



# Council Communication

Office of the City Manager

Date July 14, 2008

Agenda Item No. 53A  
Roll Call No. 08-  
Communication No. 08-412  
Submitted by: William G. Stowe, Assistant City  
Manager/Public Works/Engineering

## AGENDA HEADING:

2008/2009 Deicer Chemical Contract for Snow and Ice Control Operations

## SYNOPSIS:

Recommend approval of the 2008/2009 Deicer Chemical Contract with Jerico Services (John Marshall, General Manager, 1506 N. 14<sup>th</sup> St., Indianola, IA 50215) for calcium chloride and with Smith Fertilizer and Grain (Galen Smith, General Manager, 1650 Quebec St., Knoxville, IA 50138) for Geomelt. The Public Works Department uses these chemicals during snow and ice control operations.

## FISCAL IMPACT:

Amount: \$48,115.50.

Funding Source: 2008-09 Operating Budget, page 314, Road Use Tax Fund/Street Maintenance Fund SP360/PWK040400

## ADDITIONAL INFORMATION:

The Public Works Department has joined with three other public agencies in a combined bid for deicing chemicals for the 2008-09 snow and ice control season. Thirteen bid packages were mailed, and three bids were received. Jerico Services was the low bidder for calcium chloride, at a cost of \$0.659 per gallon delivered. This is an increase of 22 percent from the delivered cost of \$0.541 for the 2007-08 snow and ice control season. Staff recommends approval to purchase up to 29,500 gallons over the course of the winter months as needed, at \$0.659 per gallon, for a total of \$19,440.50.

Smith Fertilizer and Grain was the low bidder for Geomelt at a cost of \$1.55 per gallon delivered. This is an increase of 7 percent from the delivered cost of \$1.45 for the 2007-08 snow and ice control season. Staff recommends approval to purchase up to 18,500 gallons of Geomelt over the course of the winter months as needed, at \$1.55 per gallon, for a total of \$28,675.

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.

**PREVIOUS COUNCIL ACTION(S): NONE**

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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