


COUNCIL COMMUNICATION

 <p>CITY OF DES MOINES OFFICE OF THE CITY MANAGER</p>	Number:	18-601	Meeting:	11/19/2018
	Agenda Item:	29A	Roll Call:	18-1916
	Submitted by:	Bob Fagen, Finance Director		

AGENDA HEADING:

Approving the purchase of an asphalt recycler as an addition to the fleet for use by the Street Maintenance Division of the Department of Public Works.

SYNOPSIS:

Recommend approval to purchase an asphalt recycler for use by the Street Maintenance Division of the Department of Public works utilizing the State of Minnesota Department of Transportation purchasing contract number 137237 from Towmaster Truck Equipment, 61381 Highway 12, Litchfield, MN 55355, (Dave Quade, President) in the amount of \$77,680.

FISCAL IMPACT:

Amount: \$77,680

Funding Source: 2018-2019 Operating Budget, page 42, I201, Equipment Replacement

ADDITIONAL INFORMATION:

- During the course of asphalt patching and overlay operations in the Department of Public Works, it is not possible to calculate and order the precise amount of asphalt necessary for a project. Currently, any excess asphalt is disposed of at the asphalt plant to be recycled, with no cost benefit to the City.
- The addition of an asphalt recycler to the fleet will allow works crews to stockpile excess asphalt at the Public Works supply yard for use in the recycler. This will reduce the reliance on cold mix asphalt product which costs \$148 per ton. The cost of the stockpiled hot mix asphalt is \$65 per ton and it would have been waste material from the original project; therefore, there is no additional material cost associated for use in the recycler.
- The use of a recycler in the pothole patching operations has reduced the annual purchase of cold mix asphalt from 1,000 tons to 500 tons; an annual savings of \$74,000. The addition of this equipment will also allow Public Works to use hot mix asphalt during the winter months when the plants are closed to patch large streets cuts, which in the past would require a plate until the hot mix asphalt plants reopen in the spring.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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