



FS Emergency Power System Upgrade (P450700)

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|---------------|---------------------|----------------------|------------------|
| Category | Public Safety | Date Last Modified | 12/23/20 |
| SubCategory | Fire/Rescue Service | Administering Agency | General Services |
| Planning Area | Countywide | Status | Ongoing |

EXPENDITURE SCHEDULE (\$000s)

| Cost Elements | Total | Thru FY20 | Rem FY20 | Total 6 Years | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | FY 26 | Beyond 6 Years |
|----------------------------------|--------------|--------------|-----------|---------------|------------|-------|-------|-------|-------|-------|----------------|
| Planning, Design and Supervision | 2,386 | 2,194 | - | 192 | 192 | - | - | - | - | - | - |
| Construction | 4,859 | 4,141 | 14 | 704 | 704 | - | - | - | - | - | - |
| Other | 2 | 2 | - | - | - | - | - | - | - | - | - |
| TOTAL EXPENDITURES | 7,247 | 6,337 | 14 | 896 | 896 | - | - | - | - | - | - |

FUNDING SCHEDULE (\$000s)

| Funding Source | Total | Thru FY20 | Rem FY20 | Total 6 Years | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | FY 26 | Beyond 6 Years |
|------------------------------|--------------|--------------|-----------|---------------|------------|-------|-------|-------|-------|-------|----------------|
| Current Revenue: General | 8 | 8 | - | - | - | - | - | - | - | - | - |
| G.O. Bonds | 7,239 | 6,329 | 14 | 896 | 896 | - | - | - | - | - | - |
| TOTAL FUNDING SOURCES | 7,247 | 6,337 | 14 | 896 | 896 | - | - | - | - | - | - |

APPROPRIATION AND EXPENDITURE DATA (\$000s)

| | | | |
|-----------------------------|-------|--------------------------|-------|
| Appropriation FY 22 Request | (303) | Year First Appropriation | FY07 |
| Cumulative Appropriation | 7,550 | Last FY's Cost Estimate | 7,711 |
| Expenditure / Encumbrances | 6,413 | | |
| Unencumbered Balance | 1,137 | | |

PROJECT DESCRIPTION

This project involves design and installation of emergency generators in fire and rescue facilities. This project will provide continuous operation of emergency equipment; heating, ventilation and air conditioning; lighting; security system, and fire alarm. All installations will be managed by the Department of General Services.

ESTIMATED SCHEDULE

Two stations will be completed through FY21.

COST CHANGE

Cost savings are due to the elimination of funding programmed to support Old Fire Station 25, which no longer functions as an active

fire station.

PROJECT JUSTIFICATION

The emergency power backup systems are essential for full facility operation in the event of power failure and especially during a large scale disaster situation. Each fire station requires full power to support emergency operations, shelter for professional emergency responders, and essential disaster management operations. Most of the listed facilities are not equipped to meet operational needs during a long-term power outage. Careful evaluation resulted in the determination that most fire stations need to upgrade the size of their systems, while others need to reconstruct their emergency power electrical systems. This project allows facilities to continuously function at a normal power level during long-term power outages. An assessment study was prepared on June 2019 by Montgomery County Fire and Rescue Service.

FISCAL NOTE

There are no more fire station emergency power upgrade projects beyond FY21.

COORDINATION

Montgomery County Fire and Rescue Service, Local Volunteer Fire and Rescue Departments, Department of General Services, and Department of Permitting Services.