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Statement of Final Quantities
Contract Items, Extra Work and Deductions

SBCFC&WCD Project: **SC8370**

Santa Monica Debris Basin Operational Improvements Project

Contractor: **Lash Construction, Inc.**

Original Contract Price:	\$5,196,965.00
Extra Work-CCO:	\$630,595.05
Final Quantity Variance Adjustment:	<u>(\$26,044.00)</u>
Deductions:	<u>(\$14,719.15)</u>
Subtotal:	<u>\$5,786,796.90</u>

Total Payment to Contractor: \$5,786,796.90

☐ Accepted as full payment:

By: James Lash 11/13/2024 | 4:08 PM PST
DocuSigned by: James Lash 83415E275254B4F8
 Lash Construction, Inc. Date

☐ Accepted as full payment with the following exceptions:

By: _____
 Lash Construction, Inc. Date

Prepared/Submitted By: Matt Griffin 11/13/2024 | 4:23 PM PST
DocuSigned by: Matt Griffin 2C320209704630
 Civil Engineer Date

Approval Recommended: Matt Griffin 11/13/2024 | 4:35 PM PST
DocuSigned by: Matt Griffin 1F16C0467052168
 Engineering Manager Date

Approved: Walker Rubalcava 11/13/2024 | 4:36 PM PST
DocuSigned by: Walker Rubalcava 27455131327788
 Deputy Director Date

Approved: Chris Sneddon 11/15/2024 | 4:20 PM PST
DocuSigned by: Chris Sneddon 070FC4F666B340C
 Director of Public Works Date

Approved: [Signature] 12-10-24
 Chair, Board of Directors Date

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FINAL QUANTITY VARIANCE AND DEDUCTIONS

Original Contract Amount: \$5,196,965.00

Board Contract: BC22-069

Bid Schedule with Total Variance and Amount Earned

No.	Description	Bid Quantity	Unit	Actual Quantity	Unit Price	Total Variance	Total Amount Earned
1	Construction Survey	1	LS	1	\$82,000.00	\$ -	\$82,000.00
2	Progress Schedule (Critical Path Method)	1	LS	1	\$3,000.00	\$ -	\$3,000.00
3	Job Site Management	1	LS	1	\$32,000.00	\$ -	\$32,000.00
4	Prepare Storm Water Pollution Prevention Plan	1	LS	1	\$2,000.00	\$ -	\$2,000.00
5	Rain Event Action Plan	8	EA	10	\$500.00	\$ 1,000.00	\$5,000.00
6	Storm Water Sampling and Analysis Day	10	EA	4	\$1,000.00	\$ (6,000.00)	\$4,000.00
7	Storm Water Annual Report	1	EA	1	\$2,000.00	\$ -	\$2,000.00
8	Temporary Creek Diversion	1	LS	1	\$25,000.00	\$ -	\$25,000.00
9	Remove Concrete (Miscellaneous)	1	LS	1	\$50,000.00	\$ -	\$50,000.00
10	Clearing and Grubbing	1	LS	1	\$50,000.00	\$ -	\$50,000.00
11	Roadway Excavation (F)	3800	CY	3800	\$29.00	\$ -	\$110,200.00
12	Structure Excavation (Inlet Towers) (F)	357	CY	357	\$70.00	\$ -	\$24,990.00
13	Structure Excavation (Spillway Bridge) (F)	556	CY	556	\$13.00	\$ -	\$7,228.00
14	Structure Excavation (Channel Bridge) (F)	35	CY	35	\$70.00	\$ -	\$2,450.00
15	Structure Excavation (Rock Slope Protection) (F)	90	CY	90	\$60.00	\$ -	\$5,400.00
16	Structure Backfill (Inlet Towers) (F)	303	CY	303	\$190.00	\$ -	\$57,570.00
17	Structure Backfill (Bypass) (F)	32	CY	32	\$190.00	\$ -	\$6,080.00
18	Structure Backfill (Spillway Bridge) (F)	214	CY	214	\$190.00	\$ -	\$40,660.00
19	Structure Backfill (Channel Bridge) (F)	42	CY	42	\$350.00	\$ -	\$14,700.00
20	Structure Backfill (Slurry Cement) (F)	150	CY	150	\$300.00	\$ -	\$45,000.00
21	Imported Borrow	600	CY	600	\$20.00	\$ -	\$12,000.00
22	Bonded Fiber Matrix	1720	SF	1720	\$1.50	\$ -	\$2,580.00
23	Rolled Erosion Control Product (Blanket)	1720	SF	1720	\$2.00	\$ -	\$3,440.00
24	Class II Aggregate Base	570	CY	570	\$78.00	\$ -	\$44,460.00
25	Remove Asphalt Concrete Pavement	8000	SF	8000	\$1.00	\$ -	\$8,000.00
26	Hot Mix Asphalt (Type A)	340	Ton	377	\$168.00	\$ 6,216.00	\$63,336.00
27	Hot Mix Asphalt-Open Graded (Open Gap Friction Course)	1000	Ton	1058	\$205.00	\$ 11,890.00	\$216,890.00
28	Continuously Reinforced Concrete Pavement (F)	480	CY	480	\$615.00	\$ -	\$295,200.00
29	Tie Back Assembly A	10	EA	10	\$7,000.00	\$ -	\$70,000.00
30	Tie Back Assembly B	2	EA	2	\$7,000.00	\$ -	\$14,000.00
31	Tie Back Assembly C	1	EA	1	\$7,000.00	\$ -	\$7,000.00
32	Geosynthetic Reinforced Soil (Tower Access Pads) (F)	7200	SF	7200	\$31.00	\$ -	\$223,200.00
33	Temporary Shoring	1	LS	1	\$1.00	\$ -	\$1.00
34	Temporary Crossing (Lower Channel)	1	LS	1	\$15,000.00	\$ -	\$15,000.00
35	Furnish Steel Sheet Piling	12400	SF	12400	\$21.00	\$ -	\$260,400.00
36	Drive Steel Sheet Piling (F)	12400	SF	12400	\$28.00	\$ -	\$347,200.00
37	16" Cast-in-Drilled Hole Concrete Piling	240	LF	240	\$30.00	\$ -	\$7,200.00
38	Prestressing Cast-In-Place Concrete	1	LS	1	\$68,300.00	\$ -	\$68,300.00
39	Structural Concrete, Bridge (Spillway Bridge) (F)	54	CY	54	\$1,800.00	\$ -	\$97,200.00
40	Structural Concrete, Bridge (Channel Bridge) (F)	90	CY	90	\$1,700.00	\$ -	\$153,000.00
41	Structural Concrete, Bridge Footing (Spillway Bridge) (F)	29	CY	29	\$800.00	\$ -	\$23,200.00
42	Structural Concrete, Bridge (Polymer Fiber) (Spillway Bridge) (F)	115	CY	115	\$2,300.00	\$ -	\$264,500.00
43	Structural Concrete, Maintenance Access Structure (F)	22	CY	22	\$3,500.00	\$ -	\$77,000.00
44	Structural Concrete, By-Pass Structure (F)	14	CY	14	\$2,800.00	\$ -	\$39,200.00
45	Structural Concrete, Tower Inlet A (F)	21	CY	21	\$4,400.00	\$ -	\$92,400.00
46	Structural Concrete, Tower Inlet B (F)	21	CY	21	\$3,800.00	\$ -	\$79,800.00
47	Structural Concrete, Tower Inlet C (F)	7	CY	7	\$2,500.00	\$ -	\$17,500.00
48	Structural Concrete, Tower Inlet D (F)	54	CY	54	\$2,500.00	\$ -	\$135,000.00
49	Structural Concrete, Tower Pad Dead Man	10	EA	10	\$1,125.00	\$ -	\$11,250.00
50	Joint Seal (MR 1/2")	60	LF	66	\$115.00	\$ 690.00	\$7,590.00
51	Bar Reinforcing Steel (Spillway Bridge) (F)	49000	LB	49000	\$2.50	\$ -	\$122,500.00
52	Bar Reinforcing Steel (Channel Bridge) (F)	15900	LB	15900	\$2.80	\$ -	\$44,520.00
53	Tower Steel Armoring, Struts and Trash Rack System (F)	47000	LB	47000	\$6.00	\$ -	\$282,000.00
54	Bridge Removal	1	LS	1	\$60,000.00	\$ -	\$60,000.00
55	15" Plastic Pipe	430	LF	430	\$580.00	\$ -	\$249,400.00
56	36" Reinforced Concrete Pipe (Class V, Rubber Gasket Joint)	20	LF	20	\$570.00	\$ -	\$11,400.00
57	Connect (N) pipe to existing structure (Tower C) (Std. SPPWC 333-2)	1	EA	1	\$3,000.00	\$ -	\$3,000.00
58	Connect (N) pipe to existing siphon pipe (Std. SPPWC 380-4)	1	EA	1	\$6,000.00	\$ -	\$6,000.00

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59	Concrete Manhole (COSB Std. 3-080)	1	EA	1	\$20,000.00	\$ -	\$20,000.00
60	Remove Drainage Facilities	1	LS	1	\$1,000.00	\$ -	\$1,000.00
61	Abandon 24" Culvert	1	EA	1	\$600.00	\$ -	\$600.00
62	Abandon Drainage Inlet	1	EA	1	\$600.00	\$ -	\$600.00
63	Remove and Rest Rock Slope Protection (Various Locations) (F)	1	LS	1	\$15,000.00	\$ -	\$15,000.00
64	Rock Slope Protection Backing No 2 (F)	150	CY	150	\$200.00	\$ -	\$30,000.00
65	Rock Slope Protection (1/2T, Method A) (F)	270	CY	270	\$200.00	\$ -	\$54,000.00
66	Rock Slope Protection (1/4 T, Method B) (F)	370	CY	370	\$200.00	\$ -	\$74,000.00
67	Concreted-Rock Slope Protection (1/4 T, Method B) (F)	20	CY	20	\$350.00	\$ -	\$7,000.00
68	Rock Slope Protection Fabric (Class 8)	330	SY	330	\$4.00	\$ -	\$1,320.00
69	Minor Concrete - Curb w/18" Gutter (COSB Std 4-030, Type A)	360	LF	422	\$26.00	\$ 1,612.00	\$10,972.00
70	Minor Concrete (V-Ditch)	60	LF	129	\$72.00	\$ 4,968.00	\$9,288.00
71	Remove Concrete (V-Ditch)	110	LF	141	\$12.00	\$ 372.00	\$1,692.00
72	Manhole Frame and Cover (Std. SPPWC 210-3)	3	EA	3	\$1,000.00	\$ -	\$3,000.00
73	Manhole Frame and Cover (Std. SPPWC 630-4)	4	EA	4	\$1,000.00	\$ -	\$4,000.00
74	Steel Sheetpile Coping	220	LF	200	\$245.00	\$ (4,900.00)	\$49,000.00
75	Miscellaneous Metal (Bridge)	220	LB	220	\$6.00	\$ -	\$1,320.00
76	Tower Trash Racks	36	EA	36	\$8,800.00	\$ -	\$316,800.00
77	Steel Orifice Plates	2	EA	2	\$12,000.00	\$ -	\$24,000.00
78	Remove Chain-link Fence	200	LF	200	\$12.00	\$ -	\$2,400.00
79	Chain Link Fence (Type CL-4)	120	LF	150	\$52.00	\$ 1,560.00	\$7,800.00
80	Wood Fence (Polecraft, 2-Rail)	96	LF	0	\$65.00	\$ (6,240.00)	\$0.00
81	Guard Railing Delineators	20	EA	10	\$22.00	\$ (220.00)	\$220.00
82	Midwest Guardrail System (Steel Post)	190	LF	150	\$69.00	\$ (2,760.00)	\$10,350.00
83	Concrete Barrier (Type K)	80	LF	80	\$100.00	\$ -	\$8,000.00
84	Cable Railing	130	LF	130	\$73.00	\$ -	\$9,490.00
85	Alternative In-Line Terminal System	1	EA	1	\$5,100.00	\$ -	\$5,100.00
86	Alternative Flared Terminal System	2	EA	2	\$5,900.00	\$ -	\$11,800.00
87	Concrete Barrier (Type 732) (Spillway Bridge)	191	LF	219	\$206.00	\$ 5,768.00	\$45,114.00
88	Concrete Barrier (Type 732) (Channel Bridge)	130	LF	130	\$171.00	\$ -	\$22,230.00
89	Remove Guardrail	280	LF	280	\$21.00	\$ -	\$5,880.00
90	Mobilization	1	LS	1	\$415,000.00	\$ -	\$415,000.00
91	Supplemental Work (Additional Water Pollution Control)	1	LS	0	\$10,000.00	\$ (10,000.00)	\$0.00
92	Supplemental Work (Rock Excavation)	1	LS	0	\$5,000.00	\$ (5,000.00)	\$0.00
93	Supplemental Work (Unsuitable Subgrade Stabilization)	1	LS	0	\$25,000.00	\$ (25,000.00)	\$0.00
Variance					-\$26,044.00		
Total Amount Earned by Contractor							\$5,170,921.00

(F) denotes Final Pay Item

Extra Work-CCO

No.	Description	Bid Quantity	Unit	Actual Quantity	Unit Price	Total Variance	Total Amount Earned
CCO 1	2023 Storm Cleanout and Repairs	N/A	LS	N/A	\$143,922.86	-	\$143,922.86
CCO 2	Design Changes During Construction	N/A	LS	N/A	\$228,429.51	-	\$228,429.51
CCO 3	Design Additions During Construction	N/A	LS	N/A	\$121,222.89	-	\$121,222.89
CCO 4	Debris Basin Maintenance and Design Additions During Construction	N/A	LS	N/A	\$45,019.79	-	\$45,019.79
CCO 5	Claim Settlement	N/A	LS	N/A	\$92,000.00	-	\$92,000.00
Variance						\$0.00	

Total Amount Approved by CCO \$630,595.05

Total CCO Amount Earned by Contractor \$630,595.05

Total Variance -\$26,044.00

Deductions: Construction Management & Inspection Costs for Extra Work beyond allotted Working Days.

No.	Description	Bid Quantity	Unit	Actual Quantity	Unit Price	Total Amount
1	Construction Management, Inspection, and Materials Testing	N/A	EA	1	\$ (14,719.15)	\$ (14,719.15)
Total Deductions						(\$14,719.15)

Total Payment to Contractor \$5,786,796.90

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Original Contract Duration	260 Working Days
Original Contract Completion Date	December 20, 2023
Contract Change Orders	110 Additional Working Days
Weather Days	14 Weather Days
Required Completion Date	June 19, 2024
Actual Completion Date	June 28, 2024*

*Liquidated damages were not assessed however Construction Management, Inspection, and Materials Testing for days worked beyond allotted Working Days have been deducted from the contract price.