



Installation Support Center of Expertise

Program Manager 256-895-1397

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

Whether your project is about saving energy, buying new furniture, establishing access control points or removing unwanted facilities from the Army inventory, among others, the U.S. Army Engineering and Support Center in Huntsville, Ala., has the expertise to help you.

Huntsville Center serves as the U.S. Army Corps of Engineers' Installation Support Center of Expertise. In that capacity, Huntsville Center's project managers partner with Corps districts, Directorates of Public Works, Installation Management Command and other federal agencies on installation support projects worldwide.

The ISCX is committed to providing outstanding mission and quality of life support to military installations. Through various programs, the ISCX provides the following types of support:

Army Stationing Facilities Support — ASFS provides IMCOM with centralized programmatic support in the execution of master planning and military construction programming. ASFS is leading and coordinating the execution of facilities requirements analyses and planning charrettes as Army installations plan to move more than 140,000 personnel over the next five years to support Army Modular Force, Global Defense Posture Realignment, Base Realignment and Closure and Grow the Army stationing initiatives. Support includes managing program resources, normalizing costs associated with the execution of RAs, PCs and Office of the Assistant Chief of Staff for Installation Management/IMCOM-directed studies, ensuring consistency of products, and performing quality assurance of services and deliverables provided by districts and contractors. ASFS provided discrete planning products as tasked by IMCOM which included infrastructure assessments, preparation of area development guides and development of specific facility type analyses. ASFS provided 1,356 economic analyses for relocatable facilities at 39 installations, including lease/buy analyses and source-of-funding determination for relocatable buildings support to Corps districts and to installations, putting together relocatable facility request packages. ASFS supports Headquarters, U.S. Army Corps of Engineers' execution of MILCON Transformation by coordinating and integrating facility planning, programming and acquisition planning support.

Center of Standardization — Huntsville Center leads COS efforts for 17 facility types and is working with proponents to develop Army Standards for Physical Fitness Facilities; Fire Stations; Consolidated Fire, Safety and Security Facilities; and Soldier Family Support Centers. To aid planning and programming of future facilities, Huntsville Center has also prepared template 1391s for Army Community Service Centers, Physical Fitness Facilities, Youth Centers and Fire Stations. These are now available through the PAX Processor to support programming/1391 development for individual projects of these standard facilities. Templates include primary line items, areas and unit costs (subject to appropriate ACF) to match

Center of Standardization

- **Medical Facilities**
- **Correctional Facilities**
- **Child and Family Services**
 - **Child Development Centers (infant to 5 years and 6 to 10 years)**
 - **Youth Activity Centers**
 - **Army Community Service Centers**
- **Sports and Fitness**
 - **Physical Fitness Centers**
 - **Bowling Centers**
 - **Outdoor Sports Facilities**
- **Fire and Emergency Facilities**
 - **Fire Stations**
 - **Consolidated Fire, Safety and Security Facilities**
 - **Hazardous Material Storage Facilities**
- **Training Ranges**
 - **Close Combat Tactical Trainers**
 - **Military Operations Urban Terrain Facilities**
 - **Training Ranges**
 - **Training Support Centers**
 - **Battle Command Training Centers**

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the standard designs and the COS contracts being developed for these facilities. Template 1391s for Child Development Centers (both ages), and Consolidated Fire, Safety, and Security Facilities are going through final coordination. Huntsville Center is preparing and refining standard designs for each standard facility and writing standard RFP language based on the USACE Model RFP.

The Corps has gone to product-line, design-build, Indefinite Delivery/Indefinite Quantity contracts. A product line is a specific type of facility, for example, a child care center. Centers of Standardization will use a standard design as the baseline for each product line. The COS is conducting pre-solicitation activities in connection with the award of a Southern region physical fitness facility multiple award task order contract.

The objective of these task order contracts is to provide timely, cost-effective delivery of standard facilities on an expedited basis to support our Soldiers and their families.

Ranges and Training Lands Program — RTLP provides program management and engineering support to the Army's Range Modernization Program, which consists of more than 250 projects throughout the Army, Army Reserve and National Guard. Support includes establishing engineering criteria and standard designs, initial planning and site selection, facilitating plan charrettes and preparing MILCON programming documentation (DD Forms 1391) for Army G-3-funded training ranges. RTLP provides programmatic oversight and technical support to Corps districts responsible for design and construction of range projects. The new range planning process includes a multi-disciplinary (Army Training Support Center, RTLP Mandatory Center of Expertise, Ordnance and Explosives Center of Expertise, Program Executive Office-Simulations Training and Instrumentation and Army Environmental Center) technical team assessment process in the planning charrettes. Project assessments evaluated the executability of the project from the following functional areas: training capability, surface danger zone capability, constructability and standard design compliance, National Environmental Policy Act supporting documentation and issues, telecommunications infrastructure and unexploded ordnance. In addition, the RTLP program provides design services using in-house forces to support Navy Facility Command with range projects for the Marine Corps at Camp Lejeune, N.C.

Furniture — Huntsville Center's furniture program manages the procurement and delivery of furniture and furnishings for new and renovated barracks and administrative facilities. In FY 09 more than 700 contracts were processed by Huntsville Center with an in-house cost, including technical and program management services averaging less than 2 percent of the total contract obligation amount. The Center procured barracks furniture for 44,713 Soldier living spaces and 140 administrative buildings in FY 08, including New Construction, Sustainment, Restoration and Modernization, Garrison Replacement, Global War on Terror and BRAC projects. The program uses standardized and efficient processes, including electronic ordering. The Furnishings Program Management Plan, work instructions, forms, and templates can be found at <https://eko.usace.army.mil>. This information is found under Virtual Teams, Furnishings Program.

Energy — Huntsville Center has provided support for Army energy programs for more than 20 years. OACSIM, IMCOM and Headquarters, USACE recognize Huntsville Center as a valuable resource to help implement the Army Energy Campaign Plan's five goals for 2030. These goals are:

1. Eliminate energy waste in existing facilities
2. Increase energy efficiency in new construction and renovations
3. Reduce dependence on fossil fuels
4. Conserve water resources
5. Improve energy security

The purpose of Huntsville Center's energy branch is to support the Army Energy Campaign Plan through specific programs and projects.

Energy Savings Performance Contracting — EPSC contracts provide private party financing for Energy Conservation Measures (ECMs) at Army installations utilizing an Energy Saving Performance Contract (ESPC). A contractor provides capital and expertise to make infrastructure energy improvements on government facilities to significantly reduce Army energy utilization and costs and maintains them in exchange for a portion of the generated savings. With limited funding options to implement projects, the ESPC program

is an invaluable tool in assisting installations in the implementation of energy and water savings projects to successfully meet federal goals. Executive Order 13423, the Energy Independence and Security Act of 2007 (EISA 2007) mandate accelerated targets for energy use reductions in federal facilities to 3 percent per year for FY 2008 - FY 2015, ending in a 30 percent reduction in energy intensity by 2015. The current projects have a capital investment of \$397 million with energy savings of approximately \$801 million.

Resource Efficiency Manager (REM) — Huntsville Center contracts for, and provides oversight of, REMs who increase the effectiveness of installations' energy programs by reducing energy and water costs by identifying cost-effective programs and practices. The program is designed to be self-sustaining in that the savings generated more than offset the cost of the REM. Huntsville Center has put in place an IDIQ contract with a pool of five contractors to provide these services. Each Task Order is competed among the pool, thereby creating the most advantageous benefit to the government.

Energy Engineering Analysis Program — EEAP analyzes energy usage at installations and provides options for reducing energy consumption. Working with our partners, we completed energy surveys at eight Army installations in FY 2009. Since the program began in 2006, we have completed 24 surveys identifying approximately 2,204 potential energy saving projects when implanted; this could save the government \$116 million per year in energy costs if implemented. EEAP leverages expertise and capabilities of USACE and Department of Energy labs and other organizations.

This effort includes:

1. energy consumption assessments for selected facilities/installations,
2. evaluation, identification and recommendations of implementation options for energy conservation projects,
3. overseeing implementation of selected options,
4. assistance in sustaining local energy programs,
5. providing energy-related training, and
6. water conservation and waste water treatment.

Army Metering Program — To date, 3,751 advanced electric and natural gas meters were installed at 48 major installations within the continental U.S. Furthermore, to date, 46 percent of the projected 6,700 electric meters in order for the U.S. Army to meet its congressional mandated requirements have been installed. The \$20 million FY 2008 work plan included installing advanced meters for electricity and natural gas at 32 major installations. The \$26 million FY09 work plan included installing advanced meters at 165 active Army installations and Army Reserves centers worldwide and the delayed award of a centralized Army meter data-management system software and support contract. The FY10 work plan includes installing advanced meters at 56 medical treatment facilities, 59 Army Reserves centers, various DLA facilities, and 126 active Army installations worldwide, including the integration of the Utility Monitoring Control System (UMCS) and metering execution at Fort Bragg, N.C., Fort Rucker, Ala., and 10 Army Reserve centers in South Carolina.

Utility rate interventions — In a combined effort with the U.S. Army Regulatory Law Office, the Commercial Utilities Program (CUP) ensures that the costs of utilities services remain fair and reasonable for Army installations. Since 1999, this program has achieved more than \$102 million in cost avoidances and savings to the Army and other federal agencies. During FY 2009, numerous utility filings were analyzed and five were found cost effective to petition for intervention status.

Utility rate surveys — Over the past two years, utility and assessment surveys at 77 installations identified \$16.5 million in savings and cost avoidances. These savings primarily result from installations moving to correct tariff schedules, taking advantage of demand side management actions and installation of energy management control systems.

Access Control Point Program — ACPP provides direct support to the Army's Product Manager for Force Protection Systems, which also includes Automated Installation Entry. This AIE effort significantly improves gate

security while possibly reducing security guard manpower. Huntsville Center has initiated actions to design the installation of equipment at 49 garrisons (encompass 191 ACPs and 425 lanes) in the continental U.S. to include Fort Greely and Fort Wainwright in Alaska as well as 42 garrisons in Europe. Equipment installation is complete at Letterkenny Army Depot, Pa.; Fort Carson, Colo.; Military Ocean Terminal Sunny Point, in Southport, N.C.; Bluegrass Army Depot, Ky.; Fort Campbell, Ky., and seven European garrisons. Equipment installation is currently ongoing at 23 CONUS (outside the continental U.S.) garrisons and six European garrisons.

Facilities Reduction Program — The Facilities Reduction Program (FRP) eliminates excess facilities and structures to reduce fixed installation costs and achieve energy savings. Huntsville Center centrally manages these programs with execution accomplished through installations, Corps districts and Huntsville Center product delivery teams. Huntsville Center assists installations and regions in developing lists of removal candidates and preparing statutorily required documentation, in addition to removing excess inventory. FRP has saved \$8.3 million that was reinvested to remove more facilities. Crushing concrete and brick and using it on site as backfill substantially reduces execution costs. A new FRP IDIQ contract will be available by the end of the first quarter FY 2010. Based on Army Energy and Water Reporting System (AEWRS) data, the FRP provides an average energy savings of \$1.50 per square foot for each excess facility taken off the grid. The results — an average 2 million square feet removed equals \$3 million in energy savings per year.

Integrated Modular Medical Support Systems — The IMMSS program provides standardized, modular furniture systems for U.S. Army medical facilities worldwide. IMMSS systems are modular, reusable, reconfigurable furniture systems that meet medical facility codes and standards and provide finishes that integrate with the Army's interior design standard for medical facilities. The systems are durable, easily cleanable, and can be used in office and administrative spaces as well as treatment and exam rooms, and medical support areas. The program purchases and installs IMMSS systems for Army hospitals, clinics, pharmacies, laboratories, veterinary clinics, administrative and other medical facilities. Other services include design, reconfiguration and restoration of existing systems, maintenance, clinical analysis, fabric panel replacement, inventory and product orientation training. In FY 2009, 323 new orders were awarded, valued at \$24.6 million, for more than 80 different facilities in the continental U.S., Alaska, Hawaii, Germany, Italy, Korea and Iraq. The program directly supported medical facilities that treat wounded returning Soldiers from Overseas Contingency Operations, Warrior-in-Transition units at eleven different Army bases; and Army hospitals and clinics throughout the world that serve American Soldiers, dependents and retirees. In support of Army BRAC medical facility missions in FY 2010-14, the program will expand to include larger IMMSS systems furniture requirements and non-IMMSS "loose" furniture requirements for Army medical facilities.

Medical Repair and Renewal Program — MRR provides a fast track, efficient method for design and execution of all types of medical facility repairs, renovations and minor construction. MRR provides program/project management, engineering, contracting and construction support to multiple Department of Defense and non-DoD agencies/locations nationwide. In FY 2009 the team managed more than 100 projects valued at more than \$500 million. The program awarded more than \$140 million in medical facility repair and renovation projects in FY 09 for the U.S. Army Medical Command, U.S. Air Force, U.S. Navy and the Department of Veteran Affairs. MRR also supported the local Corps of Engineers districts and installation DPWs in the execution of various medical projects that could not be executed with available district/DPW resources.

Operations and Maintenance Engineering Enhancement Program — The U.S. Army Engineering and Support Center, Huntsville, under its Operation and Maintenance Engineering Enhancement (OMEE) Program, has developed a simplified process to respond to the growing operation and maintenance (O&M) needs of military medical and non-medical facilities.

The OMEE Program uses streamlined processes that provide low-cost, quick response contracts for the operation, preventive maintenance, repair and replacement of equipment and other facility support, such as custodial and grounds maintenance, to military installations. The customer identifies user requirements, Huntsville Center prepares a task order scope of work based on these requirements, and the contractor defines the work in a Facility Operations Maintenance Plan (FOMP). The FOMP, which results in savings of both time and dollars, is the key to the success of this process.

These contracts can provide scheduled maintenance, corrective maintenance, pest management, janitorial services, grounds maintenance, biomedical equipment maintenance and repair/replacement services in support of medical or non-medical facilities. The vehicle for this simplified and streamlined process is the Indefinite Delivery/Indefinite Quantity (IDIQ) service contracts. The IDIQ contracts used for O&M services are best value, multiple-award contracts that utilize time-and-materials or firm-fixed price task orders. Through these flexible contracts, task orders are issued directly to the contractor to provide a full array of O&M services.

Facilities Repair and Renewal Program — FRR provides program/project management, engineering, contracting and construction support to multiple DoD and non-DoD agencies/locations worldwide. The program provides streamlined design-build repair/renovation and minor construction efforts on accelerated schedules. Highlighted FRR efforts in FY 2008 include Access Control Point work at eight Army locations, hurricane recovery/mitigation work in Louisiana and Mississippi, barracks improvement projects, Department of Homeland Security projects supporting Immigration and Customs Enforcement/Border Patrol, and total armory renovations for 10 Marine Corps Reserve Center locations. Because of BRAC workloads, many districts and DPWs requested Huntsville Center’s FRR services in FY 2008. FRR obligated approximately \$92 million on contracts for an average fee of 4 percent (includes in-house monies to award contracts and task orders as well as S&A [supervision and administration]). Huntsville Center served as an overflow/relief valve for the districts and DPWs regarding execution of these “smaller” Operations and Maintenance projects. Use of the FRR program (design build) versus traditional methods resulted in cost and time savings in excess of 20 percent in some cases.

Electronic Security Systems Program — The ESS program supported customers at multiple Army garrisons worldwide, the National Guard Bureau, Marine Forces Reserves, Department of Homeland Security, DoD and other federal agencies. In FY 2009, ESS awarded approximately 160 contract actions for \$43.5 million in electronic security system contracts to push the total current workload to an average of 85 projects with a contract value of \$100 million. ESS also supported the Access Control Point Equipment Program with “Automated Installation Entry” projects at Letterkenny Army Depot, Pa.; Military Ocean Terminal Sunny Point, N.C.; and Fort Campbell, Ky., through the award of \$2.2 million additional contract actions.

Heads Up Army Garrisons — A centralized “fully funded” Service Support (Call) Center to maintain and provide logistics support for ACP “Buy & Drop” equipment items for Army garrisons worldwide was established and became operational Sept. 22, 2008. The contract provides for delivery of scheduled preventive maintenance, replacement of consumables, testing and compliance with Nuclear Regulatory Commission requirements, equipment operator training, unscheduled service and repair, and replacement of unserviceable equipment. The Center is operated by Siemens Government Services and staffed from 8 a.m.- 5 p.m., Monday through Friday, U.S. Central time, except on standard U.S. government holidays. **Army garrisons are encouraged to take full advantage of this fully funded Service Support Center and submit service requests by e-mail** — ACP.callcenter@siemensgovt.com, Internet — <https://tsws.siemensgovt.com/acp/index.cfm>, or **via toll free telephone contact as provided below:**

U.S. Domestic 888-747-4435

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