

**RESOLUTION REGARDING THE INSTALLATION OF A  
LANDFILL CAP OVER A PORTION OF THE PHASE 1 ASH  
AREA AT THE HARTFORD LANDFILL**

**RESOLVED:** That the President is hereby authorized to execute an agreement with David G. Roach & Sons, Inc. to install a landfill cap over approximately 12 acres of the Phase 1 Ash Area at the Hartford Landfill, substantially as presented and discussed at this meeting.

**Connecticut Resources Recovery Authority  
Contract Summary for Contract  
Entitled**

**Hartford Landfill Phase 1 Ash Area  
Final Closure**

Presented to the CRRRA Board on: June 18, 2009

Vendor/ Contractor(s): David G. Roach & Sons, Inc.

Effective date: Upon Execution

Contract Type/Subject matter: Public Bid/Construction

Facility (ies) Affected: Hartford Landfill

Original Contract: None (this is initial contract)

Term: 150 days from Notice to Proceed

Contract Dollar Value: \$2,496,791

Amendment(s): Not Applicable

Term Extensions: Not Applicable

Scope of Services: Installation of approximately 12 acres of landfill cap in the Phase 1 Ash Area of the Hartford Landfill.

Other Pertinent Provisions: None

# **Connecticut Resources Recovery Authority Mid-Connecticut Project - Hartford Landfill Phase 1 Ash Area Final Closure**

*June 18, 2009*

## **Executive Summary**

Modification to Permit 064-4(L) requires CRRA to install a membrane cap over the Phase 1 Ash Area (“Ash Area”) of the Hartford Landfill upon the Ash Area reaching its final permitted grade. Approximately 7.2 acres was capped in 2008. The remaining 12 acre area is now ready for capping.

This is to request approval of the CRRA Board of Directors for the President to enter into an agreement with David G. Roach & Sons, Inc. (Roach) to install a landfill cap over approximately 12 acres of the Ash Area.

## **Discussion**

Until December 31, 2008, the Ash Area at the Hartford Landfill received ash residue from the combustion of refuse-derived fuel at the Mid-Connecticut Resource Recovery Facility. Ash deliveries ceased on that date in accordance with the Modification to Permit to Construct No. SW 064-5-L and Permit to Operate No. 064-4-L-O dated March 29, 2007.

The final cap will consist of a state-of-the-art Linear Low Density Polyethylene (LLDPE) impervious membrane with associated drainage features to prevent the infiltration of rain water into the ash monocell. Additionally, the cap will include geotextile fabric, drainage piping, and soil layers to protect the membrane and promote drainage and vegetative growth. The Construction Drawings, Technical Specifications, and Construction Quality Assurance Plan for the project were provided by TRC.

CRRA advertised the project for public bid in the following publications on Sunday, March 15, or the next published edition:

Hartford Courant  
Manchester Journal Inquirer  
Connecticut Post  
New Haven Register  
LaVoz Hispania de Connecticut  
Northeast Minority News

The project was also posted on the CRRA and the State of Connecticut DAS websites and the following publications were provided with a copy of the Bid Notice:

On March 25, 2009, thirty-six persons attended the mandatory pre-bid meeting at the Hartford Landfill.

A total of sixteen sealed bids were received until 3:00 pm on April 21, 2009. At 3:30pm that day the bids were opened. A list of the bidders and their associated bid prices is presented in the table below along with TRC's estimated project cost.

BIDDER	BID PRICE
David G. Roach & Sons, Inc.	\$2,496,791.00
Botticello, Inc.	\$2,581,245.30
E. T. & L. Corp.	\$2,597,868.00
J. Bates & Sons, LLC	\$2,833,082.50
Laureiro Contractors, Inc.	\$2,837,000.00
Manafort Brothers, Inc.	\$2,880,459.00
O & G Industries	\$2,962,000.00
R. Bates & Sons, Inc.	\$2,966,100.00
Ralph Computaro & Sons Excavating, Inc.	\$3,003,225.00
Mather Corporation	\$3,103,000.00
True Blue Environmental Services	\$3,312,727.00
Cherry Hill Construction	\$3,342,700.00
Supreme Industries, Inc.	\$3,576,000.00
Stamford Wrecking Co.	\$3,589,305.72
C. J. Fucci Construction Co.	\$3,739,995.00
Mactec Development Corp.	\$4,895,153.00
T R C Estimate	\$3,224,673.00

Due to the large number of bids, and the price distribution of the bids, the detailed review of the bids was limited to the three low bidders. Each of the bids from the three low bidders was found to be administratively complete. Pursuant to its engineering agreement with CRRA, TRC reviewed the bid pricing of each of the forty lumps sum and three unit price items within the bid. CRRA staff also reviewed the bid pricing of each of the bid items. Based on those reviews, both CRRA staff and TRC noted two bid items, "Ash Relocation and Regrading" and "Cover Soil – Supply" in the Roach bid that required further confirmation by the bidder. On April 28, 2009, CRRA staff and TRC interviewed Roach at CRRA headquarters regarding its bid in general and these items in

particular. Subsequent to this interview and ensuing communications, Roach provided CRRA written confirmation of all of its bid pricing.

As an added measure of due diligence, CRRA staff directed TRC to accompany Roach to its soil suppliers and obtain samples of the proposed soil materials for the project. Those samples were delivered by TRC to laboratories for physical and chemical testing. Based on the results received to date on that testing, the soil materials proposed by Roach appear to meet the project specifications.

CRRA staff also checked the references provided by Roach. Staff spoke with three references, each of whom confirmed that Roach has the capability to complete such work. Comments received from the references included: “I highly recommend them”; “They are reasonable on change orders”; “They did a good job, I would recommend them”.

Background information provided with the bid indicates Roach has adequate experience in the construction industry in general and landfill projects in particular. The company was founded in 1992 and has been working on environmental projects such as landfill caps since its inception. In fact, Roach has completed over twenty projects involving landfills. Roach has a bonding capacity of \$5,000,000 on individual projects and an aggregate capacity of \$15,000,000.

After careful review of the bid price submitted by the low bidder, Roach, by both TRC and CRRA environmental staff, and after interviewing Roach, checking references and experience, and performing due diligence on its proposed soil material sources, CRRA environmental staff recommend award of the bid to Roach.

**Financial Summary**

The table below lists the bids of the three low bidders from lowest to highest, along with an Engineer’s Estimate of the project cost provided by TRC.

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Botticello, Inc.	\$2,581,245.30
E. T. & L. Corp.	\$2,597,868.00
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This project complies with the State of Connecticut Prevailing Wage Law administered by the Wage and Workplace Standards Division of the Department of Labor.

This activity was contemplated when the FY 2010 capital budget was developed. There are adequate funds in the Hartford Landfill Closure Reserve account for this project.