

Bid Summary
for
Carnelian Sewer Pump Station Rehabilitation Project
Bid Opening March 9, 2017, 3:00 PM

Item #	Description	Quantity	Unit	Engineer's Estimate		Myers & Sons		Farr Construction (RDC)		TNT Industrial		Q&D Construction*	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	Mobilization/Demobilization	1	LS	\$ 90,000	\$ 90,000	\$ 69,000	\$ 69,000	\$ 91,000	\$ 91,000	\$ 125,000.00	\$ 125,000	\$ 194,000	\$ 194,000
2	Temporary Erosion Controls/Tree Protection	1	LS	\$ 15,000	\$ 15,000	\$ 30,000	\$ 30,000	\$ 6,800	\$ 6,800	\$ 14,194.00	\$ 14,194	\$ 5,000	\$ 5,000
3	Traffic Control	1	LS	\$ 5,000	\$ 5,000	\$ 20,200	\$ 20,200	\$ 11,400	\$ 11,400	\$ 14,200.00	\$ 14,200	\$ 10,000	\$ 10,000
4	Sheeting, Shoring and Bracing	1	LS	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 4,100	\$ 4,100	\$ 778.00	\$ 778	\$ 6,000.00	\$ 6,000
5	Short Duration Foremain Bypass (For Foremain Spot Repair and New Bypass Valve Assembly)	1	LS	\$ 50,000	\$ 50,000	\$ 60,000	\$ 60,000	\$ 60,400	\$ 60,400	\$ 54,656.00	\$ 54,656	\$ 26,000	\$ 26,000
6	Carnelian Sewer Pump Station Bypass Pumping	1	LS	\$ 70,000	\$ 70,000	\$ 190,000	\$ 190,000	\$ 551,133	\$ 551,133	\$ 340,775.00	\$ 340,775	\$ 450,000	\$ 450,000
7	BMP Stormwater Infiltration Facilities	1	LS	\$ 25,000	\$ 25,000	\$ 12,000	\$ 12,000	\$ 6,400	\$ 6,400	\$ 5,856.00	\$ 5,856	\$ 2,500	\$ 2,500
8	Rock Excavation (Reversible if not needed)	10	CV	\$ 700	\$ 7,000	\$ 1,980	\$ 19,800	\$ 1,300	\$ 13,000	\$ 127.00	\$ 1,270	\$ 1,700	\$ 17,000
9	Trench Dewatering (Reversible if not needed)	10	1,000 GAL	\$ 750	\$ 7,500	\$ 2,000	\$ 20,000	\$ 1,400	\$ 14,000	\$ 380.00	\$ 3,800	\$ 400	\$ 4,000
10	24" Foremain Spot Repair	1	EA	\$ 15,000	\$ 15,000	\$ 39,000	\$ 39,000	\$ 24,000	\$ 24,000	\$ 31,112.00	\$ 31,112	\$ 5,000	\$ 5,000
11	Installation of Bypass Valve Assembly in Onyx Street	1	LS	\$ 30,000	\$ 30,000	\$ 55,000	\$ 55,000	\$ 25,300	\$ 25,300	\$ 30,478.00	\$ 30,478	\$ 60,000	\$ 60,000
12	Demolition at the Wet Well	1	LS	\$ 3,000	\$ 3,000	\$ 15,000	\$ 15,000	\$ 8,200	\$ 8,200	\$ 16,174.00	\$ 16,174	\$ 8,100	\$ 8,100
13	Demolition at the Dry Well	1	LS	\$ 20,000	\$ 20,000	\$ 22,000	\$ 22,000	\$ 22,900	\$ 22,900	\$ 17,594.00	\$ 17,594	\$ 28,000	\$ 28,000
14	Demolition at the Control Building	1	LS	\$ 46,000	\$ 46,000	\$ 85,000	\$ 85,000	\$ 40,200	\$ 40,200	\$ 34,043.00	\$ 34,043	\$ 33,000	\$ 33,000
15	AC Pavement	1550	SF	\$ 9.27	\$ 14,370	\$ 8	\$ 12,788	\$ 22	\$ 33,325	\$ 19.00	\$ 29,450	\$ 9.00	\$ 13,950
16	Seal Existing Pavement	1130	SF	\$ 5	\$ 5,650	\$ 1	\$ 791	\$ 1	\$ 1,413	\$ 4.00	\$ 4,520	\$ 2.50	\$ 2,825
17	Remove and Replace Site Fencing	110	LF	\$ 25	\$ 2,750	\$ 52	\$ 5,720	\$ 105	\$ 11,550	\$ 197.00	\$ 21,670	\$ 50	\$ 5,500
18	Remove and Replace Barbed Wire and Holders/Arms on Existing Fencing and Gates	350	LF	\$ 7	\$ 2,450	\$ 6	\$ 2,100	\$ 15	\$ 5,250	\$ 19.00	\$ 6,650	\$ 10	\$ 3,500
19	Bollards	6	EA	\$ 400	\$ 2,400	\$ 1,800	\$ 10,800	\$ 960	\$ 5,760	\$ 1,113.00	\$ 6,678	\$ 1,250	\$ 7,500
20	Site Piping and Valves for Drains, Water, and Air	1	LS	\$ 5,480	\$ 5,480	\$ 25,000	\$ 25,000	\$ 14,600	\$ 14,600	\$ 12,692.00	\$ 12,692	\$ 21,000	\$ 21,000
21	Concrete Top With Hatch for Wet Well	1	LS	\$ 12,000	\$ 12,000	\$ 21,000	\$ 21,000	\$ 9,300	\$ 9,300	\$ 12,070.00	\$ 12,070	\$ 12,000	\$ 12,000
22	Pump Suction Piping and Grout Fillets in the Wet Well	1	LS	\$ 17,500	\$ 17,500	\$ 24,500	\$ 24,500	\$ 30,200	\$ 30,200	\$ 21,170.00	\$ 21,170	\$ 30,000	\$ 30,000
23	Wet Well Lining	1	LS	\$ 18,000	\$ 18,000	\$ 25,500	\$ 25,500	\$ 19,000	\$ 19,000	\$ 49,663.00	\$ 49,663	\$ 30,000	\$ 30,000
24	Pump Bases	4	EA	\$ 6,000	\$ 24,000	\$ 7,500	\$ 30,000	\$ 1,600	\$ 6,400	\$ 2,043.00	\$ 8,172	\$ 3,500	\$ 14,000
25	Submersible Dry Well Pumps	4	EA	\$ 43,650	\$ 174,600	\$ 82,500	\$ 330,000	\$ 68,300	\$ 273,200	\$ 55,000.00	\$ 220,000	\$ 55,000	\$ 220,000
26	Piping, Valves, and Accessories in the Dry Well	1	LS	\$ 83,000	\$ 83,000	\$ 52,000	\$ 52,000	\$ 161,000	\$ 161,000	\$ 111,206.00	\$ 111,206	\$ 170,000	\$ 170,000
27	Sump Pump in the Dry Well	1	LS	\$ 1,500	\$ 1,500	\$ 3,500	\$ 3,500	\$ 3,400	\$ 3,400	\$ 2,495.00	\$ 2,495	\$ 3,500	\$ 3,500
28	Ventilation Improvements in the Dry Well	1	LS	\$ 5,800	\$ 5,800	\$ 10,000	\$ 10,000	\$ 4,100	\$ 4,100	\$ 32,898.00	\$ 32,898	\$ 3,000	\$ 3,000
29	Painting and Grouting in the Dry Well	1	LS	\$ 29,500	\$ 29,500	\$ 55,000	\$ 55,000	\$ 45,100	\$ 45,100	\$ 57,788.00	\$ 57,788	\$ 25,000	\$ 25,000
30	Demolition and Improvements at the Surge Relief Valve Vault	1	LS	\$ 27,500	\$ 27,500	\$ 57,800	\$ 57,800	\$ 34,100	\$ 34,100	\$ 35,314.00	\$ 35,314	\$ 41,000	\$ 41,000
31	Improvements at New Flow Meter Vault	1	LS	\$ 44,800	\$ 44,800	\$ 60,000	\$ 60,000	\$ 45,100	\$ 45,100	\$ 29,315.00	\$ 29,315	\$ 52,000	\$ 52,000
32	Painting/Sealing Exterior Walls of Control Building	1	LS	\$ 2,700	\$ 2,700	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 4,192.00	\$ 4,192	\$ 8,000	\$ 8,000
33	New Door In Control Building	1	EA	\$ 2,000	\$ 2,000	\$ 12,000	\$ 12,000	\$ 5,200	\$ 5,200	\$ 4,682.00	\$ 4,682	\$ 6,200	\$ 6,200
34	Seismic Retrofit of the Control Building	1	LS	\$ 4,000	\$ 4,000	\$ 25,000	\$ 25,000	\$ 5,100	\$ 5,100	\$ 29,639.00	\$ 29,639	\$ 32,000	\$ 32,000
35	Piping/Plumbing in the Control Building	1	LS	\$ 3,500	\$ 3,500	\$ 21,000	\$ 21,000	\$ 5,900	\$ 5,900	\$ 10,567.00	\$ 10,567	\$ 26,000	\$ 26,000
36	Ventilation Improvements in the Control Building	1	LS	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 9,500	\$ 9,500	\$ 45,546.00	\$ 45,546	\$ 5,000	\$ 5,000
37	Painting Inside the Control Building	1	LS	\$ 5,650	\$ 5,650	\$ 8,000	\$ 8,000	\$ 6,500	\$ 6,500	\$ 9,743.00	\$ 9,743	\$ 9,500	\$ 9,500
38	Grouting and Coating the Control Building Floor	1	LS	\$ 8,500	\$ 8,500	\$ 37,000	\$ 37,000	\$ 6,200	\$ 6,200	\$ 6,953.00	\$ 6,953	\$ 12,700	\$ 12,700
39	Modification of the Existing Concrete Generator Pad	1	LS	\$ 6,000	\$ 6,000	\$ 10,550	\$ 10,550	\$ 2,600	\$ 2,600	\$ 13,924.00	\$ 13,924	\$ 7,200	\$ 7,200
40	Air Supply and Radiator Exhaust Louvers and Ducting for Standby Generator	1	LS	\$ 15,500	\$ 15,500	\$ 54,800	\$ 54,800	\$ 23,770	\$ 23,770	\$ 16,267.00	\$ 16,267	\$ 15,000	\$ 15,000
41	Standby Generator System	1	LS	\$ 113,482	\$ 113,482	\$ 210,000	\$ 210,000	\$ 105,900	\$ 105,900	\$ 139,143.00	\$ 139,143	\$ 120,000	\$ 120,000
42	400 Amp Service - Utility Side	1	LS	\$ 26,000	\$ 26,000	\$ 11,200	\$ 11,200	\$ 12,500	\$ 12,500	\$ 26,027.00	\$ 26,027	\$ 11,200	\$ 11,200
43	400 Amp Service Equipment with Main Breaker and Manual Transfer Switch and Mobile Generator Connections	1	LS	\$ 65,000	\$ 65,000	\$ 41,000	\$ 41,000	\$ 42,000	\$ 42,000	\$ 19,520.00	\$ 19,520	\$ 41,000	\$ 41,000
44	400 Amp Automatic Transfer Switch	1	LS	\$ 35,000	\$ 35,000	\$ 26,000	\$ 26,000	\$ 27,500	\$ 27,500	\$ 33,804.00	\$ 33,804	\$ 26,000	\$ 26,000
45	Portable Generator Receptacle for One Pump, With Manual Transfer Switch	1	LS	\$ 17,000	\$ 17,000	\$ 16,500	\$ 16,500	\$ 16,500	\$ 16,500	\$ 20,914.00	\$ 20,914	\$ 16,500	\$ 16,500
46	Site Conduit, Wiring, and Termination Enclosure	1	LS	\$ 44,400	\$ 44,400	\$ 27,000	\$ 27,000	\$ 41,500	\$ 41,500	\$ 39,800.00	\$ 39,800	\$ 27,000	\$ 27,000
47	Dry Well Conduit and Wiring	1	LS	\$ 48,800	\$ 48,800	\$ 69,000	\$ 69,000	\$ 69,000	\$ 69,000	\$ 87,459.00	\$ 87,459	\$ 69,000	\$ 69,000
48	Control Building Conduit and Wiring	1	LS	\$ 44,600	\$ 44,600	\$ 138,892	\$ 138,892	\$ 139,000	\$ 139,000	\$ 183,548.00	\$ 183,548	\$ 138,892	\$ 138,892
49	Power Distribution and Lighting Panel	1	LS	\$ 60,000	\$ 60,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 34,223.00	\$ 34,223	\$ 27,000	\$ 27,000
50	Variable Frequency Drive with SqD ATV630D45N4 - Assembly Complete	4	EA	\$ 50,000	\$ 200,000	\$ 39,625	\$ 158,500	\$ 40,100	\$ 160,400	\$ 50,225.00	\$ 200,900	\$ 39,625	\$ 158,500
51	Ultrasonic Level Sensor Installation and Float Switches	1	LS	\$ 23,000	\$ 23,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,803.00	\$ 3,803	\$ 3,000	\$ 3,000
52	SCADA RTU Telemetry and Programming	1	LS	\$ 144,000	\$ 144,000	\$ 130,760	\$ 130,760	\$ 130,800	\$ 130,800	\$ 165,743.00	\$ 165,743	\$ 130,760	\$ 130,760
53	SCADA Control Panel Installation	1	LS	\$ 25,000	\$ 25,000	\$ 11,000	\$ 11,000	\$ 12,600	\$ 12,600	\$ 13,943.00	\$ 13,943	\$ 11,000	\$ 11,000
54	Power for Heat Tracing of the Control Building Downspouts	1	LS	\$ 6,000	\$ 6,000	\$ 4,500	\$ 4,500	\$ 4,600	\$ 4,600	\$ 5,704.00	\$ 5,704	\$ 4,500	\$ 4,500
55	Lighting Fixtures and Controls	1	LS	\$ 19,500	\$ 19,500	\$ 23,500	\$ 23,500	\$ 23,500	\$ 23,500	\$ 29,787.00	\$ 29,787	\$ 23,500	\$ 23,500
56	Arc Flash Hazard Analysis	1	LS	\$ 12,000	\$ 12,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 19,013.00	\$ 19,013	\$ 15,000	\$ 15,000
57	Cathodic Protection Study and Design	1	LS	\$ 8,000	\$ 8,000	\$ 6,000	\$ 6,000	\$ 9,500	\$ 9,500	\$ 8,239.00	\$ 8,239	\$ 7,000	\$ 7,000
58	Cathodic Protection Improvements	1	LS	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000.00	\$ 30,000	\$ 30,000	\$ 30,000
				Total	\$ 1,844,432	\$ 2,509,000.50	\$ 2,509,000.50	\$ 2,529,000.00	\$ 2,529,000.00	\$ 2,554,764.00	\$ 2,554,764.00	*See note below	\$ 2,467,842.00

Bid Additive Item #1, Emergency Force Main Highway Crossing

Item #	Description	Quantity	Unit	Engineer's Estimate		Myers & Sons		Farr Construction (RDC)		TNT Industrial		Q&D Construction	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
A-1	Forcemain Bypass Pipe for Highway 28 Crossing	1	LS		\$ 77,200	\$ 131,000	\$ 131,000	\$ 139,400	\$ 139,400	\$ 127,659.00	\$ 127,659	\$ 94,000	\$ 94,000
A-2	Traffic Control for Forcemain Bypass Pipe for Highway 28 Crossing	1	LS		\$ 7,500	\$ 24,000	\$ 24,000	\$ 34,300	\$ 34,300	\$ 15,000.00	\$ 15,000	\$ 8,500	\$ 8,500
				Total	\$ 84,700.00	\$ 155,000.00	\$ 155,000.00	\$ 173,700.00	\$ 173,700.00	\$ 142,659.00	\$ 142,659.00		\$ 102,500.00

Note: Q&D Construction's total base bid amount as written on the Proposal Form was \$2,559,525.00. When tabulated by the District, the actual amount was different. As a threshold matter, the District has broad discretion to determine responsiveness and accept a responsive bid even if there are minor irregularities or mistakes, as long as such mistakes are immaterial. (See *Menefee v. County of Fresno* (1985) 163 Cal.App.3d 1175; *Ghillot Construction Co. v. City of Richmond* (1996) 45 Cal.App.4th 897.). However, the District has no authority to waive errors that make the bid materially different than intended. (See *Valley Crest Landscape, Inc. v. City of Davis* (1996) 41 Cal.App.4th 1432.). A mistake affecting the amount of the bid is generally considered a material mistake. (*Valley Crest Landscape, Inc. v. City Council* (1996) 41 Cal.App.4th 1432.). Therefore, Q&D Construction's bid is deemed non-responsive.