

W. G. E. I.

## AGENDA COVER MEMO

DATE: May 24, 2006  
TO: Lane County Board of Commissioners  
DEPT: Public Works/Waste Management Division  
PRESENTED BY: Dan Hurley, Senior Engineering Associate

AGENDA ITEM TITLE: ORDER/Awarding a Contract to Wilder Construction Company in the Amount of \$1,277,290 for Construction of an Exposed Geomembrane Cover for Phase I/II Closure at the Short Mountain Landfill and Authorizing the County Administrator to Execute the Contract, Contract #WM 05/06-12

### I. MOTION

MOVE APPROVAL OF ORDER AWARDING CONTRACT TO WILDER CONSTRUCTION COMPANY IN THE AMOUNT OF \$1,277,290 FOR CONSTRUCTION OF THE EXPOSED GEOMEMBRANE COVER AND AUTHORIZING THE COUNTY ADMINISTRATOR TO EXECUTE THE CONTRACT.

### II. ISSUE OR PROBLEM

Should Lane County award a contract for construction of an exposed geomembrane cover for Phase I/II Closure at the Short Mountain Landfill?

### III. DISCUSSION

#### A. Background

Lane County Public Works, Waste Management Division plans to construct a final cover on approximately 22 acres of the southern face of Short Mountain Landfill. This portion of the landfill is at final grade and will not receive additional waste. The Waste Management Division plans to construct a final cover in accordance with guidance from the Environmental Protection Agency. The final cover consists of: a 60-mil High Density Polyethylene geomembrane, a drainage layer, and 18 inches of cover soil. This contract will facilitate the construction of the geomembrane cover, drainage structures, and other associated construction. The geomembrane cover will remain exposed for one year. Placement of the cover soil will be part of a later contract, likely to occur in 2007.

Under the proposed contract, Wilder Construction Company will complete the following work:

- construct approximately 990,000 square feet of geomembrane and geocomposite drainage layer materials over previously prepared subgrade
- load, haul, placement, and compaction of earthfill above road benches
- supply and installation of geotextile cushion, geotextile separator, aggregate base rock, and ditch rock to construct approximately 5,500 lineal feet of bench roads
- supply and installation of 9 inlets and downdrain structures
- supply and installation of approximately 2,000 lineal feet of downdrain piping complete with soil cover and geotextile filter wrap
- Other incidental and itemized work as described in the plans and specifications

Closure of this section of the landfill will reduce the amount of precipitation entering the landfill, thus reducing the amount of leachate produced by the landfill. A permanent geomembrane cover will also reduce the amount of methane escaping from the landfill. It will also eliminate the need to replace the existing tarp cover that is due for replacement.

**B. Analysis**

Two bids were received on April 21, 2006.

Wilder Construction Company was the low bidder for the project with a bid of \$1,277,290.00.

Glacier Construction Services, Inc. submitted a bid of \$1,342,927.00.

The engineer's estimate for this project was \$1,300,000.

Funding for this project will be provided by the Closure subfund of the Solid Waste Fund.

Wilder Construction Company is a reputable construction company headquartered in Portland, Oregon. Wilder has completed major construction projects in the past at Short Mountain Landfill as well as other regional landfills. Wilder Construction Company will be subcontracting the geomembrane installation to Comanco Environmental Corporation. Comanco is a qualified liner installer with extensive experience. Comanco is headquartered in Reno, Nevada.

**C. Alternatives/Options**

The Board may elect not to award the contract. If no contract is awarded, Lane County will need to construct a final cover for this section of the landfill at a future date, the existing temporary tarp cover will need to be replaced (at a cost of approximately \$20,000), and leachate production will continue unabated.

**D. Recommendation**

Staff recommends that a contract for construction of the Exposed Geomembrane Cover for Phase I/II Closure at the Short Mountain Landfill be awarded to Wilder Construction Company, and that the County Administrator be authorized to execute the contract.

**E. Timing**

Upon award of the contract, staff will prepare the contract documents and deliver them to the contractor for execution.

**IV. ATTACHMENTS**

Board Order

IN THE BOARD OF COUNTY COMMISSIONERS OF LANE COUNTY, OREGON

ORDER NO.	)IN THE MATTER OF AWARDING A CONTRACT TO )WILDER CONSTRUCTION COMPANY FOR )CONSTRUCTION OF AN EXPOSED GEOMEMBRANE )COVER FOR PHASE I/II CLOSURE AT THE SHORT )MOUNTAIN LANDFILL AND AUTHORIZING THE )COUNTY ADMINISTRATOR TO EXECUTE THE )CONTRACT, CONTRACT #WM 05/06-12
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WHEREAS, Lane County has need for constructing a final cover on approximately 22 acres of the Short Mountain Landfill to meet the regulatory demands for environmental protection, and

WHEREAS, a Request for Bids was properly prepared and issued, and

WHEREAS, two bids were received and reviewed, and

WHEREAS, the low bidder was Wilder Construction Company, and


WHEREAS, the parties anticipate that each mutually agreed upon project will be memorialized in writing and processed as an amendment; and, NOW THEREFORE, BE IT HEREBY

ORDERED that Wilder Construction Company be awarded a contract for construction of an Exposed Geomembrane Cover for Phase I/II Closure at the Short Mountain Landfill, as defined in the Special Provisions and Supplemental Specifications for Contract No. WM05/06-12, the amount of \$1,277,290.00, and IT IS FURTHER

ORDERED that the County Administrator be authorized to execute a contract with Wilder Construction Company.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

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Chair, Lane County Board of Commissioners

APPROVED AS TO FORM Date <u>5-15-06</u> lane county  OFFICE OF LEGAL COUNSEL
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