

**FOR IMMEDIATE RELEASE**

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**GOLDEN SANDS GENERAL CONTRACTORS COMPLETES VERTICAL  
ELECTROMAGNETIC PULSE SIMULATOR AT THE NAVAL AIR STATION,  
PATUXENT RIVER, MARYLAND**

MIAMI, FLORIDA – February 6, 2018 – Golden Sands General Contractors has successfully completed construction on the Vertical Electromagnetic Pulse Simulator (VEMPS) at the Naval Air Station in Patuxent River, Maryland, having batched, poured and placed over 1600 cubic yards of specialized conductive concrete.



The 16-month long project included expansion of an existing site, construction of an antenna array featuring 150 foot non-conductive towers, paving an 81,000 square foot conductive concrete test pad with embedded wire array, and construction of a 1200 square foot pulser equipment building. The VEMPS facility provides the capability to conduct survivability demonstration tests on the largest aircraft produced in the United States. VEMPS will help achieve the Department of Defense (DoD) goal of determining the EMP hardness status of strategic and tactical weapons systems as recommended by the Congressional EMP commission. The project was funded through the Central



Test and Evaluation Investment Program (CTEIP). CTEIP was established by the DoD to provide joint service initiatives, avoid unwarranted duplication of capability, and increase interoperability through capability improvement projects for the defense department major ranges and test facility bases.

Golden Sands' related company, Omni-Threat Structures, specializes in shielding shotcrete structures that provide protection from electromagnetic pulse (HEMP and IEMI), ballistic/blast, and event-driven missiles as well as natural threats, including Cat 5 hurricanes, EF-5 tornados, and seismic events.

Founded in 1988, Golden Sands is a commercial general contractor headquartered in Miami. The company serves the nation's largest financial institutions, one of the Southeast's primary sports venues, and a steadily growing list of prestigious clients, including Fortune 500 companies, leading U.S. nuclear power utilities and the U.S. Navy. Golden Sands also has a dedicated Facility Services Department, including expertise in disaster recovery, positioned to serve 31 states through seven regional offices.

For further information on Golden Sands, visit [www.goldensandsgc.com](http://www.goldensandsgc.com). For Omni-Threat Structures, go to [www.omnithreatstructures.com](http://www.omnithreatstructures.com) or contact Lisa Schunack at 305.633.3336.