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## AGENDA COVER MEMO

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**DATE:** June 9<sup>th</sup>, 2004  
**TO:** Lane County Board of Commissioners  
**DEPARTMENT:** Public Works  
**PRESENTED BY:** Pete Chism, Waste Reduction Specialist  
Waste Management Division

**AGENDA ITEM TITLE: IN THE MATTER OF AWARDING A CONTRACT TO ST. VINCENT DE PAUL IN THE AMOUNT OF \$100,000 FOR MATTRESS RECOVERY SERVICES AT THE GLENWOOD CENTRAL RECEIVING STATION.**

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### I. MOTION

**MOVE APPROVAL OF AWARDING A CONTRACT TO ST. VINCENT DE PAUL IN THE AMOUNT OF \$100,000 FOR MATTRESS RECOVERY SERVICES AT THE GLENWOOD CENTRAL RECEIVING STATION.**

### II. ISSUE OR PROBLEM

Mattresses are a universal problem for landfill operators. Metal coil springs from the mattresses wrap around the axles of compactors and bulldozers causing damage to the equipment and worker injury. Equipment damage results in loss of compacting time on the landfill. In order to maximize the land allotted in Lane County for landfilling, increases in recycling and waste prevention will allow a more efficient use of Short Mountain landfill.

### III. DISCUSSION

#### A. Background

According to a study conducted by Lane County Waste Management staff in 1999, garbage without mattresses can be compacted to a size four times smaller than compacting only mattresses. Typically, when mattresses are landfilled at Short Mountain, they are dumped off in large quantities, from commercial generators.

In 2000, Lane County Waste Management analyzed this problem and due to the loss of landfill space, equipment damage and worker injury. As a result, the cost to landfill mattresses increased from \$45 per ton to \$75 per ton.

Lane County Waste Management now seeks to divert mattress material from disposal at Short Mountain Landfill and the Glenwood Central Receiving Station to a processor that will break down the materials into recycling and reuse markets.

Lane County is committed to providing the opportunity to recover mattresses to the citizens of the county. The Solid Waste Management Plan for Lane County outlines the need for a permanent mattress recovery system in Lane County. The Lane County Waste Management Plan was written by Lane County Staff and the Lane County Resource Recovery Advisory Committee.

In the Lane County Waste Management Solid Waste Plan, section 5.4.3 and 5.5, recommendations were established by the Lane County Resource Recovery Advisory Committee and Lane County Waste Management. The short term goals for Lane County include assistance and development of a mattress recovery system within the community.

**B. Analysis**

St. Vincent de Paul has been recovering materials from mattresses for over 4 years. St. Vincent de Paul's mattress recovery operation has three potential end of life processes for mattresses: Reusable mattresses, rebuildable mattresses and mattresses for deconstruction.

Deconstruction mattresses are stacked into two piles; box springs and mattresses. Each mattress is deconstructed, by hand, one piece at a time. Mattress materials consist of a polyfoam topper, polyfoam interior, cotton batt material, endurolator pad, steel springs and wood. The polyfoam material is sent to a recycler that recycles it into carpet padding, the cotton is used in making pet beds, and the metal springs and wood are recycled at a local scrap metal recycler.

The deconstruction project will result in the creation of 3 full-time jobs with St. Vincent de Paul.

St Vincent de Paul was the only proposer for the Mattress Recovery Services at the Glenwood Central Receiving Station RFP.

**C. Alternatives/Options**

The Board may approve or choose not to approve a contract to St. Vincent de Paul in the amount of \$100,000 for mattress recovery services at the Glenwood Central Receiving Station.

**D. Recommendation**

I recommend approval of the permanent recycling collection for electronic devices at the Glenwood Central Receiving Station.

**E. Timing**

None

**IV. IMPLEMENTATION/FOLLOW-UP**

None

**V. ATTACHMENTS**

Board order  
Recap sheet

IN THE BOARD OF COUNTY COMMISSIONERS OF LANE COUNTY, OREGON

ORDER NO.

) IN THE MATTER OF AWARDING A CONTRACT  
) TO ST. VINCENT DE PAUL IN THE AMOUNT OF  
) \$100,000 FOR MATTRESS RECOVERY SERVICES  
) AT THE GLENWOOD CENTRAL RECEIVING  
) STATION.

**WHEREAS**, mattresses are a problem for landfill operations at Short Mountain Landfill, resulting in equipment damage, worker injury and loss of landfill compaction.

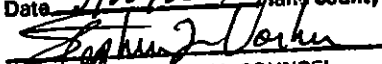
**WHEREAS**, the Lane County Resource Recovery Advisory Committee recommended Lane County provide additional options for recovery in order to meet the Oregon State mandate of 54% recovery of waste by 2009.

**WHEREAS**, the recovery collection program for mattresses offers increases in jobs, and available low or no cost mattresses to Lane County citizens in need and provides an additional material to recover to reduce landfill space.

**NOW THEREFORE IT IS HEREBY ORDERED**, that a contract in the amount of \$100,000 for mattress recovery services at Glenwood Central Receiving Station be awarded to St. Vincent de Paul that is consistent with the terms of the County's request for proposal (RFP # 04/05-03) and documents submitted by St. Vincent de Paul, and that the County Administrator be authorized to sign a contract that substantially conforms to this order.

Adopted this \_\_\_\_ day of June, 2004.

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Bobby Green  
Chair, Lane County Board of Commissioners

APPROVED AS TO FORM  
Date 5/28/2004 Lane County  
  
OFFICE OF LEGAL COUNSEL

