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## Recovery Act Money Funds New Photovoltaic Systems at Pearl Harbor

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PEARL HARBOR (NNS) -- Naval Facilities Engineering Command (NAVFAC) Hawaii awarded a \$15.2 million, firm-fixed price task order Dec. 30 to Niking Corporation, Wahiawa, Hawaii, to install photovoltaic (PV) systems on top of five Navy buildings around Pearl Harbor, including the Navy Exchange and Commissary.

"With the increased emphasis on renewable energy, this photovoltaic project will assist the Navy in Hawaii with achieving federal, state and Navy renewable energy goals," said Capt. Richard Kitchens, Naval Station Pearl Harbor commanding officer. "In addition, the utilization of renewable energy resources like photovoltaics will assure our energy independence and national security."



Official U.S. Navy file photo.

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The task order is part of the Navy in Hawaii's American Recovery and Reinvestment Act (ARRA) efforts. It was awarded through a competitive selection of proposals submitted under a multiple award construction contract, and it provides for the design and construction of a grid-tied PV power system at Naval Station Pearl Harbor.

"The new photovoltaic systems are estimated to produce approximately 3.4 gigawatt hours of energy annually, which is equal to the annual energy needs of approximately 440 homes," said Kitchens.

Estimates indicate the new PV system will provide an annual avoidance of approximately 5,667 barrels of oil and 3,118 tons of carbon dioxide emissions. The carbon dioxide avoided is equivalent to taking 550 passenger cars off the road.

Niking Corporation is a Hawaii-based general contractor with more than 22 years of intensive building experience with the federal government.

"We are extremely excited to have this contract," said Niking Corporation President Robert L. King. "It will be good for our economy to have a local contractor execute this work, and we feel it will help preserve and create needed jobs here in Hawaii."

The PV project at Pearl Harbor is scheduled for completion July 2011. The contract task order awarded was \$15,237,555.

The Department of Defense received \$7.4 billion from the ARRA, which is less than one percent of the \$787 billion total amount. The Navy in Hawaii received \$124 million to modernize Navy and Marine Corps shore infrastructure, enhance America's energy independence and sustain a steady and robust maritime force for decades.

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