



## KENAI PENINSULA BOROUGH

### Grant Management

#### MEMORANDUM

**TO:** Kelly Cooper, Assembly President  
Members of the Kenai Peninsula Assembly

**THRU:** Mike Navarre, Mayor *mn*  
Craig Chapman, Finance Director *cchapman*  
Brenda Ahlberg, Community & Fiscal Projects Manager *BA*  
Max Best, Planning Director *MB*  
Chris Clough, GIS Manager *CC*

**FROM:** Roberta Lay, GIS Specialist *RL*

**DATE:** March 23, 2017

**SUBJECT:** Ordinance 2016-19- 33 Approving and Appropriating a Grant in the Amount of \$15,500 from the State of Alaska Division of Homeland Security and Emergency Management to Purchase Geographic Information System Software (Mayor)

The Hazard Mitigation Grant Program ("HMGP") is a federal pass-through program approved through Federal Emergency Management Assistance and administered by the Alaska Division of Homeland Security and Emergency Management. The purpose of the HMGP program is to help communities implement hazard mitigation measures following a Presidential major disaster declaration.

The borough applied for and received notification of funding to purchase geographic information system "GIS") software that evaluate land cover data and derivative hazard and risk information. Such data is a vital component for evaluating land cover during wildland fire or flood response operations. Additionally, updating the GIS land cover data may be used to substantiate mitigation projects to be completed under the FEMA public assistance program.

Borough GIS personnel have tested and determined specific software that can delineate highly accurate and precise land cover types. This software will draw from light detection and ranging ("LiDAR") and high-resolution imagery datasets to update the land cover information. Output data will not only include information related to hazardous fuels, but also hydrologic features, structure locations and building footprints, impervious surfaces and transportation infrastructure, as well as other layers of clear benefit to the mitigation of multiple risks.

Roberta Lay, GIS Specialist, will be the project manager. Performance period ends September 30, 2018. Award notification is attached.

FINANCE DEPARTMENT  
FUNDS/ACCOUNT VERIFIED

Acct. No.: 271.11232.42444.49999

Amount N/A

By: RL Date: 3/22/17