

**City of Emporia, Kansas**  
**2018 Water System Improvements**  
**Kansas Ave. & Warren Way**  
**17-1368E**  
**May 8, 2018**

Phase A - Waterline Improvements			EOPC		Greeley Excavating		M-Con		Middlecreek		Nowak Construction		Carlson Utility		Emerson Construction		Orr Wyatt		BRB		Marsau Enterprises		
No	Description	Quantity	Units	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	Lump	Sum	\$20,000.00	\$20,000.00	\$1,000.00	\$1,000.00	\$40,200.00	\$40,200.00	\$10,000.00	\$10,000.00	\$17,500.00	\$17,500.00	\$15,000.00	\$15,000.00	\$21,431.00	\$21,431.00	\$21,800.00	\$21,800.00	\$30,000.00	\$30,000.00	\$75,000.00	\$75,000.00
2	Clearing and Grubbing	Lump	Sum	\$3,000.00	\$3,000.00	\$300.00	\$300.00	\$1,050.00	\$1,050.00	\$12,000.00	\$12,000.00	\$1,100.00	\$1,100.00	\$2,000.00	\$2,000.00	\$5,877.00	\$5,877.00	\$6,400.00	\$6,400.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00
3	Contractor Construction Staking	Lump	Sum	\$1,500.00	\$1,500.00	\$3,400.00	\$3,400.00	\$3,900.00	\$3,900.00	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00	\$4,737.00	\$4,737.00	\$8,500.00	\$8,500.00	\$6,500.00	\$6,500.00	\$5,000.00	\$5,000.00
4	Erosion Control	Lump	Sum	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00	\$5,500.00	\$5,500.00	\$1,200.00	\$1,200.00	\$4,000.00	\$4,000.00	\$1,263.00	\$1,263.00	\$4,300.00	\$4,300.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00
5	Seeding	Lump	Sum	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$2,800.00	\$2,800.00	\$1,200.00	\$1,200.00	\$805.00	\$805.00	\$5,000.00	\$5,000.00	\$1,895.00	\$1,895.00	\$2,100.00	\$2,100.00	\$4,100.00	\$4,100.00	\$3,500.00	\$3,500.00
6	Traffic Control	Lump	Sum	\$4,000.00	\$4,000.00	\$7,800.00	\$7,800.00	\$8,300.00	\$8,300.00	\$8,000.00	\$8,000.00	\$7,350.00	\$7,350.00	\$7,500.00	\$7,500.00	\$2,130.00	\$2,130.00	\$21,300.00	\$21,300.00	\$12,300.00	\$12,300.00	\$20,000.00	\$20,000.00
7	16" C900 PVC (In Place)	1250	Lin. Ft.	\$146.00	\$182,500.00	\$90.00	\$112,500.00	\$87.00	\$108,750.00	\$78.00	\$97,500.00	\$110.00	\$137,500.00	\$115.00	\$143,750.00	\$84.00	\$105,000.00	\$175.90	\$219,875.00	\$98.00	\$122,500.00	\$90.00	\$112,500.00
8	16" Ductile Iron (In Place)	40	Lin. Ft.	\$160.00	\$6,400.00	\$80.00	\$3,200.00	\$76.00	\$3,040.00	\$141.00	\$5,640.00	\$155.00	\$6,200.00	\$110.00	\$4,400.00	\$105.00	\$4,200.00	\$426.40	\$17,056.00	\$120.00	\$4,800.00	\$100.00	\$4,000.00
9	6" C900 PVC (In Place)	48	Lin. Ft.	\$45.00	\$2,160.00	\$60.00	\$2,880.00	\$43.00	\$2,064.00	\$52.00	\$2,496.00	\$88.00	\$4,224.00	\$100.00	\$4,800.00	\$78.00	\$3,744.00	\$149.20	\$7,161.60	\$76.00	\$3,648.00	\$50.00	\$2,400.00
10	16" Butterfly Valve	7	Each	\$4,000.00	\$28,000.00	\$3,100.00	\$21,700.00	\$3,250.00	\$22,750.00	\$3,990.00	\$27,930.00	\$4,100.00	\$28,700.00	\$3,500.00	\$24,500.00	\$3,923.00	\$27,461.00	\$4,260.00	\$29,820.00	\$3,900.00	\$27,300.00	\$6,000.00	\$42,000.00
11	12" Butterfly Valve	2	Each	\$2,000.00	\$4,000.00	\$2,100.00	\$4,200.00	\$2,150.00	\$4,300.00	\$2,567.00	\$5,134.00	\$2,550.00	\$5,100.00	\$1,900.00	\$3,800.00	\$2,317.00	\$4,634.00	\$2,985.00	\$5,970.00	\$2,260.00	\$4,520.00	\$3,500.00	\$7,000.00
12	8" Gate Valve	2	Each	\$1,000.00	\$2,000.00	\$1,400.00	\$2,800.00	\$1,300.00	\$2,600.00	\$1,642.00	\$3,284.00	\$1,600.00	\$3,200.00	\$1,400.00	\$2,800.00	\$1,498.00	\$2,996.00	\$1,920.00	\$3,840.00	\$1,525.00	\$3,050.00	\$1,600.00	\$3,200.00
13	6" Gate Valve	2	Each	\$800.00	\$1,600.00	\$1,100.00	\$2,200.00	\$1,100.00	\$2,200.00	\$961.00	\$1,922.00	\$1,200.00	\$2,400.00	\$1,100.00	\$2,200.00	\$1,026.00	\$2,052.00	\$1,490.00	\$2,980.00	\$1,125.00	\$2,250.00	\$1,350.00	\$2,700.00
14	4" RJ C900 PVC (Directional Drill)	449	Lin. Ft.	\$35.00	\$15,715.00	\$54.00	\$24,246.00	\$33.00	\$14,817.00	\$43.00	\$19,307.00	\$36.00	\$16,164.00	\$60.00	\$26,940.00	\$103.00	\$46,247.00	\$56.50	\$25,368.50	\$67.00	\$30,083.00	\$80.00	\$35,920.00
15	3/4" Type K Copper Service	332	Lin. Ft.	\$30.00	\$9,960.00	\$30.00	\$9,960.00	\$31.00	\$10,292.00	\$32.00	\$10,624.00	\$34.00	\$11,288.00	\$40.00	\$13,280.00	\$64.00	\$21,248.00	\$37.30	\$12,383.60	\$42.00	\$13,944.00	\$15.00	\$4,980.00
16	4" Gate Valves	2	Each	\$600.00	\$1,200.00	\$900.00	\$1,800.00	\$780.00	\$1,560.00	\$910.00	\$1,820.00	\$855.00	\$1,710.00	\$900.00	\$1,800.00	\$719.00	\$1,438.00	\$1,385.00	\$2,770.00	\$1,325.00	\$2,650.00	\$1,000.00	\$2,000.00
17	5-1/4" Fire Hydrant Assembly	3	Each	\$4,000.00	\$12,000.00	\$4,800.00	\$14,400.00	\$4,050.00	\$12,150.00	\$4,555.00	\$13,665.00	\$3,700.00	\$11,100.00	\$4,000.00	\$12,000.00	\$3,745.00	\$11,235.00	\$3,945.00	\$11,835.00	\$4,600.00	\$13,800.00	\$4,500.00	\$13,500.00
18	Connect to Existing Waterline	4	Each	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$2,150.00	\$8,600.00	\$3,163.00	\$12,652.00	\$2,350.00	\$9,400.00	\$3,500.00	\$14,000.00	\$4,100.00	\$16,400.00	\$2,130.00	\$8,520.00	\$1,275.00	\$5,100.00	\$7,500.00	\$30,000.00
19	Concrete Pipe Encasement	20	Lin. Ft.	\$150.00	\$3,000.00	\$40.00	\$800.00	\$62.00	\$1,240.00	\$120.00	\$2,400.00	\$285.00	\$5,700.00	\$50.00	\$1,000.00	\$126.00	\$2,520.00	\$319.80	\$6,396.00	\$126.00	\$2,520.00	\$150.00	\$3,000.00
20	Remove and Replace Pavement	893	Sq. Yd.	\$90.00	\$80,370.00	\$80.00	\$71,440.00	\$130.50	\$116,536.50	\$90.00	\$80,370.00	\$140.00	\$125,020.00	\$100.00	\$89,300.00	\$95.00	\$84,835.00	\$55.40	\$49,472.20	\$195.00	\$174,135.00	\$175.00	\$156,275.00
21	Remove and Replace Curb and Gutter (Concrete)	298	Lin. Ft.	\$50.00	\$14,900.00	\$35.00	\$10,430.00	\$103.75	\$30,917.50	\$42.00	\$12,516.00	\$100.00	\$29,800.00	\$50.00	\$14,900.00	\$41.00	\$12,218.00	\$37.30	\$11,115.40	\$132.00	\$39,336.00	\$120.00	\$35,760.00
22	Flowable Fill	798	Cu. Yd.	\$110.00	\$87,780.00	\$76.00	\$60,648.00	\$93.00	\$74,214.00	\$85.00	\$67,830.00	\$86.50	\$69,027.00	\$105.00	\$83,790.00	\$109.00	\$86,982.00	\$100.20	\$79,959.60	\$185.00	\$147,630.00	\$160.00	\$127,680.00
<b>Phase A Subtotal</b>				<b>\$490,585.00</b>	<b>\$364,704.00</b>	<b>\$474,281.00</b>	<b>\$405,790.00</b>	<b>\$495,488.00</b>	<b>\$480,260.00</b>	<b>\$470,543.00</b>	<b>\$558,922.90</b>	<b>\$665,166.00</b>	<b>\$708,915.00</b>										
Phase B - Waterline Improvements			Quantity	Units	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
23	Mobilization	Lump	Sum	\$35,000.00	\$35,000.00	\$3,000.00	\$3,000.00	\$60,600.00	\$60,600.00	\$36,000.00	\$36,000.00	\$3,600.00	\$3,600.00	\$8,000.00	\$8,000.00	\$35,975.00	\$35,975.00	\$36,300.00	\$36,300.00	\$50,000.00	\$50,000.00	\$75,000.00	\$75,000.00
24	Clearing and Grubbing	Lump	Sum	\$12,000.00	\$12,000.00	\$500.00	\$500.00	\$2,550.00	\$2,550.00	\$18,000.00	\$18,000.00	\$5,150.00	\$5,150.00	\$3,000.00	\$3,000.00	\$29,385.00	\$29,385.00	\$5,330.00	\$5,330.00	\$3,600.00	\$3,600.00	\$15,000.00	\$15,000.00
25	Contractor Construction Staking	Lump	Sum	\$6,500.00	\$6,500.00	\$5,100.00	\$5,100.00	\$5,800.00	\$5,800.00	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00	\$5,500.00	\$5,500.00	\$8,500.00	\$8,500.00	\$9,590.00	\$9,590.00	\$11,700.00	\$11,700.00	\$15,000.00	\$15,000.00
26	Erosion Control	Lump	Sum	\$8,500.00	\$8,500.00	\$500.00	\$500.00	\$2,950.00	\$2,950.00	\$7,100.00	\$7,100.00	\$3,700.00	\$3,700.00	\$20,000.00	\$20,000.00	\$6,316.00	\$6,316.00	\$6,400.00	\$6,400.00	\$14,900.00	\$14,900.00	\$20,000.00	\$20,000.00
27	Seeding	Lump	Sum	\$11,000.00	\$11,000.00	\$2,000.00	\$2,000.00	\$7,350.00	\$7,350.00	\$9,000.00	\$9,000.00	\$12,200.00	\$12,200.00	\$21,000.00	\$21,000.00	\$12,895.00	\$12,895.00	\$4,260.00	\$4,260.00	\$10,200.00	\$10,200.00	\$15,000.00	\$15,000.00
28	Traffic Control	Lump	Sum	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$7,850.00	\$7,850.00	\$7,400.00	\$7,400.00	\$6,950.00	\$6,950.00	\$7,000.00	\$7,000.00	\$2,130.00	\$2,130.00	\$8,530.00	\$8,530.00	\$11,900.00	\$11,900.00	\$15,000.00	\$15,000.00
29	Sitework (Berm Earthwork & Riprap Removal)	Lump	Sum	\$16,000.00	\$16,000.00	\$1,000.00	\$1,000.00	\$5,500.00	\$5,500.00	\$11,700.00	\$11,700.00	\$25,200.00	\$25,200.00	\$4,000.00	\$4,000.00	\$5,467.00	\$5,467.00	\$43,700.00	\$43,700.00	\$3,500.00	\$3,500.00	\$20,000.00	\$20,000.00
30	Marker/Test Stations	11	Each	\$1,000.00	\$11,000.00	\$100.00	\$1,100.00	\$288.00	\$3,168.00	\$130.00	\$1,430.00	\$190.00	\$2,090.00	\$200.00	\$2,200.00	\$297.00	\$3,267.00	\$106.60	\$1,172.60	\$225.00	\$2,475.00	\$900.00	\$9,900.00
31	16" C900 PVC (In Place)	5991	Lin. Ft.	\$75.00	\$449,325.00	\$65.00	\$389,415.00	\$40.50	\$242,635.50	\$61.00	\$365,415.00	\$69.00	\$413,379.00	\$80.00	\$479,280.00	\$73.00	\$437,343.00	\$108.70	\$651,221.70	\$87.00	\$521,217.00	\$90.00	\$539,190.00
32	16" RJ C900 PVC (Directional Drill)	789	Lin. Ft.	\$200.00	\$157,800.00	\$155.00	\$122,295.00	\$131.00	\$103,359.00	\$104.00	\$82,056.00	\$135.00	\$106,515.00	\$130.00	\$102,570.00	\$191.00	\$150,699.00	\$143.90	\$113,537.10	\$235.00	\$185,415.00	\$350.00	\$276,150.00
33	12" C900 PVC (In Place)	14	Lin. Ft.	\$80.00	\$1,120.00	\$60.00	\$840.00	\$35.50	\$497.00	\$81.00	\$1,134.00	\$120.00	\$1,680.00	\$100.00	\$1,400.00	\$161.00	\$2,254.00	\$373.10	\$5,223.40	\$85.00	\$1,190.00	\$100.00	\$1,400.00
34	10" C900 PVC (In Place)	38	Lin. Ft.	\$60.00	\$2,280.00	\$55.00	\$2,090.00	\$31.25	\$1,187.50	\$69.00	\$2,622.00	\$98.00	\$3,724.00	\$90.00	\$3,420.00	\$106.00	\$4,028.00	\$426.40	\$16,203.20	\$80.00	\$3,040.00	\$50.00	\$1,900.00
35	8" C900 PVC (In Place)	13	Lin. Ft.	\$50.00	\$650.00	\$50.00	\$650.00	\$29.50	\$383.50	\$36.00	\$468.00	\$100.00	\$1,300.00	\$80.00	\$1,040.00	\$94.00	\$1,222.00	\$319.80	\$4,157.40	\$78.00	\$1,014.00	\$50.00	\$650.00
36	16" Butterfly Valve	10	Each	\$4,000.00	\$40,000.00	\$3,100.00	\$31,000.00	\$3,275.00	\$32,750.00	\$3,990.00	\$39,900.00	\$4,150.00	\$41,500.00	\$3,400.00	\$34,000.00	\$3,969.00	\$39,690.00	\$4,265.00	\$42,650.00	\$3,900.00	\$39,000.00	\$6,000.00	\$60,000.00
37	12																						