

Bid Summary

Project Name: **Smith Canal Gate**
Project Number: **2091-0065**

Bid Opening Date: **4/16/2020**
Bid Opening Time: **2:30 PM**

Line Item	Item Description	Estimated Quantity	Unit	Contractor Name & Address Shimmick Construction Company, Inc. 1 Harbor Center, Suite 200 Suisun City, CA 94585		Contractor Name & Address California Engineering Contractors 20 Happy Valley Road Pleasanton, CA 94566		Contractor Name & Address The Dutra Group 2350 Kerner Blvd, Suite 200 San Rafael, CA 94901-5595	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
SCHEDULE 1									
General Requirements									
1	Mobilization and Demobilization	1	LS	\$4,800,000.00	\$4,800,000.00	\$2,870,000.00	\$2,870,000.00	\$3,000,000.00	\$3,000,000.00
2	Demolition and Disposal	1	LS	\$100.00	\$100.00	\$150,000.00	\$150,000.00	\$200,000.00	\$200,000.00
3	CPM Schedule and Updates (assume 24 mo. Const.)	1	LS	\$50,000.00	\$50,000.00	\$100,000.00	\$100,000.00	\$20,000.00	\$20,000.00
4	Shop Drawings and Special Conditions	1	LS	\$400,000.00	\$400,000.00	\$750,000.00	\$750,000.00	\$150,000.00	\$150,000.00
5	Permits, Fees, Easements, and Staging Areas	1	LS	\$10,000.00	\$10,000.00	\$500,000.00	\$500,000.00	\$7,000.00	\$7,000.00
6	Temporary Facilities/Fencing/Offices/Site Security	1	LS	\$400,000.00	\$400,000.00	\$200,000.00	\$200,000.00	\$900,000.00	\$900,000.00
7	Record Documents	1	LS	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$60,000.00	\$60,000.00
8	Facilities Start-Up & Testing	1	LS	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00
				Subtotal:	\$5,680,100.00		\$4,645,000.00		\$4,397,000.00
Gate Control Structure									
9	Furnish Sheet Pile Seepage Cutoff (PZ22)	40	EA	\$2,008.00	\$80,320.00	\$5,000.00	\$200,000.00	\$4,500.00	\$180,000.00
9.1	Contractor Designed Cofferdam	1	LS	\$2,465,000.00	\$2,465,000.00	\$3,230,000.00	\$3,230,000.00	\$1,800,000.00	\$1,800,000.00
10	Handle, Drive and Cut-off Sheet Pile Seepage Cutoff (PZ22)	40	EA	\$800.00	\$32,000.00	\$600.00	\$24,000.00	\$3,000.00	\$120,000.00
11	Dewatering	1	LS	\$600,000.00	\$600,000.00	\$200,000.00	\$200,000.00	\$400,000.00	\$400,000.00
12	Dredging	5,060	CY	\$62.00	\$313,720.00	\$250.00	\$1,265,000.00	\$120.00	\$607,200.00
13	Riprap Scour Protection - Gate Control Structure	5,500	TN	\$99.00	\$544,500.00	\$90.00	\$495,000.00	\$115.00	\$632,500.00
14	Furnish 36" Dia x 7/8" thk Piles (Material and Shipping)	5,600	LF	\$247.00	\$1,383,200.00	\$500.00	\$2,800,000.00	\$500.00	\$2,800,000.00
15	Handle and Drive 36" Dia. x 7/8" thick Piles	64	EA	\$9,000.00	\$576,000.00	\$22,000.00	\$1,408,000.00	\$15,000.00	\$960,000.00
16	Pipe Pile Concrete Fill	135	CY	\$685.00	\$92,475.00	\$250.00	\$33,750.00	\$2,000.00	\$270,000.00
17	HP14x117 Piles (Material, Shipping, and Installation)	350	LF	\$1,233.00	\$431,550.00	\$300.00	\$105,000.00	\$700.00	\$245,000.00
18	Reinforced Concrete - Structure	1,920	CY	\$1,035.00	\$1,987,200.00	\$2,200.00	\$4,224,000.00	\$4,000.00	\$7,680,000.00
19	Concrete - Tremie Slab	1	LS	\$900,000.00	\$900,000.00	\$200,000.00	\$200,000.00	\$610,000.00	\$610,000.00
20	Miter Gate	1	LS	\$1,745,000.00	\$1,745,000.00	\$2,800,000.00	\$2,800,000.00	\$1,800,000.00	\$1,800,000.00
21	Miter Gate Installation	1	LS	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$200,000.00	\$200,000.00
22	Gate Spray Jet System	1	LS	\$650,000.00	\$650,000.00	\$50,000.00	\$50,000.00	\$120,000.00	\$120,000.00
23	Access Structures and Closure Pile Bracing	1	LS	\$400,000.00	\$400,000.00	\$250,000.00	\$250,000.00	\$1,050,000.00	\$1,050,000.00
24	Gudgeon Forgings	1	LS	\$400,000.00	\$400,000.00	\$100,000.00	\$100,000.00	\$200,000.00	\$200,000.00
25	Gudgeon and Actuator Connections Rolled Steel Components	1	LS	\$500,000.00	\$500,000.00	\$42,000.00	\$42,000.00	\$220,000.00	\$220,000.00
26	Pintle Forgings	1	LS	\$800,000.00	\$800,000.00	\$200,000.00	\$200,000.00	\$510,000.00	\$510,000.00
27	Self-Lubricated Bearings, Seals, and Misc Components	1	LS	\$650,000.00	\$650,000.00	\$100,000.00	\$100,000.00	\$300,000.00	\$300,000.00
28	Stoplogs	1	LS	\$1,800,000.00	\$1,800,000.00	\$1,250,000.00	\$1,250,000.00	\$1,300,000.00	\$1,300,000.00
29	Mechanical - Latch Assembly	1	LS	\$500,000.00	\$500,000.00	\$10,000.00	\$10,000.00	\$160,000.00	\$160,000.00
30	Mechanical - Gate Actuators	1	LS	\$2,000,000.00	\$2,000,000.00	\$225,000.00	\$225,000.00	\$70,000.00	\$70,000.00
31	Navigation Related Components	1	LS	\$600,000.00	\$600,000.00	\$250,000.00	\$250,000.00	\$200,000.00	\$200,000.00
32	Closure Pile CLSM	5	CY	\$1,300.00	\$6,500.00	\$1,000.00	\$5,000.00	\$4,000.00	\$20,000.00
				Subtotal:	\$19,757,465.00		\$19,766,750.00		\$22,454,700.00
Cellular Sheet Pile Wall Closure									
33	Furnish Sheet Piling Cell Structure (AS 500) STA 3+14 - 4+90	400	EA	\$5,667.00	\$2,266,800.00	\$8,000.00	\$3,200,000.00	\$6,000.00	\$2,400,000.00
34a	Furnish Sheet Piling Cell Structure (AS 500) STA 0+56 - 2+26, 4+90 - 8+11	1,075	EA	\$5,084.00	\$5,465,300.00	\$7,000.00	\$7,525,000.00	\$4,500.00	\$4,837,500.00
35	Furnish Wye Pile STA 3+14 - 4+90	18	EA	\$17,000.00	\$306,000.00	\$27,000.00	\$486,000.00	\$28,000.00	\$504,000.00
36a	Furnish Wye Pile STA 0+56 - 2+26, 4+90 - 8+11	46	EA	\$15,000.00	\$690,000.00	\$24,000.00	\$1,104,000.00	\$23,000.00	\$1,058,000.00
37	Handle/ Drive Sheet Piling Cell Structure Elements STA 3+14 - 4+90	400	EA	\$1,800.00	\$720,000.00	\$4,700.00	\$1,880,000.00	\$9,500.00	\$3,800,000.00

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				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
38a	Handle/ Drive Sheet Piling Cell Structure Elements STA 0+56 - 2+26, 4+90 – 8+11	1,075	EA	\$2,034.00	\$2,186,550.00	\$4,300.00	\$4,622,500.00	\$4,800.00	\$5,160,000.00
39	Coatings on Flat web Sheets (top 35')	193,175	SF	\$4.60	\$888,605.00	\$10.00	\$1,931,750.00	\$12.00	\$2,318,100.00
40a	Furnish PZ 40 Sheet Pile	205	EA	\$2,025.00	\$415,125.00	\$5,000.00	\$1,025,000.00	\$5,000.00	\$1,025,000.00
41a	Handle, Drive and Cut-off PZ40 Sheet Pile	205	EA	\$1,360.00	\$278,800.00	\$900.00	\$184,500.00	\$2,000.00	\$410,000.00
42	NOT USED	N/A	N/A						
43	Riprap Scour Protection - Cellular Sheet Pile Wall Closure	4,100	TN	\$71.00	\$291,100.00	\$90.00	\$369,000.00	\$75.00	\$307,500.00
44	Dredging (Optional - A)	1,950	CY	\$64.00	\$124,800.00	\$135.00	\$263,250.00	\$70.00	\$136,500.00
45	Granular Fill	12,900	CY	\$90.00	\$1,161,000.00	\$75.00	\$967,500.00	\$73.00	\$941,700.00
				Subtotal:	\$14,794,080.00		\$23,558,500.00		\$22,898,300.00
Dolphin/Impact Barrier - Pipe Piles									
46	Furnish 36" Dia x 0.625" thk Piles (Material and Shipping)	2,600	LF	\$143.00	\$371,800.00	\$300.00	\$780,000.00	\$420.00	\$1,092,000.00
47	Handle and Drive 36" Dia. x 0.625" thick Piles	40	EA	\$11,000.00	\$440,000.00	\$3,000.00	\$120,000.00	\$10,000.00	\$400,000.00
48	Floating Donut Fenders (Protective Piles)	4	EA	\$45,000.00	\$180,000.00	\$30,000.00	\$120,000.00	\$17,000.00	\$68,000.00
49	Misc. Fittings (nav lights, signage)	1	LS	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$45,000.00	\$45,000.00
				Subtotal:	\$1,041,800.00		\$1,070,000.00		\$1,605,000.00
Electrical Equipment									
50	Power Distribution Equipment	1	LS	\$300,000.00	\$300,000.00	\$85,000.00	\$85,000.00	\$190,000.00	\$190,000.00
51	Control Equipment	1	LS	\$300,000.00	\$300,000.00	\$150,000.00	\$150,000.00	\$275,000.00	\$275,000.00
52	Site Lighting	1	LS	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$275,000.00	\$275,000.00
53	Motor Control Equipment	1	LS	\$100,000.00	\$100,000.00	\$75,000.00	\$75,000.00	\$90,000.00	\$90,000.00
54	Conduit and Wire	1	LS	\$700,000.00	\$700,000.00	\$875,000.00	\$875,000.00	\$750,000.00	\$750,000.00
55	O&M, Startup, Commissioning, Training	1	LS	\$25,000.00	\$25,000.00	\$35,500.00	\$35,500.00	\$25,000.00	\$25,000.00
				Subtotal:	\$1,725,000.00		\$1,520,500.00		\$1,605,000.00
Dad's Point Improvements									
56	Dad's Point Demolition and Disposal	1	LS	\$500,000.00	\$500,000.00	\$100,000.00	\$100,000.00	\$55,000.00	\$55,000.00
57	Invasives Removal	19,000	SF	\$3.35	\$63,650.00	\$3.25	\$61,750.00	\$0.50	\$9,500.00
58	8' Tubular Steel Fencing	400	LF	\$250.00	\$100,000.00	\$250.00	\$100,000.00	\$420.00	\$168,000.00
59	Tubular Steel Gate	1	EA	\$14,500.00	\$14,500.00	\$15,000.00	\$15,000.00	\$21,000.00	\$21,000.00
60	Swing Gate	1	EA	\$7,200.00	\$7,200.00	\$7,000.00	\$7,000.00	\$15,000.00	\$15,000.00
61	Bollards	12	EA	\$1,020.00	\$12,240.00	\$1,250.00	\$15,000.00	\$2,900.00	\$34,800.00
62	Electrical Equipment Pad and Picnic Table Slabs	30	CY	\$925.00	\$27,750.00	\$1,250.00	\$37,500.00	\$900.00	\$27,000.00
63	Furnish Sheet Pile Wall (NZ-26/AZ-26)	730	EA	\$2,575.00	\$1,879,750.00	\$5,000.00	\$3,650,000.00	\$3,000.00	\$2,190,000.00
64	Handle, Drive and Sheet Pile Wall (Installation)	730	EA	\$400.00	\$292,000.00	\$350.00	\$255,500.00	\$440.00	\$321,200.00
65	Protective Concrete Cap for Exposed Floodwall	212	LF	\$285.00	\$60,420.00	\$170.00	\$36,040.00	\$220.00	\$46,640.00
66	Road Base (4" 3/4 in AB)	3,167	SY	\$30.00	\$95,010.00	\$17.00	\$53,839.00	\$17.00	\$53,839.00
67	Concrete Access Road	11,400	SF	\$20.00	\$228,000.00	\$30.00	\$342,000.00	\$20.00	\$228,000.00
68	Turf Block Access Road	17,100	SF	\$15.00	\$256,500.00	\$12.00	\$205,200.00	\$20.00	\$342,000.00
69	Engineered Fill (spread and compact)	4,200	CY	\$62.00	\$260,400.00	\$20.00	\$84,000.00	\$55.00	\$231,000.00
70	Parking Lot Repairs	3,000	SF	\$5.00	\$15,000.00	\$7.00	\$21,000.00	\$5.00	\$15,000.00
71	Sidewalk Replacement	1,625	SF	\$20.00	\$32,500.00	\$32.00	\$52,000.00	\$18.00	\$29,250.00
72	Fishing Platforms	2	EA	\$285,000.00	\$570,000.00	\$250,000.00	\$500,000.00	\$450,000.00	\$900,000.00
73	Partial Removal of 30" CIP Sewer	135	LF	\$82.00	\$11,070.00	\$100.00	\$13,500.00	\$130.00	\$17,550.00
74	Excavation of Sewer 30" CIP Sewer	100	LF	\$560.00	\$56,000.00	\$400.00	\$40,000.00	\$900.00	\$90,000.00
				Subtotal:	\$4,481,990.00		\$5,589,329.00		\$4,794,779.00

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				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
Landscaping Features									
75	Planter Boxes on Floodwall	132	EA	\$1,570.00	\$207,240.00	\$2,700.00	\$356,400.00	\$4,800.00	\$633,600.00
76	Planter Box Irrigation Pumps/Wells and Pressurized Tank Assembly	2	EA	\$13,300.00	\$26,600.00	\$5,500.00	\$11,000.00	\$11,000.00	\$22,000.00
77	Bat Boxes	5	EA	\$1,040.00	\$5,200.00	\$1,700.00	\$8,500.00	\$2,400.00	\$12,000.00
78	Picnic Tables with two Benches	3	EA	\$7,180.00	\$21,540.00	\$5,500.00	\$16,500.00	\$15,000.00	\$45,000.00
79	Benches	7	EA	\$2,100.00	\$14,700.00	\$1,500.00	\$10,500.00	\$3,100.00	\$21,700.00
80	Water Fountain	1	EA	\$4,200.00	\$4,200.00	\$8,000.00	\$8,000.00	\$14,000.00	\$14,000.00
81	Trash Receptacles	14	EA	\$2,365.00	\$33,110.00	\$1,500.00	\$21,000.00	\$3,000.00	\$42,000.00
82	Interpretive Path Kiosks	4	EA	\$2,600.00	\$10,400.00	\$3,200.00	\$12,800.00	\$4,000.00	\$16,000.00
83	Gathering Space with Seating	1	EA	\$21,000.00	\$21,000.00	\$50,000.00	\$50,000.00	\$20,000.00	\$20,000.00
Subtotal:					\$343,990.00		\$494,700.00		\$826,300.00
Golf Course Access Path									
84	6" Plastic Drain Pipe	240	LF	\$70.00	\$16,800.00	\$30.00	\$7,200.00	\$40.00	\$9,600.00
85	Golf Course Demolition	1	LS	\$50,000.00	\$50,000.00	\$10,000.00	\$10,000.00	\$35,000.00	\$35,000.00
86	Precast Drop Inlet	3	EA	\$2,300.00	\$6,900.00	\$1,500.00	\$4,500.00	\$4,000.00	\$12,000.00
87	2" Plastic Irrigation Pipe	260	LF	\$60.00	\$15,600.00	\$11.00	\$2,860.00	\$15.00	\$3,900.00
88	Tree Removal	5	EA	\$5,100.00	\$25,500.00	\$3,100.00	\$15,500.00	\$2,200.00	\$11,000.00
89	Chain Link Gate	1	EA	\$2,633.00	\$2,633.00	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00
90	Concrete Path (10' Wide)	400	LF	\$172.00	\$68,800.00	\$310.00	\$124,000.00	\$400.00	\$160,000.00
91	26" Tubular Steel Gate	1	EA	\$15,100.00	\$15,100.00	\$16,000.00	\$16,000.00	\$22,000.00	\$22,000.00
92	Engineered Fill	150	CY	\$210.00	\$31,500.00	\$240.00	\$36,000.00	\$55.00	\$8,250.00
93	Concrete Stairs with Railing	15	LF	\$2,000.00	\$30,000.00	\$1,200.00	\$18,000.00	\$5,500.00	\$82,500.00
94	Grass Pavers	3,013	SF	\$10.00	\$30,130.00	\$25.00	\$75,325.00	\$30.00	\$90,390.00
Subtotal:					\$292,963.00		\$312,385.00		\$439,140.00
Subtotal Schedule 1:					\$48,117,388.00		\$56,957,164.00		\$59,020,219.00
SCHEDULE 2									
Cellular Sheet Pile Wall Closure									
34b	Furnish Sheet Piling Cell Structure (AS 500) STA 0+56 - 2+26, 4+90 - 8+11 (add to increase sheet length from 75' to 85' from tip elevation -60' to tip elevation -70')	1,075	EA	\$810.00	\$870,750.00	\$390.00	\$419,250.00	\$500.00	\$537,500.00
36b	Furnish Wye Pile STA 0+56 - 2+26, 4+90 - 8+11 (add to increase sheet length from 75' to 85' from tip elevation -60' to tip elevation -70')	46	EA	\$2,008.00	\$92,368.00	\$3,200.00	\$147,200.00	\$2,000.00	\$92,000.00
38b	Handle/ Drive Sheet Piling Cell Structure Elements STA 0+56 - 2+26, 4+90 - 8+11 (add to increase sheet length from 75' to 85' from tip elevation -60' to tip elevation -70')	1,075	EA	\$97.00	\$104,275.00	\$100.00	\$107,500.00	\$380.00	\$408,500.00
40b	Furnish PZ40 Sheet Pile (add to increase sheet length from 75' to 85' from tip elevation -60' to tip elevation -70')	205	EA	\$279.00	\$57,195.00	\$450.00	\$92,250.00	\$600.00	\$123,000.00
41b	Handle, Drive and Cut-off PZ40 Sheet Pile (add to increase sheet length from 75' to 85' from tip elevation -60' to tip elevation -70')	205	EA	\$1,200.00	\$246,000.00	\$100.00	\$20,500.00	\$290.00	\$59,450.00
Subtotal:					\$1,370,588.00		\$786,700.00		\$1,220,450.00
Subtotal Schedule 2:					\$1,370,588.00		\$786,700.00		\$1,220,450.00
Total Bid (Schedule 1 + Schedule 2):					\$49,487,976.00		\$57,743,864.00		\$60,240,669.00