



Control Tower Marine Corps Base Hawaii

Date:	January 2000—August 2001
Location:	MCBH, Kaneohe Bay, Oahu, Hawaii
Cost:	\$5,000,000
Client:	ROICC Marine Corps Base Hawaii



Project Description

This Project required the construction of a new seven-story Control Tower and a one-story Remote Air Traffic Control Facility (RATCF). The Contract was administered by the US Navy, ROICC MCBH.

The RATCF is a one-story structure, approximately 12,000 square feet in size. Construction consisted of a concrete slab on grade, foundations and pre-engineered steel framing and metal roof decking. A built up asphalt roof with cap sheet was required. Interior finishes included metal framing with gypsum board walls, gypsum board and acoustical tile grid ceilings, VCT flooring, carpet, painted surfaces and ceramic tile. A raised flooring system was also installed in the Flight Control and Instrumentation rooms.

The Control Tower Building is a seven-story concrete structure with a structural steel and glass cab at the top. A five-stop elevator and a half-ton hoist were installed in the structure. The interior finishes were similar to that in the RATCF Building.

An Exterior Insulated Finish System (EIFS) is installed at both structures. Redundant HVAC systems are installed to service mission critical areas within both structures. An emergency generator and UPS systems are installed to provide power to the same critical areas. A fire alarm and sprinkler system is installed throughout both buildings.

Exterior improvements consisted of sewer, water and drain systems. Parking areas for the Project consist of concrete curbs and asphalt concrete pavements. Grassing and landscaping are also installed.

