

**INFORMATION TECHNOLOGY/EQUIPMENT: RESPONSE
EQUIPMENT PROGRAM**

10 YEAR CATEGORY SUMMARY (in \$1,000s)

	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	10 Year Total
1. Fire Bomb Squad X-Ray Systems	240	0	0	0	0	0	0	0	261	0	501
2. Fire Breathing Apparatus	460	0	0	0	0	4,080	0	0	0	0	4,540
3. Fire Defibrillators	0	0	0	0	0	0	0	0	0	4,858	4,858
4. Fire Thermal Imaging Cameras	0	278	0	0	0	0	0	0	278	0	556
5. Public Safety Rifle Plates	0	0	0	0	0	0	404	0	0	0	404
Total Recommendation	700	278	0	0	0	4,080	404	0	539	4,858	10,859

CATEGORY FUNDING SOURCES (in \$1,000s)

	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	10 Year Total
New Funding											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	0	0	0	0	0	0	0	0	0	0
PAYG	612	0	0	0	0	0	0	0	0	0	612
Short Term Finance	88	278	0	0	0	4,080	404	0	539	4,858	10,247
Stormwater Utility Fee Revenue	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Subtotal New Funding	700	278	0	0	0	4,080	404	0	539	4,858	10,859
Previously Approved Funding											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	0	0	0	0	0	0	0	0	0	0	0
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
Subtotal Previously Approved Funding	0	0	0	0	0	0	0	0	0	0	0
Total Funding Sources	700	278	0	0	0	4,080	404	0	539	4,858	10,859



1. FIRE BOMB SQUAD X-RAY SYSTEMS

Project Highlights:

- Fire Department Bomb Squad X-Ray Systems are mobile devices that provide remote, enhanced images to first responders.
- These devices allow the Fire Department Bomb Squad to remotely take multiple x-rays reducing the time on target and improving hazardous detection.
- This project will replace equipment that was previously outdated and will move this to a regular refreshment cycle of eight years.

Funding Notes: Refreshment is scheduled in FY 2025 and FY 2033 according to the equipment’s eight-year useful life.											
New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
PAYG	240										240
Short Term Finance									261		261
Previous Funding											
Total Funding	240	0	0	0	0	0	0	0	261	0	501
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Planning, Review, Evaluation of System Needs 1-3 months
- Review Procurement Options and Order Equipment (concurrently) 1-3 months
- Equipment Delivery and Testing 3-6 months post order

Changes from Prior CIP:

This is a new project for the FY 2025 – FY 2034 cycle.



2. FIRE BREATHING APPARATUS

Project Highlights:

- Self-contained breathing apparatus (SCBA) is a device worn by rescue workers, firefighters, and others to provide breathable air as needed in emergency situations.
- Equipment is replaced to ensure standardization within the National Capital Region.
- The project covers replacement of all apparatus to ensure fire personnel are all using same breathing apparatus equipment.
- This equipment has a useful life of ten years.

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
PAYG	372										372
Short Term Finance	88					4,080					4,168
Previous Funding											
Total Funding	460	0	0	0	0	4,080	0	0	0	0	4,540
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Inventory current equipment 3 months
- Procurement 3 months
- Purchase and Test equipment 6 months
- Deploy and Replace equipment 6 months

Changes from Prior CIP:

FY 2025 funding is included to replace the current air compressors which are starting to fail. The replacement for the breathing apparatus remains in FY 2030 from the previous CIP with minor adjustments for inflationary increases.



3. FIRE DEFIBRILLATORS

Project Highlights:

- Defibrillators are critical life-saving emergency medical services (EMS) equipment.
- The equipment is used for many different medical emergencies including cardiac arrest, trauma, etc.
- Defibrillators can send patient information directly to the receiving emergency department while enroute which improves patient care at hospital.
- The equipment's useful life is seven to ten years.

Funding Notes: Refreshment is scheduled in FY 2024 and FY 2034 according to the equipment’s 7–10-year useful life.											
New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Short Term Finance										4,858	4,858
Previous Funding											
Total Funding	0	0	0	0	0	0	0	0	0	4,858	4,858
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Review Technology Options and Requirements 3 months
- Procurement 3 months
- Equipment Delivery and Testing 9 months

Changes from Prior CIP:

Funding for defibrillators has been pushed out from FY 2031 to FY 2034 with the expectation that the ones ordered from the FY 2024 CIP will have a ten-year useful lifespan.



4. FIRE THERMAL IMAGING CAMERAS

Project Highlights:

- Thermal image cameras can detect heat given off by an object or person.
- The equipment is used by firefighters to see through smoke and low-light conditions for rescue work and for locating fires.
- Other uses include locating missing persons, checking for electrical circuit overloads, determining levels of liquids in an opaque container, and locating spilled liquids such as blood or fuel.
- The useful life of the equipment is seven years.

Funding Notes: Refreshment is scheduled in FY 2026 and FY 2033 according to the equipment’s seven-year useful life.											
New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Short Term Finance		278							278		556
Previous Funding											
Total Funding	0	278	0	0	0	0	0	0	278	0	556
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Planning and Evaluation of Equipment 3 months
- Review Procurement and Order Equipment 3 months
- Delivery and Testing of Equipment 6 months

Changes from Prior CIP:

This project is new to the FY 2025 - FY 2034 CIP.



5. PUBLIC SAFETY RIFLE PLATES

Project Highlights:

- Rifle plates are ballistic plate armor for bullet proof vests designed to protect officers from rifle rounds making them critical to the life and safety of officers.
- This equipment will outfit over 400 Police, Fire and Sheriff officers in the field.
- Rifle plates have a useful life of 15 years.

New Funding	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Short Term Finance							404				404
Previous Funding											
Total Funding	0	0	0	0	0	0	404	0	0	0	404
Operating Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total
Total Impact	0	0	0	0	0	0	0	0	0	0	0

Critical Milestones:

- Review of current supply and evaluate needs for replacement 1-3 months
- Review procurement options and quotes as well as delivery timeframes 3-6 months
- Purchase, deploy and test equipment 6-9 months

Changes from Prior CIP:

This project is new to the FY 2025 - FY 2034 CIP.