



U.S. Army Engineering and Support Center, Huntsville

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U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

The U.S. Army Engineering and Support Center, Huntsville, Ala., is a major element of the U.S. Army Corps of Engineers (USACE). In North Alabama, the Center employs 638 employees from various engineering and support disciplines. While physically located in Huntsville, the agency supports Department of Defense and other government agencies organizations worldwide. In FY 2012, the Huntsville Center obligated more than \$1.7 billion in contracts.

The Center's original mission was support to ballistic missile defense but has since expanded into installation support; ordnance and explosives; engineering; chemical demilitarization programs; and the Environmental and Munitions Center of Expertise. Huntsville Center's charter is based on programs rather than geography. Programs are national/worldwide or broad in scope; require integrated facilities or systems that cross geographical boundaries; require a centralized management structure; or require commonality, standardization, multiple-site adaptation or technology transfer.



Center programs support alternative energy projects like this one at Ft. Bliss, TX

Although the programs change as national and military priorities evolve, the Center's mission and functions are centered on four key processes. Through these processes, Huntsville Center consistently delivers quality products on time — and that's what keeps customers coming back.

These processes include:

- **Engineering and Technical Services**
- **Programs and Project Management**
- **Construction Management**
- **Innovative Contracting Initiatives**

Installation Support and Programs Management

Huntsville Center is the USACE Installation Support Center of Expertise (ISCX). Huntsville Center partners with USACE Districts and other government organizations to provide timely, cost effective and consistent installation support.

The ISCX programs include Centers of Standardization; Ranges and Training Land; Facilities Reduction; Utility Monitoring and Control Systems; Army Metering; Energy Savings Performance Contracting; Energy Engineering Analysis; Resource Efficiency Managers; Access Control Points; Furniture; Integrated Modular Medical Support Systems; Medical Repair and Renewal; Facilities Repair and Renewal; Operations and Maintenance Engineering Enhancement; and Electronic Security Systems.

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Ordnance and Explosives

Huntsville Center's Ordnance and Explosives Directorate safely eliminates or reduces risks from ordnance, explosives and recovered chemical warfare materiel. Programs include the Chemical Warfare Design Center that investigates and remediates chemical weapons remnants, such as the work at Camp Sibert near Gadsden, Ala.; the Conventional Munitions Design Center that provides guidance for Formerly Used Defense Sites, Base Realignment and Closure (BRAC) sites and active ranges; and the International Operations Division that manages the disposal of unserviceable ammunition and ammunition items recovered by U.S. field units during operations in Iraq, and demining operations in Afghanistan. The directorate also demilitarizes large rocket motors and multiple launch rocket systems.

Engineering

Huntsville Center provides several programs through the Engineering Directorate. Its Medical Facilities Mandatory Center of Expertise partners with Corps of Engineers Districts and Divisions to provide expertise for design and construction of medical facilities for DoD, other federal agencies and foreign governments. Huntsville Center also develops medical design and construction policies, technical guidance, procedures, criteria, specifications and standards. The Center manages the project from initiation through 35 percent design. The Environmental Program provides project design and environmental services focusing on investigations and remediation at DoD Superfund level CERCLA (Comprehensive Environmental Response, Compensation and Liability Act) and BRAC sites.



Center engineers use building information modeling to create standard designs for government facilities.

Chemical Demilitarization

The Chemical Demilitarization Directorate designs, builds and equips facilities to destroy the nation's chemical munitions stockpile in a safe and environmentally acceptable manner. Huntsville Center designed and built six facilities in the U.S. to include the facility in Anniston, Ala., and one on Johnston Atoll. Design and construction activities are ongoing at Pueblo, Colo., and Blue Grass, Ky. The Center also is assisting Russia in executing its chemical weapons destruction program. The expertise of this directorate is unique, involving experience with complex multi-billion dollar construction worldwide using design-build cost reimbursable incentive fee contracting mechanisms. Huntsville Center is providing technical management of the design for the Defense Threat Reduction Agency (DTRA), and is assisting the DTRA Office – Biological (DTRO-B) and the Azerbaijan government in designing a Central Reference Laboratory, in Baku, Azerbaijan. It will be a state-of-the-art medical facility similar to our Centers for Disease Control in the U.S.

Environmental and Munitions Center of Expertise

The EM CX provides support to HQ USACE and Corps offices worldwide on complex environmental and munitions issues through independent technical reviews, quality assurance reviews, munitions safety submission reviews, discipline-specific technical support, guidance development, participation on multi-agency panels and advisory committees, development and instruction of training, and the evaluation of and recommendations on innovative technologies. The EM CX also provides environmental management assistance to USACE for special studies and analyses.