSOIL BORROW	CY	100	30.00	3,000.00	35.00	3,500.00	30.00	3,000.00
7	SELECT GRANULAR BORRW	CY	150	16.00	2,400.00	18.00	2,700.00	20.00	3,000.00
8	AGGREGATE BASE, CLASS 6	TON	1250	22.00	27,500.00	25.00	31,250.00	15.00	18,750.00
9	BIT WEARING COURSE MIX (WEA240B)	TON	65	99.00	6,435.00	110.00	7,150.00	80.00	5,200.00
10	BIT NON-WEARING COURSE MIX (WEB240B)	TON	65	99.00	6,435.00	110.00	7,150.00	80.00	5,200.00
11	TACK COAT	GAL	35	10.00	350.00	12.00	420.00	5.00	175.00
12	8" CONCRETE APRON	SF	350	25.00	8,750.00	30.00	10,500.00	12.00	4,200.00
13	4" CONCRETE WALK	SF	100	20.00	2,000.00	25.00	2,500.00	10.00	1,000.00
14	CONNECT TO EXISTING WATER MAIN	EACH	1	2,300.00	2,300.00	2,500.00	2,500.00	2,000.00	2,000.00
15	6" DIP WATER MAIN PIPE, CL. 52	LF	10	110.00	1,100.00	120.00	1,200.00	60.00	600.00
16	16" DIP WATER MAIN PIPE, CL. 52	LF	120	140.00	16,800.00	150.00	18,000.00	120.00	14,400.00
17	6" GATE VALVE & BOX	EACH	1	1,980.00	1,980.00	2,200.00	2,200.00	2,500.00	2,500.00
18	HYDRANT	EACH	1	4,864.00	4,864.00	5,000.00	5,000.00	5,000.00	5,000.00
19	DIP FITTINGS,	LB	700	2.50	1,750.00	3.00	2,100.00	10.00	7,000.00
20	POLYETHYLENE ENCASEMENT	LF	140	2.00	280.00	2.00	280.00	5.00	700.00
21	4' X 4' CATCH BASIN WITH GRATING	EACH	1	2,618.00	2,618.00	2,800.00	2,800.00	5,000.00	5,000.00
22	1.5" CLEAR ROCK	CY	16	76.00	1,216.00	80.00	1,280.00	75.00	1,200.00
23	GEOTEXTILE FABRIC TYPE I	SY	30	6.00	180.00	7.00	210.00	10.00	300.00
24	18" RCP STORM SEWER PIPE, CL. V	LF	90	68.00	6,120.00	75.00	6,750.00	60.00	5,400.00
25	18" RCP APRON W/TRASH GUARD	EACH	1	1,700.00	1,700.00	2,000.00	2,000.00	1,000.00	1,000.00
26	HAND PLACED RIP RAP, CL. III	CY	10	92.00	920.00	100.00	1,000.00	100.00	1,000.00



TABULATION OF BIDS

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1,000,000 Gallon Inwood Water Tower (No. 4) City of Lake Elmo SEH No.: LAKMO 134653 Bid Date: February 25, 2016 at 2:00 p.m.				CB&I Inc. 14109 S. Route 59 Plainfield, IL 60544 \$2,635,000.00		Phoenix Fabricators & Erectors Address City, State Zip \$2,587,300.00		Landmark Structures Address City, State Zip \$2,596,250.00	
Item No.	Item	Unit	Est. Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
27	GEOTEXTILE FABRIC TYPE IV	SY	37	3.00	111.00	4.00	148.00	10.00	370.00
28	PREASSEMBLED SILT FENCE	LF	500	2.25	1,125.00	3.00	1,500.00	4.00	2,000.00
29	STRAW BIOROLL	LF	1000	2.00	2,000.00	2.50	2,500.00	5.00	5,000.00
30	TEMPORARY SEEDING (MIX 22-111 WITH TYPE 1 MULCH)	ACRE	1.5	4,000.00	6,000.00	4,600.00	6,900.00	2,000.00	3,000.00
31	SEEDING (MIX 25-131 WITH FERTILIZER & HYDROMULCH)	ACRE	1.5	3,500.00	5,250.00	4,000.00	6,000.00	3,000.00	4,500.00
ELEVATED STORAGE TANK									
32	1.0 MG ELEVATED WATER TOWER CONCRETE COMPOSITE CONSTRUCTION AND ALL ASSOCIATED ITEMS NOT LISTED ABOVE.	LS	1	2,242,026.00	2,242,026.00	2,239,122.00	2,239,122.00	2,250,000.00	2,250,000.00
33	WATER TOWER CONTROL PANEL AND RTU (SEE APPENDIX B) - AS DESCRIBED IN ELECTRICAL	LS	1	15,500.00	15,500.00	16,000.00	16,000.00	15,360.00	15,360.00
TOTAL BASE BID PRICE					\$2,395,000.00	\$2,411,500.00	\$2,415,000.00		
ALTERNATE									
A	ALTERNATE A - ADD FOR CONSTRUCTION OF MEZZANINE LEVEL AND ASSOCIATED ITEMS OUTLINED IN THE DRAWINGS	LS	1	240,000.00	240,000.00	175,800.00	175,800.00	181,250.00	181,250.00
TOTAL BASE BID PRICE + ALTERNATE A					\$2,635,000.00	\$2,587,300.00	\$2,596,250.00		



TABULATION OF BIDS

4

1,000,000 Gallon Inwood Water Tower (No. 4) City of Lake Elmo SEH No.: LAKMO 134653 Bid Date: February 25, 2016 at 2:00 p.m.				Caldwell Tanks, Inc. 4000 Tower Road Louisville, KY 40219 \$2,629,000.00	
Item No.	Item	Unit	Est. Quantity	Unit Price	Total Price
TOTAL BASE BID PRICE					
SITE & UTILITY WORK					
1	SITE GRADING	LS	1	25,000.00	25,000.00
2	ROCK CONSTRUCTION ENTRANCE	EACH	1	2,500.00	2,500.00
3	TRAFFIC CONTROL	LS	1	1,500.00	1,500.00
4	SUBGRADE EXCAVATION	CY	120	12.00	1,440.00
5	GEOTEXTILE FABRIC TYPE V	SY	200	4.00	800.00
6	ORGANIC TOPSOIL BORROW	CY	100	26.00	2,600.00
7	SELECT GRANULAR BORRW	CY	150	21.00	3,150.00
8	AGGREGATE BASE, CLASS 6	TON	1250	21.00	26,250.00
9	BIT WEARING COURSE MIX (WEA240B)	TON	65	93.00	6,045.00
10	BIT NON-WEARING COURSE MIX (WEB240B)	TON	65	93.00	6,045.00
11	TACK COAT	GAL	35	3.00	105.00
12	8" CONCRETE APRON	SF	350	13.00	4,550.00
13	4" CONCRETE WALK	SF	100	10.00	1,000.00
14	CONNECT TO EXISTING WATER MAIN	EACH	1	2,200.00	2,200.00
15	6" DIP WATER MAIN PIPE, CL. 52	LF	10	50.00	500.00
16	16" DIP WATER MAIN PIPE, CL. 52	LF	120	117.00	14,040.00
17	6" GATE VALVE & BOX	EACH	1	2,200.00	2,200.00
18	HYDRANT	EACH	1	5,500.00	5,500.00
19	DIP FITTINGS,	LB	700	7.00	4,900.00
20	POLYETHYLENE ENCASEMENT	LF	140	6.00	840.00
21	4' X 4' CATCH BASIN WITH GRATING	EACH	1	3,500.00	3,500.00
22	1.5" CLEAR ROCK	CY	16	50.00	800.00
23	GEOTEXTILE FABRIC TYPE I	SY	30	3.50	105.00
24	18" RCP STORM SEWER PIPE, CL. V	LF	90	50.00	4,500.00
25	18" RCP APRON W/TRASH GUARD	EACH	1	2,000.00	2,000.00
26	HAND PLACED RIP RAP, CL. III	CY	10	90.00	900.00



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Item No.	Item	Unit	Est. Quantity	Unit Price	Total Price
27	GEOTEXTILE FABRIC TYPE IV	SY	37	6.00	222.00
28	PREASSEMBLED SILT FENCE	LF	500	2.50	1,250.00
29	STRAW BIOROLL	LF	1000	3.50	3,500.00
30	TEMPORARY SEEDING (MIX 22-111 WITH TYPE 1 MULCH)	ACRE	1.5	1,000.00	1,500.00
31	SEEDING (MIX 25-131 WITH FERTILIZER & HYDROMULCH)	ACRE	1.5	2,670.00	4,005.00
ELEVATED STORAGE TANK					
32	1.0 MG ELEVATED WATER TOWER CONCRETE COMPOSITE CONSTRUCTION AND ALL ASSOCIATED ITEMS NOT LISTED ABOVE.	LS	1	2,306,553.00	2,306,553.00
33	WATER TOWER CONTROL PANEL AND RTU (SEE APPENDIX B) - AS DESCRIBED IN ELECTRICAL	LS	1	18,000.00	18,000.00
TOTAL BASE BID PRICE					\$2,458,000.00
ALTERNATE					
A	ALTERNATE A - ADD FOR CONSTRUCTION OF MEZZANINE LEVEL AND ASSOCIATED ITEMS OUTLINED IN THE DRAWINGS	LS	1	171,000.00	171,000.00
TOTAL BASE BID PRICE + ALTERNATE A					\$2,629,000.00