

 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b> September 13, 2010
	<b>Agenda Item No.</b> 45D <b>Roll Call No.</b> <u>10-1485</u> <b>Communication No.</b> <u>10-552</u> <b>Submitted by:</b> William G. Stowe, Assistant City Manager—Public Works Director

**AGENDA HEADING:**

2010/2011 Deicer Chemical Contract for Snow and Ice Control Operations.

**SYNOPSIS:**

The Department of Public Works has joined with six other public agencies in a combined bid for deicing chemicals for the 2010-11 snow and ice control season. Sixteen bid packages were mailed, and eight bids were received. Jerico Services (John Marshall, General Manager, 1506 N. 14<sup>th</sup> St., Indianola, IA 50215) was the low bidder for calcium chloride, at a cost of \$0.65 per gallon delivered. This is a decrease of 11 percent from the delivered cost of \$0.725 for the 2009-10 snow and ice control season. Staff recommends approval to purchase up to 50,000 gallons over the course of the winter months as needed, at \$0.65 per gallon delivered, for a total of \$32,500.

Smith Fertilizer and Grain (Galen Smith, General Manager, 1650 Quebec St., Knoxville, IA 50138) was the low bidder for Geomelt, at a cost of \$1.13 per gallon delivered. This is a decrease of 16 percent from the delivered cost of \$1.34 for the 2009-10 snow and ice control season. Staff recommends approval to purchase up to 20,000 gallons of Geomelt over the course of the winter months as needed, at \$1.13 per gallon delivered, for a total of \$22,600.

**FISCAL IMPACT:**

Amount: \$55,100.

Funding Source: FY 2010-11 Public Works Department Operating Budget, Fund SP360, Org PWK040400, Street Maintenance Fund, page 278.

**ADDITIONAL INFORMATION:**

Geomelt is a sugar beet-based agricultural product that is mixed with salt brine for anti-icing operations. Pure liquid salt brine can be used for anti-icing operations until the temperature reaches 20°F. With the addition of Geomelt, the blended product can be applied for anti-icing until the pavement temperature reaches 0°F.

Calcium chloride is delivered pre-mixed and is used as a stand-alone product for anti-icing operations. Calcium chloride may be applied when pavement temperatures dip below 0°F.

The Department of Public Works uses these chemicals during snow and ice control operations.

**PREVIOUS COUNCIL ACTION(S):**

Date: June 8, 2009

Roll Call Number: 09-1010

Action: [Jerico](#) Services and Smith Fertilizer and Grain for joint purchase along with the cities of West Des Moines, Waukee and Johnston, and Polk and Dallas Counties for deicing chemicals for use by the Public Works Department, estimated cost \$56,130. (Thirteen bids mailed, three received). ([Council Communication No. 09-394](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

Date: July 14, 2008

Roll Call Number: 08-1225

Action: [Jerico](#) Services and Smith Fertilizer and Grain for deicing chemicals to be used by Public Works, Street Maintenance Division (cooperative effort with West Des Moines and Waukee), estimated cost \$48,115.50. (Thirteen bids mailed, three received.) ([Council Communication No. 08-412](#)) Moved by Mahaffey to adopt. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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