

MEMORANDUM
Police Department

TO: Mr. John Phillips, City Manager

SUBJECT: Approval of Purchase Over \$5,000
RE: Police / Fire Radio Base Station

NUMBER: 038-11
DATE: 05-31-11

In December 2004, the Federal Communications Commission mandated that all private Land Mobile Radio (LMR) users operating below 512 MHz move to 12.5 kHz narrowband voice channels by January 1, 2013. Private LMR systems - including municipal government, state and local public safety systems - use blocks of radio spectrum called channels. This move will increase spectrum efficiency and double the number of radio channels available.

Police / Fire must replace two base stations to be in compliance with this mandate. The Police base station is the primary 110 watt transmitter for Police, the Fire base station is a 50 watt radio for the fire ground frequency. Due to the fact these pieces of equipment are a part of the Public Safety radio system maintained by GEM Electronics this is a sole source bid.

We have received a 50% matching funds grant from the Illinois Emergency Management Agency and will be reimbursed \$4,450.00 of this purchase.

Harris MASTR III 110 watt base station.	7,400.00
Kenwood TKR750 50 watt FIRE GROUND base station.	1,500.00

RECOMMENDATION:

I recommend that the City Council authorize the purchase of this radio equipment from GEM Electronics in the amount of 8,900.00

SUBMITTED BY:


Wayne L. Sharer
911 Communications Supervisor

APPROVED:


Scott D. Harris
Chief of Police

APPROVED: Mr. John Phillips
City Manager

CC: Wayne Sharer