

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

617



**FROM:** Waste Management Department

**SUBMITTAL DATE:**  
October 13, 2011

**SUBJECT:** Construction of Landfill Gas Collection System Expansions for Fiscal Year 2011/2012 Through Fiscal Year 2013/2014 at the Badlands and Lamb Canyon Landfills

**RECOMMENDED MOTION:** That the Board:

1. Accept the bid submitted by Shaw Environmental, Inc. in the amount of \$788,255.00 for the Construction of Landfill Gas Collection System Expansions for Fiscal Year 2011/2012 through Fiscal Year 2013/2014 at the Badlands and Lamb Canyon Landfills; and
2. Authorize the Chairman to execute the Agreement on behalf of the Department.

**BACKGROUND:** The Board authorized the Waste Management Department (Department) to advertise for bids on July 12, 2011. On August 18, 2011 the Department opened bids for Construction of Landfill Gas Collection System Expansions for Fiscal Year 2011/2012 through Fiscal Year 2013/2014 at the Badlands and Lamb Canyon Landfills. The Department received four bids ranging from \$788,255.00 to \$918,592.50. The Engineer's estimate for this project is \$767,325.87. Shaw Environmental, Inc. submitted the lowest bid of \$788,255.00. The Department has determined that Shaw Environmental, Inc. has the necessary minimum experience and capability to perform this work in accordance with the contract documents. County Counsel has determined that the bid documents are in order.

Hans Kernkamp, General Manager-Chief Engineer

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 250,400.50	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ NA	Budget Adjustment:	No
	Annual Net County Cost:	\$ NA	For Fiscal Year:	FY2011/012

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

**C.E.O. RECOMMENDATION:**

APPROVE

BY:   
Michael R. Shetler

**County Executive Office Signature**

**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Stone, seconded by Supervisor Benoit and duly carried, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Buster, Stone and Benoit  
Nays: None  
Absent: Tavaglione and Ashley  
Date: November 1, 2011  
xc: Waste

Kecia Harper-Ihem  
Clerk of the Board  
By:   
Deputy

**Prev. Agn. Ref.:** 12.2 (7/12/11) | **District:** 5 | **Agenda Number:**

ATTACHMENTS FILED  
WITH THE CLERK OF THE BOARD

**12.2**

FORM APPROVED COUNTY COUNSEL  
BY: NEAL R. KIPNIS  
DATE: 10/13/11  
Departmental Concurrence

Dept's Recomm.:  Policy  Policy  
Per Exec. Ofc.:  Consent  Consent

## AGREEMENT

THIS AGREEMENT is made as of November 1, 2011 and is between the COUNTY OF RIVERSIDE (County) and Shaw Environmental, 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, Construction of Landfill Gas Collection System Expansions for Fiscal Year 2011/2012 through Fiscal Year 2013/2014 at the Badlands and Lamb Canyon Sanitary Landfills, 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;
  - (j) Appendix A – Project Drawings
  - (k) Appendix B – SCAQMD Permit to Operate (Digital Copy)
  - (l) Appendix C – Stormwater Pollution Prevention Plan (Digital Copy)
  - (m) Appendix D – Riverside County Hazardous Materials Business Emergency Plan (BEP) (Digital Copy)
  - (n) Appendix E – Riverside County Spill Prevention, Control, and Countermeasure (SPCC) Plans (Digital Copy)
  - (o) Standard Specifications for Public Works Construction, 1997 Edition, with Amendments;
  - (p) Any other documents included in or incorporated into the Contract Documents;
  - (q) Addenda Nos. 0 ;
  - (r) Orders, instructions, drawings and plans issued by County during the course of the work in accordance with the provisions of the Contract Documents.

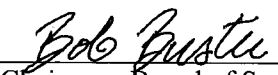
Each of the above-mentioned documents presently in existence are by this reference incorporated into this Agreement and each of these documents not now in existence are incorporated herein as of the time of their issuance.

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

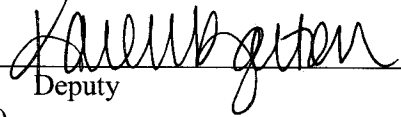
By:   
Hans W. Kernkamp  
General Manager - Chief Engineer

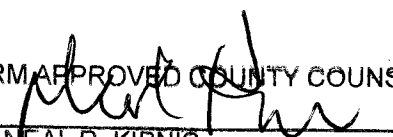
COUNTY OF RIVERSIDE

By:   
Chairman, Board of Supervisors  
**BOB BUSTER**


ATTEST:

Kecia Harper-Ihem, Clerk of the Board

By:   
Deputy  
(Seal)

FORM APPROVED COUNTY COUNSEL  
BY:   
NEAL R. KIPNIS DATE 10/13/11

Shaw Environmental, Inc.  
(Contractor)

By:   
Name: Stephen R. Martin  
Title: Division Manager  
(If corporation, attach corporate seal)

## EXHIBIT A

(To Agreement for the Riverside County Waste Management Department Project, Construction of Landfill Gas Collection System Expansions for Fiscal Year 2011/2012 through Fiscal Year 2013/2014, at the Badlands and Lamb Canyon Sanitary Landfills, located east of Moreno Valley and south of Beaumont, respectively, Riverside County, California.)

It is understood that the quantities listed (except for those shown as "Final" or "Lump Sum") 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
1.1	Mobilization for Horizontal Well Construction	EA	6	3,500.00	21,000.00
1.2	Mobilization for Vertical Well Construction	EA	6	5,500.00	33,000.00
1.3	Mobilization for Header and Lateral Pipe Install	EA	6	2,000.00	12,000.00
1.4	Mobilization for Relocating Header and Lateral Pipe	EA	6	2,000.00	12,000.00
2.	Trenching and Earthwork	LF	15,070	9.70	146,179.00
3.	Install Horizontal Well	LF	12,815	3.00	38,445.00
4.	Install Aggregate Pit	LS	14	400.00	5,600.00
5.	Drill and Install Vertical Gas Wells	LF	3,344	59.00	197,296.00
6.	Install 2" HDPE Pipe	LF	616	1.50	924.00
7.	Install 3" HDPE Lateral Pipe	LF	4,642	2.25	10,444.50
8.	Install 6" HDPE Lateral Pipe	LF	3,289	5.00	16,445.00
9.	Install 8" HDPE Header Pipe	LF	1,837	5.50	10,103.50
10.	Install 10" HDPE Header Pipe	LF	2,040	6.00	12,240.00
11.	Install 12" HDPE Header Pipe	LF	7,425	7.00	51,975.00
12.	Install 16" HDPE Header Pipe	LF	3,322	9.00	29,898.00
13.	Relocate 2" HDPE Pipe	LF	330	1.50	495.00
14.	Relocate 3" HDPE Lateral Pipe	LF	2,420	2.25	5,445.00
15.	Relocate 6" HDPE Header Pipe	LF	330	5.00	1,650.00
16.	Relocate 8" HDPE Header Pipe	LF	3,960	5.50	21,780.00
17.	Relocate 10" HDPE Header Pipe	LF	880	6.00	5,280.00
18.	Relocate 12" HDPE Header Pipe	LF	1,320	7.00	9,240.00
19.	Install or Relocate Well Monitoring Assembly	EA	71	65.00	4,615.00
20.	Install 8,750-Gallon Tank and Concrete Containment Structure	EA	1	28,000.00	28,000.00
21.	Install 12,500-Gallon Tank and Concrete Containment Structure	EA	2	35,500.00	71,000.00
22.	Demobilization	EA	24	1,800.00	43,200.00
<b>TOTAL \$</b>					<b>788,255.00</b>