

### **Project Name**

Potable Water System - Public Works Center  
Pearl Harbor, Hawaii

### **Client / Owner**

U.S. Navy, Pacific Division, Pearl Harbor, Hawaii

### **Year Completed**

2001

### **Project Description & Firm's Responsibility**

In an effort to operate its utility system more efficiently and competitively with the private sector, the federal public works departments that operate government-owned utilities are undergoing a privatization initiative. Under this program, government forces compete and bid with private utility operators to own and operate water, wastewater, power, and other utilities.

To formulate the APerformance of Work@ and bid proposal documents, this project developed an inventory of the U.S. Navy Public Works Center=s (PWC) potable water system, consisting of such value assets as water mains, valves, pumps, motors, wells, reservoirs, service lines and valves, hydrants, backflow preventers, hydrants, dock outlets, generators, etc. From the detailed inventory, a fair market value for each discrete public water system owned and operated by the PWC was developed by an appraiser.

With a comprehensive inventory of water infrastructure assets, the geographical information system (GIS) database was updated for interested bidders. Having a fair market value assessment and a subsequent operation and maintenance strategy plan developed in this utilities management study, the government would be aware of how private enterprises might bid and operate and could formulate its own competitive proposal and bid.

