	UNDERGROUND UTILITIES Engineers Estimate \$11,400,000-\$12,500,000							
	May 2 KNIFE RIVER CONSTRU	2, 2016 JCTION		CKTON. 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			
	Bypass Pumping and Temporary Facilities	1	LS	\$654,000.00	\$654,000.00			
	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			
	Furnish and Install 13 ft x 3 ft Box Culvert	10	LF	\$4,500.00	\$45,000.00			
	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			
	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			
	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			
	Furnish and Install 18-inch Potable Waterline, Open-Cut	1,200	LF	\$245.00	\$294,000.00			
	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			
	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			
-	Furnish and Install 12-inch Gate Valves	5	EA	\$2,300.00	\$11,500.00			
	Connect to Existing Potable Water Mains	2	EA	\$6,100.00	\$12,200.00			
	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			
	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$29,000.00	\$29,000.00			
	Recycled Water Service Connections	5	EA	\$5,650.00	\$28,250.00			
	Repurpose Existing Sanitary Sewer Force Main	3,300	LF	\$18.50	\$61,050.00			
	Connect to Existing Sanitary Sewer at Daniels Street	1	LS	\$15,000.00	\$15,000.00			
	Modify Existing 12-inch Storm Drain Force Main	1	LS	\$3,250.00	\$3,250.00			
	Regrade FCOC Channel	1	LS	\$8,700.00	\$8,700.00			
	Backfill Drain 8	1	LS	\$252,400.00	\$252,400.00			
	Construct Irrigation Field Protection Berms	1	LS	\$8,750.00	\$8,750.00			
	Irrigation Pipeline Reinforcement	1	LS	\$13,000.00	\$13,000.00			
44	Relocate Existing 6-inch Sanitary Sewer Force Main Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft	1 40	LS LF	\$8,350.00 \$187.00	\$8,350.00 \$7,480.00			
45	Box Culvert Extension	1	LS	\$1,600.00	\$1,600.00			
46	Protect in Place Existing 18-inch Sanitary Sewer Force Main Construct Electrical Service to Big League Dreams Storm	1	LS	\$24,200.00	\$24,200.00			
	Drain Pump Station			. ,				
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				
ЗA	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	\$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				
18	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				

ID: ITEM DESCRIPTION OTT UNIT COST COST 1 Mobilization / Demobilization 1 LS \$550,000.00 \$550,000.00 2 Prepare and Implement Water Polluion Control Plan 1 LS \$550,000.00 \$550,000.00 3 Furnish Construction Manager's Trailer 1 LS \$575,000.00 \$575,000.00 4 Clearing and Grubbing 1 LS \$580,000.00 \$550,000.00 5 Construct and Maintain Access Roads 1 LS \$512,000.00 \$151,000.00 6 Treis Removal 1 LS \$512,000.00 \$3741,000.00 9 Devastering 1 LS \$572,000.00 \$3741,000.00 10 Byrass Rumping and Temporary Facilities 1 LS \$312,000.00 \$3741,000.00 11 Furnish and Install Shench Storm Drain Manholes on 54-inch Storm 3 EA \$17,500.00 \$3750.00.00 12 Furnish and Install Shench Sontary Sever 3 LF \$4,800.00 \$120,000.00 \$120,000.		MOZINGO CONSTRUCTI	ON, IN	IC OA	KDALE, CA	
2 Program and Implement Water Pollution Control Plan 1 LS \$\$80,000.00 \$\$12,000.00 4 Clearing and Grubbing 1 LS \$\$75,000.00 \$\$12,000.00 5 Construct and Maintain Access Roads 1 LS \$\$80,000.00 \$\$80,000.00 6 Traffic Control 1 LS \$\$50,000.00 \$\$12,000.00 7 Bite Demolition 1 LS \$\$12,000.00 \$\$12,200.00 7 Bite Demolition 1 LS \$\$12,000.00 \$\$12,200.00 9 Devastering 1 LS \$\$12,000.00 \$\$12,200.00 9 Devastering 1 LS \$\$12,000.00 \$\$15,000.00 9 Devastering 1 LS \$\$12,000.00 \$\$15,000.00 9 Devastering 1 LS \$\$12,000.00 \$\$25,500.00 10 LF \$\$22,600.00 \$\$25,500.00 \$\$22,000.00 \$\$22,000.00 10 Furnish and Install Shrind Tx 3 ft Box Culvert 10 LF <td< th=""><th>TEM NO.</th><th>ITEM DESCRIPTION</th><th></th><th>UNIT</th><th></th><th></th></td<>	TEM NO.	ITEM DESCRIPTION		UNIT		
3 Furnish Construction Manager's Trailer 1 LS \$120,000,00 \$120,000,00 4 Clearing and Grubbing 1 LLS \$\$75,000,00 \$\$75,000,00 5 Construct and Maintain Access Roads 1 LLS \$\$80,000,00 \$\$80,000,00 6 Trainic Control 1 LLS \$\$10,000,00 \$\$12,500,000 7 State Demolition 1 LLS \$\$12,500,000 \$\$12,500,000 8 Tree Removal 1 LLS \$\$12,500,000 \$\$12,500,000 9 Dewalationing 1 LLS \$\$12,500,000 \$\$37,500,00 10 Burnish and Instal 54-inch Storm Drain Pipe, Open-Cut 1,100 LF \$\$32,500,000 \$\$37,500,00 11 Construct Drain 7 D zonies Structure 1 LLS \$\$12,000,00 \$\$25,000,00 12 Construct Drain 7 D zonies Structure 1 LS \$\$12,000,00 \$\$25,000,00 13 Furnish and Install 43-inch Santary Sewer, Microtunnel and Structure 1 LS \$\$12,000,00 \$\$300,000,00 <	1	Mobilization / Demobilization	1	LS	\$550,000.00	\$550,000.00
4 Clearing and Grubbing 1 LS \$75,000.00 \$87,000.00 6 Construct and Maintain Access Roads 1 LS \$87,000.00 \$88,000.00 7 State Demolition 1 LS \$82,000.00 \$82,000.00 7 State Demolition 1 LS \$81,200.00 \$812,200.00 9 Devatating 1 LS \$87,400.00 \$812,200.00 9 Devatating 1 LS \$87,500.00 \$87,500.00 19 Furnish and Install St-linch Storm Drain Pipe, Open-Cut 1,100 LF \$32,500.00 \$25,700.00 10 Furnish and Install St-linch Sanitary Sever and 78inch 3 EA \$12,000.00 \$12,000.00 11 LS \$12,000.00 \$12,000.00 \$12,000.00 \$12,000.00 10 Furnish and Install 48-in-K Sanitary Sever and 78inch 1,590 LF \$4,400.00 \$12,000.00 11 Furnish and Install 48-in-K Sanitary Sever (Microtunnel from 1,590 LF \$34,000.00 \$22,000.00	2	Prepare and Implement Water Pollution Control Plan	1		\$60,000.00	\$60,000.00
5 Construct and Marinain Access Roads 1 LS \$80,000,00 \$80,000,00 6 Traffic Control 1 LLS \$\$150,000,00 \$\$150,000,00 7 Site Demolition 1 LLS \$\$150,000,00 \$\$152,000,00 8 The Removal 1 LLS \$\$174,000,00 \$\$741,000,00 9 Dewatering 1 LLS \$\$075,000,00 \$\$375,000,00 10 Furnish and Install 54-Inch Storm Drain Menholes on 54-inch Storm 3 EA \$\$12,500,00 \$\$37,500,00 11 Construct Darin / To aniels Street Junction Structure 1 LLS \$\$12,000,00 \$\$12,000,00 12 Construct Darin / To aniels Street Junction Structure 1 LLS \$\$12,000,00 \$\$12,000,00 15 Casing, Morounnel at SN-12,00 \$\$12,000,00 \$\$12,000,00 \$\$12,000,00 16 Canstruct Microunnel adsRing Street Junction Structure 1 LS \$\$12,000,00 \$\$12,000,00 16 Cansing, Microunnel adsRing Shaft, Sanitary Sever 2 EA \$\$15,000,00						
6 Trafic Control 1 LS \$25,000.00 \$25,000.00 7 Site Demolition 1 LS \$15,000.00 \$15,000.00 9 Devataring 1 LS \$12,500.00 \$12,500.00 9 Devataring 1 LS \$3741,000.00 \$3744,000.00 9 Devataring 1 LS \$375,500.00 \$375,500.00 17 Furnish and Install 54min Storm Drain Manholes on 54-inch Storm 3 EA \$12,500.00 \$375,500.00 10 LF \$32,500.00 \$375,000.00 \$375,000.00 \$375,000.00 10 Furnish and Install 47-inch Sanitary Sever 10 LF \$42,000.00 \$12,000.00 11 LS \$12,500 \$2,424,750.00 \$22,000.00 \$22,000.00 12 Drainis Install 47-inch Sanitary Sever, Open-Cut 1,500 \$1,525.00 \$2,424,750.00 12 Construct Microtunnel Aceking Shatt, Sanitary Sever 2 EA \$15,000.00 \$360,000.00 13 Constot Existing Sanitary Sever Athet						
7 Bit Demolition 1 LS \$150,000,00 \$150,000,00 \$12,500,00 8 Tree Ramoval 1 LS \$12,500,00 \$12,500,00 \$12,500,00 \$12,500,00 \$12,500,00 \$12,500,00 \$12,500,00 \$12,500,00 \$14,500,00 \$14,500,00 \$14,500,00 \$14,500,00 \$14,500,00 \$14,500,00 \$14,500,00 \$14,500,00 \$15,500,00 \$14,000,00 \$14,000,00 \$14,000,00 \$14,000,00 \$14,000,00 \$14,000,00 \$14,000,00 \$14,000,00 \$14,	-				. ,	. ,
8 Tre 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 \$\$75,000.00 \$\$75,000.00 11 Furnish and Install 54m Torm Drain Manholes on 54-inch Storm 3 EA \$\$12,500.00 \$\$375,500.00 12 Drain Bantani Install 45-inch Storet Drain Manholes on 54-inch Storm 10 LF \$\$2,500.00 \$\$25,000.00 13 Furnish and Install 45-inch Sanitary Sever and 78-inch 315 LF \$\$4,800.00 \$\$1,512,000.00 16 Cansing Microtunnel as thei-inch Sanitary Sever, Qen-Cut 2,500 LF \$\$4,000 \$\$15,12,000.00 17 Furnish and Install 48-inch Sanitary Sever, Qen-Cut 2,500 LF \$\$40.00 \$\$360,000.00 18 Construct Microtunnel Acking Shaft, Sanitary Sever 3 EA \$\$12,000.00 \$\$360,000.00 12 Construct Microtunnel Acking Shaft, Sanitary Sever 3 EA \$\$12,000.00 \$\$14,000.00 12						
9 Dewatering The approx Purpoing and Temporary Facilities 1 LS \$741,000.00 \$741,000.00 \$751,000.00 \$751,000.00 11 Furnish and Install Sturm Drain Minoles on S4-inch Storm Drain 3 EA \$12,500.00 \$357,500.00 12 Furnish and Install Sturm Drain Manholes on S4-inch Storm 3 EA \$12,500.00 \$25,000.00 14 Construct Microtunnel at Street Junction Structure 1 LLS \$12,0000.00 \$12,0000.00 14 Construct Microtunnel at Street Junction Structure 1 LLS \$44,000.00 \$11,512,000.00 15 Casing, Microtunnel at Stre 120 315 LF \$44,800.00 \$11,512,000.00 16 Furnish and Install 48-inch Sanitary Sewer, Open-Cut 2,500 LF \$150,000.00 \$380,000.00 17 Furnish and Install Sanitary Sewer Amoholes on 48-inch 9 EA \$24,000.00 \$380,000.00 12 Connect to Existing Sanitary Sewer at WQCF 1 LLS \$14,000.00 \$14,000.00 21 Connect to Existing Sanitary Sewer at WQCF 1 LLS					. ,	
10 Bypass Pumping and Temporary Facilities 1 LS \$975,000.00 \$975,000.00 \$975,000.00 11 Furnish and Install Sturm Drain Manholes on 84-inch Storm Drain 3 EA \$12,600.00 \$325,000.00 12 Furnish and Install Sturm Drain Manholes on 54-inch Storm Drain 1 LF \$22,000.00 \$25,000.00 \$25,000.00 13 Furnish and Install 45-inch Sanitary Sever an 78-inch 1 LS \$120,000.00 \$1,512.000 \$1,512.000.00 15 Furnish and Install 45-inch Sanitary Sever, Open-Cut 2,500 LF \$1,525.00 \$2,2424,750.00 17 Furnish and Install 45-inch Sanitary Sever, Open-Cut 2,500 LF \$340.00 \$330,000.00 18 Construct Microtunnel Receiving Shaft, Sanitary Sever 2 EA \$150,000.00 \$326,000.00 10 Construct Microtunnel Receiving Shaft, Sanitary Sever 1 LS \$14,000.00 \$344,000.00 21 Connect to Existing Sanitary Sever at Athetron Drive 1 LS \$14,000.00 \$14,000.00 22 Connect to Existing Sanitary Sever at Athetron Driv						
Image Example and Install S4-inch Storm Drain Pipe, Open-Cut 1,100 LF \$325,00.00 \$337,500.00 12 Furnish and Install Storm Drain Manholes on 54-inch Storm 3 EA \$12,500.00 \$25,000.00 13 Furnish and Install 13 ft x 3 ft Box Culvert 10 LF \$2,500.00 \$25,000.00 14 Construct Orain 7 / Daniels Street Junction Structure 1 LS \$120,000.00 \$120,000.00 15 Construct Merotunnel 18-R120 315 LF \$4,800.00 \$1,512,000.00 16 Construct Microtunnel Jacking Shaft, Sanitary Sewer, Amortune 1,590 LF \$340.00 \$850,000.00 17 Furnish and Install 48-inch Sanitary Sewer, Open-Cut 2,500 LF \$340.00 \$850,000.00 10 Construct Microtunnel Jacking Shaft, Sanitary Sewer 3 EA \$120,000.00 \$360,000.00 10 Construct Microtunnel Jacking Shaft, Sanitary Sewer 1 LS \$14,000.00 \$14,000.00 21 Connect to Existing Sanitary Sewer at WQCF 1 LS \$14,000.00 \$14,000.00	-					
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12 Drain 3 EA \$12,00,00 \$37,00,00 13 Furnish and Install 13 ft x 3 ft Box Culvert 10 LF \$2,500,00 \$22,000,00 \$12,000,00 \$36,000,00 \$12,000,00 \$36,000,00 \$14,000,00 \$12,500,00 \$12,500,00 \$12,500,00<	11		1,100	LF	\$325.00	\$357,500.00
14 Construct Drain 7.1 Daniels Street Junction Structure 1 LS \$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 Daniels Street 1,590 LF \$34,000 \$82,424,750.00 17 Furnish and Install 48-inch Sanitary Sewer, Open-Cut 2,500 LF \$3440.00 \$\$850,000.00 18 Construct Microtunnel Aceking Shaft, Sanitary Sewer 3 EA \$\$120,000.00 \$\$360,000.00 20 Connect to Existing Sanitary Sewer at McCF 1 LS \$\$14,000.00 \$\$14,000.00 21 Connect to Existing Sanitary Sewer at Atherton Drive 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 \$\$14,000.00 \$\$14,000.00 24 Furnish and Install 18-inch Botable Waterline, Open-Cut 1,200 LF	12	Drain	-			
Furnish and Install 48-inch Sanitary Sewer and 78-inch 315 LF \$4,800.00 \$1,512,000.00 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from 1,590 LF \$1,525.00 \$2,424,750.00 T Furnish and Install 48-inch Sanitary Sewer, Open-Cut 2,500 LF \$340.00 \$885,000.00 Stonstruct Microtunnel Jacking Shaft, Sanitary Sewer 2 EA \$150,000.00 \$360,000.00 Construct Microtunnel Jacking Shaft, Sanitary Sewer 3 EA \$120,000.00 \$360,000.00 Connect to Existing Sanitary Sewer at Macholes on 48-inch 9 EA \$28,000.00 \$222,000.00 21 Connect to Existing Sanitary Sewer at Atheron Drive 1 LS \$14,000.00 \$14,000.00 23 Furnish and Install 18-inch Potable Waterline, Open-Cut 1,200 LF \$220.00 \$12,500.00 24 Furnish and Install 18-inch Potable Waterline, Open-Cut 50 LF \$220.00 \$12,500.00 25 Furnish and Install 18-inch Butterline and 42-inch 300 LF \$1,800.00 \$54,000.00 26 Fornish and Install 18-inch Butterline Valver </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
15 Casing, Microtumel at SR-120 315 LF \$48,0000 \$1,512,000.00 16 Furnish and Install 48-inch Sanitary Sever, Microtunnel from SR-120 to Daniels Street 1,500 LF \$1,525.00 \$2,2424,750.00 17 Furnish and Install 48-inch Sanitary Sever, Open-Cut 2,500 LF \$340.00 \$850,000.00 18 Construct Microtunnel Acking Shaft, Sanitary Sever 2 EA \$150,000.00 \$360,000.00 19 Construct Microtunnel Acking Shaft, Sanitary Sever 3 EA \$120,000.00 \$360,000.00 20 Furnish and Install Sanitary Sever at Macron 9 EA \$28,000.00 \$252,000.00 21 Connect to Existing Sanitary Sever at Materine, Open-Cut 1 LS \$14,000.00 \$144,000.00 22 Furnish and Install 74-inch Potable Waterline, Open-Cut 50 LF \$125,000.00 \$12,500.00 23 Furnish and Install 74-inch Datable Waterline and 42-inch 300 LF \$1,800.00 \$540,000.00 22 Construct Microtunnel Acking Shaft, Potable Water 1 EA \$120,000.00 \$	14		1	LS	\$120,000.00	\$120,000.00
18 SR-120 to Daniels Street 1,590 LF \$1,58,00 \$2,424,75,000 17 Furnish and Install 48-inch Sanitary Sewer, Open-Cut 2,500 LF \$340,000 \$860,000,00 18 Construct Microtunnel Receiving Shaft, Sanitary Sewer 2 EA \$150,000,00 \$360,000,00 19 Construct Microtunnel Receiving Shaft, Sanitary Sewer 3 EA \$120,000,00 \$360,000,00 20 Sanitary Sewer 1 LS \$14,000,00 \$14,000,00 21 Connect to Existing Sanitary Sewer at McPCF 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 \$120,000 \$14,000,00 24 Furnish and Install 18-inch Potable Waterline, Open-Cut 1,000 LF \$120,000 \$12,500,00 25 Construct Microtunnel acking Shaft, Potable Water 1 EA \$12,000,00 \$254,000,00 26 Construct Microt	15	Casing, Microtunnel at SR-120	315	LF	\$4,800.00	\$1,512,000.00
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 \$366,000.00 20 Furnish and Install Sanitary Sewer Manholes on 48-inch 9 EA \$24,000.00 \$12,000.00 \$12,500.00 \$12,500.00 \$12,500.00 \$12,500.00 \$12,500.00 \$12,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00 \$20,000.00	16	SR-120 to Daniels Street	,			\$2,424,750.00
19 Construct Microtunnel Receiving Shaft, Sanitary Sewer 3 EA \$120,000.00 \$380,000.00 00 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 \$125.000 \$12,500.00 24 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 Acking Shaft, Potable Water 1 EA \$125,000.00 \$125,000.00 27 Construct Microtunnel Acking Shaft, Potable Water 1 EA \$6,000.00 \$12,000.00 28 Furnish and Install 18-inch Butterfly Valves, Potable Water 2 EA \$4,000.00 \$20,000.00 29 Furnish and Install 18-inch Butterfly Valves, Recycled Water 3 EA	17		-			. ,
20 Furnish and Install Sanitary Sewer Manholes on 48-inch 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 and 42-inch 300 LF \$1,800.00 \$540,000.00 26 Construct Microtunnel Jacking Shaft, Potable Water 1 EA \$125,000.00 \$122,000.00 27 Construct Microtunnel Jacking Shaft, Potable Water 1 EA \$30,000.00 \$122,000.00 28 Furnish and Install 18-inch Butterfly Valves, Potable Water 2 EA \$6,000.00 \$12,000.00 29 Furnish and Install 18-inch Recycled Waterfline, Open-Cut 760 LF \$120.00 \$91,200.00 30 Connect to Existing Potable Water Mains 2 EA \$4,000.00 \$42,000.00	18					
20 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 \$12,000 \$14,000.00 24 Furnish and Install 18-inch Potable Waterline and 42-inch Casing, Microtunnel at SR-120 300 LF \$18,000.00 \$540,000.00 26 Construct Microtunnel As Pr-120 300 LF \$18,000.00 \$540,000.00 27 Construct Microtunnel Receiving Shaft, Potable Water 1 EA \$12,000.00 \$12,000.00 28 Furnish and Install 18-inch Butterfly Valves, Potable Water 2 EA \$4,000.00 \$20,000.00 29 Furnish and Install 18-inch Butterfly Valves, Potable Water 3 EA \$4,000.00 \$12,000.00 30 Connect to Existing Potable Water Mains 2 EA \$4,000.00 \$12,000.00 31	19		3	EA	\$120,000.00	\$360,000.00
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 18-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 Receiving Shaft, Potable Water 1 EA \$125,000.00 \$125,000.00 27 Construct Microtunnel Receiving Shaft, Potable Water 1 EA \$90,000.00 \$120,000.00 28 Furnish and Install 18-inch Butterfly Valves, Potable Water 2 EA \$4,000.00 \$20,000.00 30 Connect to Existing Potable Water Mains 2 EA \$4,000.00 \$20,000.00 31 Furnish and Install 18-inch Recycled WaterValve Valut RW-01 1 LS \$45,000.00 \$45,000.00 32 Furnish and Install Recycled Water Valve Vault RW-02 1 LS \$45,000.00 <td>20</td> <td>,</td> <td>9</td> <td>EA</td> <td>\$28,000.00</td> <td>\$252,000.00</td>	20	,	9	EA	\$28,000.00	\$252,000.00
Instruct Microtune Description Description 23 Furnish and Install 18-inch Potable Waterline, Open-Cut 1,200 LF \$120,000 \$144,000.00 24 Furnish and Install 18-inch Potable Waterline, Open-Cut 50 LF \$250,000 \$12,500.00 25 Furnish and Install 18-inch Potable Waterline and 42-inch Casing, Microtunnel as R-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 Acking Shaft, Potable Water 1 EA \$125,000.00 \$20,000.00 28 Furnish and Install 12-inch Butterfly Valves, Potable Water 2 EA \$6,000.00 \$20,000.00 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 \$20,000.00 31 Furnish and Install 18-inch Recycled Water Valve Valter 3 EA \$4,000.00 \$12,000.00 32 Furnish and Install Recycled Wat	21	Connect to Existing Sanitary Sewer at WQCF	1	LS	\$14,000.00	\$14,000.00
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 at SR-120 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 \$20,000.00 31 Furnish and Install 18-inch Butterfly Valves, Recycled Water 3 EA \$4,000.00 \$12,000.00 32 Furnish and Install Recycled Water Valve Vault RW-01 1 LS \$45,000.00 \$45,000.00 33 Furnish and Install Recycled Water Valve Vault RW-02 1 LS \$45,000.00 \$45,000.00	22	Connect to Existing Sanitary Sewer at Atherton Drive	1	LS	\$14,000.00	\$14,000.00
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 \$125,000.00 \$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 18-inch Butterfly Valves, Potable Water 2 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 \$12,000.00 \$12,000.00 32 Furnish and Install Recycled Water Valve Vault RW-01 1 LS \$45,000.00 \$12,000.00 33 Furnish and Install Recycled Water Valve Vault RW-02 1 LS \$45,000.00 \$45,000.00 34 Furnish and Install Recycled Water Valve Vault RW-02 1 LS \$45,000.00	23	Furnish and Install 18-inch Potable Waterline, Open-Cut	1,200	LF	\$120.00	\$144,000.00
25 Casing, Microtunnel at SR-120 300 LF \$1,800.00 \$\$40,000.00 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 \$20,000.00 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 \$20,000.00 31 Furnish and Install 18-inch Recycled Waterline, Open-Cut 760 LF \$12.000 \$91,200.00 32 Furnish and Install Recycled Water Valves, Recycled Water 3 EA \$44,000.00 \$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 \$37,500.00 \$37,500.00	24	Furnish and Install 12-inch Potable Waterline, Open-Cut	50	LF	\$250.00	\$12,500.00
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 \$20,000.00 31 Furnish and Install 18-inch Recycled Water Mains 2 EA \$4,000.00 \$20,000.00 32 Furnish and Install 18-inch Recycled Water/Ine, Open-Cut 760 LF \$12.000 \$91,200.00 33 Furnish and Install Recycled Water Valve Valve RW-01 1 LS \$44,000.00 \$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 \$37,500.00 \$37,500.00 \$37,500.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 <	25		300	LF	\$1,800.00	\$540,000.00
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 32 Furnish and Install Recycled Water Valve Vault RW-01 1 LS \$45,000.00 \$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 \$15,000.00 37 Con	26	Construct Microtunnel Jacking Shaft, Potable Water	1	EA	\$125,000.00	\$125,000.00
Period Reference Period Reference Period Reference Period Reference 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 \$12.0.00 \$91,200.00 32 Furnish and Install Recycled Waterfly 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 34 Furnish and Install Recycled Water Valve Vault RW-02 1 LS \$45,000.00 \$45,000.00 34 Furnish and Install Recycled Water Service Connections 5 EA \$7,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00	27	Construct Microtunnel Receiving Shaft, Potable Water	1	EA	\$90,000.00	\$90,000.00
30Connect to Existing Potable Water Mains2EA\$4,000.00\$8,000.0031Furnish and Install 18-inch Recycled Waterline, Open-Cut760LF\$120.00\$91,200.0032Furnish and Install 18-inch Butterfly Valves, Recycled Water3EA\$4,000.00\$12,000.0033Furnish and Install Recycled Water Valve Vault RW-011LS\$45,000.00\$45,000.0034Furnish and Install Recycled Water Valve Vault RW-021LS\$45,000.00\$45,000.0035Recycled Water Service Connections5EA\$7,500.00\$37,500.0036Repurpose Existing Sanitary Sewer Force Main3,300LF\$30.00\$99,000.0037Connect to Existing Sanitary Sewer at Daniels Street1LS\$15,000.00\$15,000.0038Modify Existing 12-inch Storm Drain Force Main1LS\$55,000.00\$55,000.0039Regrade FCOC Channel1LS\$440,000.00\$440,000.0040Backfill Drain 81LS\$125,000.00\$125,000.0041Construct Irrigation Field Protection Berms1LS\$45,000.00\$45,000.0042Irrigation Pipeline Reinforcement1LS\$10,000.00\$44,000.0044Relocate Existing 8-inch Sanitary Sewer Force Main1LS\$10,000.00\$4,000.0045Protect in Place Existing 18-inch Sanitary Sewer Force Main1LS\$10,000.00\$4,000.0046Construct Electrical Service to Big League Dre	28	Furnish and Install 18-inch Butterfly Valves, Potable Water	2	EA	\$6,000.00	\$12,000.00
31Furnish and Install 18-inch Recycled Waterline, Open-Cut760LF\$120.00\$91,200.0032Furnish and Install 18-inch Butterfly Valves, Recycled Water3EA\$4,000.00\$12,000.0033Furnish and Install Recycled Water Valve Vault RW-011LS\$45,000.00\$45,000.0034Furnish and Install Recycled Water Valve Vault RW-021LS\$45,000.00\$45,000.0035Recycled Water Service Connections5EA\$7,500.00\$45,000.0036Repurpose Existing Sanitary Sewer Force Main3,300LF\$30.00\$99,000.0037Connect to Existing Sanitary Sewer Force Main1LS\$15,000.00\$15,000.0038Modify Existing 12-inch Storm Drain Force Main1LS\$15,000.00\$7,500.0039Regrade FCOC Channel1LS\$55,000.00\$55,000.0040Backfill Drain 81LS\$125,000.00\$122,000.0041Construct Irrigation Field Protection Berms1LS\$125,000.0042Irrigation Pipeline Reinforcement1LS\$10,000.00\$44,000.0044Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension40LF\$100.00\$4,000.0045Protect in Place Existing 18-inch Sanitary Sewer Force Main1LS\$45,800.00\$45,800.0046Construct Electrical Service to Big League Dreams Storm Drain Pump Station1LS\$45,800.00\$45,800.00<	29	Furnish and Install 12-inch Gate Valves	5	EA	\$4,000.00	\$20,000.00
32Furnish and Install 18-inch Butterfly Valves, Recycled Water3EA\$4,000.00\$12,000.0033Furnish and Install Recycled Water Valve Vault RW-011LS\$45,000.00\$45,000.0034Furnish and Install Recycled Water Valve Vault RW-021LS\$45,000.00\$45,000.0035Recycled Water Service Connections5EA\$7,500.00\$37,500.0036Repurpose Existing Sanitary Sewer Force Main3,300LF\$30.00\$99,000.0037Connect to Existing Sanitary Sewer at Daniels Street1LS\$15,000.00\$15,000.0038Modify Existing 12-inch Storm Drain Force Main1LS\$7,500.00\$7,500.0039Regrade FCOC Channel1LS\$55,000.00\$55,000.0040Backfill Drain 81LS\$440,000.00\$440,000.0041Construct Irrigation Field Protection Berms1LS\$125,000.00\$125,000.0042Irrigation Pipeline Reinforcement1LS\$10,000.00\$45,000.0044Box Culvert Extension1LS\$10,000.00\$4,000.0045Protect in Place Existing 18-inch Sanitary Sewer Force Main1LS\$10,000.00\$10,000.0046Construct Electrical Service to Big League Dreams Storm Drain Pump Station1LS\$45,800.00\$45,800.00	30	Connect to Existing Potable Water Mains	2	EA	\$4,000.00	\$8,000.00
33 Furnish and Install Recycled Water Valve Vault RW-01 1 LS \$45,000.00 33 Furnish and Install Recycled Water Valve Vault RW-02 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 \$440,000.00 \$440,000.00 40 Backfill Drain 8 1 LS \$125,000.00 \$125,000.00 42 Irrigation Pipeline Reinforcement 1 LS \$140,000.00 \$140,000.00 43 Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension 40 </td <td>31</td> <td>Furnish and Install 18-inch Recycled Waterline, Open-Cut</td> <td>760</td> <td>LF</td> <td>\$120.00</td> <td>\$91,200.00</td>	31	Furnish and Install 18-inch Recycled Waterline, Open-Cut	760	LF	\$120.00	\$91,200.00
34 Furnish and Install Recycled Water Valve Vault RW-02 1 LS \$45,000.00 \$45,000.00 \$45,000.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$39,000.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$315,000.00 \$37,500.00 \$36,500.00 \$344,000.00 \$344,000.00 \$344,000.00 \$342,000.00 \$342,000.00 \$342,000.00 \$310,000.00	32	Furnish and Install 18-inch Butterfly Valves, Recycled Water	3	EA	\$4,000.00	\$12,000.00
35 Recycled Water Service Connections 5 EA \$7,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$37,500.00 \$39,000.00 \$37,500.00 \$39,000.00 \$37,500.00 \$39,000.00 \$37,500.00 \$39,000.00 \$37,500.00 \$39,000.00 \$37,500.00 \$39,000.00 \$37,500.00 \$39,000.00 \$31,0000.00 \$31,000.	33	Furnish and Install Recycled Water Valve Vault RW-01	1	LS	\$45,000.00	\$45,000.00
36 Repurpose Existing Sanitary Sewer Force Main 3,300 LF \$30.00 \$99,000.00 \$99,000.00 \$99,000.00 \$99,000.00 \$99,000.00 \$99,000.00 \$99,000.00 \$99,000.00 \$99,000.00 \$99,000.00 \$99,000.00 \$99,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00 \$7,500.00 \$55,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$46,000.00 \$40,000.00 \$40,000.00 \$40,000.00 \$40,000.00 \$40,000.00 \$40,000.00 \$40,000.00	34	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$45,000.00	\$45,000.00
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 8-inch Sanitary Sewer Force Main 1 LS \$10,000.00 \$40,000.00 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	35		5	EA	\$7,500.00	\$37,500.00
38 Modify Existing 12-inch Storm Drain Force Main 1 LS \$7,500.00 \$7,500.00 \$7,500.00 \$7,500.00 \$7,500.00 \$7,500.00 \$7,500.00 \$7,500.00 \$7,500.00 \$7,500.00 \$7,500.00 \$7,500.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$425,000.00 \$425,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$40,000.00 \$40,000.00 \$44,000.00 \$44,000.00 \$44,000.00 \$40,000.00 \$4	36		3,300		\$30.00	
39 Regrade FCOC Channel 1 LS \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$55,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$440,000.00 \$425,000.00 \$125,000.00 \$125,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$45,000.00 \$46,000.00 \$40 LF \$10,000.00 \$40,000.00 <						
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42Irrigation Pipeline Reinforcement1LS\$45,000.00\$45,000.0043Relocate Existing 6-inch Sanitary Sewer Force Main1LS\$10,000.00\$10,000.0044Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension40LF\$100.00\$4,000.0045Protect in Place Existing 18-inch Sanitary Sewer Force Main1LS\$10,000.00\$10,000.0046Construct Electrical Service to Big League Dreams Storm Drain Pump Station1LS\$45,800.00						
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						
44Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension40LF\$100.00\$4,000.0045Protect in Place Existing 18-inch Sanitary Sewer Force Main Construct Electrical Service to Big League Dreams Storm Drain Pump Station1LS\$10,000.00\$10,000.0046Construct Station1LS\$45,800.00\$45,800.00		-				
Box Culvert Extension Image: Construct Extension Image: Construct Extension Image: Construct Extension 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 1 LS \$45,800.00 \$45,800.00		Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft				
Construct Electrical Service to Big League Dreams Storm Drain Pump Station 1 LS \$45,800.00 \$45,800.00		Box Culvert Extension				
46 Drain Pump Station 1 LS \$45,800.00 \$45,800.00						
	46	5 S	1	LS	\$45,800.00	\$45,800.00 \$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			
ЗA	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	TOTAL ADDITIVE BID ITEMS 1A - 9A							
TOTAL	TOTAL BID ITEMS 1 - 46 AND 1A - 9A							

	ADDITIVE BID ITEM B								
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST				
18	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				

SPIESS CONSTRUCTION CO, INC SANTA MARIA, CA							
TEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST		
1	Mobilization / Demobilization	1	LS	\$600,000.00	\$600,000.00		
_	Prepare and Implement Water Pollution Control Plan	1	LS	\$60,000.00	\$60,000.00		
	Furnish Construction Manager's Trailer	1	LS	\$36,000.00	\$36,000.00		
	Clearing and Grubbing	1	LS	\$40,000.00	\$40,000.00		
	Construct and Maintain Access Roads	1	LS	\$100,000.00	\$100,000.00		
	Traffic Control	1	LS	\$24,000.00	\$24,000.00		
	Site Demolition	1	LS	\$40,000.00	\$40,000.00		
	Tree Removal	1	LS	\$4,000.00	\$4,000.00		
	Dewatering	1	LS	\$1,200,000.00	\$1,200,000.00		
	Bypass Pumping and Temporary Facilities	1	LS LF	\$800,000.00	\$800,000.00		
11	Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm	1,100	LF	\$220.00	\$242,000.00		
12	Pumish 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		
	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		
	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		
	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$16,000.00	\$16,000.00		
	Recycled Water Service Connections	5	EA	\$6,000.00	\$30,000.00		
_	Repurpose Existing Sanitary Sewer Force Main	3,300	LF	\$20.00	\$66,000.00		
_	Connect to Existing Sanitary Sewer at Daniels Street	1	LS	\$12,000.00	\$12,000.00		
_	Modify Existing 12-inch Storm Drain Force Main	1	LS	\$14,000.00	\$14,000.00		
_	Regrade FCOC Channel	1	LS	\$20,615.00	\$20,615.00		
	Backfill Drain 8	1	LS	\$252,000.00	\$252,000.00		
	Construct Irrigation Field Protection Berms	1	LS	\$18,000.00	\$18,000.00		
	Irrigation Pipeline Reinforcement	1	LS	\$25,000.00 \$15,000.00	\$25,000.00		
лл	Relocate Existing 6-inch Sanitary Sewer Force Main Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft	1 40	LS LF	\$15,000.00 \$375.00	\$15,000.00 \$15,000.00		
45	Box Culvert Extension	1	LS	\$5,000.00	\$5,000.00		
46	Protect in Place Existing 18-inch Sanitary Sewer Force Main Construct Electrical Service to Big League Dreams Storm	1	LS	\$25,000.00	\$25,000.00		
· -	Drain Pump Station		-•	+==,=00.00	+======================================		

	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			
ЗA	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	\$2,447,085.00							
TOTAI	L 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				
18	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				

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	ITEM DESCRIPTION Mobilization / Demobilization Prepare and Implement Water Pollution Control Plan Furnish Construction Manager's Trailer Clearing and Grubbing Construct and Maintain Access Roads Traffic Control Site Demolition Tree Removal Dewatering Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street Furnish and Install 48-inch Sanitary Sewer, Open-Cut Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street Furnish and Install 48-inch Sanitary Sewer, Open-Cut	BID QTY 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UNIT LS LS LS LS LS LS LS LS LS LS	UNIT COST \$500,000.00 \$20,000.00 \$48,000.00 \$25,000.00 \$25,000.00 \$10,000.00 \$20,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$670	TOTAL COST \$500,000.00 \$20,000.00 \$48,000.00 \$250,000.00 \$10,000.00 \$50,000.00 \$200,000.00 \$200,000.00 \$737,000.00 \$25,500.00 \$12,000.00
2 3 4 6 7 7 8 7 8 7 9 1 1 0 1 1 1 1 2 1 3 1 4 6 1 1 5 1 6 1 1 5 1 6 1 6 1 1 6 1 1 6 1 6	Prepare and Implement Water Pollution Control Plan Furnish Construction Manager's Trailer Clearing and Grubbing Construct and Maintain Access Roads Traffic Control Site Demolition Tree Removal Dewatering Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1 1 1 1 1 1 1 1,100 3 10 1	LS LS LS LS LS LS LS LS LS LS LF EA LF	\$20,000.00 \$48,000.00 \$250,000.00 \$10,000.00 \$50,000.00 \$200,000.00 \$200,000.00 \$200,000.00 \$670.00 \$8,500.00 \$1,200.00	\$20,000.00 \$48,000.00 \$250,000.00 \$10,000.00 \$50,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$200,000.00 \$200,000.00 \$25,500.00
3 4 5 6 7 8 9 10 11 12 13 14 15 16	Furnish Construction Manager's Trailer Clearing and Grubbing Construct and Maintain Access Roads Traffic Control Site Demolition Tree Removal Dewatering Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install 54-inch Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1 1 1 1 1 1 1,100 3 10 1	LS LS LS LS LS LS LS LS LS LF EA LF	\$48,000.00 \$250,000.00 \$10,000.00 \$50,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$670.00 \$8,500.00 \$1,200.00	\$48,000.00 \$250,000.00 \$10,000.00 \$50,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$200,000.00 \$200,000.00 \$25,500.00
4 0 5 0 6 7 8 9 10 1 11 1 12 1 13 1 14 0 15 0 16	Clearing and Grubbing Construct and Maintain Access Roads Traffic Control Site Demolition Tree Removal Dewatering Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1 1 1 1 1 1 1,100 3 10 1	LS LS LS LS LS LS LS LS LF EA LF	\$250,000.00 \$25,000.00 \$50,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$670.00 \$8,500.00 \$1,200.00	\$250,000.00 \$25,000.00 \$50,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$200,000.00 \$200,000.00 \$25,500.00
5 6 7 8 9 10 11 12 13 14 15 16	Construct and Maintain Access Roads Traffic Control Site Demolition Tree Removal Dewatering Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1 1 1 1 1,100 3 10 1	LS LS LS LS LS LS LF EA LF	\$25,000.00 \$10,000.00 \$50,000.00 \$20,000.00 \$200,000.00 \$670.00 \$8,500.00 \$1,200.00	\$25,000.00 \$10,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$200,000.00 \$200,000.00 \$25,500.00
6 7 8 9 10 11 12 13 14 15 16	Traffic Control Site Demolition Tree Removal Dewatering Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1 1 1 1,100 3 10 1	LS LS LS LS LS LF EA LF	\$10,000.00 \$50,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$670.00 \$8,500.00 \$1,200.00	\$10,000.00 \$50,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$737,000.00 \$25,500.00
7 8 9 10 10 11 12 13 13 14 15 16	Site Demolition Tree Removal Dewatering Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1 1 1,100 3 10 1	LS LS LS LF EA LF	\$50,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$670.00 \$8,500.00 \$1,200.00	\$50,000.00 \$20,000.00 \$200,000.00 \$200,000.00 \$737,000.00 \$25,500.00
8 7 9 10 1 11 1 12 1 13 1 14 0 15 0	Tree Removal Dewatering Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1 1 1,100 3 10 1	LS LS LF EA LF	\$20,000.00 \$200,000.00 \$200,000.00 \$670.00 \$8,500.00 \$1,200.00	\$20,000.00 \$200,000.00 \$200,000.00 \$737,000.00 \$25,500.00
9 10 11 12 13 14 15 16	Dewatering Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1 1,100 3 10 1	LS LS LF EA LF	\$200,000.00 \$200,000.00 \$670.00 \$8,500.00 \$1,200.00	\$200,000.00 \$200,000.00 \$737,000.00 \$25,500.00
10 11 12 13 14 15 16	Bypass Pumping and Temporary Facilities Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1 1,100 3 10 1	LS LF EA LF	\$200,000.00 \$670.00 \$8,500.00 \$1,200.00	\$200,000.00 \$737,000.00 \$25,500.00
11 12 13 14 15 16	Furnish and Install 54-inch Storm Drain Pipe, Open-Cut Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1,100 3 10 1	LF EA LF	\$670.00 \$8,500.00 \$1,200.00	\$737,000.00 \$25,500.00
12 13 14 15	Furnish and Install Storm Drain Manholes on 54-inch Storm Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	3 10 1	EA LF	\$8,500.00 \$1,200.00	\$25,500.00
12 13 14 15 16	Drain Furnish and Install 13 ft x 3 ft Box Culvert Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	10 1	LF	\$1,200.00	
14 15	Construct Drain 7 / Daniels Street Junction Structure Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	1			\$12,000,00
15	Furnish and Install 48-inch Sanitary Sewer and 78-inch Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street		LS	¢100.000.00	ψ12,000.00
15 16	Casing, Microtunnel at SR-120 Furnish and Install 48-inch Sanitary Sewer, Microtunnel from SR-120 to Daniels Street	315		\$130,000.00	\$130,000.00
	SR-120 to Daniels Street		LF	\$3,300.00	\$1,039,500.00
		1,590	LF	\$1,600.00	\$2,544,000.00
		2,500	LF	\$1,080.00	\$2,700,000.00
	Construct Microtunnel Jacking Shaft, Sanitary Sewer	2	EA	\$245,000.00	\$490,000.00
	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
	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
	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
	Furnish and Install 18-inch Butterfly Valves, Recycled Water	3	EA	\$6,500.00	\$19,500.00
	Furnish and Install Recycled Water Valve Vault RW-01	1	LS	\$35,000.00	\$35,000.00
	Furnish and Install Recycled Water Valve Vault RW-02	1	LS	\$30,000.00	\$30,000.00
	Recycled Water Service Connections	5	EA	\$3,000.00	\$15,000.00
	Repurpose Existing Sanitary Sewer Force Main	3,300	LF	\$20.00	\$66,000.00
	Connect to Existing Sanitary Sewer at Daniels Street	1	LS	\$60,000.00 \$5,000.00	\$60,000.00
	Modify Existing 12-inch Storm Drain Force Main	1 1	LS LS	\$5,000.00 \$50,000,00	\$5,000.00
_	Regrade FCOC Channel Backfill Drain 8	1	LS	\$50,000.00 \$62,500.00	\$50,000.00 \$62,500.00
	Construct Irrigation Field Protection Berms	1	LS	\$75,000.00	\$62,500.00
	Irrigation Pipeline Reinforcement	1	LS	\$5,000.00	\$5,000.00
	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
15	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

	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			
ЗA	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	\$2,771,040.00							
TOTAI	TOTAL BID ITEMS 1 - 46 AND 1A - 9A							

	ADDITIVE BID ITEM B							
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL COST			
18	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			

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	
	Prepare and Implement Water Pollution Control Plan	1	LS	\$177,000.00	\$177,000.00	
	Furnish Construction Manager's Trailer	1	LS	\$142,000.00	\$142,000.00	
	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	
	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	
	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	
	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 43	Irrigation Pipeline Reinforcement Relocate Existing 6-inch Sanitary Sewer Force Main	1	LS LS	\$13,400.00 \$6,100.00	\$13,400.00 \$6,100.00	
43	Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft Box Culvert Extension	40	LS	\$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	
	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	
ЗA	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	\$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		
18	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		

SIERRA MOUNTAIN CONSTRUCTION, INC SONORA, CA						
TEM 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 Furnish and Install Storm Drain Manholes on 54-inch Storm	1,100	LF	\$390.00	\$429,000.00	
12	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 27	Construct Microtunnel Jacking Shaft, Potable Water Construct Microtunnel Receiving Shaft, Potable Water	1	EA EA	\$150,000.00 \$90,000.00	\$150,000.00 \$90,000.00	
27	Furnish and Install 18-inch Butterfly Valves, Potable Water	2	EA	\$90,000.00	\$90,000.00	
29	Furnish and Install 12-inch Gate Valves	5	EA	\$3,750.00	\$18,750.00	
29 30	Connect to Existing Potable Water Mains	2	EA	\$10,500.00	\$13,750.00	
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 Relocate Existing 8-inch Storm Drain Force Main at 12 ft x 3 ft	1	LS	\$8,000.00	\$8,000.00	
44	Box Culvert Extension	40	LF	\$300.00	\$12,000.00	
45	Protect in Place Existing 18-inch Sanitary Sewer Force Main Construct Electrical Service to Big League Dreams Storm	1	LS	\$15,000.00	\$15,000.00	
46	Drain Pump Station	1	LS	\$50,000.00	\$50,000.00	
OTAL	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	
ЗA	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	\$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		
18	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		