


# COUNCIL COMMUNICATION

	Number:	<b>25-089</b>	Meeting:	<b>March 10, 2025</b>
	Agenda Item:	<b>28</b>	Roll Call:	<b>25-0360</b>
	Submitted by:	<b>Nickolas Schaul, Finance Director</b>		

## AGENDA HEADING:

Approving the purchase and installation of three (3) direct application liquid with granular spreaders for three (3) existing City of Des Moines snow removal trucks for use by the Streets Division in the Department of Public Works.

## SYNOPSIS:

Recommend approval to purchase and install three (3) direct application liquid with granular spreaders on three (3) existing City of Des Moines snow removal trucks used by the Streets Division in the Public Works Department.

Per Sourcewell Contract No. 031423-HPI with Henderson Products, Inc. (916 S. 10th Street, Manchester, IA 52057; Ryan Burkle, Regional Sales Representative) in the amount of \$115,235 for the purchase and installation of three (3) direct application liquid with granular spreaders on (3) existing City of Des Moines snow removal trucks.

## FISCAL IMPACT:

Amount: \$115,235

Funding Source: Fiscal Year (FY) 2024-2025 Operating Budget, Page 94, Equipment Replacement Fund, Road Use Tax Public Works

## ADDITIONAL INFORMATION:

The requested items will replace three (3) existing granular only spreaders.

Public Works performed an assessment and determined direct application liquid with granular spreader devices offers two (2) distinct advantages over existing standard granular spreaders currently in use by the City of Des Moines.

First, granular salt introduced with a brine solution is more effective than granular salt alone because the damp granular salt sticks to the intended road surface. However, dry salt alone tends to move to the edge of the road surface as traffic moves along the roadway. The brine infused salt also reduces the total amount of salt required to treat road surfaces during winter storm operations.

Second, all three (3) upfittings provide digital monitoring for the amount of liquid and the amount of granular material applied similar to existing Department of Transportation (DOT) equipment in use. This feature allows Public Works to monitor material use and adjust the liquid/granular concentrations to maximize the application benefit and reduce unnecessary salt use/waste, thereby providing cost avoidance for the City of Des Moines.

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

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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