

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

437



**FROM:** Waste Management Department

**SUBMITTAL DATE:**  
March 30, 2006

**SUBJECT:** Water Purchase Contract for the Anza Landfill Final Closure Construction Project.

**RECOMMENDED MOTION:** The Board authorize:

1. A water purchase contract (the Contract) between the County of Riverside Waste Management Department (Department) and Agri-Empire for the purchase of approximately 4.3 million gallons of water; and
2. The General Manager-Chief Engineer to execute the Contract for an amount not to exceed \$60,000.

**BACKGROUND:** In order to secure a viable source of construction water necessary to build the Anza Landfill cover system for final closure, the Department sought to contact established water sources in the greater Anza area. Unfortunately, the local area is not serviced by a large water district, but instead by smaller districts and private wells either unable or unwilling to provide the required daily and aggregate capacities for the project. Though larger districts in Hemet and Winchester possess the necessary capacities, the Department found their haul distances to the landfill to be cost prohibitive. (cont'd)

*[Signature]*  
Hans W. Kernkamp, General Manager-Chief Engineer

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 60,000	In Current Year Budget:	YES
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	NO
	Annual Net County Cost:	\$ 0	For Fiscal Year:	

<b>SOURCE OF FUNDS:</b> Waste Management Enterprise Fund	<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**

*[Signature]*

**County Executive Office Signature**

- Consent
- Policy
- Consent
- Policy

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

**Prev. Agn. Ref.:** NONE | **District:** 3 | **Agenda Number:**

**12 . 1**

FORM APPROVED  
COUNTY COUNSEL

APR 07 2006  
*[Signature]*

Departmental Concurrence

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MAY 11 11:35 AM '06

The Department conducted a preliminary investigation for securing a water source in August 2002 and learned that the Anza Village Market was interested in selling water to the Department at a price of \$0.025 per gallon from their source, located approximately 4.0 miles from the landfill property. Unfortunately, the 70 gallon per minute production rate at this source would require water to be drawn on nearly a 24-hour basis in order to provide the maximum daily quantity necessary for the project. Thus, the Department would be forced to obtain storage containers at an additional cost and store water each day until water trucks were able to haul to the landfill. Of greater consequence, the owner could not guarantee the source capacity necessary to provide the daily water quantity required for the estimated three-month project duration, which is projected to be as much as 90,000 gallons of water per day.

In late Fall 2005, the Department continued its search to locate potential water sources for the closure construction project based upon the 90,000 gallons of water per day estimate (4.3 million gallons or 13.2 acre-feet for the project duration). In December 2005, Agri-Empire (a local potato-farming company) confirmed their ability to supply daily and aggregate quantities of water and offered water to the Department at the price of \$40.00 per water truck load from their source located approximately 3.2 miles from the landfill property.

It was at this time that the Department redoubled its efforts to locate additional water sources in the area and published a Request for Quote (RFQ) for qualified vendors to supply water for this project. One other viable source for water was found during the RFQ process, resulting in a total of two entities responding to the RFQ prepared by the Department. Agri-Empire submitted the lowest unit-cost quote of \$0.010 per gallon in response to the RFQ, while the Great Western Water District, whose water source is located 0.8 miles further from the landfill than Agri-Empire, submitted a quote of \$0.023 per gallon. Attached to this Form 11 is the Department RFQ for Supply Water and the RFQ Bid Results.

Agri-Empire has stated their preference that the Agreement price be based on a water truck load count rather than a price per gallon basis for ease of quantity tracking. Their RFQ unit price of \$0.010 per gallon reflects their reasonable assumption that a 4,000-gallon water truck holds 4,000 gallons of water ( $\$40.00/\text{load} \div 4,000 \text{ gallons/load} = \$0.010 \text{ per gallon}$ ). The Department investigated the functioning capacity of this water truck type and found that it actually holds about 3,400 gallons. Thus, the de facto per gallon RFQ price from Agri-Empire is \$0.0118 ( $\$40.00/\text{load} \div \text{approximately } 3,400 \text{ gallons/truck}$ ), which still remains lower than the price quoted by Great Western Water District (\$0.023 per gallon). In addition, the Department will realize an additional haul cost savings of approximately \$8,000.00 as a result of the shorter Agri-Empire round trip delivery over the duration of the project and administrative savings due to the simplicity of load counts (random audits of meter readings will still be performed).

The Department anticipates the use of approximately 1,265 loads of water to haul 4.3 million gallons, which results in a total cost of approximately \$50,000.00, and believes that contingencies during construction will not require the use of more than an additional 20% of this estimated water quantity. Accordingly, the Department recommends that the Board authorize the General Manager-Chief Engineer to sign the Contract with Agri-Empire (copy attached) for an amount not to exceed \$60,000.

RI: rri  
PD# 39785-v1

Attachments: Agreement and Grant of License  
Department RFQ for Supply Water  
RFQ Bid Results