FS Emergency Power System Upgrade -- No. 450700

Category	**Public Safety**	Date Last Modified	**January 6, 2006**
Agency	**Fire/Rescue Service**	Required Adequate Public Facility	**NO**
Planning Area	**Countywide**		
Relocation Impact	**None.**		

EXPENDITURE SCHEDULE ($000)

Cost Element	Total	Thru FY05	Est. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	1,080	0	180	900	0	180	180	180	180	180	0
Land											
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	4,920	0	820	4,100	0	820	820	820	820	820	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,000	0	1,000	5,000	0	1,000	1,000	1,000	1,000	1,000	0

FUNDING SCHEDULE ($000)

G.O. Bonds	5,000	0	0	5,000	0	1,000	1,000	1,000	1,000	1,000	0
Current Revenue: General	1,000	0	1,000	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT ($000)

Maintenance				6	1	1	1	1	1	1	0
Net Impact				6	1	1	1	1	1	1	0

DESCRIPTION

This project involves installation of emergency generators in fire and rescue facilities. Installation of emergency generators are for the following facilities: Fire Station - Rescue #1 - Bethesda/Chevy Chase; Fire Station #3 - Rockville; Fire Station #4 - Sandy Spring; Fire Station #6 - Bethesda; Fire Station #7 - Chevy Chase; Fire Station #8 - Gaithersburg; Fire Station #9 - Hyattstown; Fire Station #9-A - Hyattstown Apparatus Storage Building; Fire Station #10 - Cabin John; Fire Station #12 - Hillandale; Fire Station #13 - Damascus; Fire Station #15 - Burtonsville; Fire Station #16 - Silver Spring; Fire Station #17 - Laytonsville; Fire Station #20 - Bethesda; Fire Station #23 - Rockville; Fire Station #25 - Kensington; Fire Station #26 - Bethesda; Fire Station #28 - Gaithersburg; Fire Station #29 - Germantown; Fire Station #30 - Cabin John; Fire Station #31 - Rockville; Fire Station #31-A - Rockville USAR Warehouse; Fire Station #33 - Rockville; Fire Station #40 - Sandy Spring; and MCFRS Dover Road Warehouse. This project will provide continuous operation of emergency equipment, HVAC, emergency lighting, security system, and fire alarm. All installations will be managed by the Department of Public Works and Transportation.

Service Area

Countywide

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 current generator 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.

Plans and Studies

Assessment study was prepared on December 22, 2004 by MCFRS.

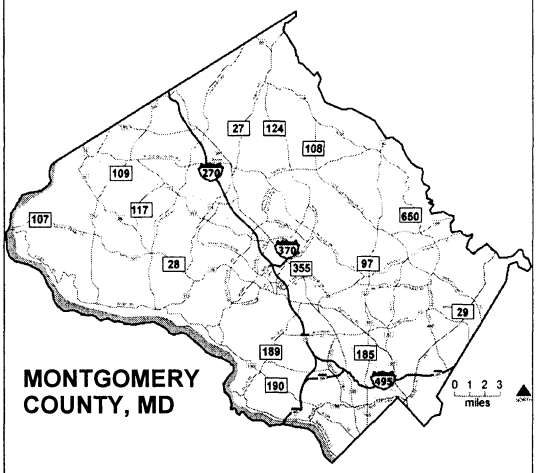
Cost Change

The Executive has recommended an FY06 supplemental appropriation using surplus funds.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY07	($000)
Initial Cost Estimate		1,000
First Cost Estimate Current Scope	FY06	1,000
Last FY's Cost Estimate		1,000
Present Cost Estimate		6,000
Appropriation Request	FY07	0
Appropriation Request Est.	FY08	1,000
Supplemental Appropriation Request	FY06	1,000
Transfer		0
Cumulative Appropriation		0
Expenditures/ Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Montgomery County Fire and Rescue Service
Local Volunteer Fire and Rescue Departments
Department of Public Works and Transportation, Division of Capital Development
Department of Permitting Services

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