

**County of Orange, OC Public Works  
Sukut Construction, LLC**

**MA-299-24010124**

**CONTRACT MA-299-24010124  
PRIMA ZONE 4 PHASE A MASS EXCAVATION AND LINER PROJECT**

This Agreement is made and entered into the \_ day of \_ , 20 \_\_, by and between the County of Orange, a political subdivision of the State of California (“County”), and Sukut Construction LLC (“Contractor”).

County and Contractor agree as follows:

**1. CONTRACT DOCUMENTS**

Contract Documents, which together comprise the complete agreement between County and Contractor, consist of the following: the Bid; this Contract; the General Conditions; Supplementary General Conditions; the Non-collusion Declaration; Special Provisions; Addenda and Bulletins; Attachments; Appendices; Plans; Standard Plans; Standard Specifications; all Reference Specifications mentioned in any Contract Documents; and all modifications and amendments to the foregoing issued after the date of execution of the Agreement, including Amendments and Change Orders. The Contract Documents also include the Faithful Performance Bond and the Labor and Material Payment Bond unless such bonds are expressly not required for this Project by the Supplementary General Conditions or Special Provisions. The Contract Documents are complementary, and what is called for by anyone shall be as binding as if called for by all.

**2. SCOPE OF WORK**

Contractor shall perform all work as required by, and in strict accordance with, the Contract Documents (the “Project”), which consists of:

The construction of Prima Zone 4 Phase A Mass Excavation and Liner Project provides approximately 9.53 million cubic yards of refuse airspace. Major components include clear and grub, major earthwork (soil and rock), drainage improvements, and other infrastructure improvements and installations. The Project includes a subdrain system, composite liner system, and leachate collection and recovery system (LCRS) that will be constructed in accordance with California Code of Regulations, Title 27 (27 CCR) requirements. Installation of subdrain system for the maintenance of five-foot of separation between groundwater and waste as required by CCR Title 27. The proposed composite liner system will consist of a combination of a base liner system (bottom of landfill) and a slope liner system, which will function as the groundwater protection system.

**3. CONTRACT PRICE AND TIME**

**3.1. CONTRACT PRICE**

County shall pay Contractor for all work required by the Contract Documents the Contract Price of **EIGHTY-EIGHT MILLION, TWO HUNDRED SIX THOUSAND, FIVE HUNDRED THIRTY-SIX** Dollars (**\$88,206,536**), as it may be adjusted pursuant to the “CHANGES” Section of the General Conditions, and in accordance with the “PAYMENTS” Section of the General Conditions.

**3.2. CONTRACT TIME**

Within 10 calendar days of the Board of Supervisors’ award of the Contract, Contractor shall submit to County for its review: acceptable bonds; proof of insurance; initial job progress schedule; and any additional documentation required prior to execution of this Contract by the Contract Documents, Supplementary General Conditions or Special Provisions. If County rejects the submitted documents, Contractor will have 5 additional calendar days to resubmit. If Contractor fails to submit documents within the required time(s),

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the Contract Time (as defined below) will be reduced by the number of days which exceed the time for submittal. If Contractor fails to submit acceptable documents by the second submission, County may, at its sole discretion, proceed to award the Contract to the next lowest responsive, responsible bidder or reduce the Contract Time by the number of days between County's rejection of the second submission and County's approval of the documents.

Upon County's approval of the bonds, insurance, initial job progress schedule, and any other required submitted documents, County will deliver to Contractor a signed copy of the Agreement and a Notice to Proceed with the work. Contractor shall not commence construction until County issues the Notice to Proceed. Contractor shall complete all work required by the Contract Documents within **750 calendar** days of the effective date of the Notice to Proceed ("Contract Time"). The Contract Time includes **twenty (20) days** of anticipated weather days necessitating stoppage of work, and a time extension due to rain or other adverse weather conditions will only be granted in accordance with the "DELAYS DUE TO WEATHER AND FORCE MAJEURE" Section of the General Conditions.

**4. BONDS**

Within ten (10) calendar days after award of the Contract, the successful Contractor shall furnish a Faithful Performance Bond and a Labor and Material Payment Bond, each in an amount equal to 100% of the Contract Price and issued by a surety in accordance with the requirements of the General Conditions of the Contract. The bonds shall be in the form of the models included in the Invitation for Bid Documents and must be approved by County's Risk Manager and County Counsel. The successfully Contractor shall submit the bonds with original signatures. The signature of the surety representative must be notarized.

**5. LIQUIDATED DAMAGES**

In accordance with Government Code Section 53069.85, Contractor agrees to forfeit and pay to County the sum of **\$43,000** per day ("Liquidated Damages") for each calendar day that completion of all the work required by the Contract Documents is delayed beyond the Contract Time, as may be adjusted by Change Order. County may deduct such sum from any payments due or to become due to Contractor. If the Liquidated Damages exceed the unpaid balance of the Contract Price otherwise owed to Contractor, then Contractor shall immediately pay County the difference.

**6. CONTRACTOR SHALL PERFORM (50 PERCENT) OR MORE OF THE WORK**

Contractor shall be capable of performing, and shall perform with its own organization, work amounting to at least 50% percent of the Base Bid Amount. However, any Bid Item designated as a Specialty Bid Item will be excluded from the Base Bid Amount for purposes of this Section only.

**7. ESCROWED DOCUMENTS****7.1. STORAGE OF BID DOCUMENTS**

Within 3 working days after County opens the Bids, the apparent low Bidder shall submit to County in a sealed container all documents created, reviewed, or maintained by Bidder during the course of preparing its Bid for the Contract ("Escrowed Documents"). All Escrowed Documents shall be stamped "CONFIDENTIAL" and indicate the Project name. County shall maintain the Escrowed Documents in a separate double-locked storage cabinet. County and Bidder each shall have a separate key, requiring both to be present to access the Escrowed Documents.

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The Escrowed Documents shall include, but not be limited to: a detailed breakdown of the Bid with a clear itemization of Bidder's estimated costs of performing the work in sufficient detail to allow County to analyze all costs included within Bidder's estimate for the work; the names of all persons who prepared or reviewed Bidder's estimate prior to submission of the Bid; all documents created, reviewed, or maintained by all subcontractors listed in Bidder's list of subcontractors submitted with its Bid; back-up calculations for each lump sum or unit cost Bid Item listed on the Bid Schedule; suppliers' quotes; quantity takeoffs; rate schedules for the direct costs and the time and non-time-related indirect costs for labor, by craft; plant and equipment ownership or rental and operation costs; cost of permanent and expendable materials; cost of small tools and other miscellaneous consumable items; cost of insurance and subcontracted work; estimated construction schedule, including sequence and duration of work and production rates; quotations from suppliers and subcontractors; estimates of field and home office overhead; contingency and margin for each item listed on the Bid Schedule; and other reports, calculations, and information used by Bidder to arrive at its Bid. The Escrowed Documents shall also include a declaration signed by an individual authorized by Bidder to execute the Bid Form stating that the Escrowed Documents are a true and complete representation of how the Bid was calculated.

**7.3. VERIFICATION OF COMPLETE BID DOCUMENT SUBMISSION**

Within 7 days after submitting its Escrowed Documents, Bidder shall meet separately with County to examine and catalog Bidder's Escrowed Documents to verify that Bidder has complied with the requirements of this Section. The verification will not include review, nor constitute approval, of proposed construction methods, estimating assumptions, or interpretations of the Contract Documents. If County determines that Bidder's Escrowed Documents are incomplete, illegible, or unreliable, Bidder shall submit the missing documents within 2 working days of County's request. Bidder's failure to submit Escrowed Documents for itself and its listed subcontractors in accordance with this Section shall constitute an improper withdrawal of Bidder's Bid and shall be grounds for Bidder forfeiting its bid security.

**7.4. SUBCONTRACTORS' ESCROWED DOCUMENTS**

If the apparent successful Bid is based on subcontracting any part of the work, each subcontractor whose total subcontract price exceeds five percent of the total Contract Price proposed by Bidder shall provide separate Escrowed Documents to be included with those of Bidder. The requirements and verification of subcontractors' documents will be the same as those for Bidder. If Contractor subcontracts any portion of the work after award, County retains the right to require Contractor to submit Escrowed Documents before such subcontract is approved.

**7.5. RETURN OF UNSUCCESSFUL BIDDERS' ESCROWED DOCUMENTS**

If the Contract is not awarded to the apparent successful Bidder, the Escrowed Documents will be returned to that Bidder and the next Bidder to be considered for award shall submit Escrowed Documents as provided by this Section.

**7.6. USE OF ESCROWED DOCUMENTS**

County and Contractor may use Contractor's Escrowed Documents during negotiations regarding Change Orders, claims, or disputes, or in connection with litigation arising out of the Project. Nothing in the Escrowed Documents shall be construed to change or modify the terms or conditions of the Contract. Contractor shall be solely responsible for all errors made by Contractor during the preparation of its Bid. County will not use the Escrowed Documents to conduct a pre-award evaluation of any Bidder's methods of construction, qualifications, estimating assumptions, or interpretations of the Contract Documents. County reserves all rights to contest the reasonableness of Contractor's assumptions made during the preparation of its Bid.

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At any time deemed necessary by County or Contractor, the Escrowed Documents may be reviewed by either of the Parties. Unless otherwise mutually agreed, the Party requesting to review the Escrowed Documents shall provide at least 3 days advance notice to the other Party regarding its intent to review the Escrowed Documents. A representative of both Parties shall be present during the other Party's review of the Bid Document. County shall notify Contractor of any request for disclosure of the Escrowed Documents in accordance with the "PUBLIC RECORDS ACT" Section of these General Conditions. Unless Contractor obtains a protective order issued by a court restricting disclosure of the Escrowed Documents, County may disclose the Escrowed Documents if County determines that the Public Records Act requires disclosure.

**7.8. RETURN OF CONTRACTOR'S ESCROWED DOCUMENTS**

County shall return to Contractor the Escrowed Documents held in secure storage after Contractor has completed all work required by the Contract Documents, County has recorded a Notice of Completion for the Project, and all disputes, claims, or lawsuits between County and Contractor arising out of the Project have been resolved, released, or otherwise waived.

**8. EMPLOYEE ELIGIBILITY VERIFICATION**

Contractor hereby certifies that it complies with all applicable laws and regulations regarding the eligibility of its employees to work in the United States, and that all of its employees performing work under this Contract meet all citizenship or immigration status requirements to do so. Contractor shall obtain all documentation necessary to verify the employment eligibility status of covered employees as described by U.S. Citizenship and Immigration Services Form I-9. Contractor shall retain such documentation for the period prescribed by law. Contractor shall indemnify, defend with counsel approved in writing by County, and hold harmless the County, its agents, officers, and employees from any sanctions or liability that may be assessed in connection with any alleged violation of federal or State laws or regulations pertaining to the eligibility for employment of any persons performing work under this Contract.

**9. SECURING WORKERS' COMPENSATION INSURANCE CERTIFICATION**

Contractor, by executing this Agreement, hereby certifies:

"I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

**10. PARTIES' REPRESENTATIVES****10.1. COUNTY'S REPRESENTATIVES**

10.1.1. OC Public Works. The Project is under the general direction of County's Board of Supervisors. The Board of Supervisors authorizes OC Public Works/OC Waste & Recycling to be County's representative in connection with the Project.

County's Project Manager: Before starting work, County shall designate in writing a Project Manager who shall act as County's representative during construction of the Project. County may also designate an alternate representative with complete authority to act for it. Unless otherwise expressly stated in the Contract Documents, the Project Manager will issue and receive all written communications on behalf of County for the Project. The Project Manager shall also coordinate any communications to or from County's

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Architect-Engineer ("A-E") in connection with the Project. The Project Manager shall manage the routine responsibilities of County, but is not authorized to make decisions for County that materially affect this Contract or create additional legal liabilities for County.

**10.2. COUNTY'S AUTHORITY**

County has the final authority in all matters affecting the work. County has the authority to enforce Contractor's compliance with the Contract Documents. County's decision is final and binding on all questions relating to: quantities; acceptability of material, equipment, or work; execution, progress, or sequence of work; and interpretation of the Contract Documents. All labor, materials, tools, equipment furnished by Contractor and all work performed by Contractor shall be subject to County's approval.

**10.3. CONTRACTOR'S REPRESENTATIVES**

10.3.1. Representative and Alternate: Before starting work, Contractor shall designate in writing a representative who shall have complete authority to act for it. Contractor may also designate an alternate representative with complete authority to act for it. County may rely on such representative or alternate as having the authority to execute Change Orders in any amount unless Contractor identifies to County in writing the officer(s) or employee(s) with such authority. The representative or alternate shall be present at the work site whenever work is in progress or whenever weather conditions necessitate its presence to take measures necessary to protect the work, persons, or property. Any order or communication given to this representative shall be deemed delivered to Contractor. A joint venture shall designate only one representative and alternate. In the absence of Contractor's representative, instructions or directions may be given by County to the superintendent or person in charge of the specific work to which the order applies. Such order shall be complied with promptly and referred to Contractor or its representative. Contractor's representative and alternate must be able to read, write, and speak English fluently.

Superintendent: Before starting work, Contractor shall submit to County for its review and approval the name of the superintendent who will be employed full-time by Contractor and be present on site at all times while work is being performed. Contractor's superintendent must be well-qualified, and at County's request Contractor shall provide documents or information to establish the superintendent's qualifications. Contractor's superintendent shall represent Contractor in the absence of Contractor's designated representative or alternate, and all directions given to the superintendent shall be binding as if given to Contractor. Contractor's representative or alternate designated in accordance with the preceding paragraph also may serve as Contractor's superintendent, provided that County approves the selection of the superintendent. The superintendent must read, write, and speak English fluently. County may require Contractor to replace a superintendent whose conduct or performance is unsatisfactory. Contractor shall not change its superintendent without County's consent unless the superintendent is unsatisfactory to Contractor or ceases to be in Contractor's employ. If Contractor's superintendent leaves the Project, Contractor shall replace him or her within 24 hours with a new, well-qualified superintendent acceptable to County.

10.3.2. Alternate Supervision Plan: For Projects on which the original Contract Price is \$50,000 or less, Contractor may propose for County's consideration a plan for providing supervision on the site that does not involve the presence of a full-time superintendent, representative, or alternate, as required by the preceding paragraphs. Any such plan must ensure that Contractor's supervision of the work is adequate and effective for purposes of completing the work timely and in compliance with the Contract Documents. County may approve or reject Contractor's proposed plan in its sole and absolute discretion.

Emergency Contacts: Contractor shall provide County with a list of names and telephone numbers at which Contractor's representative, alternate, superintendent, and other key personnel can be reached during non-working hours in the case of an emergency.

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**11. SIGNATURE REQUIREMENTS**

The Agreement must be signed by officer(s) authorized to bind Contractor. If documentation demonstrating express authority is not provided, then the Agreement must be signed by those officers with apparent authority to bind Contractor. If Contractor is a corporation, such signatures must comply with Corporations Code Section 313, as follows:

- 1) One signature by the chairman of the board, the president, or any vice president; and
- 2) One signature by the secretary, any assistant secretary, the chief financial officer, or any assistant treasurer.

**12. LEVINE ACT REQUIREMENT**

Contractor agrees to comply with Government Code Section 84308. Contractor further agrees to disclose to the County any contribution made to any members of the Board of Supervisors or County Agency Officers by Contractor, Contractor's agent or lobbyist, or, if applicable, any subcontractor(s) for the twelve (12) months prior to and twelve (12) months following the approval, renewal, or extension of this Contract.

**13. ENTIRE CONTRACT**

The Contract Documents represent the entire and integrated agreement between County and Contractor and supersede all prior representations, statements, or agreements concerning the subject matter of this Contract, whether verbal or written.

**14. BID SCHEDULE**

Cons t. Note( s)	Line Item No.	Bid Item No.	Description	Qty	Unit	Unit Cost	Total
<b>1.0 GENERAL CONDITIONS</b>							
-	1	1.1.1	BONDS & INSURANCE	1	LS	\$ 2,500,000	\$ 2,500,000
-	2	1.2.1	MOBILIZATION/DEM OBILIZATION	1	LS	\$ 6,650,000	\$ 6,650,000
-	3	1.3.2	TEMPORARY CONTRACTOR FACILITIES AND	1	LS	\$ 650,000	\$ 650,000

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			CONSTRUCTION SUPPORT TASKS - SWPPP COMPLIANCE WITH CGP AND IGP - CONSTRUCTION ACTIVITIES STORMWATER MANAGEMENT PLAN (CASMP) - INTERIM EROSION CONTROL/BMP'S				
			AND PROJECT SCHEDULE				
-	4	1.3.3	TEMPORARY TRAFFIC CONTROL	1	LS	\$ 25,000	\$ 25,000
<b>GENERAL CONDITIONS SUBTOTAL</b>						<b>9,825,000.00</b>	
<b>SPECIAL PROVISIONS</b>							
<b>2.0 CLEARING AND GRUBBING</b>							
1	5	2.0.1	CLEARING AND GRUBBING	210	AC	\$ 3,500	\$ 735,000
115	6	2.0.2	INSTALL STEEL POSTS WITH YELLOW NYLON ROPE CONSERVATION EASEMENT BOUNDARY DELINEATION	2,750	LF	\$ 5	\$ 13,750
<b>3.0 DEMOLITION (RESERVED)</b>							
1, 54, 55, 103 & 107	7	3.0.1	DEMOLITION AND SALVAGING	1	LS	\$ 250,000	\$ 250,000
<b>4.0 EARTHWORK (RESERVED)</b>							

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2 & 4	8	4.0.1	UNCLASSIFIED EXCAVATION TO CONTOURS PER PLAN; TRANSPORT TO BRECCIA STOCKPILE - UNCLASSIFIED FILL	2,600,000	CY	\$ 5	\$ 13,650,000
2, 4, 9, 15, & 16	9	4.0.2	UNCLASSIFIED EXCAVATION TO CONTOURS PER PLAN; TRANSPORT TO STOCKPILE D - UNCLASSIFIED FILL	500,000	CY	\$ 4	\$ 1,825,000
2, 4, 9, 15, & 16	10	4.0.3	UNCLASSIFIED EXCAVATION TO CONTOURS PER PLAN; TRANSPORT TO STOCKPILE C - UNCLASSIFIED FILL	325,000	5.005	\$ 5	\$ 1,625,000
2, 4, 9, 15, & 16	11	4.0.4	UNCLASSIFIED EXCAVATION TO CONTOURS PER PLAN; TRANSPORT TO STOCKPILE B - UNCLASSIFIED FILL	400,000	CY	\$ 5	\$ 1,800,000
2, 4, 9, 15, & 16	12	4.0.5	UNCLASSIFIED EXCAVATION TO CONTOURS PER PLAN; TRANSPORT TO ZONE 1 DAILY COVER STOCKPILE - UNCLASSIFIED FILL (4,000 CY/WKLY)	200,000	CY	\$ 6	\$ 1,190,000



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2, 4, 9, 15, & 16	13	4.0.6	UNCLASSIFIED EXCAVATION TO CONTOURS PER PLAN; TRANSPORT TO ZONE 4 DAILY COVER STOCKPILE - UNCLASSIFIED FILL AND ORANGE SAFETY FENCE SEPARATION	60,000	CY	\$	3	\$	168,000
2, 4, 9, 15, & 16	14	4.0.7	UNCLASSIFIED EXCAVATION TO ENGINEERED FILL	3,300,000	CY	\$	3	\$	9,240,000
22	15	4.0.8	LOW PERMEABLE LAYER MATERIAL (BASE LINER) (PER DETAIL 1/D1)	1,750,000	SF	\$	1	\$	1,592,500
9, 16, 23, & 43	16	4.0.9	LOW PERMEABLE LAYER MATERIAL (SLOPES AND BENCHES) (PER DETAIL 2/D1)	1,300,000	SF	\$	2	\$	2,015,000
2, 4, 7, 9, & 16	17	4.0.10	UNCLASSIFIED EXCAVATION AND PLACEMENT - SLOT CUT BUTTRESS AREA PER GEOTECHNICAL REPORT (EXCLUDES BLASTED BRECCIA MATERIAL AND EXCESS TO BE STOCKPILED)	400,000	CY	\$	4	\$	1,440,000

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3	18	4.0.11	ALLUVIAL / COLLUVIAL AND/OR UNSUITABLE MATERIAL REMOVAL AND RECOMPACTION	150,000	CY	\$	2	\$	337,500
3	19	4.0.12	PLACE AND COMPACT COMPETENT MATERIAL IN UNSUITABLE REMOVAL AREAS	150,000	CY	\$	0	\$	37,500
75	20	4.0.13	TOP DECK BERM (PER DETAIL 6/D8)	5,600	LF	\$	4	\$	19,600
-	21	4.0.14	BLASTING	2,600,000	CY	\$	2	\$	5,200,000
-	22	4.0.15	REFUSE REMOVAL / TRANSPORT / DISPOSAL AT WORKING FACE	1,500	CY	\$	6	\$	9,000
18	23	4.0.16	CONSTRUCT INTERCEPTOR DITCH (PER DETAIL 6/D4)	1,150	LF	\$	5	\$	5,750
-	24	4.0.17	PROCESSING OF BLASTED BRECCIA MATERIAL TO MEET COUNTY ROAD BASE SPECIFICATIONS	20,000	CY	\$	16	\$	310,000
<b>5.0 FINAL COVER (RESERVED)</b>									
59	25	5.0.1	FINAL COVER (PER DETAIL 3/D3)	61,000	SF	\$	1	\$	36,600

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60	26	5.0.2	FINAL COVER SLOPE TRANSITION (PER DETAIL 7/D3)	12,500	SF	\$ 0	\$ 5,625
<b>6.0 LINER INSTALLATION (RESERVED)</b>							
22	27	6.1.1	DRAINAGE GEOCOMPOSITE BASE LINER UNDERDRAIN	1,750,000	SF	\$ 1	\$ 1,837,500
22	28	6.1.2	DRAINAGE GEOCOMPOSITE SLOPE AND BENCHES UNDERDRAIN	1,350,000	SF	\$ 1	\$ 1,444,500
22	29	6.2.1	8 OUNCE GEOTEXTILE	1,750,000	SF	\$ 0	\$ 542,500
22	30	6.2.3	12 OUNCE GEOTEXTILE	1,750,000	SF	\$ 0	\$ 647,500
23	31	6.2.4	16 OUNCE GEOTEXTILE SLOPE AND BENCHES	1,350,000	SF	\$ 0	\$ 607,500
22	32	6.3.1	80-MIL GEOMEMBRANE – BASE (PER DETAIL 1/D1)	1,750,000	SF	\$ 1	\$ 1,435,000

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23, 25, 26, 29, 31 & 34	33	6.3.2	80-MIL GEOMEMBRANE – SLOPES AND BENCHES (PER DETAILS 2/D1, 3/D1, 4/D1, 5/D1, 7/D1, AND 1/D3)	1,350,000	SF	\$	1	\$	1,147,500
149	34	6.3.3	80-MIL GEOMEMBRANE – LCRS CUT OFF FLAP (PER DETAILS 1/D11, 2/D11, AND 3/D11)	60,000	SF	\$	2	\$	102,000
42	35	6.3.4	BASE LINER TERMINATION (PER DETAIL 3/D4)	2,000	LF	\$	24	\$	48,000
24	36	6.3.5	SLOPE TO BASE LINER TRANSITION (PER DETAIL 3/D1)	5,000	LF	\$	14	\$	70,000
30	37	6.3.6	SLOPE LINER TERMINATION (PER DETAIL 8/D1)	525	LF	\$	46	\$	24,150
26	38	6.3.7	BENCH LINER ANCHOR TRENCH (PER DETAIL 5/D1)	3,000	LF	\$	40	\$	120,000
29	39	6.3.8	TOP BENCH LINER ANCHOR TRENCH (PER DETAIL 7/D1)	875	LF	\$	29	\$	25,375

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31	40	6.3.9	DRAINAGE BENCH 5 ANCHOR TRENCH (PER DETAIL 1/D3)	2,750	LF	\$ 25	\$ 67,375
41	41	6.3.10	TOP OF SLOPE LINER ANCHOR TRENCH (PER DETAIL 4/D4)	2,100	LF	\$ 28	\$ 58,800
49	42	6.3.11	LCRS BENCH CROSSING AND INTERCEPTOR BERM (PER DETAIL 5/D2)	3	EA	\$ 2,400	\$ 7,200
50	43	6.4.1	PROTECTIVE LINER COVER (SCRIM) AND UV HDPE GEOTEXTILE BALLAST SYSTEM (WIND DEFENDER)	1,250,000	SF	\$ 1	\$ 1,500,000
22	44	6.5.1	OPERATIONS COVER SOIL - BASE	1,750,000	SF	\$ 2	\$ 3,325,000
23	45	6.5.2	PROTECTIVE COVER SOIL - SLOPES	36,000	SF	\$ 3	\$ 99,000
25, 26, 29, & 43	46	6.5.3	OPERATIONS COVER SOIL - BENCHES	150,000	SF	\$ 4	\$ 525,000

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-	47	6.5.4	EXCESS PROTECTIVE COVER SOIL - STOCKPILE	4,000	CY	\$ 2	\$ 7,480
137	48	6.5.5	OPERATIONS COVER SOIL - LCRS CUT-OFF BERM AND ORANGE SAFETY FENCE SEPARATION (PER DETAIL 1/D11)	22,000	CY	\$ 22	\$ 484,000
<b>7.0 LEACHATE COLLECTION SYSTEM (RESERVED)</b>							
32	49	7.1.1	8-INCH SDR-7 SLOTTED LCRS HEADER (PER DETAIL 1/D2)	4,400	LF	\$ 28	\$ 124,300
32	50	7.1.2	6-INCH SDR-7 SLOTTED LCRS HEADER (PER DETAIL 1/D2)	4,500	LF	\$ 20	\$ 88,875
33	51	7.1.3	4-INCH SDR-7 SLOTTED LCRS LATERAL (PER DETAIL 3/D2)	5,000	LF	\$ 13	\$ 64,750
36	52	7.1.4	LCRS PIPE JUNCTION (DETAIL 7/D2)	45	EA	\$ 1,750	\$ 78,750
27	53	7.1.5	6-INCH SDR-9 SLOTTED LCRS BENCH COLLECTOR (PER DETAIL 6/D1)	7,250	LF	\$ 30	\$ 217,500
35	54	7.1.6	8-INCH SDR-7 SOLID LCRS SLOPE RISER PIPE (PER DETAIL 8/D2)	1,150	LF	\$ 39	\$ 44,850

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35	55	7.1.7	6-INCH SDR-7 SOLID LCRS SLOPE RISER PIPE (PER DETAIL 8/D2)	1,900	LF	\$ 15	\$ 28,500
147	56	7.1.8	6-INCH SDR-7 SLOTTED LCRS CUT-OFF HEADER (PER DETAILS 1/D11 AND 2/D11)	1,500	LF	\$ 20	\$ 30,000
148	57	7.1.9	6-INCH SDR-7 SOLID LCRS CUT-OFF HEADER (PER DETAILS 1/D11 AND 2/D11)	415	LF	\$ 20	\$ 8,300
146	58	7.1.10	6-INCH SDR-7 SOLID LCRS CUT-OFF WYE WITH PIPE PIG (PER DETAIL 3/D11)	16	EA	\$ 2,150	\$ 34,400
58 & 64	59	7.1.11	8-INCH IN 12-INCH DUAL WALL SOLID LCRS OUTFALL PIPE (PER DETAILS 4/D7, 5/D7)	1,100	LF	\$ 85	\$ 93,500
17	60	7.1.12	LCRS SLOPE RISER TERMINATION / SUPPORT (PER DETAIL 5/D4)	15	EA	\$ 3,000	\$ 45,000
130	61	7.1.13	LCRS TEST PORT OUTLET, RISER, RISER SUPPORT, AND BENCH CROSSING (PER DETAIL 2/D8, 3/D8, 5/D4)	2	EA	\$ 4,600	\$ 9,200

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129	62	7.1.14	LCRS STORM DRAIN WYE AND PIPE PIG WITH 3-INCH DRAINAGE WYE AT BENCH CROSSING - (PER DETAIL 7/D4)	16	EA	\$ 1,575	\$ 25,200
139	63	7.1.15	3" COIL HDPE STORM DRAIN PIPE FROM TRANSITION AT STORM DRAIN WYE TO LOWER BENCH (PER DETAIL 7/D4)	1,700	LF	\$ 3	\$ 5,270
58	64	7.1.16	4-INCH SDR-17 SOLID LYSIMETER OUTFALL PIPE (PER DETAILS 3/D7 & 4/D7)	700	LF	\$ 12	\$ 8,225
56	65	7.1.17	LYSIMETER SUMP (PER DETAILS 1/D7, 2/D7, AND 3/D7)	1	LS	\$ 18,150	\$ 18,150
56	66	7.1.18	LCRS SUMP (PER DETAILS 1/D7, 2/D7, AND 3/D7)	1	LS	\$ 7,750	\$ 7,750
22	67	7.1.19	LCRS GRAVEL	1,750,000	SF	\$ 2	\$ 3,237,500
28	68	7.1.20	WRAPPED GRAVEL (PER DETAIL 6/D1)	330	LF	\$ 30	\$ 9,735



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144	69	7.1.21	INSTALL LCRS CUT-OFF RISER INTERSECT PIPING FOR COUNTY SUPPLIED PUMP AND GENERATOR FOR STORMWATER DISCHARGE INTO SEDIMENTATION BASIN 4B	1	LS	\$ 12,850	\$ 12,850
149	70	7.1.22	4.22 12-INCH SDR-17 SOLID HDPE LCRS CLEANOUT/DETECTI ON RISER WITH WELDED TO 48"X48" X1" HDPE PLATE (PER DETAIL 3/D7)	130	LF	\$ 48	\$ 6,240
40	71	7.2.1	SUBDRAIN / LYSIMETER/LCRS STORAGE FACILITY (PER DETAILS 1/D6, 2/D6, AND 3/D6)	1	LS	\$ 1,214,000	\$ 1,214,000
40	72	-	STORAGE FACILITY POLY PROCESSING MODEL NO. 1006550 (6,650 GALLON) STORAGE TANK	8	EA	Paid Per Item 7.2.1	
40	73	-	STORAGE FACILITY POLY PROCESSING MODEL NO. 1000755 (755 GALLON) LYSIMETER TANK	1	EA	Paid Per Item 7.2.1	

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40	74	-	STORAGE FACILITY POLY PROCESSING REVERSE FLOAT LEVEL GAUGE ASSEMBLY	9	EA	Paid Per Item 7.2.1
40	75	-	STORAGE FACILITY 55 GALLON GRANULATED ACTIVE CARBON (GAC) FILTER CANISTER AND FLAME CHECK VALVE	1	EA	Paid Per Item 7.2.1
40	76	-	STORAGE FACILITY 8-INCH HDPE PIPE WATER TRUCK/TANKER DISCHARGE LINE	85	LF	Paid Per Item 7.2.1
40	77	-	STORAGE FACILITY 4-INCH HDPE PIPE TANK LOAD OUT ASSEMBLY	8	EA	Paid Per Item 7.2.1
40	78	-	STORAGE FACILITY 8-INCH FLANGED GATE VALVE	6	EA	Paid Per Item 7.2.1
40	79	-	STORAGE FACILITY 4-INCH FLANGED GATE VALVE	10	EA	Paid Per Item 7.2.1
40	80	-	STORAGE FACILITY 4-INCH PVC PIPE VENT LINE TO CARBON FILTER	275	LF	Paid Per Item 7.2.1

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40	81	-	STORAGE FACILITY U-DESIGN CROSSOVER PLATFORM	2	EA	Paid Per Item 7.2.1
40	82	-	STORAGE FACILITY 16-INCH THICK CONCRETE CONTAINMENT FLOOR OVER 24- INCH CRUSHED MISCELLANEOUS BASE MATERIAL	5,000	SF	Paid Per Item 7.2.1
40 & 133	83	-	STORAGE FACILITY CONCRETE RETAINING WALL TYPE 1A PER CAL TRANS STD. PLAN B3-1A (HEIGHT PER PLAN)	390	LF	Paid Per Item 7.2.1
40 & 52	84	-	STORAGE FACILITY CONCRETE RETAINING WALL TYPE 1B PER CAL TRANS STD. PLAN B3-1B (HEIGHT PER PLAN)	175	LF	Paid Per Item 7.2.1
40 & 95	85	-	STORAGE FACILITY TYPE B METAL HANDRAIL PER SPPWC STD. PLAN 606-4	550	LF	Paid Per Item 7.2.1
40	86	-	STORAGE FACILITY WARNING SIGNS	1	LS	Paid Per Item 7.2.1

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73	87	7.3.1	LCRS WATER TRUCK LOAD-OUT FACILITY (PER DETAILS 4/D8 AND 5/D8)	1	LS	\$ 418,500	\$ 418,500
118	88	-	LEACHATE LOAD- OUT FACILITY 6- INCH CONCRETE OVER 12-INCH CLASS 2 BASE	9,500	SF	Paid Per Item 7.3.1	
12	89	-	LEACHATE LOAD- OUT FACILITY 8- INCH CONCRETE CURB FACE TYPE A1- 8(200) PER SPPWC STD. PLAN 120-2-OC	450	LF	Paid Per Item 7.3.1	
114	90	-	LEACHATE LOAD- OUT FACILITY CONCRETE SPEED BUMP (PER DETAIL 10/D4)	70	LF	Paid Per Item 7.3.1	
48	91	-	LEACHATE LOAD- OUT FACILITY CONCRETE CUT-OFF WALL (PER DETAILS 1/BD3 AND 3/BD3)	60	LF	Paid Per Item 7.3.1	
98 & 99	92	-	LEACHATE LOAD- OUT FACILITY MISCELLANEOUS CONCRETE CONSTRUCTION EXPANSION AND CONTRACTION (SAW CUT) JOINTS (PER DETAIL 5/BD3)	850	LF	Paid Per Item 7.3.1	

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119	93	-	LEACHATE LOAD-OUT FACILITY 24"X24"X24" FRAMED INLET DEPRESSION AND H-20 TRAFFIC RATED GRATE	1	EA	Paid Per Item 7.3.1
120	94	-	LEACHATE LOAD-OUT FACILITY 8-INCH SCHEDULE 40 WELDED STEEL PIPE J-STAND AND SUPPORT WITH LEVER ACTUATOR VALVE AND PULL CHAIN LOOP, 8-INCH FLANGED FLEXIBLE HOSE CONNECTION, 8-INCH FLANGED GATE VALVE, AND 8-INCH LEAK MONITORING LOW POINT TERMINATION POINT (FOR SINGLE AND DUAL CONTAINMENT PIPE) (PER DETAIL 5/D8)	2	EA	Paid Per Item 7.3.1
133	95	-	LEACHATE LOAD-OUT FACILITY CONCRETE RETAINING WALL TYPE 1A PER CAL TRANS STD. PLAN B3-1A (HEIGHT PER PLAN)	50	LF	Paid Per Item 7.3.1
<b>8.0 LANDFILL GAS (RESERVED)</b>						

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47	96	8.1.1	4-INCH SDR-7 SLOTTED LCRS/LFG EVACUATION PIPE (FUSION WELDED PER DETAIL 3/D5)	12,000	LF	\$	13	\$	153,000
46	97	8.1.2	4-INCH SDR-7 SOLID LCRS/LFG EVACUATION SLOPE RISER PIPE (FUSION WELDED PER DETAIL 8/D2)	3,250	LF	\$	11	\$	34,125
116	98	8.1.3	4-INCH SOLID LCRS/LFG EVACUATION JUNCTION PIPE (FUSION WELDED)	52	EA	\$	551	\$	28,652
17	99	8.1.4	LFG SLOPE RISER TERMINATION / SUPPORT (PER DETAIL 5/D4)	16	EA	\$	2,750	\$	44,000
-	100	8.2.1	NEW H2S TANK INSTALLATION (INCLUDES ALL CORRESPONDING APPURTENANCES)	1	LS	\$	416,500	\$	416,500
<b>9.0 SUBDRAIN</b>									
51	101	9.0.1	6-INCH SDR-7 PERFORATED CANYON SUBDRAIN (PER DETAIL 9/D4)	8,100	LF	\$	33	\$	267,300

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51	102	9.0.2	6-INCH SDR-7 PERFORATED SUBDRAIN FOR "SPRING-LIKE FLOWS" ENCOUNTERED DURING CONSTRUCTION (PER DETAIL 9/D4)	1,000	LF	\$ 32	\$ 32,000
5, 19	103	9.0.3	8-INCH SDR-7 PERFORATED SUBDRAIN BELOW LCRS HEADER SWALE (PER DETAILS 1/D2 AND 10/D5)	4,350	LF	\$ 41	\$ 178,350
5, 19	104	9.0.4	6-INCH SDR-7 PERFORATED SUBDRAIN BELOW LCRS HEADER SWALE (PER DETAILS 1/D2 AND 10/D5)	4,700	LF	\$ 35	\$ 162,150
8	105	9.0.5	6-INCH SDR-9 BENCH SUBDRAIN (PER DETAIL 10/D5)	8,000	LF	\$ 30	\$ 240,000
11	106	9.0.6	6-INCH SDR-17 CHANNEL SUBDRAIN (PER DETAILS 2/D3 AND 4/BD2)	8,250	LF	\$ 21	\$ 173,250
6	107	9.0.7	6-INCH SDR-9 SOLID SUBDRAIN SLOPE PIPE RISER (PER DETAIL 8/D2)	2,250	LF	\$ 24	\$ 54,000

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6	108	9.0.8	8-INCH SDR-9 SOLID SUBDRAIN SLOPE PIPE RISER (PER DETAIL 8/D2)	1,200	LF	\$ 40	\$ 48,000
126	109	9.0.9	8-INCH SDR-17 SOLID SUBDRAIN OUTFALL PIPE TO STORAGE AREA (PER DETAILS 3/D7 & 4/D7)	700	LF	\$ 27	\$ 19,075
5 & 6	110	9.0.10	6-INCH SDR-11 BUTTRESS SUBDRAIN (PER DETAIL 10/D5)	1,850	LF	\$ 35	\$ 64,750
36	111	9.0.11	SUBDRAIN PIPE JUNCTION (DETAIL 7/D2)	45	EA	\$ 980	\$ 44,100
17 & 53	112	9.0.12	SUBDRAIN SLOPE RISER TERMINATION / SUPPORT (PER DETAIL 5/D4)	7	EA	\$ 1,525	\$ 10,675
132	113	9.0.13	2-FOOT WIDE GEOCOMPOSITE SUBDRAIN – SOIL TIGHT (IN BUTTRESS BACK-CUT AREA) - SLOPE RISER DRAINS IN BUTTRESS SLOT CUT (PER DETAIL 7/D10)	6,000	LF	\$ 7	\$ 44,700
<b>10.0 DRAINAGE CONTROL SYSTEM (RESERVED)</b>							
72	114	10.1.1	CONCRETE 12-FOOT WIDE TERRACE DRAIN PER OCPWD STD PLAN 1321	1,300	LF	\$ 41	\$ 52,650



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78	115	10.1.2	CONCRETE INTERCEPTOR DRAIN PER OCRDMD STD. 1332	2,650	LF	\$ 29	\$ 75,525
79 & 80	116	10.1.3	CONCRETE DOWN DRAIN AND TERRACE DRAIN / DOWN DRAIN INTERSECTION PER OCRDMD STD. 1321	1,300	LF	\$ 59	\$ 76,700
70	117	10.1.4	DOWN DRAIN TRANSITION TO BASIN / CHANNEL (PER DETAIL 8/BD1)	4	EA	\$ 266	\$ 1,064
11	118	10.1.5	CONCRETE TRAPEZOIDAL CHANNEL – B=2.0', D=2.0', Z=1 (PER DETAIL 2/D3)	3,900	LF	\$ 155	\$ 604,500
11	119	10.1.6	CONCRETE TRAPEZOIDAL CHANNEL – B=2.0', D=2.5', Z=1 (PER DETAIL 2/D3)	520	LF	\$ 198	\$ 102,960
11, 15	120	10.1.7	CONCRETE TRAPEZOIDAL CHANNEL – B=4.0', D=4.0', Z=1 (PER DETAIL 2/D3)	2,850	LF	\$ 257	\$ 732,450
11	121	10.1.8	CONCRETE TRAPEZOIDAL CHANNEL – B=4.0', D=2.0', Z=2 (PER DETAIL 2/D3)	550	LF	\$ 233	\$ 128,150

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11, 15	122	10.1.9	CONCRETE TRAPEZOIDAL CHANNEL – B=6.0', D=4.0', Z=1 (PER DETAIL 2/D3)	1,040	LF	\$ 252	\$ 262,080
37	123	10.1.10	CONCRETE TRAPEZOIDAL CHANNEL - END TRANSITION (PER DETAIL 3/D2)	7	EA	\$ 4,850	\$ 33,950
48	124	10.1.11	CONCRETE CUT-OFF WALL (PER DETAILS 1/D3 AND 3/BD3)	300	LF	\$ 105	\$ 31,500
14	125	10.1.12	CONSTRUCT SPLASH WALL (PER DETAIL 5/BD2)	1,200	LF	\$ 30	\$ 36,000
140	126	10.1.13	CONCRETE CHANNEL SPLASH COVER (PER DETAIL 1/BD2)	1	LS	\$ 26,500	\$ 26,500
74	127	10.1.14	25-FOOT OR 15-FOOT CONCRETE TRAPEZOIDAL CHANNEL TRANSITION TO PIPE WITH WARPED WING WALLS AND HEADWALL PER CALTRANS STD. D86B (b=6.0', D=4.0' Z=1 TO 60" RCP / CHDPE)	3	EA	\$ 51,250	\$ 153,750

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74	128	10.1.15	15-FOOT CONCRETE TRAPEZOIDAL CHANNEL TRANSITION TO PIPE WITH WARPED WING WALLS AND HEADWALL PER CALTRANS STD. D86B (b=2.5', D=2.0' Z=1 TO 48" RCP)	1	EA	\$ 62,000	\$ 62,000
74	129	10.1.16	CONCRETE TRAPEZOIDAL CHANNEL HEADWALL TO PIPE PER CALTRANS STD. D86B (b=2.0', D=2.0' Z=1 TO 24" CHDPE)	1	EA	\$ 22,000	\$ 22,000
74	130	10.1.17	15-FOOT CONCRETE TRAPEZOIDAL CHANNEL TRANSITION TO PIPE WITH WARPED WING WALLS AND HEADWALL PER CALTRANS STD. D86B (b=2.0', D=2.0' Z=1 TO 36" RCP/CHDPE)	2	EA	\$ 32,250	\$ 64,500
74	131	10.1.18	15-FOOT CONCRETE TERRANCE DOWN DRAIN TRANSITION TO PIPE WITH WARPED WING WALLS AND HEADWALL PER CALTRANS STD. D86B (b=2.0', D=2.0' Z=1 TO 36" RCP/CHDPE)	1	EA	\$ 70,500	\$ 70,500

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74	132	10.1.19	6-FOOT CONCRETE HEADWALL TO PIPE WITH WARPED WING WALLS PER CALTRANS STD. D86B (24" CHDPE)	1	EA	\$ 16,500	\$ 16,500
141	133	10.1.20	CONSTRUCT 4" CONCRETE PAD WITH #4 BARS AT 12" ON CENTER BOTH WAYS OVER COMPACTED NATIVE	250	SF	\$ 20	\$ 5,000
10	134	10.1.21	CONCRETE BENCH CROSSING TO DOWN DRAIN (PER DETAIL 4/D3)	3,300	SF	\$ 17	\$ 56,100
91	135	10.1.22	CONSTRUCT JUNCTION STRUCTURE - PIPE TO CHANNEL (PER DETAIL 7/BD1)	8	EA	\$ 5,400	\$ 43,200
125	136	10.1.23	36" REINFORCED CONCRETE PIPE (5400-D) (PER DETAIL 1/D4)	1,400	LF	\$ 310	\$ 434,000
124	137	10.1.24	48" REINFORCED CONCRETE PIPE (5400-D) WITH AN ADDITIONAL 1-1/2" OF CONCRETE OVER THE STEEL AT THE PIPE INVERT (PER DETAIL 1/D4)	825	LF	\$ 529	\$ 436,425

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123	138	10.1.25	60" REINFORCED CONCRETE PIPE (5400-D) WITH AN ADDITIONAL 1-1/2" OF CONCRETE OVER THE STEEL AT THE PIPE INVERT (PER DETAIL 1/D4)	525	LF	\$ 741	\$ 389,025
108	139	10.1.26	84" REINFORCED CONCRETE PIPE (5400-D) WITH AN ADDITIONAL 1-1/2" OF CONCRETE OVER THE STEEL AT THE PIPE INVERT (PER DETAIL 1/D4)	17	LF	\$ 1,625	\$ 27,625
125 & 142	140	10.1.27	SLURRY EMBEDMENT BACKFILL AROUND 36" REINFORCED CONCRETE PIPE (PER DETAIL 2/BD2)	1,100	LF	\$ 122	\$ 134,200
124 & 142	141	10.1.28	SLURRY EMBEDMENT BACKFILL AROUND 48" REINFORCED CONCRETE PIPE (PER DETAIL 2/BD2)	850	LF	\$ 173	\$ 147,050
123 & 142	142	10.1.29	SLURRY EMBEDMENT BACKFILL AROUND 60" REINFORCED CONCRETE PIPE (PER DETAIL 2/BD2)	600	LF	\$ 231	\$ 138,600

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104	143	10.1.30	CONSTRUCT 15-FOOT MANHOLE PIPE TO PIPE TRANSITION STRUCTURE PER PLAN SHEET 61 (60" RCP TO 84" RCP WITH 78" STEEL LINER AND 36" RCP SIDE WYE INLET)	1	EA	\$ 37,500	\$ 37,500
111	144	10.1.31	CONSTRUCT 15-FOOT PIPE TO PIPE TRANSITION STRUCTURE PER PLAN SHEET 62 (60" RCP TO 60" RCP WITH 60" HDPE SIDE WYE INLET)	1	EA	\$ 42,200	\$ 42,200
121	145	10.1.32	CONSTRUCT 15-FOOT PIPE TO PIPE TRANSITION STRUCTURE PER PLAN SHEET 62 (48" RCP TO 48" RCP WITH 43" STEEL LINER AND 36" RCP SIDE WYE INLET)	1	EA	\$ 25,000	\$ 25,000
113	146	10.1.33	DEEP MANHOLE WITH LANDINGS PER OCPWD STD PLANS 1504 AND 1508	2	EA	\$ 28,500	\$ 57,000

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127	147	10.1.34	CONSTRUCT TYPE V INLET (24" DIAMETER INLET TO 12" DIAMETER OUTLET) PER OCPWD STD PLAN 1305	1	EA	\$ 4,500	\$ 4,500
127	148	10.1.35	CONSTRUCT TYPE V INLET (36" DIAMETER INLET TO 24" DIAMETER OUTLET) PER OCPWD STD PLAN 1305	2	EA	\$ 5,650	\$ 11,300
127	149	10.1.36	CONSTRUCT TYPE V INLET (48" DIAMETER INLET TO 36" DIAMETER OUTLET) PER OCPWD STD PLAN 1305	1	EA	\$ 8,050	\$ 8,050
127	150	10.1.37	CONSTRUCT MODIFIED TYPE V INLET (60" DIAMETER INLET CHDPE RISER TO 60" DIAMETER CHDPE TEE OUTLET) PER OCPWD STD PLAN 1305	1	EA	\$ 12,400	\$ 12,400
102	151	10.1.38	CONCRETE COLLAR PER SPPWC STD. PLAN NO. 380-4 AND OCPWD STD. PLAN 380-4-OC	45	EA	\$ 2,200	\$ 99,000

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77	152	10.1.39	CONCRETE SLOPE ANCHORS/SEEP COLLARS (MODIFIED) PER OCPWD STD. PLAN 1333 (USE 650-C-3250 CONCRETE)	12	EA	\$ 1,250	\$ 15,000
122	153	10.1.40	12-INCH CORRUGATED HDPE SMOOTH INTERIOR WALL PIPE (PER DETAIL 1/D4)	75	LF	\$ 87	\$ 6,525
65	154	10.1.41	24-INCH CORRUGATED HDPE SMOOTH INTERIOR WALL PIPE (PER DETAIL 1/D4)	775	LF	\$ 134	\$ 103,850
66	155	10.1.42	36-INCH CORRUGATED HDPE SMOOTH INTERIOR WALL PIPE (PER DETAIL 1/D4)	275	LF	\$ 259	\$ 71,225
67	156	10.1.43	48-INCH CORRUGATED HDPE SMOOTH INTERIOR WALL PIPE (PER DETAIL 1/D4)	400	LF	\$ 244	\$ 97,600
68, 112,	157	10.1.44	60-INCH CORRUGATED HDPE SMOOTH INTERIOR WALL PIPE (PER DETAIL 1/D4)	1,900	LF	\$ 274	\$ 520,600



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68 & 142	158	10.1.45	SLURRY EMBEDMENT BACKFILL AROUND 60" CORRUGATED HDPE PIPE (PER DETAIL 2/BD2)	350	LF	\$ 193	\$ 67,550
105	159	10.1.46	CONSTRUCT BASIN 60-INCH CORRUGATED STEEL RISER AND AGRI- DRAIN HEAVY DUTY YELLOW BAR GUARD (PER DETAIL 1/34)	2	EA	\$ 26,500	\$ 53,000
150	160	10.1.47	CONSTRUCT BASIN 48-INCH CORRUGATED STEEL RISER AND AGRI- DRAIN HEAVY DUTY YELLOW BAR GUARD (PER DETAIL 1/34)	1	EA	\$ 17,500	\$ 17,500
117	161	10.1.48	CONSTRUCT TOP DECK BERM OUTLET PER (PER DETAIL 5/D5)	2	EA	\$ 2,275	\$ 4,550
13	162	10.1.49	CONSTRUCT RIP RAP PAD (PER DETAIL 6/D3)	4,000	SF	\$ 26	\$ 102,000

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-	163	10.1.50	CONSTRUCT CONCRETE SEDIMENTATION BASIN 4A (INCLUDES ALL ITEMS IDENTIFIED BELOW AND THEIR CORRESPONDING APPURTENANCES RESPECTIVELY)	1	LS	\$ 511,000	\$ 511,000
81 & 101	164	-	CONSTRUCT SEDIMENTATION BASIN 6" SUBDRAIN (PER DETAIL 4/BD2) WITH CLEAN-OUT FLUSH WITH AC SURFACE AND TRAFFIC RATED VAULT AND LID	155	LF	Paid Per Item 10.1.150	
97	165	-	INSTALL DRAIN LINER WITH 8 OZ/SY GEOTEXTILE WRAP (PER DETAILS 4/BD1 AND 9/BD2)	450	LF	Paid Per Item 10.1.150	
82	166	-	CONSTRUCT SEDIMENTATION BASIN FLOOR (PER DETAIL 1/BD1)	3,850	SF	Paid Per Item 10.1.150	
83	167	-	CONSTRUCT SEDIMENTATION BASIN SLOPE (PER DETAIL 2/BD1)	16,950	SF	Paid Per Item 10.1.150	

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86	168	-	CONSTRUCT SEDIMENTATION BASIN SPILLWAY (PER DETAIL 6/BD1)	340	SF	Paid Per Item 10.1.150
100	169	-	CONSTRUCT SEDIMENTATION BASIN SLOPE TO FLOOR CONCRETE TRANSITION (PER DETAIL 4/BD1 AND 5/BD3)	270	LF	Paid Per Item 10.1.150
84	170	-	CONSTRUCT SEDIMENTATION BASIN TOP EDGE (PER DETAIL 2/BD1)	560	LF	Paid Per Item 10.1.150
106	171	-	CONSTRUCT SEDIMENTATION BASIN CONCRETE ACCESS RAMP (PER DETAIL 2/BD3)	1,600	SF	Paid Per Item 10.1.150
87	172	-	CONSTRUCT SEDIMENTATION BASIN REINFORCED CONCRETE BULKHEAD RETAINING WALL (TYPE 6A) PER CALTRANS STD. B3- 7B AND (PER DETAILS 2/BD4 & 5/BD4)	1	EA	Paid Per Item 10.1.150
98 & 99	173	-	MISCELLANEOUS SEDIMENTATION BASIN CONCRETE CONSTRUCTION EXPANSION AND CONTRACTION (SAWCUT) JOINTS (PER DETAIL 5/BD3)	1,000	LF	Paid Per Item 10.1.150

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90	174	-	CONSTRUCT SEDIMENTATION BASIN SUBDRAIN OUTLET PIPE (6-INCH SOLID HDPE SDR 17)	200	LF	Paid Per Item 10.1.150	
95 & 136	175	-	CONSTRUCT SEDIMENTATION BASIN TYPE-B METAL HAND RAIL AND BULKHEAD STEPS PER SPPWC STD PLANS 606-4 AND 635-3	1	LS	Paid Per Item 10.1.150	
-	176	10.1.51	CONSTRUCT CONCRETE SEDIMENTATION BASIN 4B (INCLUDES ALL ITEMS IDENTIFIED BELOW AND THEIR CORRESPONDING APPURTENANCES RESPECTIVELY)	1	LS	\$ 1,393,000	\$ 1,393,000
81 & 101	177	-	CONSTRUCT SEDIMENTATION BASIN 6" SUBDRAIN (PER DETAIL 4/BD2) WITH CLEAN-OUT FLUSH WITH AC SURFACE AND TRAFFIC RATED VAULT AND LID	1,200	LF	Paid Per Item 10.1.151	
97	178	-	INSTALL DRAIN LINER WITH 8 OZ/SY GEOTEXTILE WRAP (PER DETAILS 4/BD1 AND 9/BD2)	1,450	LF	Paid Per Item 10.1.151	

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82	179	-	CONSTRUCT SEDIMENTATION BASIN FLOOR (PER DETAIL 1/BD1)	43,750	SF	Paid Per Item 10.1.151
83	180	-	CONSTRUCT SEDIMENTATION BASIN SLOPE (PER DETAIL 2/BD1)	2,700	SF	Paid Per Item 10.1.151
86	181	-	CONSTRUCT SEDIMENTATION BASIN SPILLWAY (PER DETAIL 6/BD1)	5,500	SF	Paid Per Item 10.1.151
100	182	-	CONSTRUCT SEDIMENTATION BASIN SLOPE TO FLOOR CONCRETE TRANSITION (PER DETAIL 4/BD1 AND 5/BD3)	885	LF	Paid Per Item 10.1.151
84	183	-	CONSTRUCT SEDIMENTATION BASIN TOP EDGE (PER DETAIL 2/BD1)	575	LF	Paid Per Item 10.1.151
85	184	-	CONSTRUCT SEDIMENTATION BASIN PERIMETER ROAD (PER DETAIL 3/BD1)	14,400	SF	Paid Per Item 10.1.151
106	185	-	CONSTRUCT SEDIMENTATION BASIN CONCRETE ACCESS RAMP (PER DETAIL 2/BD3)	2,575	SF	Paid Per Item 10.1.151

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87	186	-	CONSTRUCT SEDIMENTATION BASIN REINFORCED CONCRETE BULKHEAD RETAINING WALL (TYPE 6A) PER CALTRANS STD. B3- 7B AND (PER DETAILS 2/BD4 & 5/BD4)	2	EA	Paid Per Item 10.1.151
98 & 99	187	-	MISCELLANEOUS SEDIMENTATION BASIN CONCRETE CONSTRUCTION EXPANSION AND CONTRACTION (SAWCUT) JOINTS (PER DETAIL 5/BD3)	6,000	LF	Paid Per Item 10.1.151
90	188	-	CONSTRUCT SEDIMENTATION BASIN SUBDRAIN OUTLET PIPE (6-INCH SOLID HDPE SDR 17)	425	LF	Paid Per Item 10.1.151
95 & 136	189	-	CONSTRUCT SEDIMENTATION BASIN TYPE-B METAL HAND RAIL AND BULKHEAD STEPS PER SPPWC STD PLANS 606-4 AND 635-3	1	LS	Paid Per Item 10.1.151

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-	190	10.1.52	INSTALL SEDIMENTATION BASIN SKIMMER/SKIMMER SUPPORT/WINCH SYSTEM AND APPURTENANCES (INCLUDES ALL ITEMS IDENTIFIED BELOW AND THEIR CORRESPONDING APPURTENANCES RESPECTIVELY)	3	LS	\$ 139,000	\$ 417,000
88	191	-	INSTALL SEDIMENTATION BASIN 6-INCH FLEXIBLE PVC PIPE (PER DETAILS 1/BD4, 3/BD4, AND 1/BD5)	270	LF	Paid Per Item 10.1.153	
88	192	-	INSTALL SEDIMENTATION BASIN 6-INCH PVC PIPE (PER DETAILS 1/BD4, 3/BD4, AND 1/BD5)	90	LF	Paid Per Item 10.1.153	
96	193	-	INSTALL SEDIMENTATION BASIN WINCH STAND (PER DETAIL 4/BD4)	6	EA	Paid Per Item 10.1.153	
96	194	-	INSTALL SEDIMENTATION BASIN STAINLESS STEEL WINCH (PER DETAIL 4/BD4)	6	EA	Paid Per Item 10.1.153	

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89	195	-	INSTALL SEDIMENTATION BASIN STEEL SKIMMER SUPPORT FRAME (PER DETAILS 2/BD5 AND 3/BD5)	3	EA	Paid Per Item 10.1.153
89	196	-	CONSTRUCT SEDIMENTATION BASIN CONCRETE FOOTING FOR THE STEEL SKIMMER SUPPORT FRAME (PER DETAILS 2/BD5 AND 3/BD5)	6	EA	Paid Per Item 10.1.153
88	197	-	INSTALL SEDIMENTATION BASIN SKIMMER HANGING APPARATUS (PER DETAILS 1/BD4, 3/BD4, AND 1/BD5)	6	EA	Paid Per Item 10.1.153
96	198	-	INSTALL SEDIMENTATION BASIN 3/16-INCH STAINLESS STEEL WIRE ROPE (PER DETAIL 4/BD4)	6	LS	Paid Per Item 10.1.153
92	199	-	INSTALL SEDIMENTATION BASIN PIPE BOLLARD (PER DETAIL 10/BD2)	15	EA	Paid Per Item 10.1.153
88	200	-	INSTALL SEDIMENTATION BASIN 8-INCH FAIRCLOTH SKIMMER AND APPURTENANCES (PER DETAILS 1/BD4, 3/BD4, AND 1/BD5)	6	EA	Paid Per Item 10.1.153



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94	201	-	CONSTRUCT SEDIMENTATION BASIN 6-INCH SOLID HDPE SDR 17 WITH CLEAN OUT AND BUTTERFLY VALVE (PER DETAIL 4/BD3)	240	LF	Paid Per Item 10.1.153	
93 & 138	202	10.1.53	CONSTRUCT 24-INCH HDPE SDR 17 DISCHARGE PIPE; CONNECT TO 6-INCH SKIMMER DISCHARGE LINES WITH 6-INCH x 24- INCH SDR 17 HDPE FUSION WELDED SADDLE TEES (PER DETAILS 4/BD3 AND 5/BD4)	420	LF	\$ 71	\$ 29,820
45	203	10.1.54	CONSTRUCT DEBRIS POLE (PER DETAIL 6/D5)	8	EA	\$ 950	\$ 7,600
143	204	10.1.55	INSTALL MODIFIED INCLINED CHANNEL TRASH RACK PER SPPWC STD. PLAN 361-2	5	EA	\$ 9,100	\$ 45,500
109	205	10.2.1	78-INCH STEEL SLEEVE LINER AND GROUT FOR 84-INCH REINFORCED CONCRETE PIPE PER DETAILS ON SHEET 60	70	LF	\$ 3,050	\$ 213,500
110	206	10.2.2	45-INCH STEEL SLEEVE LINER AND GROUT FOR 48-INCH REINFORCED CONCRETE PIPE PER DETAILS ON SHEET 60	94	LF	\$ 1,750	\$ 164,500
<b>11.0 PAVING (RESERVED)</b>							

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38	207	11.0.1	4" AC OVER 6" CMB ACCESS ROAD (PER DETAIL 3/BD1)	13,000	SF	\$	6	\$	80,600
62	208	11.0.2	8" AC OVER 12" CMB OVER ACCESS ROAD WITH 12-OZ/SY GEOTEXTILE (PER DETAIL 1/D5)	150,000	SF	\$	8	\$	1,215,000
131	209	11.0.3	AC THICKENED EDGE - 12" BY 12" DEEP LIFT (PER DETAIL 9/BD1)	155	LF	\$	42	\$	6,510
61	210	11.0.4	6" CMB OVER 12- OZ/SY GEOTEXTILE ACCESS ROAD	13,400	SF	\$	2	\$	20,770
63	211	11.0.5	12" CMB OVER 12- OZ/SY GEOTEXTILE OPERATIONS ACCESS ROAD (PER DETAIL 4/D5)	255,000	SF	\$	2	\$	413,100
114	212	11.0.6	CONCRETE SPEED BUMP (PER DETAIL 10/D4)	170	LF	\$	215	\$	36,550
134	213	11.0.7	PAINT 4-INCH DOUBLE YELLOW LINE PER CALTRANS STD. PLAN A20A DETAIL 22	2,400	LF	\$	5	\$	12,480
135	214	11.0.8	PAINT 4-INCH WHITE EDGE LINE PER CALTRANS STD. PLAN A20B DETAIL 27B	5,000	LF	\$	3	\$	15,000
<b>12.0 HABITAT MITIGATION (RESERVED) - NOT USED</b>									
<b>13.0 MISCELLANEOUS CIVIL</b>									
76	215	13.1.1	CONCRETE BARRIER TYPE 60K PER CALTRANS STD. PLAN NO. A-63A	860	LF	\$	45	\$	38,700

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69	216	13.1.2	METAL BEAM GUARD RAIL PER CALTRANS STD. PLAN NO. A-77L1, A77M1, A77N1, A77N3, A77N4, A77U1, A77U2, & A77U3	4,300	LF	\$ 47	\$ 199,950
57	217	13.1.3	INSTALL DEAD END GUARD RAIL PER OCPWD STD PLAN 1401	3	EA	\$ 6,650	\$ 19,950
95	218	13.1.4	CONSTRUCT TYPE-B METAL HAND RAIL SPPWC STD PLAN 606-4	1,500	EA	\$ 182	\$ 273,000
107	219	13.1.5	MONITORING WELL/PIEZOMETER ABANDONMENT	5	EA	\$ 4,900	\$ 24,500
-	220	13.2.1	NEW WATER TANK REPLACEMENT (INCLUDES ALL CORRESPONDING APPURTENANCES)	2	EA	\$ 315,000	\$ 630,000
<b>14.0 STORM-WATER PROTECTION/EROSION CONTROL (RESERVED)</b>							
EC-1	221	14.0.1	HYDROSEEDING / MULCH	19	AC	\$ 4,750	\$ 90,250
EC-2	222	14.0.2	OPEN SPACE CONSERVATION EASEMENT HYDROSEEDING / MULCH	3.5	AC	\$ 4,350	\$ 15,225
EC-3	223	14.0.3	FIBER ROLLS (PER DETAILS 2/EC1 AND 3/EC1)	50,000	LF	\$ 3	\$ 140,000
EC-4	224	14.0.4	INSTALL GRAVEL BAG CHEVRON SET (PER DETAIL 1/EC1)	185	EA	\$ 50	\$ 9,250
<b>15.0 CONSTRUCTION SURVEY (RESERVED)</b>							
-	225	15.0.1	PROJECT SURVEY	1	LS	\$ 160,000	\$ 160,000

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21	226	15.0.2	SURVEY MONUMENT (PER DETAIL 7/D5)	1	EA	\$ 750	\$ 750
<b>16.0 CONTRACTOR/QA/QC (RESERVED) - NOT USED</b>							
<b>SPECIAL PROVISION SUBTOTAL</b>						<b>\$</b>	<b>75,381,536.00</b>
<b>17.0 ALLOWANCES</b>							
-	227	17.0.1	ALLOCATION FOR DIESEL FUEL PRICE ADJUSTMENT (DEL)	1	T&M	\$ 250,000	\$ 250,000
-	228	17.0.2	GEOSYNTHETICS RESIN PRICE ADJUSTMENT (DEL)	1	T&M	\$ 750,000	\$ 750,000
-	229	17.0.3	HDPE PIPE RESIN PRICE ADJUSTMENT (DEL)	1	T&M	\$ 500,000	\$ 500,000
-	230	17.0.4	SUPPLEMENTAL WORK (DEL)	1	T&M	\$ 1,500,000	\$ 1,500,000
<b>ALLOWANCES SUBTOTAL</b>						<b>\$</b>	<b>3,000,000.00</b>
<b>TOTAL BID AMOUNT</b>						<b>\$</b>	<b>88,206,536</b>

\*\*\*SIGNATURE PAGE FOLLOWS\*\*\*

**County of Orange, OC Public Works  
Sukut Construction, LLC**

**MA-299-24010124**

IN WITNESS WHEREOF, the parties hereto have executed this Contract on the dates opposite their respective signatures:

**SUKUT CONSTRUCTION, LLC**  
a California Corporation

Date: 8/9/2023

By: Eddie Juarez

Eddie Juarez Vice President  
Print Name & Title

*(If a corporation, the document must be signed by two corporate officers. The 1<sup>st</sup> must be either Chairman of the Board, President or any Vice President.)*

Date: 8/10/2023

By: Oren Post

Oren Post Chief Financial Officer  
Print Name & Title

*(If a corporation, the document must be signed by two corporate officers. The 2<sup>nd</sup> must be either an Assistant Secretary, Secretary, Assistant Treasurer or Chief Financial Officer.)*

**COUNTY OF ORANGE,**  
a political subdivision of the State of California

Date:

By: \_

Print  
Name: \_

Title: \_

**APPROVED AS TO FORM**  
Office of the County Counsel  
Orange County, California

By: Lauren Kramer  
Deputy

Date: 8/11/2023