

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

531



**FROM:** Waste Management Department

**SUBMITTAL DATE:**  
April 11, 2012

**SUBJECT:** Leaded Glass Pick-Up and Recycling Services Sole Source

**RECOMMENDED MOTION:** That the Board of Supervisors authorize the Purchasing Agent to issue Purchase Orders to E-Recycling of California as the Sole Source qualified vendor for leaded glass pick-up and recycling for a period of up to three (3) years at an annual cost not to exceed \$100,000.00, which would be effective immediately, if approved.

**BACKGROUND:** The Purchasing Department issued a formal Request for Qualifications, RFQ # WMARC-173, for Leaded Glass Pick-Up and Recycling Services for the Lamb Canyon and Badlands landfills on behalf of the Waste Management Department (WMD) on November 1, 2011. One proposal was received on December 20, 2011, from E-Recycling of California, Inc. IMS Electronics submitted a non-qualifying quote on March 7, 2012, without the required proposal package for evaluation. Interest and questions were received from All Green Electronics Recycling and Cali Resources, but no proposal was submitted from either for evaluation. (continued)

*[Handwritten Signature]*

Hans W. Kernkamp, General Manager-Chief Engineer  
Waste Management Department

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 100,000	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:	2011/2012

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

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

**APPROVE**

BY: *[Handwritten Signature]*  
**Alex Gann**

**County Executive Office Signature**

- Policy
- Policy
- Consent
- Consent

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

Prev. Agn. Ref.: N/A

District: 5/5

Agenda Number:

**12.1**

The current market for cathode ray tube (CRT) glass has declined significantly worldwide in the last few years, which may be a contributing factor as to why fewer proposals have been received. In addition, the Department's Request for Qualifications included a provision that the vendor is prohibited from shipping whole CRTs out of the country. The CRTs must be processed within the United States (typically crushed and removal of the phosphor). Many CRT vendors currently utilize a facility located in Mexico to process their glass. The Department's requirement that the material is processed in the United States allows the Department to inspect the processing facilities for compliance with environmental and employee health and safety rules and regulations. In addition, by having the glass processed in the United States it is exported in a condition that allows it to be immediately used as a feed stock at glass recycling facilities without further processing, which reduces the possibility for the glass to be mismanaged in other countries.

In the event that another qualifying proposal is received, the Department will at that time review the facility's compliance record and cost effectiveness for consideration as a viable vendor for leaded glass recycling services.

**PRICE REASONABLENESS:** In 2009, 2010, and 2011 CRT leaded glass recycling fees were \$0.075, \$0.14, and \$0.12 per pound, respectively, not including freight charge. E-Recycling's current quote for CRT recycling is \$0.16 per pound with a freight charge of \$355.00 per load. IMS provided a cost sheet (without the required proposal package for evaluation). Their quote was \$0.13 per pound and a freight charge of \$789.00 per load. E-Recycling's price is reasonable considering the declining market for CRT leaded glass over the last few years. The Department's requirement to prohibit the exportation of whole CRTs or unprocessed CRT glass out of the country may also contribute to this cost increase.

*Riverside County*  
**Waste Management Department**

*Hans W. Kernkamp, General Manager-Chief Engineer*

Date: April 12, 2012

From: Hans Kernkamp, Chief Engineer-General Manager    **Department:** Waste Management

To: Board of Supervisors

Via: Melissa Fitter, Buyer I

Subject: **Sole Source Procurement; Request for Leaded Glass Pick-up and Recycling Services**

The information below is provided in support of the Waste Management Department requesting approval for a sole source. Outside of a duly declared emergency, the time to develop a statement of work or specifications is not in itself justification for sole source.

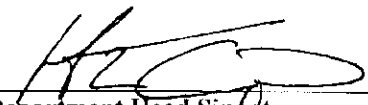
1. **Supply/Service being requested:** Leaded Glass Pick-up and Recycling Services
2. **Supplier being requested:** eRecycling of California, vendor code #89959
3. **Alternative suppliers that can or might be able to provide supply/service:** E World Recycling, IMS Electronics and Cali Resources
4. **Extent of market search conducted:** On November 1, 2011, a formal Request for Qualifications was posted via Central Purchasing – WMARC-173. This bid is currently open and is to remain so until October 1, 2012, to allow vendors to submit proposals to be qualified to pick-up and recycle leaded glass in accordance with CCR Title 22 Chapter 23 Article 7, 66273.75(a)(8) and Department requirements as noted in the bid.
5. **Unique features of the supply/service being requested from this supplier, which no alternative supplier can provide:** As of April 5, 2012, only one approved supplier submission has been received and passed evaluation.
6. **Reasons why my department requires these unique features and what benefit will accrue to the county:** To date, only one company has responded to the Request for Qualifications dated November 1, 2011. The Department is in need of leaded glass pick-up and recycling services in order to remove its leaded glass cathode ray tubes (CRT's) currently stored at its Badlands and Lamb Canyon landfills. Regulations limit storage to one year and the Department must begin shipping CRT's as soon as possible in order to stay in compliance with storage time limits as specified in regulations.

Although regulations allow for the export of these materials, the Department wishes to only allow for award of services to companies that process the materials in the United States so as to minimize the liability of the County. It has been widely publicized that shipment of this type of material to under-developed countries has created environmental and health hazards due to the uncontrolled manner in which these items are managed once they arrive in these countries. eRecycling of California processes the CRT's by separating the panel glass from the funnel glass, removing all internal electronics, crushing and washing the leaded glass through an abrasion process to remove the phosphor powder. The processed leaded glass is then exported as a commodity to a glass recycler. By having the glass processed prior to exportation, the likelihood that the glass will be mishandled is greatly reduced.

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[www.rivcowm.org](http://www.rivcowm.org)

7. **Price Reasonableness including purchase price and any ongoing maintenance or ancillary costs from the supplier:** In FY10/11 the Department identified CRT recycling fees ran between \$0.7 and \$0.18 per pound not including shipping. This company's current bid for CRT recycling is \$0.16 cents per pound and shipping at \$355 per load. Another vendor, IMS, provided a cost sheet but did not include the proper required proposal package for evaluation. IMS's quote was \$0.13 per pound and a freight charge of \$789.00 per load. The eRecycling price is reasonable considering the declining market for CRT leaded glass over the last few years and the difference in charges per load. The Department's requirement to prohibit the exportation of whole CRTs or unprocessed CRT glass out of the country may also contribute to the cost.
8. **Does moving forward on this product or service further obligate the county to future similar contractual arrangements or any ongoing costs affiliated with this sole source? (Maintenance, support, or upgrades, if so, please explain).** No
9. **Period of Performance:** Three (3) years from approval date at an annual cost not to exceed \$100,000.00.

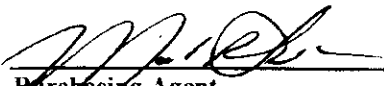
*(Provide a defined period of performance. Please note multi-year terms require Board approval, unless renewable in one year increments and the Purchasing Agent approves the terms.)*

  
 Department Head Signature 4/12/12  
Date

Purchasing Department Comments:

Approve Approve with Condition/s Disapprove

Not to exceed: \$ 100,000  One time  Annual Amount through 6-30-2015

  
 Purchasing Agent 4-11-12  
Date 12-482  
Approval Number  
(Reference on Purchasing Documents)