



**To:** Patricia Abbott, Intern Town Manager  
**From:** Mark Hajduk, Fire Chief/EMA Director

**Re:** Lightning Detection System

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### **Background**

The Town of Munster has utilized the Thor guard Lightning Detection Systems for over 24 years. These systems give warnings of lightning in the area, to warn anyone in any parks within the town, of lightning in the area.

Over time, we had to replace some units and repair others. The current system is a very antiquated system that has a lot of major issues and is no longer supported by Thor guard.

The new Thor guard TG360 is the newest model. This upgraded system warns of lightning in the area, along with prediction of lightning. The main units also are integrated with Davis weather stations. Which will allow the Town of Munster to have Real time weather data for all sections of town.

The cost to refit ALL current locations with the new system will be \$172,755.00.

This price does reflect a \$2,500.00 trade in credit for all of the old system. Also included in this price is a 1 year software maintenance service for each sensor.

\$90,000.00 will be paid from GO Bond 4413-9152124-64422, and \$82,755.00 paid from CCD 4402-91501-64422 Funds.

\*See attached quote \*

### **Recommendation .**

By motion and roll call vote, allow the Fire Chief/EMA director Mark Hajduk to sign the attached Quote from Thor Guard in the amount of \$172,755.00 to be paid from GO Bond and CCD Funds.