

**STATEMENT OF WORK  
OR POWER RETRO-FIT  
VAMC MARTINSBURG OPERATING ROOMS**

**Project Overview:**

The purpose of this project is to upgrade the existing intrusion detection system and isolated power pump panel in four operating rooms. The upgrade will include the installation of Lifelink line isolation monitor retrofit kits and IDS accessory plates with DRA1V remote annunciators, as well as the retrofitting of a Mark Three to a Mark Five isolated power pump panel. All work will be performed after hours and on weekends to minimize disruption to operations.

**Scope of Work:**

**1. Intrusion Detection System Retrofit**

- Provide and install 6 Lifelink line isolation monitor retrofit kits (Part Number: 607-4 23-341)
- Install IDS accessory plates with DRA1V remote annunciators
- Wire and connect one Marc V line isolation monitor (120V, 60Hz, 5mA alarm)-
- Supply and install one fully wired wiring harness with remote annunciator terminal blocks and labels
- Ensure compliance with local, state, and federal regulations for installation, replacement, and disposal of existing equipment

**2. Isolated Power Panel Retrofit**

- Supply and install one HPG Lifelink isolated power panel (Part Number: 498-222-669)
- Retrofit the existing Mark III isolated power panel to a Mark Five model
- Wire and connect one Mark V line isolation monitor (120V, 60Hz, 5mA alarm)
- Install one fully wired wiring harness with remote annunciator terminal blocks (2-foot length)
- Mount stainless steel faceplate and pedestal mounting bracket

**General Requirements:**

- All work must adhere to local, state, and federal regulations, including proper disposal of replaced equipment.
- The surgical devices should be designed to operate in a wet climate.
- The upgrade will connect to the main surgical power panel in each operating room.
- Scheduling: Each operating room will be upgraded individually, and work will be performed after hours and on weekends to minimize disruption.

**Deliverables:**

- Installation and configuration of 6 Lifelink line isolation monitor retrofit kits
- Installation and setup of IDS accessory plates with DRA1V remote annunciators
- Retrofit of one Mark Three isolated power panel to a Mark Five model
- Proper wiring and connection of line isolation monitors and wiring harnesses

- Mounting of stainless-steel faceplate and pedestal mounting bracket
- Documentation of installation, including schematics and any necessary certifications

Timeline and Milestones for each room to be determined:

- Room 1 Upgrade: [TBD] - [TBD]
- Room 2 Upgrade: [TBD] - [TBD]
- Room 3 Upgrade: [TBD] - [TBD]
- Room 4 Upgrade: TBD] - [TBD]

Note: The specific start and completion dates will be determined in coordination with the project stakeholders.

Acceptance Criteria:

- Successful installation and integration of all specified equipment and components.
- Compliance with all local, state, federal regulations, and NFPA 99 (National Fire Protection Association) standards.
- Completion of documentation, including schematics and certifications.
- Demonstration of proper functionality and performance.
- Testing of all devices in accordance with NFPA 99 requirements.