

**BID TABULATIONS**  
**2018 WATER IMPROVEMENTS**  
**1,000,000 GALLON COMPOSITE TANK**  
**Emporia, Kansas**  
**Bid Letting September 11, 2018 at 2:00 PM**  
**EDA Project Number: 05-01-05884**  
**Owner Project Number: WP 1802**  
**Engineer Project Number: 17-1368E**  
**Design Engineer: BG Consultants, Inc.**

Item #	Description	Quantity	Unit	Engineer's Estimate		Caldwell Tanks		Landmark		CB&I LLC		Phoenix Fabricator	
				Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
<b>Base Bid</b>													
1.	Mobilization	1	Lump Sum	\$ 130,000.00	\$ 130,000.00	\$ 154,000.00	\$ 154,000.00	\$ 98,305.00	\$ 98,305.00	\$ 169,300.00	\$ 169,300.00	\$ 75,000.00	\$ 75,000.00
2.	1,000,000 Gallon Composite Elevated Storage Tank	1	Lump Sum	\$ 2,450,000.00	\$ 2,450,000.00	\$ 1,668,982.00	\$ 1,668,982.00	\$ 2,084,000.00	\$ 2,084,000.00	\$ 2,002,618.00	\$ 2,002,618.00	\$ 2,208,782.00	\$ 2,208,782.00
3.	Telemetry and Controls	1	Lump Sum	\$ 38,000.00	\$ 38,000.00	\$ 29,900.00	\$ 29,900.00	\$ 30,000.00	\$ 30,000.00	\$ 29,225.00	\$ 29,225.00	\$ 30,000.00	\$ 30,000.00
4.	Mixing System, Ammonia Feed, RCS	1	Lump Sum	\$ 120,000.00	\$ 120,000.00	\$ 201,300.00	\$ 201,300.00	\$ 150,000.00	\$ 150,000.00	\$ 191,776.00	\$ 191,776.00	\$ 200,000.00	\$ 200,000.00
5.	Mechanical	1	Lump Sum	\$ 14,000.00	\$ 14,000.00	\$ 42,900.00	\$ 42,900.00	\$ 177,000.00	\$ 177,000.00	\$ 41,910.00	\$ 41,910.00	\$ 40,000.00	\$ 40,000.00
6.	Electrical	1	Lump Sum	\$ 65,000.00	\$ 65,000.00	\$ 195,800.00	\$ 195,800.00	\$ 170,000.00	\$ 170,000.00	\$ 186,312.00	\$ 186,312.00	\$ 200,000.00	\$ 200,000.00
7.	Plumbing	1	Lump Sum	\$ 6,500.00	\$ 6,500.00	\$ 53,200.00	\$ 53,200.00	\$ 20,000.00	\$ 20,000.00	\$ 48,010.00	\$ 48,010.00	\$ 50,000.00	\$ 50,000.00
8.	Gas Chlorine System	1	Lump Sum	\$ 50,000.00	\$ 50,000.00	\$ 136,500.00	\$ 136,500.00	\$ 60,000.00	\$ 60,000.00	\$ 133,262.00	\$ 133,262.00	\$ 140,000.00	\$ 140,000.00
9.	Energy Dissipator	1	Lump Sum	\$ 8,000.00	\$ 8,000.00	\$ 6,100.00	\$ 6,100.00	\$ 5,000.00	\$ 5,000.00	\$ 5,942.00	\$ 5,942.00	\$ 6,000.00	\$ 6,000.00
10.	Overflow/Drain Structure	1	Lump Sum	\$ 4,000.00	\$ 4,000.00	\$ 18,200.00	\$ 18,200.00	\$ 6,000.00	\$ 6,000.00	\$ 17,719.00	\$ 17,719.00	\$ 17,000.00	\$ 17,000.00
11.	Tilt-A-Way Gate & Foundation	1	Lump Sum	\$ 30,000.00	\$ 30,000.00	\$ 25,000.00	\$ 25,000.00	\$ 40,300.00	\$ 40,300.00	\$ 24,403.00	\$ 24,403.00	\$ 23,000.00	\$ 23,000.00
12.	Structural Concrete Epoxy Coating	1	Lump Sum	\$ 2,000.00	\$ 2,000.00	\$ 69,700.00	\$ 69,700.00	\$ 2,000.00	\$ 2,000.00	\$ 68,010.00	\$ 68,010.00	\$ 70,000.00	\$ 70,000.00
13.	Construction Staking	1	Lump Sum	\$ 4,000.00	\$ 4,000.00	\$ 7,300.00	\$ 7,300.00	\$ 3,000.00	\$ 3,000.00	\$ 7,109.00	\$ 7,109.00	\$ 7,000.00	\$ 7,000.00
14.	Clearing & Grubbing	1	Lump Sum	\$ 5,000.00	\$ 5,000.00	\$ 36,800.00	\$ 36,800.00	\$ 3,000.00	\$ 3,000.00	\$ 35,968.00	\$ 35,968.00	\$ 40,000.00	\$ 40,000.00
15.	Seeding	1	Lump Sum	\$ 2,000.00	\$ 2,000.00	\$ 4,100.00	\$ 4,100.00	\$ 2,000.00	\$ 2,000.00	\$ 4,032.00	\$ 4,032.00	\$ 4,000.00	\$ 4,000.00
16.	Erosion Control	1	Lump Sum	\$ 2,000.00	\$ 2,000.00	\$ 7,700.00	\$ 7,700.00	\$ 2,000.00	\$ 2,000.00	\$ 7,533.00	\$ 7,533.00	\$ 7,000.00	\$ 7,000.00
17.	Structural Cast-In-Place Concrete (Reinforced)	64	Cu. Yd.	\$ 700.00	\$ 44,800.00	\$ 650.00	\$ 41,600.00	\$ 700.00	\$ 44,800.00	\$ 637.00	\$ 40,768.00	\$ 700.00	\$ 44,800.00
18.	16" Ductile Iron Pipe (In Place)	101	Lin. Ft.	\$ 160.00	\$ 16,160.00	\$ 450.00	\$ 45,450.00	\$ 120.00	\$ 12,120.00	\$ 435.00	\$ 43,935.00	\$ 450.00	\$ 45,450.00
19.	16" Motorized Butterfly Valve	1	Each	\$ 14,000.00	\$ 14,000.00	\$ 8,900.00	\$ 8,900.00	\$ 10,000.00	\$ 10,000.00	\$ 8,101.00	\$ 8,101.00	\$ 8,000.00	\$ 8,000.00
20.	8" SDR 35 PVC Sewer Pipe (In Place)	532	Lin. Ft.	\$ 45.00	\$ 23,940.00	\$ 90.00	\$ 47,880.00	\$ 30.00	\$ 15,960.00	\$ 85.00	\$ 45,220.00	\$ 90.00	\$ 47,880.00
21.	6" C900 PVC (In Place)	24	Lin. Ft.	\$ 45.00	\$ 1,080.00	\$ 50.00	\$ 1,200.00	\$ 50.00	\$ 1,200.00	\$ 48.00	\$ 1,152.00	\$ 50.00	\$ 1,200.00
22.	48" Standard Manhole	3	Each	\$ 4,000.00	\$ 12,000.00	\$ 5,000.00	\$ 15,000.00	\$ 5,000.00	\$ 15,000.00	\$ 4,881.00	\$ 14,643.00	\$ 5,000.00	\$ 15,000.00
23.	5-1/4" Fire Hydrant Assembly	1	Each	\$ 5,000.00	\$ 5,000.00	\$ 6,800.00	\$ 6,800.00	\$ 6,000.00	\$ 6,000.00	\$ 6,684.00	\$ 6,684.00	\$ 7,000.00	\$ 7,000.00
24.	Connect to Existing Waterline	1	Each	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,910.00	\$ 1,910.00	\$ 2,000.00	\$ 2,000.00
25.	Flowable Fill	16	Cu. Yd.	\$ 110.00	\$ 1,760.00	\$ 174.00	\$ 2,784.00	\$ 120.00	\$ 1,920.00	\$ 170.00	\$ 2,720.00	\$ 180.00	\$ 2,880.00
26.	6' Black Vinyl Chainlink Fence	788	Lin. Ft.	\$ 55.00	\$ 43,340.00	\$ 125.00	\$ 98,500.00	\$ 25.00	\$ 19,700.00	\$ 122.00	\$ 96,136.00	\$ 130.00	\$ 102,440.00
27.	8" Clean Crushed Gravel w/ Geotextile Fabric	3850	Sq. Yds.	\$ 16.00	\$ 61,600.00	\$ 17.00	\$ 65,450.00	\$ 10.00	\$ 38,500.00	\$ 16.98	\$ 65,373.00	\$ 18.00	\$ 69,300.00
28.	Concrete Pavement (8" Uniform)(AE)(NRDJ)	457	Sq. Yds.	\$ 90.00	\$ 41,130.00	\$ 100.00	\$ 45,700.00	\$ 75.00	\$ 34,275.00	\$ 101.00	\$ 46,157.00	\$ 110.00	\$ 50,270.00
29.	6" Aggregate Base (AB-3)	457	Sq. Yds.	\$ 12.00	\$ 5,484.00	\$ 12.00	\$ 5,484.00	\$ 10.00	\$ 4,570.00	\$ 11.67	\$ 5,333.19	\$ 14.00	\$ 6,398.00
30.	Aggregate Ditch Lining (d50=6")	10	Tons	\$ 100.00	\$ 1,000.00	\$ 87.00	\$ 870.00	\$ 35.00	\$ 350.00	\$ 85.00	\$ 850.00	\$ 90.00	\$ 900.00
31.	Hollow Metal Door and Frame	4	Each	\$ 600.00	\$ 2,400.00	\$ 3,000.00	\$ 12,000.00	\$ 1,500.00	\$ 6,000.00	\$ 2,971.00	\$ 11,884.00	\$ 3,000.00	\$ 12,000.00
32.	Overhead Coiling Door	2	Each	\$ 10,000.00	\$ 20,000.00	\$ 11,600.00	\$ 23,200.00	\$ 9,750.00	\$ 19,500.00	\$ 11,353.00	\$ 22,706.00	\$ 12,000.00	\$ 24,000.00
33.	Aluminum Window	1	Each	\$ 500.00	\$ 500.00	\$ 700.00	\$ 700.00	\$ 500.00	\$ 500.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00
<b>Base Bid Total =</b>				\$	<b>3,226,694.00</b>	\$	<b>3,081,000.00</b>	\$	<b>3,084,000.00</b>	\$	<b>3,387,401.19</b>	\$	<b>3,558,000.00</b>
<b>Bid Alternate #1</b>													
No	Description	Quantity	Units	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
34.	Two (2) 4" Rigid Aluminum Electrical Conduits	1	Lump Sum	\$ 24,750.00	\$ 24,750.00	\$ 20,200.00	\$ 20,200.00	\$ 21,300.00	\$ 21,300.00	\$ 19,682.00	\$ 19,682.00	\$ 24,000.00	\$ 24,000.00
35.	Two (2) 2" Rigid Aluminum Electrical Conduits	1	Lump Sum	\$ 11,250.00	\$ 11,250.00	\$ 10,100.00	\$ 10,100.00	\$ 10,700.00	\$ 10,700.00	\$ 9,814.00	\$ 9,814.00	\$ 12,500.00	\$ 12,500.00
<b>Bid Alternate #1 Total =</b>				\$	<b>36,000.00</b>	\$	<b>30,300.00</b>	\$	<b>32,000.00</b>	\$	<b>29,496.00</b>	\$	<b>36,500.00</b>
<b>Bid Alternate #2 - Deductions</b>													
No	Description	Quantity	Units	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
36.	8" Clean Crushed Gravel w/ Geotextile Fabric	(487)	Sq. Yds.	\$ 16.00	\$ (7,792.00)	\$ 16.00	\$ (7,792.00)	\$ 9.00	\$ (4,383.00)	\$ 17.40	\$ (8,473.80)	\$ 18.00	\$ (8,766.00)
<b>Bid Alternate #2 - Deductions Total =</b>				\$	<b>(7,792.00)</b>	\$	<b>(7,792.00)</b>	\$	<b>(4,383.00)</b>	\$	<b>(8,473.80)</b>	\$	<b>(8,766.00)</b>
<b>Bid Alternate #2 - Additions</b>													
No	Description	Quantity	Units	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
37.	Concrete Pavement (8" Uniform)(AE)(NRDJ)	487	Sq. Yds.	\$ 90.00	\$ 43,830.00	\$ 82.00	\$ 39,934.00	\$ 85.00	\$ 41,395.00	\$ 80.21	\$ 39,062.27	\$ 100.00	\$ 48,700.00
38.	6" Aggregate Base (AB-3)	487	Sq. Yds.	\$ 12.00	\$ 5,844.00	\$ 10.00	\$ 4,870.00	\$ 12.00	\$ 5,844.00	\$ 9.66	\$ 4,704.42	\$ 12.00	\$ 5,844.00
<b>Bid Alternate #2 - Total =</b>				\$	<b>41,882.00</b>	\$	<b>37,012.00</b>	\$	<b>42,856.00</b>	\$	<b>35,292.89</b>	\$	<b>45,778.00</b>
<b>Base Bid plus Bid Alternate Total Cost =</b>				\$	<b>3,304,576.00</b>	\$	<b>3,148,312.00</b>	\$	<b>3,158,856.00</b>	\$	<b>3,452,190.08</b>	\$	<b>3,640,278.00</b>

\*Discrepancies between the multiplication of units of Work and unit prices were resolved in favor of the unit prices.  
\*\*Discrepancies between the indicated sum of any column of figures and the correct sum thereof were resolved in favor of the correct sum.