

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

b26



FROM: Waste Management Department

SUBMITTAL DATE:
February 25, 2013

SUBJECT: Contract Award for the Construction of a Liner System within the Phase 2, Stage 4 area at the Lamb Canyon Sanitary Landfill

RECOMMENDED MOTION: That the Board of Supervisors:

1. Accept the bid submitted by Sukut Construction, Inc., in the amount of \$10,504,231.50 for the construction of a Liner System known as Phase 2, Stage 4 Expansion at the Lamb Canyon Sanitary Landfill; and
2. Authorize the Chairman to execute the Agreement on behalf of the Department.

BACKGROUND: On April 10, 2012, the Board approved the contract documents for the Construction of a Liner System within the Phase 2, Stage 4 area at the Lamb Canyon Sanitary Landfill and authorized the Department to advertise for bids. On February 20, 2013, a total of six (6) bids were received, with Sukut Construction, Inc. submitting the lowest bid in the amount of \$10,504,231.50. The engineer's estimate for this project was \$11,500,000.00. (continued)


Hans W. Kernkamp, General Manager-Chief Engineer

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 10,504,231.50	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ N/A	Budget Adjustment:	No
	Annual Net County Cost:	\$ N/A	For Fiscal Year:	12/13

SOURCE OF FUNDS: Waste Management Department Enterprise Funds	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE
BY: 
Alex Gann

County Executive Office Signature

FORM APPROVED BY COUNTY COUNSEL
BY:  DATE: 2/25/13
Departmental: KIPNIS

Dep't Recomm.: Consent Policy
Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.: 4/10/2012 (12.1) District: 5/5 Agenda Number: **12-2 C**

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Department staff has reviewed the submitted bids and determined that Sukut Construction, Inc. has the necessary experience and capability to construct the project, and County Counsel has determined that the bid documents are in order. A summary of the bids, along with the Contract Agreement between the County and Sukut, are attached herewith.

This project is budgeted in Fund 40200, Department ID - 4500100000.

PD#133211/v1

Lamb Canyon Sanitary Landfill

Phase 2 Stage 4 Liner System Construction

Bid Summary of bids received on February 20, 2013

	Contractor	Bid Amount
1	Sukut	\$ 10,504,231.50
2	Road Builders	\$ 10,740,262.00
3	Vance	\$ 11,495,733.00
4	Independent	\$ 12,057,868.35
5	ACI	\$ 12,290,335.80
6	Wood Brothers	\$ 12,591,629.80

AGREEMENT

THIS AGREEMENT is made as of _____ and is
between the COUNTY OF RIVERSIDE (County) and Sukut Construction, Inc.

(Contractor).

IT IS AGREED BY THE PARTIES AS FOLLOWS:

1. The Work. Contractor shall furnish all tools, equipment, apparatus, facilities, labor and material necessary to perform the work for the project, Liner System Construction within Phase 2, Stage 4 area at the Lamb Canyon Sanitary Landfill, in exact conformity with the Contract Documents, subject to such inspection as County deems appropriate.

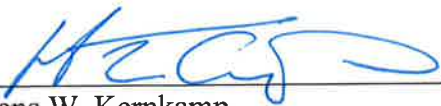
2. Contract Documents. The Contract Documents for the project are:

- (a) Notice to Contractors;
- (b) Instructions To Bidders;
- (c) Contractor's Proposal;
- (d) Agreement;
- (e) Bid Bond;
- (f) Performance Bond;
- (g) Payment Bond;
- (h) General Provisions;
- (i) Special Provisions for Liner System Construction Phase 2, Stage 4 at the Lamb Canyon Sanitary Landfill;
- (j) Appendix A - Construction Quality Assurance and Quality Control Plan;
- (k) Appendix B - Storm-Water Pollution Prevention Plan (SWPPP);
- (l) Appendix C - Storm Water Pollution Prevention and Hazardous Materials Management Inspection Forms
- (m) Appendix D - Environmentally Restricted Areas & Clean Water Act Permits;
- (n) Appendix E – SCAQMD Form 403-N & Rule 403 Dust Control Requirement Tables 2 and 3;
- (o) Appendix F – Existing 10,000-gallon Leachate Tank – Manufacturer Instructions & Shop Drawings;
- (p) Appendix G – Optional Offsite Dirt Haul Conditions;
- (q) Appendix H – Project Drawings;
- (r) Standard Specifications for Public Works Construction, 2012 Edition, with Amendments;
- (s) any other documents included in or incorporated into the Contract Documents;
- (t) Addenda Nos. 1, 2, 3, 4, 5;
- (u) orders, instructions, drawings and plans issued by County during the course of the work in accordance with the provisions of the Contract Documents.

Each of the above-mentioned documents presently in existence are by this reference incorporated into this Agreement and each of these documents not now in existence are incorporated herein as of the time of their issuance.

3. Contract Price - Payment. Exhibit A is attached to and incorporated into this Agreement and states the basis for full payment to Contractor. Contractor represents that it fully understands the payment method for the work.

RIVERSIDE COUNTY WASTE
MANAGEMENT DEPARTMENT
14310 Frederick Street
Moreno Valley, CA 92553

By: 
Hans W. Kernkamp
General Manager - Chief Engineer

COUNTY OF RIVERSIDE

FORM APPROVED COUNTY COUNSEL
BY: 
NEAL R. KIPNIS DATE 2/25/13

By: _____
Chairman, Board of Supervisors

ATTEST:

By: _____
Kecia Harper-Ihem, Clerk of the Board

By: _____
Deputy

(Seal)

SOKOT CONSTRUCTION, Inc.
Contractor

By: 

Name: DAVID GRATTAN

Title: Division President

(If corporation, attach corporate seal)

EXHIBIT A

(To Agreement for the Riverside County Waste Management Department Project, **Liner System Construction within Phase 2, Stage 4 area at the Lamb Canyon Sanitary Landfill**, located in Beaumont, Riverside County, California.)

It is understood that the quantities listed (except for those shown as “Final” or “Lump Sum (L.S.)”) are but estimates only and final payment will be based on actual quantities whatever they may be, subject to such adjustments and alterations as elsewhere provided for in the Contract Documents.

ITEM NO.	ITEM OF WORK	UNIT	QUANTITY	UNIT COST	TOTAL COST
1	Mobilization & Demobilization	L.S.	1	\$ 1,050,000.00	\$ 1,050,000.00
2	Storm Water Pollution Prevention & Hazardous Materials Management	L.S.	1	\$ 325,000.00	\$ 325,000.00
3	Supply and Install Fiber Roll BMP's	L.F.	25,000	\$ 2.10	\$ 52,500.00
4	Remove and Dispose or Salvage Miscellaneous Structures	L.S.	1	\$ 369,000.00	\$ 369,000.00
5	Earthwork (Excavation, Over-excavation & Stockpiling)	C.Y.	1,560,000	\$ 1.60	\$ 2,496,000.00
6	Engineered Fill @ 90% Relative Compaction	C.Y.	280,800	\$ 0.01	\$ 2,808.00
7	Engineered Fill @ 95% Relative Compaction	C.Y.	37,100	\$ 0.10	\$ 3,710.00
8	Construct Low-Permeability Layer	S.F.	471,900	\$ 0.49	\$ 231,231.00
9	Finished Subgrade Surface Preparation for Geosynthetics	S.F.	606,800	\$ 0.20	\$ 121,360.00
10	Excavate & Backfill Anchor Trench	L.F.	7,460	\$ 11.00	\$ 82,060.00
11	Furnish & Install GCL	S.F.	1,078,600	\$ 0.63	\$ 679,518.00
12	Furnish & Install 80-mil HDPE Liner (single-side textured) on Side Slopes	S.F.	585,050	\$ 0.80	\$ 468,040.00
13	Furnish & Install 80-mil HDPE Liner (double-side textured) on Side Slopes	S.F.	21,750	\$ 1.00	\$ 21,750.00
14	Furnish & Install 60-mil HDPE Liner (double-side textured) on Canyon Floor	S.F.	943,800	\$ 0.62	\$ 585,156.00
15	Furnish & Install 16 oz./sy Geotextile on Side Slopes	S.F.	606,800	\$ 0.38	\$ 230,584.00
16	Furnish & Install 12 oz./sy Geotextile on Canyon Floor	S.F.	471,900	\$ 0.28	\$ 132,132.00

17	Furnish & Install 8 oz./sy Geotextile on Canyon Floor	S.F.	471,900	\$ 0.22	\$ 103,818.00
18	Furnish & Install 8-mil Protective Membrane on Side Slopes	S.F.	405,400	\$ 0.36	\$ 145,944.00
19	Furnish & Install 20-mil LDPE Drainage Structure	S.F.	74,500	\$ 1.12	\$ 83,440.00
20	Furnish & Install LCRS 1/2-inch Gravel Drainage Layer in the LCRS Trenches and on Canyon Floor	S.F.	471,900	\$ 0.87	\$ 410,553.00
21	Furnish & Install LCRS 3" Solid HDPE Pipe	L.F.	475	\$ 12.00	\$ 5,700.00
22	Furnish & Install LCRS 4" Solid HDPE Pipe	L.F.	760	\$ 7.45	\$ 5,662.00
23	Furnish & Install LCRS 6" Solid HDPE Pipe	L.F.	540	\$ 15.20	\$ 8,208.00
24	Furnish & Install LCRS 6" Slotted HDPE Pipe	L.F.	1,075	\$ 13.00	\$ 13,975.00
25	Furnish & Install 8" CMP Sleeve	L.F.	160	\$ 43.00	\$ 6,880.00
26	Furnish, Install, and Maintain Temporary Leachate Storage System.	L.S.	1	\$ 37,200.00	\$ 37,200.00
27	Structural Design of Leachate and Condensate Containment Facility Including Construction Details	L.S.	1	\$ 11,000.00	\$ 11,000.00
28	Construct Leachate and Condensate Containment Facility	L.S.	1	\$ 292,000.00	\$ 292,000.00
29	Furnish & Install Two New 10,000 Gallon Storage Tanks, Piping, Valves, and Related Accessories	EA.	2	\$ 32,000.00	\$ 64,000.00
30	Relocate Existing 10,000 Gallon Leachate Tank and Related Accessories	L.S.	1	\$ 5,500.00	\$ 5,500.00
31	Screen and Place 3"-minus Protective Soil Material on Canyon Floor	S.F.	471,900	\$ 0.61	\$ 287,859.00
32	Screen and Place 1"-minus Protective Soil Material on Side Slopes and Benches	S.F.	174,100	\$ 1.39	\$ 241,999.00
33	Construct Landfill Access Ramp	C.Y.	14,500	\$ 0.37	\$ 5,365.00
34	Furnish & Install 12" Diameter HDPE Drainage Pipe	L.F.	320	\$ 53.00	\$ 16,960.00
35	Furnish & Install 18" Diameter HDPE Drainage Pipe	L.F.	80	\$ 95.00	\$ 7,600.00
36	Furnish & Install 24" Diameter HDPE Drainage Pipe	L.F.	120	\$ 75.00	\$ 9,000.00
37	Furnish & Install 30" Diameter HDPE Drainage Pipe	L.F.	900	\$ 115.00	\$ 103,500.00
38	Furnish & Install 36" Diameter HDPE Drainage Pipe	L.F.	480	\$ 85.00	\$ 40,800.00
39	Furnish & Install 42" Diameter HDPE Drainage Pipe	L.F.	560	\$ 108.00	\$ 60,480.00

40	Construct Asphalt Drainage Structures	S.F.	13,000	\$ 8.32	\$ 108,160.00
41	Construct Shotcrete Drainage Structures	S.F.	36,200	\$ 4.10	\$ 148,420.00
42	Construct Concrete Headwall Inlet.	EA.	2	\$ 19,500.00	\$ 39,000.00
43	Furnish & Install 36" CMP Drop Inlet	EA.	9	\$ 3,850.00	\$ 34,650.00
44	Construct Concrete Manhole Structures	EA.	5	\$ 7,700.00	\$ 38,500.00
45	Furnish & Install Precast Trough Inlet	EA.	2	\$ 12,500.00	\$ 25,000.00
46	Furnish & Install Metal Flume Down Drain	L.F.	580	\$ 22.00	\$ 12,760.00
47	Furnish & Install Metal Flume Inlet	EA.	5	\$ 767.00	\$ 3,835.00
48	Construct Concrete Energy Dissipater Impact Basin with Vertical Baffle Wall	EA.	1	\$ 88,000.00	\$ 88,000.00
49	Construct Grouted Rip-Rap	S.F.	8,050	\$ 10.00	\$ 80,500.00
50	Construct Concrete Strip Footing	L.F.	1,150	\$ 57.00	\$ 65,550.00
51	Furnish & Install Chain Link Fencing and Coir Mat	L.F.	275	\$ 38.00	\$ 10,450.00
52	Furnish & Install Gabion Baskets	EA.	30	\$ 436.00	\$ 13,080.00
53	Construct Basin Outlet and Spillway Structure	L.S.	1	\$ 97,000.00	\$ 97,000.00
54	Construct Asphalt Access Roadway, 3" Asphalt over 6" Class II Base	S.F.	1,775	\$ 5.10	\$ 9,052.50
55	Construct Asphalt Access Roadway, 6" Asphalt over 12" Class II Base	S.F.	64,500	\$ 4.53	\$ 292,185.00
56	Construct Roadway, 3" Class II Base over 6" Aggregate	S.F.	62,600	\$ 1.10	\$ 68,860.00
57	Construct Roadway, 6" Class II Base over 12" Aggregate	S.F.	27,100	\$ 1.67	\$ 45,257.00
58	Saw Cut, Remove and Replace 6" Asphalt Roadway Section at Various Locations	S.F.	5,000	\$ 6.07	\$ 30,350.00
59	Asphalt Roadway Rehabilitation	S.F.	22,000	\$ 9.42	\$ 207,240.00
60	Construct Asphalt Concrete Speed Bumps	L.F.	410	\$ 79.00	\$ 32,390.00

61	Construct Thermoplastic Striping	L.S.	1	\$ 20,000.00	\$ 20,000.00
62a	Relocate & Install Existing K-Rail Barriers	L.F.	2,000	\$ 35.00	\$ 70,000.00
62b	Relocate & Install Existing K-Rail Barriers	L.F.	900	\$ 13.00	\$ 11,700.00
63	Furnish & Install 8-ftx10-ft Steel Rumble Racks	EA.	20	\$ 5,140.00	\$ 102,800.00
64	Construct Earthen Berms	L.F.	5,200	\$ 6.00	\$ 31,200.00

TOTAL COST \$ 10,504,231.50