

**Irvine** Electrical Plant and Substation B81A Replacement

Fiscal Year of Approval: 2016-17

**Project Description**

CFP 2015-25

- Constructs a modern 12KV Electrical Plant to support increased future electrical demand.
- Provides new power distribution system, emergency generators, and relocation of obsolete Substation B81A.
- The existing 5KV generators are obsolete and will be replaced with modern 12KV four stroke diesel generators to match the new 12KV non OSHPD electrical distribution system.
- The new 12KV system for Non-OSHPD buildings will match the existing 12KV OSHPD system; there is the ability to interconnect them for redundancy in case of an emergency.
- Provides additional electrical capacity to support expansion as part of the Master Plan including Ambulatory Care Center, Office Building, Chiller Plant, and other projects

**Project Scope Summary**

ASF N/A

GSF N/A

**Summary of Budget by Fund Type**

External Financing

Gift Funds \$ -

Campus Funds \$ -

Hospital Reserves \$ 33,200,000

**Total Budget** \$ -