

**FAMILY ENTERTAINMENT ZONE INFRASTRUCTURE IMPROVEMENTS PROJECT: PHASE 1
UNDERGROUND UTILITIES**

Engineers Estimate \$11,400,000-\$12,500,000

May 2, 2016

KNIFE RIVER CONSTRUCTION - STOCKTON, CA

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization / Demobilization	1	LS	\$634,000.00	\$634,000.00
2	Prepare and Implement Water Pollution Control Plan	1	LS	\$65,500.00	\$65,500.00
3	Furnish Construction Manager's Trailer	1	LS	\$55,850.00	\$55,850.00
4	Clearing and Grubbing	1	LS	\$29,500.00	\$29,500.00
5	Construct and Maintain Access Roads	1	LS	\$71,000.00	\$71,000.00
6	Traffic Control	1	LS	\$22,400.00	\$22,400.00
7	Site Demolition	1	LS	\$34,000.00	\$34,000.00
8	Tree Removal	1	LS	\$10,000.00	\$10,000.00
9	Dewatering	1	LS	\$812,000.00	\$812,000.00
10	Bypass Pumping and Temporary Facilities	1	LS	\$654,000.00	\$654,000.00
11	Furnish and Install 54-inch Storm Drain Pipe, Open-Cut	1,100	LF	\$243.00	\$267,300.00
12	Furnish and Install Storm Drain Manholes on 54-inch Storm Drain	3	EA	\$8,800.00	\$26,400.00
13	Furnish and Install 13 ft x 3 ft Box Culvert	10	LF	\$4,500.00	\$45,000.00
14	Construct Drain 7 / Daniels Street Junction Structure	1	LS	\$208,000.00	\$208,000.00
15	Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120	315	LF	\$3,300.00	\$1,039,500.00
16	Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1,590	LF	\$1,310.00	\$2,082,900.00
17	Furnish and Install 48-inch Sanitary Sewer, Open-Cut	2,500	LF	\$273.00	\$682,500.00
18	Construct Microtunnel Jacking Shaft, Sanitary Sewer	2	EA	\$64,000.00	\$128,000.00
19	Construct Microtunnel Receiving Shaft, Sanitary Sewer	3	EA	\$41,750.00	\$125,250.00
20	Furnish and Install Sanitary Sewer Manholes on 48-inch Sanitary Sewer	9	EA	\$28,000.00	\$252,000.00
21	Connect to Existing Sanitary Sewer at WQCF	1	LS	\$12,000.00	\$12,000.00
22	Connect to Existing Sanitary Sewer at Atherton Drive	1	LS	\$4,600.00	\$4,600.00
23	Furnish and Install 18-inch Potable Waterline, Open-Cut	1,200	LF	\$245.00	\$294,000.00
24	Furnish and Install 12-inch Potable Waterline, Open-Cut	50	LF	\$282.00	\$14,100.00
25	Furnish and Install 18-inch Potable Waterline and 42-inch Casing, Microtunnel at SR-120	300	LF	\$1,580.00	\$474,000.00
26	Construct Microtunnel Jacking Shaft, Potable Water	1	EA	\$38,000.00	\$38,000.00
27	Construct Microtunnel Receiving Shaft, Potable Water	1	EA	\$24,000.00	\$24,000.00
28	Furnish and Install 18-inch Butterfly Valves, Potable Water	2	EA	\$4,100.00	\$8,200.00
29	Furnish and Install 12-inch Gate Valves	5	EA	\$2,300.00	\$11,500.00
30	Connect to Existing Potable Water Mains	2	EA	\$6,100.00	\$12,200.00
31	Furnish and Install 18-inch Recycled Waterline, Open-Cut	760	LF	\$89.00	\$67,640.00
32	Furnish and Install 18-inch Butterfly Valves, Recycled Water	3	EA	\$3,500.00	\$10,500.00
33	Furnish and Install Recycled Water Valve Vault RW-01	1	LS	\$29,000.00	\$29,000.00
34	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$29,000.00	\$29,000.00
35	Recycled Water Service Connections	5	EA	\$5,650.00	\$28,250.00
36	Repurpose Existing Sanitary Sewer Force Main	3,300	LF	\$18.50	\$61,050.00
37	Connect to Existing Sanitary Sewer at Daniels Street	1	LS	\$15,000.00	\$15,000.00
38	Modify Existing 12-inch Storm Drain Force Main	1	LS	\$3,250.00	\$3,250.00
39	Regrade FCOC Channel	1	LS	\$8,700.00	\$8,700.00
40	Backfill Drain 8	1	LS	\$252,400.00	\$252,400.00
41	Construct Irrigation Field Protection Berms	1	LS	\$8,750.00	\$8,750.00
42	Irrigation Pipeline Reinforcement	1	LS	\$13,000.00	\$13,000.00
43	Relocate Existing 6-inch Sanitary Sewer Force Main	1	LS	\$8,350.00	\$8,350.00
44	Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension	40	LF	\$187.00	\$7,480.00
45	Protect in Place Existing 18-inch Sanitary Sewer Force Main	1	LS	\$1,600.00	\$1,600.00
46	Construct Electrical Service to Big League Dreams Storm Drain Pump Station	1	LS	\$24,200.00	\$24,200.00
TOTAL BASE BID ITEMS 1 - 46					\$8,705,870.00

ADDITIVE BID ITEM A					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1A	Clearing and Grubbing, FCOC Alignment	1	LS	\$21,000.00	\$21,000.00
2A	Construct Modified Drain 7/Daniels Street Junction Structure	1	LS	\$209,000.00	\$209,000.00
3A	Furnish and Install 8 ft x 4 ft Box Culvert	1,820	LF	\$540.00	\$982,800.00
4A	Bypass Pumping and Temporary Facilities at FCOC	1	LS	\$321,500.00	\$321,500.00
5A	Backfill FCOC Channel	1	LS	\$438,000.00	\$438,000.00
6A	Regrading FCOC Downstream of Box Culvert Connection	1	LS	\$4,350.00	\$4,350.00
7A	Construct Irrigation Field Protection Berm	1	LS	\$7,000.00	\$7,000.00
8A	Deduct for Base Bid Item 14, Construct Drain 7/ Daniels Street Junction Structure	1	LS	-\$208,000.00	-\$208,000.00
9A	Deduct for Base Bid Item 39, Regrade FCOC Channel	1	LS	-\$8,700.00	-\$8,700.00
TOTAL ADDITIVE BID ITEMS 1A - 9A					\$1,766,950.00
TOTAL BID ITEMS 1 - 46 AND 1A - 9A					\$10,472,820.00

ADDITIVE BID ITEM B					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1B	Incremental Cost to Furnish and Install 10 ft x 4 ft Box Culvert in Lieu of 8 ft x 4 ft Box Culvert	1,820	LF	\$480.00	\$873,600.00

**FAMILY ENTERTAINMENT ZONE INFRASTRUCTURE IMPROVEMENTS PROJECT: PHASE 1
UNDERGROUND UTILITIES**

Engineers Estimate \$11,400,000-\$12,500,000

May 2, 2016

MOZINGO CONSTRUCTION, INC. - OAKDALE, CA

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization / Demobilization	1	LS	\$550,000.00	\$550,000.00
2	Prepare and Implement Water Pollution Control Plan	1	LS	\$60,000.00	\$60,000.00
3	Furnish Construction Manager's Trailer	1	LS	\$120,000.00	\$120,000.00
4	Clearing and Grubbing	1	LS	\$75,000.00	\$75,000.00
5	Construct and Maintain Access Roads	1	LS	\$80,000.00	\$80,000.00
6	Traffic Control	1	LS	\$25,000.00	\$25,000.00
7	Site Demolition	1	LS	\$150,000.00	\$150,000.00
8	Tree Removal	1	LS	\$12,500.00	\$12,500.00
9	Dewatering	1	LS	\$741,000.00	\$741,000.00
10	Bypass Pumping and Temporary Facilities	1	LS	\$975,000.00	\$975,000.00
11	Furnish and Install 54-inch Storm Drain Pipe, Open-Cut	1,100	LF	\$325.00	\$357,500.00
12	Furnish and Install Storm Drain Manholes on 54-inch Storm Drain	3	EA	\$12,500.00	\$37,500.00
13	Furnish and Install 13 ft x 3 ft Box Culvert	10	LF	\$2,500.00	\$25,000.00
14	Construct Drain 7 / Daniels Street Junction Structure	1	LS	\$120,000.00	\$120,000.00
15	Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120	315	LF	\$4,800.00	\$1,512,000.00
16	Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1,590	LF	\$1,525.00	\$2,424,750.00
17	Furnish and Install 48-inch Sanitary Sewer, Open-Cut	2,500	LF	\$340.00	\$850,000.00
18	Construct Microtunnel Jacking Shaft, Sanitary Sewer	2	EA	\$150,000.00	\$300,000.00
19	Construct Microtunnel Receiving Shaft, Sanitary Sewer	3	EA	\$120,000.00	\$360,000.00
20	Furnish and Install Sanitary Sewer Manholes on 48-inch Sanitary Sewer	9	EA	\$28,000.00	\$252,000.00
21	Connect to Existing Sanitary Sewer at WQCF	1	LS	\$14,000.00	\$14,000.00
22	Connect to Existing Sanitary Sewer at Atherton Drive	1	LS	\$14,000.00	\$14,000.00
23	Furnish and Install 18-inch Potable Waterline, Open-Cut	1,200	LF	\$120.00	\$144,000.00
24	Furnish and Install 12-inch Potable Waterline, Open-Cut	50	LF	\$250.00	\$12,500.00
25	Furnish and Install 18-inch Potable Waterline and 42-inch Casing, Microtunnel at SR-120	300	LF	\$1,800.00	\$540,000.00
26	Construct Microtunnel Jacking Shaft, Potable Water	1	EA	\$125,000.00	\$125,000.00
27	Construct Microtunnel Receiving Shaft, Potable Water	1	EA	\$90,000.00	\$90,000.00
28	Furnish and Install 18-inch Butterfly Valves, Potable Water	2	EA	\$6,000.00	\$12,000.00
29	Furnish and Install 12-inch Gate Valves	5	EA	\$4,000.00	\$20,000.00
30	Connect to Existing Potable Water Mains	2	EA	\$4,000.00	\$8,000.00
31	Furnish and Install 18-inch Recycled Waterline, Open-Cut	760	LF	\$120.00	\$91,200.00
32	Furnish and Install 18-inch Butterfly Valves, Recycled Water	3	EA	\$4,000.00	\$12,000.00
33	Furnish and Install Recycled Water Valve Vault RW-01	1	LS	\$45,000.00	\$45,000.00
34	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$45,000.00	\$45,000.00
35	Recycled Water Service Connections	5	EA	\$7,500.00	\$37,500.00
36	Repurpose Existing Sanitary Sewer Force Main	3,300	LF	\$30.00	\$99,000.00
37	Connect to Existing Sanitary Sewer at Daniels Street	1	LS	\$15,000.00	\$15,000.00
38	Modify Existing 12-inch Storm Drain Force Main	1	LS	\$7,500.00	\$7,500.00
39	Regrade FCOC Channel	1	LS	\$55,000.00	\$55,000.00
40	Backfill Drain 8	1	LS	\$440,000.00	\$440,000.00
41	Construct Irrigation Field Protection Berms	1	LS	\$125,000.00	\$125,000.00
42	Irrigation Pipeline Reinforcement	1	LS	\$45,000.00	\$45,000.00
43	Relocate Existing 6-inch Sanitary Sewer Force Main	1	LS	\$10,000.00	\$10,000.00
44	Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension	40	LF	\$100.00	\$4,000.00
45	Protect in Place Existing 18-inch Sanitary Sewer Force Main	1	LS	\$10,000.00	\$10,000.00
46	Construct Electrical Service to Big League Dreams Storm Drain Pump Station	1	LS	\$45,800.00	\$45,800.00
TOTAL BASE BID ITEMS 1 - 46					\$11,093,750.00

ADDITIVE BID ITEM A					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1A	Clearing and Grubbing, FCOC Alignment	1	LS	\$14,000.00	\$14,000.00
2A	Construct Modified Drain 7/Daniels Street Junction Structure	1	LS	\$6,500.00	\$6,500.00
3A	Furnish and Install 8 ft x 4 ft Box Culvert	1,820	LF	\$440.00	\$800,800.00
4A	Bypass Pumping and Temporary Facilities at FCOC	1	LS	\$420,000.00	\$420,000.00
5A	Backfill FCOC Channel	1	LS	\$915,000.00	\$915,000.00
6A	Regrading FCOC Downstream of Box Culvert Connection	1	LS	\$54,000.00	\$54,000.00
7A	Construct Irrigation Field Protection Berm	1	LS	\$38,000.00	\$38,000.00
8A	Deduct for Base Bid Item 14, Construct Drain 7/ Daniels Street Junction Structure	1	LS	-\$25,000.00	-\$25,000.00
9A	Deduct for Base Bid Item 39, Regrade FCOC Channel	1	LS	-\$7,500.00	-\$7,500.00
TOTAL ADDITIVE BID ITEMS 1A - 9A					\$2,215,800.00
TOTAL BID ITEMS 1 - 46 AND 1A - 9A					\$13,309,550.00

ADDITIVE BID ITEM B					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1B	Incremental Cost to Furnish and Install 10 ft x 4 ft Box Culvert in Lieu of 8 ft x 4 ft Box Culvert	1,820	LF	\$260.00	\$473,200.00

**FAMILY ENTERTAINMENT ZONE INFRASTRUCTURE IMPROVEMENTS PROJECT: PHASE 1
UNDERGROUND UTILITIES**

Engineers Estimate \$11,400,000-\$12,500,000

May 2, 2016

SPIESS CONSTRUCTION CO, INC. - SANTA MARIA, CA

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization / Demobilization	1	LS	\$600,000.00	\$600,000.00
2	Prepare and Implement Water Pollution Control Plan	1	LS	\$60,000.00	\$60,000.00
3	Furnish Construction Manager's Trailer	1	LS	\$36,000.00	\$36,000.00
4	Clearing and Grubbing	1	LS	\$40,000.00	\$40,000.00
5	Construct and Maintain Access Roads	1	LS	\$100,000.00	\$100,000.00
6	Traffic Control	1	LS	\$24,000.00	\$24,000.00
7	Site Demolition	1	LS	\$40,000.00	\$40,000.00
8	Tree Removal	1	LS	\$4,000.00	\$4,000.00
9	Dewatering	1	LS	\$1,200,000.00	\$1,200,000.00
10	Bypass Pumping and Temporary Facilities	1	LS	\$800,000.00	\$800,000.00
11	Furnish and Install 54-inch Storm Drain Pipe, Open-Cut	1,100	LF	\$220.00	\$242,000.00
12	Furnish and Install Storm Drain Manholes on 54-inch Storm Drain	3	EA	\$17,000.00	\$51,000.00
13	Furnish and Install 13 ft x 3 ft Box Culvert	10	LF	\$1,500.00	\$15,000.00
14	Construct Drain 7 / Daniels Street Junction Structure	1	LS	\$160,000.00	\$160,000.00
15	Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120	315	LF	\$4,700.00	\$1,480,500.00
16	Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1,590	LF	\$1,635.00	\$2,599,650.00
17	Furnish and Install 48-inch Sanitary Sewer, Open-Cut	2,500	LF	\$525.00	\$1,312,500.00
18	Construct Microtunnel Jacking Shaft, Sanitary Sewer	2	EA	\$275,000.00	\$550,000.00
19	Construct Microtunnel Receiving Shaft, Sanitary Sewer	3	EA	\$220,000.00	\$660,000.00
20	Furnish and Install Sanitary Sewer Manholes on 48-inch Sanitary Sewer	9	EA	\$30,000.00	\$270,000.00
21	Connect to Existing Sanitary Sewer at WQCF	1	LS	\$20,000.00	\$20,000.00
22	Connect to Existing Sanitary Sewer at Atherton Drive	1	LS	\$55,000.00	\$55,000.00
23	Furnish and Install 18-inch Potable Waterline, Open-Cut	1,200	LF	\$100.00	\$120,000.00
24	Furnish and Install 12-inch Potable Waterline, Open-Cut	50	LF	\$100.00	\$5,000.00
25	Furnish and Install 18-inch Potable Waterline and 42-inch Casing, Microtunnel at SR-120	300	LF	\$2,500.00	\$750,000.00
26	Construct Microtunnel Jacking Shaft, Potable Water	1	EA	\$225,000.00	\$225,000.00
27	Construct Microtunnel Receiving Shaft, Potable Water	1	EA	\$225,000.00	\$225,000.00
28	Furnish and Install 18-inch Butterfly Valves, Potable Water	2	EA	\$4,000.00	\$8,000.00
29	Furnish and Install 12-inch Gate Valves	5	EA	\$3,500.00	\$17,500.00
30	Connect to Existing Potable Water Mains	2	EA	\$12,000.00	\$24,000.00
31	Furnish and Install 18-inch Recycled Waterline, Open-Cut	760	LF	\$100.00	\$76,000.00
32	Furnish and Install 18-inch Butterfly Valves, Recycled Water	3	EA	\$4,000.00	\$12,000.00
33	Furnish and Install Recycled Water Valve Vault RW-01	1	LS	\$12,000.00	\$12,000.00
34	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$16,000.00	\$16,000.00
35	Recycled Water Service Connections	5	EA	\$6,000.00	\$30,000.00
36	Repurpose Existing Sanitary Sewer Force Main	3,300	LF	\$20.00	\$66,000.00
37	Connect to Existing Sanitary Sewer at Daniels Street	1	LS	\$12,000.00	\$12,000.00
38	Modify Existing 12-inch Storm Drain Force Main	1	LS	\$14,000.00	\$14,000.00
39	Regrade FCOC Channel	1	LS	\$20,615.00	\$20,615.00
40	Backfill Drain 8	1	LS	\$252,000.00	\$252,000.00
41	Construct Irrigation Field Protection Berms	1	LS	\$18,000.00	\$18,000.00
42	Irrigation Pipeline Reinforcement	1	LS	\$25,000.00	\$25,000.00
43	Relocate Existing 6-inch Sanitary Sewer Force Main	1	LS	\$15,000.00	\$15,000.00
44	Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension	40	LF	\$375.00	\$15,000.00
45	Protect in Place Existing 18-inch Sanitary Sewer Force Main	1	LS	\$5,000.00	\$5,000.00
46	Construct Electrical Service to Big League Dreams Storm Drain Pump Station	1	LS	\$25,000.00	\$25,000.00
TOTAL BASE BID ITEMS 1 - 46					\$12,307,765.00

ADDITIVE BID ITEM A					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1A	Clearing and Grubbing, FCOC Alignment	1	LS	\$20,000.00	\$20,000.00
2A	Construct Modified Drain 7/Daniels Street Junction Structure	1	LS	\$185,000.00	\$185,000.00
3A	Furnish and Install 8 ft x 4 ft Box Culvert	1,820	LF	\$985.00	\$1,792,700.00
4A	Bypass Pumping and Temporary Facilities at FCOC	1	LS	\$200,000.00	\$200,000.00
5A	Backfill FCOC Channel	1	LS	\$400,000.00	\$400,000.00
6A	Regrading FCOC Downstream of Box Culvert Connection	1	LS	\$24,000.00	\$24,000.00
7A	Construct Irrigation Field Protection Berm	1	LS	\$6,000.00	\$6,000.00
8A	Deduct for Base Bid Item 14, Construct Drain 7/ Daniels Street Junction Structure	1	LS	-\$160,000.00	-\$160,000.00
9A	Deduct for Base Bid Item 39, Regrade FCOC Channel	1	LS	-\$20,615.00	-\$20,615.00
TOTAL ADDITIVE BID ITEMS 1A - 9A					\$2,447,085.00
TOTAL BID ITEMS 1 - 46 AND 1A - 9A					\$14,754,850.00

ADDITIVE BID ITEM B					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1B	Incremental Cost to Furnish and Install 10 ft x 4 ft Box Culvert in Lieu of 8 ft x 4 ft Box Culvert	1,820	LF	\$170.00	\$309,400.00

**FAMILY ENTERTAINMENT ZONE INFRASTRUCTURE IMPROVEMENTS PROJECT: PHASE 1
UNDERGROUND UTILITIES**

Engineers Estimate \$11,400,000-\$12,500,000
May 2, 2016

RANGER PIPELINES, INC. - SAN FRANCISCO, CA

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization / Demobilization	1	LS	\$500,000.00	\$500,000.00
2	Prepare and Implement Water Pollution Control Plan	1	LS	\$20,000.00	\$20,000.00
3	Furnish Construction Manager's Trailer	1	LS	\$48,000.00	\$48,000.00
4	Clearing and Grubbing	1	LS	\$250,000.00	\$250,000.00
5	Construct and Maintain Access Roads	1	LS	\$25,000.00	\$25,000.00
6	Traffic Control	1	LS	\$10,000.00	\$10,000.00
7	Site Demolition	1	LS	\$50,000.00	\$50,000.00
8	Tree Removal	1	LS	\$20,000.00	\$20,000.00
9	Dewatering	1	LS	\$200,000.00	\$200,000.00
10	Bypass Pumping and Temporary Facilities	1	LS	\$200,000.00	\$200,000.00
11	Furnish and Install 54-inch Storm Drain Pipe, Open-Cut	1,100	LF	\$670.00	\$737,000.00
12	Furnish and Install Storm Drain Manholes on 54-inch Storm Drain	3	EA	\$8,500.00	\$25,500.00
13	Furnish and Install 13 ft x 3 ft Box Culvert	10	LF	\$1,200.00	\$12,000.00
14	Construct Drain 7 / Daniels Street Junction Structure	1	LS	\$130,000.00	\$130,000.00
15	Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120	315	LF	\$3,300.00	\$1,039,500.00
16	Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1,590	LF	\$1,600.00	\$2,544,000.00
17	Furnish and Install 48-inch Sanitary Sewer, Open-Cut	2,500	LF	\$1,080.00	\$2,700,000.00
18	Construct Microtunnel Jacking Shaft, Sanitary Sewer	2	EA	\$245,000.00	\$490,000.00
19	Construct Microtunnel Receiving Shaft, Sanitary Sewer	3	EA	\$180,000.00	\$540,000.00
20	Furnish and Install Sanitary Sewer Manholes on 48-inch Sanitary Sewer	9	EA	\$25,000.00	\$225,000.00
21	Connect to Existing Sanitary Sewer at WQCF	1	LS	\$10,000.00	\$10,000.00
22	Connect to Existing Sanitary Sewer at Atherton Drive	1	LS	\$50,000.00	\$50,000.00
23	Furnish and Install 18-inch Potable Waterline, Open-Cut	1,200	LF	\$200.00	\$240,000.00
24	Furnish and Install 12-inch Potable Waterline, Open-Cut	50	LF	\$450.00	\$22,500.00
25	Furnish and Install 18-inch Potable Waterline and 42-inch Casing, Microtunnel at SR-120	300	LF	\$1,685.00	\$505,500.00
26	Construct Microtunnel Jacking Shaft, Potable Water	1	EA	\$160,000.00	\$160,000.00
27	Construct Microtunnel Receiving Shaft, Potable Water	1	EA	\$130,000.00	\$130,000.00
28	Furnish and Install 18-inch Butterfly Valves, Potable Water	2	EA	\$6,500.00	\$13,000.00
29	Furnish and Install 12-inch Gate Valves	5	EA	\$2,500.00	\$12,500.00
30	Connect to Existing Potable Water Mains	2	EA	\$5,000.00	\$10,000.00
31	Furnish and Install 18-inch Recycled Waterline, Open-Cut	760	LF	\$150.00	\$114,000.00
32	Furnish and Install 18-inch Butterfly Valves, Recycled Water	3	EA	\$6,500.00	\$19,500.00
33	Furnish and Install Recycled Water Valve Vault RW-01	1	LS	\$35,000.00	\$35,000.00
34	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$30,000.00	\$30,000.00
35	Recycled Water Service Connections	5	EA	\$3,000.00	\$15,000.00
36	Repurpose Existing Sanitary Sewer Force Main	3,300	LF	\$20.00	\$66,000.00
37	Connect to Existing Sanitary Sewer at Daniels Street	1	LS	\$60,000.00	\$60,000.00
38	Modify Existing 12-inch Storm Drain Force Main	1	LS	\$5,000.00	\$5,000.00
39	Regrade FCOC Channel	1	LS	\$50,000.00	\$50,000.00
40	Backfill Drain 8	1	LS	\$62,500.00	\$62,500.00
41	Construct Irrigation Field Protection Berms	1	LS	\$75,000.00	\$75,000.00
42	Irrigation Pipeline Reinforcement	1	LS	\$5,000.00	\$5,000.00
43	Relocate Existing 6-inch Sanitary Sewer Force Main	1	LS	\$5,000.00	\$5,000.00
44	Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension	40	LF	\$5,000.00	\$200,000.00
45	Protect in Place Existing 18-inch Sanitary Sewer Force Main	1	LS	\$5,000.00	\$5,000.00
46	Construct Electrical Service to Big League Dreams Storm Drain Pump Station	1	LS	\$15,000.00	\$15,000.00
TOTAL BASE BID ITEMS 1 - 46					\$11,681,500.00

ADDITIVE BID ITEM A					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1A	Clearing and Grubbing, FCOC Alignment	1	LS	\$50,000.00	\$50,000.00
2A	Construct Modified Drain 7/Daniels Street Junction Structure	1	LS	\$150,000.00	\$150,000.00
3A	Furnish and Install 8 ft x 4 ft Box Culvert	1,820	LF	\$1,322.00	\$2,406,040.00
4A	Bypass Pumping and Temporary Facilities at FCOC	1	LS	\$100,000.00	\$100,000.00
5A	Backfill FCOC Channel	1	LS	\$195,000.00	\$195,000.00
6A	Regrading FCOC Downstream of Box Culvert Connection	1	LS	\$25,000.00	\$25,000.00
7A	Construct Irrigation Field Protection Berm	1	LS	\$25,000.00	\$25,000.00
8A	Deduct for Base Bid Item 14, Construct Drain 7/ Daniels Street Junction Structure	1	LS	-\$130,000.00	-\$130,000.00
9A	Deduct for Base Bid Item 39, Regrade FCOC Channel	1	LS	-\$50,000.00	-\$50,000.00
TOTAL ADDITIVE BID ITEMS 1A - 9A					\$2,771,040.00
TOTAL BID ITEMS 1 - 46 AND 1A - 9A					\$14,452,540.00

ADDITIVE BID ITEM B					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1B	Incremental Cost to Furnish and Install 10 ft x 4 ft Box Culvert in Lieu of 8 ft x 4 ft Box Culvert	1,820	LF	\$160.00	\$291,200.00

**FAMILY ENTERTAINMENT ZONE INFRASTRUCTURE IMPROVEMENTS PROJECT: PHASE 1
UNDERGROUND UTILITIES**

Engineers Estimate \$11,400,000-\$12,500,000
May 2, 2016

TEICHERT CONSTRUCTION - ROSEVILLE, CA

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization / Demobilization	1	LS	\$1,368,900.00	\$1,368,900.00
2	Prepare and Implement Water Pollution Control Plan	1	LS	\$177,000.00	\$177,000.00
3	Furnish Construction Manager's Trailer	1	LS	\$142,000.00	\$142,000.00
4	Clearing and Grubbing	1	LS	\$607,865.00	\$607,865.00
5	Construct and Maintain Access Roads	1	LS	\$30,500.00	\$30,500.00
6	Traffic Control	1	LS	\$17,300.00	\$17,300.00
7	Site Demolition	1	LS	\$41,000.00	\$41,000.00
8	Tree Removal	1	LS	\$9,486.00	\$9,486.00
9	Dewatering	1	LS	\$596,000.00	\$596,000.00
10	Bypass Pumping and Temporary Facilities	1	LS	\$785,000.00	\$785,000.00
11	Furnish and Install 54-inch Storm Drain Pipe, Open-Cut	1,100	LF	\$106.00	\$116,600.00
12	Furnish and Install Storm Drain Manholes on 54-inch Storm Drain	3	EA	\$9,600.00	\$28,800.00
13	Furnish and Install 13 ft x 3 ft Box Culvert	10	LF	\$1,310.00	\$13,100.00
14	Construct Drain 7 / Daniels Street Junction Structure	1	LS	\$81,000.00	\$81,000.00
15	Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120	315	LF	\$3,000.00	\$945,000.00
16	Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1,590	LF	\$1,591.00	\$2,529,690.00
17	Furnish and Install 48-inch Sanitary Sewer, Open-Cut	2,500	LF	\$502.00	\$1,255,000.00
18	Construct Microtunnel Jacking Shaft, Sanitary Sewer	2	EA	\$127,300.00	\$254,600.00
19	Construct Microtunnel Receiving Shaft, Sanitary Sewer	3	EA	\$104,500.00	\$313,500.00
20	Furnish and Install Sanitary Sewer Manholes on 48-inch Sanitary Sewer	9	EA	\$21,200.00	\$190,800.00
21	Connect to Existing Sanitary Sewer at WQCF	1	LS	\$8,700.00	\$8,700.00
22	Connect to Existing Sanitary Sewer at Atherton Drive	1	LS	\$46,000.00	\$46,000.00
23	Furnish and Install 18-inch Potable Waterline, Open-Cut	1,200	LF	\$360.00	\$432,000.00
24	Furnish and Install 12-inch Potable Waterline, Open-Cut	50	LF	\$178.00	\$8,900.00
25	Furnish and Install 18-inch Potable Waterline and 42-inch Casing, Microtunnel at SR-120	300	LF	\$1,500.00	\$450,000.00
26	Construct Microtunnel Jacking Shaft, Potable Water	1	EA	\$122,500.00	\$122,500.00
27	Construct Microtunnel Receiving Shaft, Potable Water	1	EA	\$100,900.00	\$100,900.00
28	Furnish and Install 18-inch Butterfly Valves, Potable Water	2	EA	\$3,958.00	\$7,916.00
29	Furnish and Install 12-inch Gate Valves	5	EA	\$2,250.00	\$11,250.00
30	Connect to Existing Potable Water Mains	2	EA	\$5,800.00	\$11,600.00
31	Furnish and Install 18-inch Recycled Waterline, Open-Cut	760	LF	\$92.00	\$69,920.00
32	Furnish and Install 18-inch Butterfly Valves, Recycled Water	3	EA	\$3,900.00	\$11,700.00
33	Furnish and Install Recycled Water Valve Vault RW-01	1	LS	\$11,800.00	\$11,800.00
34	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$14,500.00	\$14,500.00
35	Recycled Water Service Connections	5	EA	\$5,600.00	\$28,000.00
36	Repurpose Existing Sanitary Sewer Force Main	3,300	LF	\$22.00	\$72,600.00
37	Connect to Existing Sanitary Sewer at Daniels Street	1	LS	\$19,500.00	\$19,500.00
38	Modify Existing 12-inch Storm Drain Force Main	1	LS	\$4,600.00	\$4,600.00
39	Regrade FCOC Channel	1	LS	\$10,400.00	\$10,400.00
40	Backfill Drain 8	1	LS	\$325,300.00	\$325,300.00
41	Construct Irrigation Field Protection Berms	1	LS	\$77,900.00	\$77,900.00
42	Irrigation Pipeline Reinforcement	1	LS	\$13,400.00	\$13,400.00
43	Relocate Existing 6-inch Sanitary Sewer Force Main	1	LS	\$6,100.00	\$6,100.00
44	Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension	40	LF	\$184.00	\$7,360.00
45	Protect in Place Existing 18-inch Sanitary Sewer Force Main	1	LS	\$10,300.00	\$10,300.00
46	Construct Electrical Service to Big League Dreams Storm Drain Pump Station	1	LS	\$22,203.00	\$22,203.00
TOTAL BASE BID ITEMS 1 - 46					\$11,408,490.00

ADDITIVE BID ITEM A					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1A	Clearing and Grubbing, FCOC Alignment	1	LS	\$6,470.00	\$6,470.00
2A	Construct Modified Drain 7/Daniels Street Junction Structure	1	LS	\$50,700.00	\$50,700.00
3A	Furnish and Install 8 ft x 4 ft Box Culvert	1,820	LF	\$522.00	\$950,040.00
4A	Bypass Pumping and Temporary Facilities at FCOC	1	LS	\$462,900.00	\$462,900.00
5A	Backfill FCOC Channel	1	LS	\$488,900.00	\$488,900.00
6A	Regrading FCOC Downstream of Box Culvert Connection	1	LS	\$15,600.00	\$15,600.00
7A	Construct Irrigation Field Protection Berm	1	LS	\$25,300.00	\$25,300.00
8A	Deduct for Base Bid Item 14, Construct Drain 7/ Daniels Street Junction Structure	1	LS	-\$81,000.00	-\$81,000.00
9A	Deduct for Base Bid Item 39, Regrade FCOC Channel	1	LS	-\$10,400.00	-\$10,400.00
TOTAL ADDITIVE BID ITEMS 1A - 9A					\$1,908,510.00
TOTAL BID ITEMS 1 - 46 AND 1A - 9A					\$13,317,000.00

ADDITIVE BID ITEM B					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1B	Incremental Cost to Furnish and Install 10 ft x 4 ft Box Culvert in Lieu of 8 ft x 4 ft Box Culvert	1,820	LF	\$150.00	\$273,000.00

**FAMILY ENTERTAINMENT ZONE INFRASTRUCTURE IMPROVEMENTS PROJECT: PHASE 1
UNDERGROUND UTILITIES**

Engineers Estimate \$11,400,000-\$12,500,000
May 2, 2016

SIERRA MOUNTAIN CONSTRUCTION, INC. - SONORA, CA

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1	Mobilization / Demobilization	1	LS	\$750,000.00	\$750,000.00
2	Prepare and Implement Water Pollution Control Plan	1	LS	\$250,000.00	\$250,000.00
3	Furnish Construction Manager's Trailer	1	LS	\$55,000.00	\$55,000.00
4	Clearing and Grubbing	1	LS	\$150,000.00	\$150,000.00
5	Construct and Maintain Access Roads	1	LS	\$100,000.00	\$100,000.00
6	Traffic Control	1	LS	\$20,000.00	\$20,000.00
7	Site Demolition	1	LS	\$100,000.00	\$100,000.00
8	Tree Removal	1	LS	\$7,500.00	\$7,500.00
9	Dewatering	1	LS	\$1,050,000.00	\$1,050,000.00
10	Bypass Pumping and Temporary Facilities	1	LS	\$1,100,000.00	\$1,100,000.00
11	Furnish and Install 54-inch Storm Drain Pipe, Open-Cut	1,100	LF	\$390.00	\$429,000.00
12	Furnish and Install Storm Drain Manholes on 54-inch Storm Drain	3	EA	\$22,000.00	\$66,000.00
13	Furnish and Install 13 ft x 3 ft Box Culvert	10	LF	\$5,500.00	\$55,000.00
14	Construct Drain 7 / Daniels Street Junction Structure	1	LS	\$145,000.00	\$145,000.00
15	Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120	315	LF	\$3,400.00	\$1,071,000.00
16	Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1,590	LF	\$1,435.00	\$2,281,650.00
17	Furnish and Install 48-inch Sanitary Sewer, Open-Cut	2,500	LF	\$670.00	\$1,675,000.00
18	Construct Microtunnel Jacking Shaft, Sanitary Sewer	2	EA	\$165,000.00	\$330,000.00
19	Construct Microtunnel Receiving Shaft, Sanitary Sewer	3	EA	\$90,000.00	\$270,000.00
20	Furnish and Install Sanitary Sewer Manholes on 48-inch Sanitary Sewer	9	EA	\$70,000.00	\$630,000.00
21	Connect to Existing Sanitary Sewer at WQCF	1	LS	\$35,000.00	\$35,000.00
22	Connect to Existing Sanitary Sewer at Atherton Drive	1	LS	\$45,000.00	\$45,000.00
23	Furnish and Install 18-inch Potable Waterline, Open-Cut	1,200	LF	\$225.00	\$270,000.00
24	Furnish and Install 12-inch Potable Waterline, Open-Cut	50	LF	\$650.00	\$32,500.00
25	Furnish and Install 18-inch Potable Waterline and 42-inch Casing, Microtunnel at SR-120	300	LF	\$1,800.00	\$540,000.00
26	Construct Microtunnel Jacking Shaft, Potable Water	1	EA	\$150,000.00	\$150,000.00
27	Construct Microtunnel Receiving Shaft, Potable Water	1	EA	\$90,000.00	\$90,000.00
28	Furnish and Install 18-inch Butterfly Valves, Potable Water	2	EA	\$6,500.00	\$13,000.00
29	Furnish and Install 12-inch Gate Valves	5	EA	\$3,750.00	\$18,750.00
30	Connect to Existing Potable Water Mains	2	EA	\$10,500.00	\$21,000.00
31	Furnish and Install 18-inch Recycled Waterline, Open-Cut	760	LF	\$115.00	\$87,400.00
32	Furnish and Install 18-inch Butterfly Valves, Recycled Water	3	EA	\$6,000.00	\$18,000.00
33	Furnish and Install Recycled Water Valve Vault RW-01	1	LS	\$40,000.00	\$40,000.00
34	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$40,000.00	\$40,000.00
35	Recycled Water Service Connections	5	EA	\$8,000.00	\$40,000.00
36	Repurpose Existing Sanitary Sewer Force Main	3,300	LF	\$20.00	\$66,000.00
37	Connect to Existing Sanitary Sewer at Daniels Street	1	LS	\$17,000.00	\$17,000.00
38	Modify Existing 12-inch Storm Drain Force Main	1	LS	\$7,500.00	\$7,500.00
39	Regrade FCOC Channel	1	LS	\$5,000.00	\$5,000.00
40	Backfill Drain 8	1	LS	\$200,000.00	\$200,000.00
41	Construct Irrigation Field Protection Berms	1	LS	\$50,000.00	\$50,000.00
42	Irrigation Pipeline Reinforcement	1	LS	\$12,000.00	\$12,000.00
43	Relocate Existing 6-inch Sanitary Sewer Force Main	1	LS	\$8,000.00	\$8,000.00
44	Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension	40	LF	\$300.00	\$12,000.00
45	Protect in Place Existing 18-inch Sanitary Sewer Force Main	1	LS	\$15,000.00	\$15,000.00
46	Construct Electrical Service to Big League Dreams Storm Drain Pump Station	1	LS	\$50,000.00	\$50,000.00
TOTAL BASE BID ITEMS 1 - 46					\$12,418,300.00

ADDITIVE BID ITEM A					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1A	Clearing and Grubbing, FCOC Alignment	1	LS	\$25,000.00	\$25,000.00
2A	Construct Modified Drain 7/Daniels Street Junction Structure	1	LS	\$145,000.00	\$145,000.00
3A	Furnish and Install 8 ft x 4 ft Box Culvert	1,820	LF	\$760.00	\$1,383,200.00
4A	Bypass Pumping and Temporary Facilities at FCOC	1	LS	\$1,050,000.00	\$1,050,000.00
5A	Backfill FCOC Channel	1	LS	\$365,000.00	\$365,000.00
6A	Regrading FCOC Downstream of Box Culvert Connection	1	LS	\$300,000.00	\$300,000.00
7A	Construct Irrigation Field Protection Berm	1	LS	\$20,000.00	\$20,000.00
8A	Deduct for Base Bid Item 14, Construct Drain 7/ Daniels Street Junction Structure	1	LS	-\$90,000.00	-\$90,000.00
9A	Deduct for Base Bid Item 39, Regrade FCOC Channel	1	LS	-\$3,500.00	-\$3,500.00
TOTAL ADDITIVE BID ITEMS 1A - 9A					\$3,194,700.00
TOTAL BID ITEMS 1 - 46 AND 1A - 9A					\$15,613,000.00

ADDITIVE BID ITEM B					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST
1B	Incremental Cost to Furnish and Install 10 ft x 4 ft Box Culvert in Lieu of 8 ft x 4 ft Box Culvert	1,820	LF	\$165.00	\$300,300.00