



US Army Corps
of Engineers
Huntsville Center

Program Manager
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Installation Support Center of Expertise

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Public Affairs Office 256-895-1693
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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.

MILCON Transformation/Center of Standardization — The Corps is reinventing the process for MILCON because the legacy standards and processes will not provide timely, cost-effective quality facilities. The new processes provide a greater emphasis on facility planning, standardization of facilities and processes with a greater emphasis on partnering with industry. Standardizing processes means uniform requests for proposals, acquisition approaches and engineering/construction applications; expanding the use of all types of construction; and maximizing use of industry standards.

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.

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

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**

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 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.

Finally, we have awarded task order contracts for the design and construction of child development centers in the Southeast, Southwest, and Northwest U. S. These contracts are being used for execution of FY 2008 and future year CDC projects in conjunction with geographic Districts. 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 Land 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 Reserves 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.



Zussman Village, a Combined Arms Collective Training Facility, at Fort Knox, Ky.

Furniture — Huntsville Center's furniture program manages the procurement and delivery of furniture and furnishings for new and renovated barracks and administrative facilities. Huntsville Center procured barracks furniture for 44,713 Soldier living spaces and 140 administrative buildings in FY 2008, 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 —

Under ESPC, contractors provide the financing and perform energy-related infrastructure improvements, and the government repays the contractors from the resultant energy cost savings over a period of 10 to 25 years. In FY 2008, Huntsville Center awarded ESPC contracts at three installations for a total of \$58.3 million. Over the past 10 years, our energy contractors have invested over \$450 million in more than 70 energy-related infrastructure projects at 30 Army installations. We project the award of a replacement national ESPC contract in FY 2009.



An example of upgraded equipment during an ESPC project.

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 worked with stakeholders to develop requirements for a nationwide REM contract projected for award in FY 2009.

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 seven Army installations in FY 2008. Since the program began in 2006, we have completed 16 surveys identifying approximately 1,400 potential energy saving projects when implemented, could save the government \$70 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 — The \$23 million FY 2008 work plan included installing advanced meters for electricity and natural gas at 22 major installations within the continental U.S. and the planned award of a centralized Army meter data-management system software and support contract. Work to date includes finalizing specifications for advanced metering equipment and awarding contracts to install approximately 2,800 advanced meters for electricity and natural gas at 28 major installations within the continental U.S.

Utility rate interventions — In a combined effort with the U.S. Army Regulatory Law Office, the Commercial Utilities Program ensures that the costs of utilities services remain fair and

reasonable for Army installations. Since 1999, this program has achieved more than \$82 million in cost avoidances and savings to the Army and other federal agencies. During FY 2008, 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 13 installations identified \$839,000 in savings and cost avoidances. These savings primarily result from installations moving to correct tariff schedules, taking advantage of demand side management actions and installing energy management control systems.

Access Control Point Program — ACP 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. In FY 2008 Letterkenny Army Depot was awarded a task order for the installation of the AIE system and eight other installations are options under this task order. During FY 2008, six additional AIE site preparation installation projects were awarded yielding a total of nine installations in the execution phase (Letterkenny Army Depot, Fort Belvoir, Fort Campbell, Fort Carson, Fort Lewis, Fort Rucker, Fort Stewart, Dugway Proving Grounds and Redstone Arsenal). Thirty-four additional installations have been awarded and are either in site investigation or design phase. Thirteen installations in Europe are under contract for installation of ACP equipment. During FY 2008 more than \$68 million was obligated in awards for supporting the Access Control Point Program.



Gate 1 at Fort Carson, Colo.



Building on Fort Myer, Va. imploded

Facilities Reduction Program — The FRP received the most funding and the highest obligations ever in FY 2008, i.e., obligated \$26.5 million to remove 2.7 million square feet. This worldwide program is providing an overall average facility removal cost below \$10 per square foot, including asbestos abatement in most cases. FRP was awarded Huntsville Center's first ever MCA-funded demolition project in support of the executing geographic district resulting in a 45 percent savings over the demolition cost identified on tab H of the 1391.

FRP supports the Army's Operations and Maintenance (O&M) and Army Family Housing funded program to remove excess and obsolete facilities worldwide. Huntsville Center provides centralized planning and management with decentralized execution by installations and Corps districts. During FY 2008, more than 2.7 million square feet in excess facilities were put on contract for removal from the Army's real property inventory. In most cases these costs include asbestos abatement but in all cases met the new Army policy to divert no less than 50 percent by weight of the waste stream from landfills. FRP achieved cost savings of more than \$4 million in FY2008 by tighter funds control, utilizing competition between demolition contractors, and diligently utilizing industry best practices and innovative means. This program continues to make process improvements that include using thermal convection methodology to

more cost effectively remediate explosive contamination, using scrap metal brokers to gain better market value on salvaged material, developing new and better IDIQ facility removal contracts and sharing these and other means and methods on the FRP Team Page on EKO.

The new national IDIQ (Demo II) contracts being developed are divided into four regional MATOCs which will be available late third Quarter FY2009. Each region will have a capacity of \$60 million over a period of five years. These contracts use an improved acquisition strategy with standardized contract language to ensure use of industry best practices, thus improving recycling and waste stream reduction.

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 2008, 223 new orders were awarded, valued at \$21.3 million, for 62 different facilities in the continental U.S., Alaska, Germany, Italy, Korea and Iraq. The program directly supported medical facilities that treat wounded returning Soldiers from GWOT, including Walter Reed Army Medical Center, Brooke Army Medical Center, Landstuhl Regional Medical Center, and the Center for the Intrepid; Warrior-in-Transition units at six 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 2009-12, the program will expand to include larger IMMSS systems furniture requirements and non-IMMSS "loose"

furniture requirements for Army medical facilities and medical equipment.

Medical Repair 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. The program awarded more than \$171 million in medical facility repair and renovation projects in FY 2008 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.



Blanchfield Army Community Hospital, Fort Campbell, Ky.

Operations and Maintenance Engineering

Enhancement Program — OMEE was established to provide facility O&M services for DoD Medical Treatment Facilities. The program awards task orders to qualified medical maintenance contractors under the OMEE IDIQ contracts. Support includes the full range of O&M services including preventive maintenance, corrective maintenance, minor renovation projects, grounds maintenance, pest management, equipment inventories, condition assessments, aseptic management services and biomedical equipment maintenance. Currently, OMEE provides O&M services for 35 U.S. Army, U.S. Navy and U.S. Air Force medical centers for an annual value of \$76 million.



82nd Headquarters Bldg, Fort Bragg, N.C.

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 2008, ESS awarded approximately 200 contract actions for \$55.7 million in electronic security system contracts

to push the total current workload to an average of 100 projects with a contract value of \$120 million. The FY 2008 contract obligation amount represents a 138 percent increase over the \$23.4 million obligated in FY 2007. ESS also supported the Access Control Point Equipment Program with “Automated Installation Entry” projects at Forts Bragg, Carson, Campbell, Rucker, Stewart and Letterkenny Army Depot through the award of 22 additional contract actions for \$23 million, bringing the total contract obligations supported by ESS to more than \$79 million.

Heads Up Army Garrisons — A centralized “fully funded” Service Support (Call) Center to maintain and provide logistics support for ACP “Buy & Drop” equipment items (General Electric explosive detection vapor tracers and itemizers, Rapiscan x-ray equipment, portable generator light sets) 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

| <u>Country of Origin</u> | <u>Access Code</u> | <u>Telephone</u> |
|--------------------------|--------------------|------------------|
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| Japan | 0061-010 | 800-747-4435 |
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| Korea | 002 | 800-747-4435 |
| Germany | 00 | 800-747-4435 |