

Project Type

Lab/Office

Size

500,000

Services Provided

- Design assist of core & shell upgrades
- Design-build basis-of design documents for the Google TI including accommodations for a flexible internal loads and exhaust systems
- Full design of energy management and control systems

Completion Date

2015



The Google San Antonio Station underwent a gut remodel of two existing adjacent buildings totaling 500,000 sqft of lab and office space.

The core and shell upgrades includes two interconnected water-cooled chiller plants with 5 chillers totaling 1,455 gpm. The lead plant has a waterside economizer and VAV reheat zones that are served by three custom VAV AHUs totaling 320,000 cfm. The design also includes auxiliary systems serving clean rooms and lab exhaust. The new controls for this facility include a new ALC system integrated into an existing SCADA system.