

From: [MacDonald, Scot](#)
To: [Call, Rosemarie](#)
Cc: [Gloster, Earl](#); [Pittman, John](#)
Subject: Question Response
Date: Tuesday, February 16, 2016 12:56:01 PM

Good Afternoon,

Councilman Jonson asked for a brief explanation of the P25 system and the reason why we are upgrading our system. He also wanted a dollar figure for the entire upgrade. Please forward my response below.

City of Clearwater P25 Project

Project 25 (P25) Is a FCC Guideline to improve interoperability and to make the Land Mobile Radio (LMR) marketplace more competitive. Currently All surrounding agencies have implemented a P25 systems or are in the process of doing so. This allows our units to seamlessly communicate with all surrounding agencies for both day to day operations and during a major storm/events. This will drastically improve the City's ability to respond to emergencies large and small. Although this system ties into the LTE network, it is also operated completely independently if the LTE network fails. The LTE network does not have the necessary infrastructure in place to support emergency operations after a catastrophic storm.

Below Please find a breakdown of the Cost for Clearwater's City-Wide Upgrade

2012 – Police RNC Purchase of radios was refunded through RNC Grants. No Cost to City
2014 – \$1,989,496.00 Initial City Infrastructure
2015 – \$1,076,812.00 PD Terminal Gear
2015 – \$73,889.00 PD Recorder Upgrade
2016 - \$499,942.00 Terminal Upgrade for Engineering, Utilities, Gas, Parks and Rec, Marine & Aviation, General Services
2017 – \$1,000,000.00 Solid Waste Terminals and Final Infrastructure Build-out

Total Expenditure - \$4,640,139.00

If he has any other questions please let me know.

Thank You,

Scot Macdonald
Radio Manager
City of Clearwater