

# MILITARY ENGINEERING

HSW provides a unique blend of expertise in engineering design, construction management, environmental compliance, permit acquisition and knowledge of state and federal regulations. HSW has acquired a national reputation for using innovative and streamlined approaches to assess and resolve a broad range of complex engineering and environmental concerns.

HSW Team capabilities and experience include:

1. Utility / Military Buildings
2. Utility Control Centers
3. DD 1391/DD 3086 Data Submission Packages
4. Range Operations Support Buildings
5. NEPA Documentation and Investigations
6. Civil/Site Grading and Drainage
7. Flow-Regulation Structures and Conveyances
8. Access Entryways and Trails
9. Water Treatment and Distribution Systems
10. SCADA and Telemetry Systems
11. Power and Fiber Optic Design
12. Surveying and Geotechnical Investigations
13. Sustainable Design Applications
14. Cost Estimating (USACE / M-CASES and MII, FDOT PES/CES)
15. Construction Engineering and Inspection Services

HSW Engineering, Inc. has an extensive history of federal facility work. HSW is one of the prime contractors under the Range and Training Land Program (RTLTP) for the US Army Corps of Engineers to provide full discipline A/E support services across the U.S. We have a continuous record of success with military projects, specifically those supporting military planning, estimating, and programming firing ranges and training facilities.

Since 2003, HSW has performed facility design work under 48 different task orders involving six USACE Districts and 11 installations. HSW has lead Charrettes to prepare 15% design; lead Charrettes to prepare 14 Project Definition Reports PDRs; prepared six 35% Design / Build packages; completed 30 100% Full Designs; and performed specialty services (R&D, geotechnical, surveying, standard designs) on 30 projects. Our ACASS ratings range from **Above Average to Excellent**.

Many of our design professionals are trained in PES/CES, MCACES and MII and have experience using PCCost and PAX in the development of opinions of probable costs, PDRs and 3086 estimates. HSW maintains fully functional workstations equipped with recent versions of AutoCAD, Microstation, and ARC-GIS which our engineers, designers, CADD technicians, and scientists are proficient at using.

