

## **PROJECT NARRATIVE**

**Facility Name:** HCA Florida Lawnwood Hospital

**Project Name:** Generator Replacement

### **Electrical**

The proposed improvements consist of upgrades to the hospital's emergency power system to enhance reliability and resiliency. The project includes the installation of a new outdoor emergency generator and associated electrical equipment to replace portions of the existing emergency power infrastructure. A new emergency electrical room will be constructed within the existing building to support the upgraded system.

The new generator will be located adjacent to the existing chiller plant and screened to be consistent with existing site features. Work will be completed in multiple phases and coordinated with hospital operations to maintain continuous emergency power service throughout construction. Temporary power measures will be provided as needed during equipment transitions.

### **Mechanical**

Mechanical improvements are limited to modifications necessary to support the new emergency electrical facilities. This includes relocation of select building utilities and systems to accommodate the new electrical room, as well as extensions of existing heating, cooling, ventilation, and fire protection services. All work will be coordinated to minimize impacts to ongoing hospital operations.

### **Architectural**

The project primarily consists of infrastructure upgrades and does not alter the overall function, occupancy, or operation of the existing hospital. Architectural work is limited to construction of new electrical equipment rooms and associated building modifications required to accommodate the upgraded emergency power system. Minor life safety enhancements, including fire-rated partitions, will be incorporated as required by code.

### **Structural**

Structural improvements are limited to construction of a new foundation to support the proposed emergency generator equipment. The foundation will be designed in accordance with applicable codes and standards. Manufacturer-designed screening structures and their supporting foundations will be provided as part of the generator installation. Structural work will be coordinated with all other disciplines and construction phasing requirements.

### **Civil**

Civil improvements associated with the project are minimal and are limited to supporting the installation of the new emergency generator. Site work includes removal of a portion of an existing landscaped island, minor pavement and curb modifications, utility connections, and installation of underground electrical infrastructure. Associated pavement restoration, striping, and signage adjustments will be completed as needed to maintain required access and circulation.

The proposed improvements are not expected to substantially alter existing drainage patterns or site operations. Minor grading adjustments may be made to maintain positive drainage around the new equipment. Construction activities will be phased and coordinated to maintain continuous access, emergency vehicle circulation, and uninterrupted hospital operations throughout the duration of the project.