

BID DATE: August 17, 2016				REFURBISHMENT OF RADIAL GATES 1, 2, 3, 4, AND 5				STATE OF CALIFORNIA							
TIME: 2:00 PM				CLIFTON COURT FOREBAY DAM				CALIFORNIA NATURAL RESOURCES AGENCY							
PLACE: Resource Building				State Water Facilities				DEPARTMENT OF WATER RESOURCES							
SPEC.#: 16-06				California Aqueduct											
CONTR.#: C51525				Delta Field Division											
				Contra Costa County											
No. Addendums: 2				ENGINEER'S ESTIMATE				NMI Industrial Holdings, Inc 8503 Weyand Avenue Sacramento, CA 95828		Syblon Reid 1130 Sibley Street Folsom, CA 95630		Monterey Mechanical Company 8275 San Leandro Street Oakland, CA 94621-1901		Western Water Constructors Inc 707 Aviation Blvd Santa Rosa, CA 95403	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
1	Temporary Traffic Control	1	JOB	\$28,830.00	\$28,830.00	\$12,000.00	\$12,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00		
2	Temporary Fencing	1	JOB	\$50,500.00	\$50,500.00	\$21,000.00	\$21,000.00	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00	\$17,000.00	\$17,000.00		
3	Mobilization and Demobilization	1	JOB	\$470,800.00	\$470,800.00	\$349,000.00	\$349,000.00	\$175,000.00	\$175,000.00	\$30,000.00	\$30,000.00	\$260,000.00	\$260,000.00		
4	Pier and Abutment Demolition	6	EA	\$12,380.00	\$74,280.00	\$10,500.00	\$63,000.00	\$4,000.00	\$24,000.00	\$5,000.00	\$30,000.00	\$11,000.00	\$66,000.00		
5	High Flow Non-Aggregate Non-Shrink Grout	30	CF	\$2,340.00	\$70,200.00	\$1,466.00	\$43,980.00	\$610.00	\$18,300.00	\$350.00	\$10,500.00	\$1,100.00	\$33,000.00		
6	Non-Shrink Grout	15	CF	\$3,360.00	\$50,400.00	\$3,267.00	\$49,005.00	\$1,200.00	\$18,000.00	\$750.00	\$11,250.00	\$2,800.00	\$42,000.00		
7	Reinforcing Steel	100	LB	\$17.50	\$1,750.00	\$60.00	\$6,000.00	\$180.00	\$18,000.00	\$10.00	\$1,000.00	\$100.00	\$10,000.00		
8	Survey Existing Anchors	12	EA	\$1,840.00	\$22,080.00	\$1,750.00	\$21,000.00	\$5,200.00	\$62,400.00	\$1,100.00	\$13,200.00	\$3,000.00	\$36,000.00		
9	Detension Anchors	12	EA	\$1,900.00	\$22,800.00	\$1,833.00	\$21,996.00	\$1,400.00	\$16,800.00	\$1,100.00	\$13,200.00	\$2,000.00	\$24,000.00		
10	Post-Tensioned Anchor Hole Coring	600	LF	\$223.00	\$133,800.00	\$460.00	\$276,000.00	\$290.00	\$174,000.00	\$160.00	\$96,000.00	\$550.00	\$330,000.00		
11	Post-Tensioned Anchors	600	LF	\$126.00	\$75,600.00	\$52.00	\$31,200.00	\$170.00	\$102,000.00	\$80.00	\$48,000.00	\$130.00	\$78,000.00		
12	Anchor Tendon Covers	10	EA	\$1,790.00	\$17,900.00	\$1,500.00	\$15,000.00	\$1,300.00	\$13,000.00	\$800.00	\$8,000.00	\$4,000.00	\$40,000.00		
13	Trunnion Beam Stiffeners	24	EA	\$385.00	\$9,240.00	\$708.00	\$16,992.00	\$1,200.00	\$28,800.00	\$700.00	\$16,800.00	\$1,000.00	\$24,000.00		
14	Bearing Plates	12	EA	\$7,800.00	\$93,600.00	\$4,500.00	\$54,000.00	\$4,200.00	\$50,400.00	\$9,000.00	\$108,000.00	\$9,000.00	\$108,000.00		
15	Carbon Steel Bolts	1	JOB	\$179,700.00	\$179,700.00	\$21,000.00	\$21,000.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$25,000.00	\$25,000.00		
16	Stainless Steel Bolts	1	JOB	\$113,050.00	\$113,050.00	\$24,000.00	\$24,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$35,000.00	\$35,000.00		
17	Bronze Gate Guide Shoes	40	EA	\$205.00	\$8,200.00	\$31,000.00	\$1,240,000.00	\$250.00	\$10,000.00	\$400.00	\$16,000.00	\$500.00	\$20,000.00		
18	Hoist Cable Connections	8	EA	\$1,210.00	\$9,680.00	\$2,750.00	\$22,000.00	\$9,600.00	\$76,800.00	\$2,500.00	\$20,000.00	\$2,500.00	\$20,000.00		
19	Encoder Enclosures	5	EA	\$5,250.00	\$26,250.00	\$4,200.00	\$21,000.00	\$2,100.00	\$10,500.00	\$7,500.00	\$37,500.00	\$6,800.00	\$34,000.00		
20	Coating	14,000	SF	\$59.00	\$826,000.00	\$67.21	\$940,940.00	\$45.00	\$630,000.00	\$40.00	\$560,000.00	\$52.00	\$728,000.00		
21	Install and Remove Stoplogs	1	JOB	\$88,000.00	\$88,000.00	\$42,000.00	\$42,000.00	\$41,000.00	\$41,000.00	\$162,000.00	\$162,000.00	\$18,000.00	\$18,000.00		
22	Scaffolding	1	JOB	\$329,300.00	\$329,300.00	\$221,000.00	\$221,000.00	\$175,000.00	\$175,000.00	\$106,000.00	\$106,000.00	\$225,000.00	\$225,000.00		
23	Remove Radial Gates	5	EA	\$151,700.00	\$758,500.00	\$45,800.00	\$229,000.00	\$127,000.00	\$635,000.00	\$182,000.00	\$910,000.00	\$95,000.00	\$475,000.00		
24	Refurbish Radial Gate 1 - Skin Plate	2,000	LB	\$20.00	\$40,000.00	\$38.00	\$76,000.00	\$30.00	\$60,000.00	\$27.00	\$54,000.00	\$28.00	\$56,000.00		
25	Refurbish Radial Gate 1 - Frame Members	4,000	LB	\$18.75	\$75,000.00	\$20.75	\$83,000.00	\$30.00	\$120,000.00	\$27.00	\$108,000.00	\$28.00	\$112,000.00		
26	Refurbish Radial Gate 2 - Skin Plate	1,000	LB	\$24.50	\$24,500.00	\$70.00	\$70,000.00	\$30.00	\$30,000.00	\$27.00	\$27,000.00	\$28.00	\$28,000.00		
27	Refurbish Radial Gate 2 - Frame Members	2,000	LB	\$21.50	\$43,000.00	\$35.50	\$71,000.00	\$30.00	\$60,000.00	\$27.00	\$54,000.00	\$28.00	\$56,000.00		
28	Refurbish Radial Gate 3 - Skin Plate	2,000	LB	\$20.00	\$40,000.00	\$38.00	\$76,000.00	\$30.00	\$60,000.00	\$27.00	\$54,000.00	\$28.00	\$56,000.00		
29	Refurbish Radial Gate 3 - Frame Members	4,000	LB	\$18.75	\$75,000.00	\$20.75	\$83,000.00	\$30.00	\$120,000.00	\$27.00	\$108,000.00	\$28.00	\$112,000.00		
30	Refurbish Radial Gate 4 - Skin Plate	2,000	LB	\$20.00	\$40,000.00	\$38.00	\$76,000.00	\$30.00	\$60,000.00	\$27.00	\$54,000.00	\$28.00	\$56,000.00		
31	Refurbish Radial Gate 4 - Frame Members	4,000	LB	\$18.75	\$75,000.00	\$22.50	\$90,000.00	\$30.00	\$120,000.00	\$27.00	\$108,000.00	\$28.00	\$112,000.00		
32	Refurbish Radial Gate 5 - Skin Plate	2,000	LB	\$20.00	\$40,000.00	\$38.00	\$76,000.00	\$30.00	\$60,000.00	\$27.00	\$54,000.00	\$28.00	\$56,000.00		
33	Refurbish Radial Gate 5 - Frame Members	4,000	LB	\$18.75	\$75,000.00	\$20.75	\$83,000.00	\$30.00	\$120,000.00	\$27.00	\$108,000.00	\$28.00	\$112,000.00		
34	Weld Material Buildup - Skin Plates	400	HRS	\$196.00	\$78,400.00	\$180.00	\$72,000.00	\$225.00	\$90,000.00	\$135.00	\$54,000.00	\$125.00	\$50,000.00		
35	Rubber Seals	400	LF	\$243.50	\$97,400.00	\$107.50	\$43,000.00	\$180.00	\$72,000.00	\$160.00	\$64,000.00	\$150.00	\$60,000.00		
36	Refurbish Trunnion Pins	10	EA	\$900.00	\$9,000.00	\$2,200.00	\$22,000.00	\$1,300.00	\$13,000.00	\$4,000.00	\$40,000.00	\$3,500.00	\$35,000.00		
37	Install Radial Gates	5	EA	\$173,500.00	\$867,500.00	\$78,000.00	\$390,000.00	\$120,000.00	\$600,000.00	\$174,000.00	\$870,000.00	\$95,000.00	\$475,000.00		
38	HP-36 Magnesium Anodes	210	EA	\$500.00	\$105,000.00	\$171.43	\$36,000.00	\$490.00	\$102,900.00	\$265.00	\$55,650.00	\$500.00	\$105,000.00		
39	Hazardous Waste Recovery and Disposal	1	JOB	\$29,500.00	\$29,500.00	\$29,000.00	\$29,000.00	\$77,000.00	\$77,000.00	\$65,000.00	\$65,000.00	\$180,000.00	\$180,000.00		
40	Install Encoders	5	EA	\$2,200.00	\$11,000.00	\$10,400.00	\$52,000.00	\$3,100.00	\$15,500.00	\$12,000.00	\$60,000.00	\$6,000.00	\$30,000.00		
	Total				\$5,185,760.00		\$3,960,113.30	X	\$4,081,400.00	X	\$4,170,100.00	X	\$4,344,000.00		
Guarantee						TEN PERCENT (10%) OF TOTAL AMOUNT BID		TEN PERCENT (10%) OF TOTAL AMOUNT BID		TEN PERCENT (10%) OF TOTAL AMOUNT BID		TEN PERCENT (10%) OF TOTAL AMOUNT BID			
Surety						FIDELITY AND DEPOSIT COMPANY OF MARYLAND		TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA		LIBERTY MUTUAL INSURANCE COMPANY		FIDELITY AND DEPOSIT COMPANY OF MARYLAND			
Comments						CONTRACT AWARDED ON AUGUST 26, 2016									

BID DATE: August 17, 2016 TIME: 2:00 PM PLACE: Resource Building SPEC.#: 16-06 CONTR.#: C51525				SUMMARY OF BIDS RECEIVED FOR REFURBISHMENT OF RADIAL GATES 1, 2, 3, 4, AND 5 CLIFTON COURT FOREBAY DAM State Water Facilities California Aqueduct Delta Field Division Contra Costa County				STATE OF CALIFORNIA CALIFORNIA NATURAL RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES			
No. Addendums:				ENGINEER'S ESTIMATE		Clark Bros, Inc. 19772 S. Elgin Dos Palos, CA 93620		San Rafael Rock Quarry, Inc. 2350 Kerner Blvd, Suite 200 San Rafael, CA 94901			
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total		
1	Temporary Traffic Control	1	JOB	\$28,830.00	\$28,830.00	\$1,240.00	\$1,240.00	\$1,500.00	\$1,500.00		
2	Temporary Fencing	1	JOB	\$50,500.00	\$50,500.00	\$20,310.00	\$20,310.00	\$7,000.00	\$7,000.00		
3	Mobilization and Demobilization	1	JOB	\$470,800.00	\$470,800.00	\$1,305,008.00	\$1,305,008.00	\$374,000.00	\$374,000.00		
4	Pier and Abutment Demolition	6	EA	\$12,380.00	\$74,280.00	\$6,400.00	\$38,400.00	\$5,800.00	\$34,800.00		
5	High Flow Non-Aggregate Non-Shrink Grout	30	CF	\$2,340.00	\$70,200.00	\$650.00	\$19,500.00	\$510.00	\$15,300.00		
6	Non-Shrink Grout	15	CF	\$3,360.00	\$50,400.00	\$4,570.00	\$68,550.00	\$3,000.00	\$45,000.00		
7	Reinforcing Steel	100	LB	\$17.50	\$1,750.00	\$40.00	\$4,000.00	\$43.00	\$4,300.00		
8	Survey Existing Anchors	12	EA	\$1,840.00	\$22,080.00	\$2,070.00	\$24,840.00	\$2,150.00	\$25,800.00		
9	Detension Anchors	12	EA	\$1,900.00	\$22,800.00	\$1,310.00	\$15,720.00	\$2,050.00	\$24,600.00		
10	Post-Tensioned Anchor Hole Coring	600	LF	\$223.00	\$133,800.00	\$200.00	\$120,000.00	\$670.00	\$402,000.00		
11	Post-Tensioned Anchors	600	LF	\$126.00	\$75,600.00	\$120.00	\$72,000.00	\$160.00	\$96,000.00		
12	Anchor Tendon Covers	10	EA	\$1,790.00	\$17,900.00	\$1,910.00	\$19,100.00	\$2,750.00	\$27,500.00		
13	Trunnion Beam Stiffeners	24	EA	\$385.00	\$9,240.00	\$490.00	\$11,760.00	\$400.00	\$9,600.00		
14	Bearing Plates	12	EA	\$7,800.00	\$93,600.00	\$19,870.00	\$238,440.00	\$8,200.00	\$98,400.00		
15	Carbon Steel Bolts	1	JOB	\$179,700.00	\$179,700.00	\$39,420.00	\$39,420.00	\$21,000.00	\$21,000.00		
16	Stainless Steel Bolts	1	JOB	\$113,050.00	\$113,050.00	\$73,410.00	\$73,410.00	\$24,300.00	\$24,300.00		
17	Bronze Gate Guide Shoes	40	EA	\$205.00	\$8,200.00	\$2,200.00	\$88,000.00	\$400.00	\$16,000.00		
18	Hoist Cable Connections	8	EA	\$1,210.00	\$9,680.00	\$2,710.00	\$21,680.00	\$2,200.00	\$17,600.00		
19	Encoder Enclosures	5	EA	\$5,250.00	\$26,250.00	\$4,720.00	\$23,600.00	\$5,200.00	\$26,000.00		
20	Coating	14000	SF	\$59.00	\$826,000.00	\$65.00	\$1,190,000.00	\$97.87	\$1,370,180.00		
21	Install and Remove Stoplogs	1	JOB	\$88,000.00	\$88,000.00	\$38,790.00	\$38,790.00	\$103,400.00	\$103,400.00		
22	Scaffolding	1	JOB	\$329,300.00	\$329,300.00	\$216,000.00	\$216,000.00	\$268,000.00	\$268,000.00		
23	Remove Radial Gates	5	EA	\$151,700.00	\$758,500.00	\$20,630.00	\$103,150.00	\$83,500.00	\$417,500.00		
24	Refurbish Radial Gate 1 - Skin Plate	2000	LB	\$20.00	\$40,000.00	\$30.00	\$60,000.00	\$32.75	\$65,500.00		
25	Refurbish Radial Gate 1 - Frame Members	4000	LB	\$18.75	\$75,000.00	\$30.00	\$120,000.00	\$32.75	\$131,000.00		
26	Refurbish Radial Gate 2 - Skin Plate	1000	LB	\$24.50	\$24,500.00	\$30.00	\$30,000.00	\$32.75	\$32,750.00		
27	Refurbish Radial Gate 2 - Frame Members	2000	LB	\$21.50	\$43,000.00	\$30.00	\$60,000.00	\$32.75	\$65,500.00		
28	Refurbish Radial Gate 3 - Skin Plate	2000	LB	\$20.00	\$40,000.00	\$30.00	\$60,000.00	\$32.75	\$65,500.00		
29	Refurbish Radial Gate 3 - Frame Members	4000	LB	\$18.75	\$75,000.00	\$30.00	\$120,000.00	\$32.75	\$131,000.00		
30	Refurbish Radial Gate 4 - Skin Plate	2000	LB	\$20.00	\$40,000.00	\$30.00	\$60,000.00	\$32.75	\$65,500.00		
31	Refurbish Radial Gate 4 - Frame Members	4000	LB	\$18.75	\$75,000.00	\$30.00	\$120,000.00	\$32.75	\$131,000.00		
32	Refurbish Radial Gate 5 - Skin Plate	2000	LB	\$20.00	\$40,000.00	\$30.00	\$60,000.00	\$32.75	\$65,500.00		
33	Refurbish Radial Gate 5 - Frame Members	4000	LB	\$18.75	\$75,000.00	\$30.00	\$120,000.00	\$32.75	\$131,000.00		
34	Weld Material Buildup - Skin Plates	400	HRS	\$196.00	\$78,400.00	\$350.00	\$140,000.00	\$112.00	\$44,800.00		
35	Rubber Seals	400	LF	\$243.50	\$97,400.00	\$120.00	\$48,000.00	\$81.00	\$32,400.00		
36	Refurbish Trunnion Pins	10	EA	\$900.00	\$9,000.00	\$3,150.00	\$31,500.00	\$665.00	\$6,650.00		
37	Install Radial Gates	5	EA	\$173,500.00	\$867,500.00	\$20,630.00	\$103,150.00	\$130,300.00	\$651,500.00		
38	HP-36 Magnesium Anodes	210	EA	\$500.00	\$105,000.00	\$360.00	\$75,600.00	\$300.00	\$63,000.00		
39	Hazardous Waste Recovery and Disposal	1	JOB	\$29,500.00	\$29,500.00	\$144,860.00	\$144,860.00	\$188,000.00	\$188,000.00		
40	Install Encoders	5	EA	\$2,200.00	\$11,000.00	\$1,700.00	\$8,500.00	\$3,940.00	\$19,700.00		
Total					\$5,185,760.00		\$5,114,528.00		\$5,320,080.00		
Guarantee						TEN PERCENT (10%) OF TOTAL AMOUNT BID		TEN PERCENT (10%) OF TOTAL AMOUNT BID			
Surety						TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA		LIBERTY MUTUAL INSURANCE COMPANY			
Comments											