



PROJECT PROFILE

Chief of Mission Residence

Port-au-Prince, Haiti

Client:
U.S. Department of State
Overseas Building Operations
Arlington, VA

Approximate Construction Cost:
\$920,000.00

Year Completed:
April 2007

Services Provided:
Assessment, Design, & QAI Services

Contractor:
DJB Contracting, Inc.
Baltimore, MD



The U.S. Ambassador for Haiti resides in a concrete-framed home that was constructed around 1936 for its current use. The roofs of the facility consisted of modified bitumen on concrete deck on low-sloped areas and clay tile roof systems over wood decking and framing. The construction of the clay tile roof systems consisted of dimensional lumber framing; tongue and groove wood deck; organic felt underlayment; layer of expanded metal lath; a 4-inch thick concrete topping with limestone aggregate; a layer of clay barrel-shaped tiles (pans) set inverted in a bed of mortar; and a top layer of clay tiles (covers) loose laid.

One of the projects that was assigned to PCI under an IDQ contract was the design for roof replacement of the subject building. PCI services also included technical consultation and quality assurance inspections during the roof replacement. The scope of work consisted of removing/disposing tile, mortar bed, and felt underlayment; installing new self-adhering underlayment with polyester felt surfacing; and installing S-shaped tiles in low-rise foam adhesive. The scope of work also included design and re-construction of a significant amount of termite infested wood framing; application of new wood treatment; and application of elastomeric coating on chimneys.

