

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: June 27, 2016
	Agenda Item No. 48B Roll Call No. <u>16-1066</u> Communication No. <u>16-332</u> Submitted by: Jonathan A. Gano, P.E., Public Works Director

AGENDA HEADING:

Approve procurement of de-icing chemicals for the 2016-2017 snow and ice control season.

SYNOPSIS:

The Department of Public Works has joined with five (5) other public agencies in a combined bid for deicing chemicals for the 2016-2017 snow and ice control season. In 2016, 17 bid packages were mailed, and the City received six (6). Jerico Services (John Marshall, General Manager, 1506 N. 14th Street, Indianola, Iowa 50215) was the low bidder for calcium chloride, at a cost of \$0.78 per gallon delivered. Staff recommends approval to purchase up to 50,000 gallons over the course of the winter months as needed, at \$0.78 per gallon delivered, for a total of \$39,000.

Smith Fertilizer and Grain (Max Smith, President, 1650 Quebec Street, Knoxville, IA 50138) was the low bidder for Geomelt, at a cost of \$1.18 per gallon delivered. Staff recommends approval to purchase up to 70,000 gallons of Geomelt over the course of the winter months as necessary at \$1.18 per gallon delivered for a total of \$82,600.

FISCAL IMPACT:

Amount: \$121,600

Funding Source: Fiscal Year (FY) 2016-2017 Public Works Operating Budget, PW240402, Street Maintenance Fund, page 234.

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 degrees Fahrenheit. With the addition of Geomelt, the blended product can be applied for anti-icing until the pavement temperature reaches five (5) degrees Fahrenheit.

Calcium Chloride is delivered pre-mixed and used as a stand-alone product for anti-icing operations. Calcium chloride may be applied when pavement temperatures dip below zero degrees Fahrenheit.

The Department of Public Works uses these chemicals during snow and ice control operations as anti-icing and de-icing agents for the safety of motorists.

PREVIOUS COUNCIL ACTION(S):

Date: July 27, 2015

Roll Call Number: [15-1265](#)

Action: [Smith](#) Fertilizer (Max Smith, President) for joint purchase along with the cities of West Des Moines, Waukee, Johnston and Windsor Heights, and Dallas County for an annual agreement with two (2) additional one-year renewal options to furnish deicing chemicals for use by the Public Works Department, estimated annual amount \$121,200. (Seventeen (17) potential bidders, five received). ([Council Communication No. 15-398](#)) Moved by Gatto to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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