



**Flores Consulting Services, Inc. |**

3847 Westside Ave. | Los Angeles | CA 90008 | P: 323 481-1645 | natof2014@gmail.com

## California State University Los Angeles Replacement of 1,250 Ton Central Plant Trane Centrifugal Chiller

- Managed for California State University Los Angeles the design and construction project to replace a 1,250 ton centrifugal chiller.
- The chiller is part of dual chiller system of the central plant that every night when electrical rates are lower charges a 1,000,000 gallon Thermal Energy Storage Tank
- The chilled water from the tank is then pumped to the various buildings on campus to provide air conditioning.
- Prepared the scope of work and negotiated the contract with the design builder
- Worked with the design builder to insure that the existing plant was upgraded to meet current codes relative to the chiller installation.
- Helped in the design of the modifications required to update the central plant refrigerant evacuation system to bring it up to date
- Determined the upgrades relative to controls to implement and integration with the existing system
- Negotiated a remote monitoring & a preventative maintenance program with the manufacturer
- Planned the required outage with the design builder to insure that the campus would not be without the central plant cooling while the chiller was being replaced



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