



# Life Safety Systems: MCG

(P509970)

Category	General Government	Date Last Modified	01/10/19
SubCategory	County Offices and Other Improvements	Administering Agency	General Services
Planning Area	Countywide	Status	Ongoing

## EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY18	Rem FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	2,282	995	297	990	289	289	103	103	103	103	-
Site Improvements and Utilities	1,113	1,113	-	-	-	-	-	-	-	-	-
Construction	10,062	3,515	787	5,760	1,836	1,836	522	522	522	522	-
Other	905	905	-	-	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>14,362</b>	<b>6,528</b>	<b>1,084</b>	<b>6,750</b>	<b>2,125</b>	<b>2,125</b>	<b>625</b>	<b>625</b>	<b>625</b>	<b>625</b>	<b>-</b>

## FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY18	Rem FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	14,362	6,528	1,084	6,750	2,125	2,125	625	625	625	625	-
<b>TOTAL FUNDING SOURCES</b>	<b>14,362</b>	<b>6,528</b>	<b>1,084</b>	<b>6,750</b>	<b>2,125</b>	<b>2,125</b>	<b>625</b>	<b>625</b>	<b>625</b>	<b>625</b>	<b>-</b>

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 20 Approp. Request	626	Year First Appropriation	FY99
Cumulative Appropriation	11,236	Last FY's Cost Estimate	14,688
Expenditure / Encumbrances	7,738		
Unencumbered Balance	3,498		

## PROJECT DESCRIPTION

This project provides funding for installation of modern life safety systems to protect the County's facilities and to protect buildings in the event of fire emergencies. Implementation of this project will help to minimize the dangers to life from fire, including smoke and fumes. The scope of the project encompasses fire alarms with voice addressable capabilities, sprinklers for fire suppression, fire and smoke detection, smoke control systems, and emergency generators.

## ESTIMATED SCHEDULE

FY19 & 20: Siemens Fire Alarms in the Judicial Center, Judicial Center Annex, and the Executive Office Building; FY20: Bethesda Library, Alternate Emergency Communications Center, Colesville Health Center, Lawton Community Center

## COST CHANGE

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FY18 decrease is from the transfer of \$326,500 to Planned Life Cycle Asset Replacement for the Data Center UPS system.

## PROJECT JUSTIFICATION

Numerous existing facilities are in need of modern, basic life safety systems. In many older facilities, there are no emergency generators, fire alarms or sprinklers. Emergency generators are critical to support fire alarms and fire pumps during power outages. Some facilities are 24-hour residential facilities. In case of fire, there could be a significant potential exposure to loss of life and property. Most of the facilities do not meet code and have outdated fire alarm systems for which spare parts are no longer available and which can no longer be kept in reliable operation. Many of these County facilities were built years ago, and thus, were grandfathered under the fire code since the occupancy category has not changed. The outdated systems need to be replaced and upgraded to provide improved protection to County employees and County properties. "The Third Report of the Infrastructure Maintenance Task Force (March 2010)" identified an annual level of effort for life safety systems based on a 25-year lifespan.

## FISCAL NOTE

In FY19, \$326,500 was transferred to Planned Life Cycle Asset Replacement for the Data Center UPS system.

## DISCLOSURES

Expenditures will continue indefinitely.

## COORDINATION

Departments affected by Life Safety Systems projects, Department of General Services