



## Santa Barbara County Flood Control & Water Conservation District and Water Agency

### CONTRACT CHANGE ORDER NO. 2 / STATEMENT OF FINAL QUANTITIES

Project: Las Vegas and San Pedro Creeks Capacity Improvement Project  
Floodwall and Conform Grading

To: Souza Construction, Inc.  
P.O. Box 3810  
San Luis Obispo, CA 93403

You are hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on this contract. This change order is not effective until approved by the Deputy Director, Water Resources, of the Santa Barbara County Department of Public Works.

The compensation for this change order includes any and all Contractor costs associated with additional work and days on the site, including but not limited to overhead and home office costs. No additional compensation, beyond that set forth herein, is due Contractor on account of this change order or its effect on Contractor's operations.

#### I. DESCRIPTION OF WORK:

The additional work includes the following, all to be constructed per the project contract plans, specifications, and permits:

1. Perform additional work to expose and remove gas line in San Pedro Creek.
2. Perform additional work to repair unmark golf course irrigation lines.
3. Perform additional work to remove invasive plants in San Pedro Creek.
4. Perform additional work to remove buried concrete waste from floodwall footing excavation.
5. Perform additional work to place Geogrid fabric to bridge unsuitable subgrade in floodwall footing excavation.
6. Perform additional work to remove buried concrete in Las Vegas Creek.
7. Perform additional work for construct additional floodwall footing.
8. Perform additional work to excavate channel slope due to conflict with AT&T fiber optic line.
9. Perform additional work to repair Goleta Water District well station drain line.
10. Perform additional work to install jute netting at Las Vegas Creek.
11. Provide and place additional erosion control seed mix.
12. Perform additional work remove and replace deck at Hayward Lumber in conflict with floodwall excavation.
13. Perform additional work to extend concrete liner in place of FFCL.
14. Provide and place sand in Twin Lakes Golf Course ponds.

15. Credit for Dudek Archaeological Monitors.
16. Contract adjustment for Bid Item quantity changes (see attached breakdown).

II. ADDITIONAL COST:

All work described above shall be paid for as follows in accordance with the corresponding item numbers above:

1. Additional work to expose and remove gas line:	\$9,353.28*
2. Additional work to repair golf course irrigation:	\$381.91*
3. Additional work to remove invasive plants:	\$3,358.00*
4. Additional work to remove buried concrete waste:	\$1,280.64*
5. Additional work to place Geogrid fabric:	\$5,688.67*
6. Additional work to remove concrete in Las Vegas Creek:	\$3,838.48*
7. Additional work for additional floodwall footing:	\$474.92*
8. Additional work to excavate channel slope in conflict with AT&T fiber:	\$1,271.52*
9. Additional work to repair GWD well station drain line:	\$1,096.95*
10. Additional work to install jute netting:	\$890.13*
11. Provide and place erosion control seed mix:	\$163.93*
12. Additional work to remove and replace Hayward Deck:	\$5,699.99*
13. Additional work to extend concrete liner in place of FFCL:	\$1,420.90*
14. Provide and place sand in regraded lake areas at Twin Lakes Golf Course:	\$23,995.00
15. Credit for Dudek Archaeological Monitors:	-\$960.00
16. Contract adjustment for Bid Item quantity changes:	-\$124,993.24

\* Indicates payment by time and materials (Force Account)

Total additional cost: -\$67,038.92

III. ADDITIONAL CONTRACT TIME:

By reason of these proposed changes, the following number of days will be added to the Contract:  
1 day will be added to the Contract.

IV. PROJECT COST/TIME SUMMARY:

Original Contract Price:	\$ 1,791,888.42
Previous Change Orders:	\$ 74,673.10
Contract Change Order No. 2:	-\$ \$67,038.92
Revised Contract Price:	\$ 1,799,522.60
Original Contract Duration:	60 working days
Original Contract Completion Date:	November 25, 2015
Previous Change Orders	22 working days
Contract Change Order No. 2:	5 working days
Revised Contract Completion Date:	January 7, 2016

CC0 2 Recommended: Jonathan S. Frye Date: 4-22-16  
Jonathan S. Frye, P.E.  
Engineering Manager

CC0 2 Approved By: Thomas D. Fayram Date: 4-22-16  
Thomas D. Fayram, P.E.  
Deputy Director, Water Resources,  
Santa Barbara County Department of Public Works

SFQ Prepared By: KM Sullivan PE Date: 4-21-16  
Title

SFQ Submitted By: KM Sullivan PE Date: 4-21-16  
Resident Engineer

SFQ Approval Recommended: Jonathan S. June Date: 4-22-16  
Civil Engineer Manager

SFQ Approval Recommended: [Signature] Date: 5/3/16  
Director of Public Works

SFQ Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
Chair, Board of Directors

We, the undersigned Contractor, have given careful consideration of the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above. This change order is hereby made a part of the contract, and subject to the requirements thereof.

Accepted, Date: 4/27/16

Contractor: Souza Construction, Inc.

By: [Signature] Title: Steve Souza, President

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.

**Statement of Final Quantities Contractor Signature Page**

Project: **Las Vegas and San Pedro Creeks Capacity Improvement Project, Conform Grading and Floodwall**

Contractor: **Souza Construction, Inc.**

Total Payment to Contractor: **\$ 1,799,522.60**

Accepted as full payment:

By:  Contractor 4/29/16 Date

Accepted as full payment with the following exceptions:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

By: \_\_\_\_\_ Contractor \_\_\_\_\_ Date

SANTA BARBARA COUNTY  
FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
CONTRACT QUANTITY CHANGES

Contractor: Souza Construction, Inc.  
Address: P.O. Box 3810  
San Luis Obispo, CA 93403

Project: Las Vegas and San Pedro Creeks Capacity Improvement Project  
Floodwall and Conform Grading

CONTRACT BID ITEMS									
Item No.	Item	Original Contract				Contract Adjustment		Final Completed	
		Quantity	Unit	Price	Amount	Completed	Amount	Completed	Amount
1	Railroad Relations and Insurance	1	LS	\$7,000.00	\$7,000.00			1.00	\$ 7,000.00
2	Construction Survey	1	EA	\$17,000.00	\$17,000.00			1.00	\$ 17,000.00
3	Construction Area Signs	1	LS	\$1,725.00	\$1,725.00			1.00	\$ 1,725.00
4	Traffic Control System	1	LS	\$8,000.00	\$8,000.00			1.00	\$ 8,000.00
5	Job Site Management	1	LS	\$9,700.00	\$9,700.00			1.00	\$ 9,700.00
6	Temporary Clear Water Diversion System	1	LS	\$23,000.00	\$23,000.00			1.00	\$ 23,000.00
7	Rain Event Action Plan	4	EA	\$500.00	\$2,000.00	-3.00	\$ (1,500.00)	1.00	\$ 500.00
8	Storm Water Sampling and Analysis Day	4	EA	\$690.00	\$2,760.00	-4.00	\$ (2,760.00)		\$ -
9	Storm Water Annual Report	1	EA	\$2,000.00	\$2,000.00	-1.00	\$ (2,000.00)		\$ -
10	Temporary Drainage Inlet Protecton	2	EA	\$250.00	\$500.00		\$ -	2.00	\$ 500.00
11	Temporary Fiber Roll	1,190	LF	\$4.00	\$4,760.00	-675.00	\$ (2,700.00)	515.00	\$ 2,060.00
12	Temporary Large Sediment Barrier	1,620	LF	\$8.85	\$14,337.00	-1620.00	\$ (14,337.00)		\$ -
13	Temporary Silt Fence	870	LF	\$2.20	\$1,914.00	-870.00	\$ (1,914.00)		\$ -
14	Temporary Construction Entrance /Exit	4	EA	\$5,000.00	\$20,000.00			4.00	\$ 20,000.00
15	Temporary Concrete Washout	1	LS	\$1,610.00	\$1,610.00			1.00	\$ 1,610.00
16	Temporary Fence (Type ESA)	1,620	LF	\$3.40	\$5,508.00	-765.00	\$ (2,601.00)	855.00	\$ 2,907.00
17	Inject Crack (Epoxy)	622	LF	\$34.50	\$21,459.00	-622.00	\$ (21,459.00)		\$ -
18	Remove Lake Liner and Aeration System (Twin Lakes Golf Course)	1	LS	\$14,000.00	\$14,000.00			1.00	\$ 14,000.00
19	Repair Spalled Surface Area	622	SF	\$13.00	\$8,086.00	-552.88	\$ (7,187.44)	69.12	\$ 898.56
20	Abandon Sewer Main	1	EA	\$7,000.00	\$7,000.00		\$ -	1.00	\$ 7,000.00
21	Remove Fence	330	LF	\$10.00	\$3,300.00	-83.00	\$ (830.00)	247.00	\$ 2,470.00
22	Remove Wood Piles	1	LS	\$3,000.00	\$3,000.00			1.00	\$ 3,000.00
23	Remove Concrete Outlet Structure (Twin Lakes Golf Course)	1	LS	\$946.00	\$946.00			1.00	\$ 946.00
24	Adjust Manhole to Grade	1	EA	\$9,600.00	\$9,600.00			1.00	\$ 9,600.00
25	Trim Drainage Pipe	2	EA	\$530.00	\$1,060.00			2.00	\$ 1,060.00
26	Remove Concrete (Channel)	114	CY	\$200.00	\$22,800.00	28.50	\$ 5,700.00	142.50	\$ 28,500.00
27	Clearing and Grubbing	0.74	AC	\$33,000.00	\$24,420.00	-0.10	\$ (3,300.00)	0.64	\$ 21,120.00
28	RoadwayExcavation	6,320	CY	\$14.50	\$91,640.00	105.30	\$ 1,526.85	6425.30	\$ 93,166.85
29	Structure Excavation (Retaining Wall)	1,536	CY	\$84.00	\$129,024.00	19.00	\$ 1,596.00	1555.00	\$ 130,620.00
30	Structure Backfill (Retaining Wall)	577	CY	\$120.00	\$69,240.00	268.30	\$ 32,196.00	845.30	\$ 101,436.00
31	Lean Concrete Backfill	616	CY	\$144.00	\$88,704.00	-31.54	\$ (4,541.76)	584.46	\$ 84,162.24
32	Embankment Fill (Twin Lakes Golf Course)	2,445	CY	\$8.00	\$19,560.00		\$ -	2445.00	\$ 19,560.00
33	High Performance Turf Reinforcement Mats	700	SY	\$38.00	\$26,600.00	-128.67	\$ (4,889.46)	571.33	\$ 21,710.54
34	Rolled Erosion Control Product (Netting)	9,550	SF	\$0.40	\$3,820.00	-2032.26	\$ (812.90)	7517.74	\$ 3,007.10
35	Hydromulch	14,130	SF	\$0.20	\$2,826.00	-1758.91	\$ (351.78)	12371.09	\$ 2,474.22
36	Hydroseeding	14,130	SF	\$0.30	\$4,239.00	-1758.91	\$ (527.67)	12371.09	\$ 3,711.33
37	Drill & Bond Dowels (#3 bar) Epoxy Coated	159	EA	\$40.00	\$6,360.00	3.00	\$ 120.00	162.00	\$ 6,480.00
38	Structural Concrete, Retaining Wall	480	CY	\$560.00	\$268,800.00	2.70	\$ 1,512.00	482.70	\$ 270,312.00
39	Minor Concrete (Minor Structure - Concrete Cutoff Wall)	2	CY	\$1,900.00	\$3,800.00			2.00	\$ 3,800.00
40	Minor Concrete (Minor Structure, Concrete Swale)	845	LF	\$51.00	\$43,095.00	624.00	\$ 31,824.00	1469.00	\$ 74,919.00
41	Bar Reinforcing Steel (Retaining Wall)	50,000	LB	\$2.34	\$117,000.00		\$ -	50000.00	\$ 117,000.00
42	3-in Dia SDR 35 PVC Pipe (Twin Lakes Golf Course)	38	LF	\$76.00	\$2,888.00	2.00	\$ 152.00	40.00	\$ 3,040.00
43	12-in Dia SDR 35 PVC Pipe (Twin Lakes Golf Course)	306	LF	\$58.00	\$17,748.00	-14.50	\$ (841.00)	291.50	\$ 16,907.00
44	15-in Dia Drain Basin (Twin Lakes Golf Course)	1	EA	\$6,400.00	\$6,400.00			1.00	\$ 6,400.00
45	Outlet Structure and Flap Gate	3	EA	\$12,000.00	\$36,000.00			3.00	\$ 36,000.00
46	Fabric Formed Concrete Revetment Mat + RSP Fabric	300	SF	\$40.00	\$12,000.00	-300.00	\$ (12,000.00)		\$ -
47	Rock Slope Protection (1/4 Ton, Method B)	1,460	CY	\$146.00	\$213,160.00	-266.50	\$ (38,909.00)	1193.50	\$ 174,251.00
48	24" - 36" Rock Weir	600	CY	\$86.00	\$51,600.00	-487.10	\$ (41,890.60)	112.90	\$ 9,709.40
49	Clay Barrier	20	CY	\$280.00	\$5,600.00	-1.50	\$ (420.00)	18.50	\$ 5,180.00
50	Rock Slope Protection (Light, Method B)	674	CY	\$128.00	\$86,272.00	-74.60	\$ (9,548.80)	599.40	\$ 76,723.20

51	Rock Slope Protection (Backing No. 1, Method B)	50	CY	\$249.00	\$12,450.00			50.00	\$ 12,450.00
52	Cast-in-place Concrete (Slope protection)	72	CY	\$471.00	\$33,912.00	33.31	\$ 15,689.01	105.31	\$ 49,601.01
53	Rock Slope Protection Fabric (Class 10)	4,240	SY	\$3.35	\$14,204.00	-1530.80	\$ (5,128.18)	2709.20	\$ 9,075.82
54	Miscellaneous Metal (Anchor Assemblies & Anchor Pins)	733	LB	\$51.00	\$37,383.00	-334.00	\$ (17,034.00)	399.00	\$ 20,349.00
55	Remove Existing Fire Hydrant, Lateral, Assembly and Valves	1	LS	\$1,418.35	\$1,418.35			1.00	\$ 1,418.35
56	Cut, Cap and Abandon Existing 8" Cast Iron Water Main	1	LS	\$2,100.00	\$2,100.00			1.00	\$ 2,100.00
57	Water Main Lowering	1	LS	\$32,000.00	\$32,000.00			1.00	\$ 32,000.00
58	Tie-in To Existing Water Mains	1	LS	\$5,000.00	\$5,000.00			1.00	\$ 5,000.00
59	6" Mechanical Joint Gate Valve	1	EA	\$2,900.00	\$2,900.00			1.00	\$ 2,900.00
60	Fire Hydrant Assembly, Gate Valve and Lateral	1	LS	\$17,800.00	\$17,800.00			1.00	\$ 17,800.00
61	1" Mechanical Joint Combination Air Valve	1	EA	\$7,300.00	\$7,300.00			1.00	\$ 7,300.00
62	Temporary Water Service	1	LS	\$12,000.00	\$12,000.00			1.00	\$ 12,000.00
63	Post Rail Fence	98	LF	\$42.00	\$4,116.00	54.00	\$ 2,268.00	152.00	\$ 6,384.00
64	Chain Link Fence (Type CL-6)	138	LF	\$35.00	\$4,830.00	-5.00	\$ (175.00)	133.00	\$ 4,655.00
65	Biaxial Geogrid	13	SY	\$115.00	\$1,495.00	-1.90	\$ (218.50)	11.10	\$ 1,276.50
66	Mobilization	1	LS	\$39,419.07	\$39,419.07			1.00	\$ 39,419.07
<b>CONTRACTOR'S BID ITEMS SUBTOTAL</b>					<b>\$1,772,188.42</b>		<b>\$ (105,293.24)</b>		<b>\$1,666,895.18</b>
67	Supplemental Work (Additional Water Pollution Control)	1	LS	\$3,000.00	\$3,000.00	-1.00	\$ (3,000.00)		\$ -
68	Supplemental Work (Additional Storm Water Sampling and Analysis)	1	LS	\$2,700.00	\$2,700.00	-1.00	\$ (2,700.00)		\$ -
69	Supplemental Work (Relocate Irrigation Facilities)	1	LS	\$3,500.00	\$3,500.00	-1.00	\$ (3,500.00)		\$ -
70	Supplemental Work (Treated Wood Waste Disposal)	1	LS	\$10,500.00	\$10,500.00	-1.00	\$ (10,500.00)		\$ -
<b>SUPPLEMENTAL BID ITEMS SUBTOTAL</b>					<b>\$19,700.00</b>		<b>\$ (19,700.00)</b>		<b>\$ -</b>
<b>TOTAL BID ITEMS AND SUPPLEMENTAL BID ITEMS</b>					<b>\$1,791,888.42</b>		<b>\$ (124,993.24)</b>		<b>\$1,666,895.18</b>
<b>CONTRACT CHANGE ORDER ITEMS</b>									
CCO1.1	Additional Remove Concrete (Channel)	150.8	CY	\$165.00	\$24,882.00		\$ -	150.80	\$ 24,882.00
CCO1.2	Relocate Bypass Pump System	1	LS	\$1,168.28	\$1,168.28		\$ -	1.00	\$ 1,168.28
CCO1.3	Additional Work to Lower Water Main	1	LS	\$27,915.16	\$27,915.16		\$ -	1.00	\$ 27,915.16
CCO1.4	Geogrid Fabric and Structural Backfill Placement	1	LS	\$21,014.86	\$21,014.86		\$ -	1.00	\$ 21,014.86
CCO1.5	Reimbursement for Overtime Inspection	1	LS	-\$307.20	-\$307.20		\$ -	1.00	\$ (307.20)
CCO2.1	Additional Work to Expose and Remove Gas Line	1	LS	\$9,353.28	\$9,353.28		\$ -	1.00	\$ 9,353.28
CCO2.2	Additional Work to Repair Golf Course Irrigation	1	LS	\$381.91	\$381.91		\$ -	1.00	\$ 381.91
CCO2.3	Additional Work to Remove Invasive Plants	1	LS	\$3,358.00	\$3,358.00		\$ -	1.00	\$ 3,358.00
CCO2.4	Additional Work to Remove Concrete Waste	1	LS	\$1,280.64	\$1,280.64		\$ -	1.00	\$ 1,280.64
CCO2.5	Additional Work to Place Geogrid Fabric	1	LS	\$5,688.67	\$5,688.67		\$ -	1.00	\$ 5,688.67
CCO2.6	Additional Work to Remove Concrete in LV Creek	1	LS	\$3,838.48	\$3,838.48		\$ -	1.00	\$ 3,838.48
CCO2.7	Additional Floodwall Footing Work	1	LS	\$474.92	\$474.92		\$ -	1.00	\$ 474.92
CCO2.8	Additional Channel Excavation at AT&T Fiber Line	1	LS	\$1,271.52	\$1,271.52		\$ -	1.00	\$ 1,271.52
CCO2.9	Additional Work to Repair GWD Drain Line	1	LS	\$1,096.95	\$1,096.95		\$ -	1.00	\$ 1,096.95
CCO2.10	Additional Jute Netting Installation	1	LS	\$890.13	\$890.13		\$ -	1.00	\$ 890.13
CCO2.11	Additional Erosion Control Seed Mix	1	LS	\$163.93	\$163.93		\$ -	1.00	\$ 163.93
CCO2.12	Remove and Replace Hayward Deck	1	LS	\$5,699.99	\$5,699.99		\$ -	1.00	\$ 5,699.99
CCO2.13	Additional Work to Extend Concrete Liner	1	LS	\$1,420.90	\$1,420.90		\$ -	1.00	\$ 1,420.90
CCO2.14	Provide and Place Sand at Twin Lakes	1	LS	\$23,995.00	\$23,995.00		\$ -	1.00	\$ 23,995.00
CCO2.15	Credit for Dudek Archaeological Monitors	1	LS	\$ (960.00)	\$ (960.00)		\$ -	1.00	\$ (960.00)
<b>CONTRACT CHANGE ORDER ITEMS SUBTOTAL</b>					<b>\$132,627.42</b>		<b>\$ -</b>		<b>\$ 132,627.42</b>
<b>TOTAL BID ITEMS, SUPPLEMENTAL BID ITEMS, &amp; CONTRACT CHANGE ORDERS</b>					<b>\$1,924,515.84</b>		<b>\$ (124,993.24)</b>		<b>\$1,799,522.60</b>