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**APPLETON FIRE DEPARTMENT
700 N. DREW STREET
APPLETON, WI 54911**

MEMORANDUM

To: Alderperson Kyle Loebner, Safety and Licensing Committee
Members of the Common Council

From: Len Vander Wyst, Fire Chief

Date: 12/6/2016

Re: Recommendation for the Purchase of Class B Firefighting Foam for the WEM Grant

The Appleton Fire Department received authorization for grant funding from Wisconsin Emergency Management to purchase and be a regional foam cache for Class B (flammable/combustible liquids) firefighting foam. After conducting research and requesting quotes on the best foam (environmental impact, shelf life, compatability, etc.) for our situation, the following is the department's recommendation:

Solberg 3x3 Freeze Protected Class B Foam

- Combination of 5-gallon pails and 55-gallon drums
- Forty 5-gallon pails
- Twenty 55-gallon drums
- Total: 1,500 gallons of foam
- Cost: \$128.15 per 5-gallon pail, \$1,203.53 per 55-gallon drum Total: \$34,322.60

A grant modification is being submitted to allow the remaining funds to be utilized to purchase two trailers and two master stream foam nozzles with eductors. The trailers will be utilized to transport the foam and the nozzles provide the capability to apply the foam at larger flow rates.

W.S. Darley & Co. is the designated regional sales vendor for Solberg foam. Darley and other vendors (Airgas, Fire Safety USA) quoted Ansul, Chemguard, and Ansulite foam. Five-gallon pails ranged from \$140.80 to \$260.00 per pail. The department is requesting the purchase of the Solberg foam from W.S. Darley for approximately \$35,000.