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DEPARTMENT OF PUBLIC WORKS

Operations Division

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MEMO

To: CEA Review Committee

From: Nate Loper, Deputy Director of Public Works

Date: September 13, 2016

Subject: Request to add trailer liner as accessory to semi-trailer #50

The Department of Public Works is requesting approval to add a plastic liner to the sanitation semi-trailer #50. The semi-trailer was purchased in 2012 and is not scheduled for replacement until 2024. The trailer is primarily used for hauling snow, leaves and brush.

Early in 2016 this semi-trailer tipped over while snow was being dumped from the box. Fortunately nobody was seriously injured, however, the trailer sustained significant damage. After a thorough post-accident investigation, the cause of the accident was determined to be snow not releasing (dumping) from the top of the trailer, causing the trailer to become very top heavy and tipping over.

After this accident we assembled a team to review the accident and identify ways to prevent this type of accident from happening again. After much discussion and research, the team determined that adding a plastic liner to the trailer and coating it with a release agent would greatly improve how the snow releases from the trailer and help prevent this dangerous situation from recurring.

We obtained two (2) quotes for the purchase and installation of the trailer liner. The quoted liner is a 3/8 inch thick Ultra High Molecular-Weight Polyethylene (UHMW-PE) that is imbedded with release agents to make the surface slippery. The liner will be bolted down and cover the entire trailer bottom and 18" of each side wall. The following is a summary of the submitted quotes for each company. We plan to purchase the liner from Badger Plastics.

Badger Plastics	-	\$ 4,020.00
Horn Plastics	-	\$ 4,195.00

Per CEA Policy, anyone requesting an "add-on" or "accessory" item must obtain CEA approval and also fund the item. Therefore, the Department of Public Works is requesting approval to add the UHMW-PE liner to the sanitation semi-trailer #50, with funds from the 2016 sanitation budget. This funding will be accomplished by underspending another sanitation account to offset the cost of the liner.

Thank you for your consideration.