



U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE



The Bulletin

July 2021

Huntsville Center Pre-Award Division
named best contracting team in

USACE

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The U.S. Army Engineering and Support Center, Huntsville, engineers adaptive, specialized solutions across a broad spectrum of global enterprise covering five main lines of effort: Energy, Operational Technology, Environmental, Medical, and Base Operations and Facilities



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Collaboration delivers speedy resolution to pipeline leak

By **Connie Braesch**
DLA-Energy Public Affairs

The Fuels Program at Huntsville Center is coordinating with Defense Logistics Agency Energy's leak detection program to streamline process and better align responsibilities to save money and improve customer support.

The Fuels Program provides recurring maintenance and minor repair services to the Department of Defense and other government agencies to sustain a worldwide robust fueling capability in support of the Army, Navy and Air Force.

The program's collaboration with the leak detection program builds on DLA's 2020 fuel facilities sustainment realignment plan, which merges fuels sustainment, restoration and modernization program management and technical expertise under one command and control umbrella.

The two programs established a monthly working group to closely collaborate and share responsibilities to repair small deficiencies, conduct compliance testing and return facilities to operations quicker.

"In many ways, the two programs work hand and hand with one another to keep facilities in compliance and in good working order," said Patty Beyer, DLA Energy Recurring Maintenance and Minor Repair Program Analyst.

"The goal is to work towards a quicker and more seamless handoff between the two programs' responsibilities."

Beyer said the programs have always communicated well between one another, but the reorganization has removed barriers allowing them to better share ideas and challenges.



Courtesy photo

Close and quick coordination between the leak detection program and recurring maintenance program helped troubleshoot and resolve problems during a pipeline disruption at Mountain Home Air Force Base, Idaho.

"These small tweaks to the process are estimated to save an average of 70 site visits in extra mobilizations and \$700,000 throughout both programs annually," Beyer said.

"The team will monitor both programs as these new initiatives are implemented and will continue to look for more synergies to ensure we are meeting the Warfighter needs efficiently."

One recent success was the response to a Mountain Home Air Force Base, Idaho, pipeline disruption. Working together, both programs responded within days of notification from the Air Force applying their collective expertise to troubleshoot and identify the problem.

The teams were quickly able to resolve the situation, keep the site in good standing with the state environmental regulators and maintain mission success.

"The communication and coordination effort between the programs was the key to the success of this mission," said Jesus Ramirez, Huntsville Center Fuels Program Manager.

"A lot of moving parts were synchronized in a timely manner."

Roddra Malone, Huntsville Center Fuels Program Project Manager, said it was a superb team effort. "The entire team responded and collaborated with all personnel required to ensure the leak was repaired expeditiously so the base could continue its mission without delay," Malone said.

Without the reorganization, Beyer said this level of collaboration wouldn't have happened.

"We are slashing through organizational boundaries and empowering action officers to work smarter and faster and provide better service to the Warfighter."

Huntsville Center Pre-Award named best contracting team in Army Corps of Engineers

By William S. Farrow
Huntsville Center Public Affairs

The U.S. Army Corps of Engineers 2021 Excellence in Contracting Awards Program recognized the U.S. Army Engineering and Support Center Pre-Award Division with the Team of the Year Award.

In an email sent to the USACE contracting workforce, Jill Stiglich, USACE director of contracting, spotlighted the ten award winners, including the Huntsville Center team.

She said the nominees for each award were evaluated based on their demonstrated leadership, contracting expertise and professional development.

“With 110 outstanding nominations for individuals, teams and districts, the panels deliberated thoughtfully and earnestly identified the best of the best.”

Colleen O’Keefe, Huntsville Center contracting chief, said the Pre-award Team showed resilience and innovation.

“The team, led by Tonju Samuels, had to convert Source Selection Boards and Service Acquisition Workshops to virtual formats while maintaining the integrity of the source selection process,” O’Keefe said.

“They routinely juggle 25 major acquisitions at once, all in various phases, but they had to do it while teleworking, training new team

members and ensuring procurements stayed on schedule,” she said.

“We are very proud of their tenacity and ability to persevere in challenging circumstances.”

Pre-Award team includes: Tonju Samuels; Latosha McCoy; LaShonda Smith; KT Johnson-Cooper; Gray Rider; Erika White; Ariel Wilkins; Lyndon Jagroop; LaSheena Bentley; Debora Wells; Jason Johnston; Valerie Murphy; Julie Dennison; Fannie Robertson; Sharleen Davidson; Robin Boateng; Catherine Daly; Cynthia Jacobsen; Tamika McWilliams; Therisa Means; Anthony Angelo; Jennifer Adams; Gabrielle Jarrell; and Eddie Williams.

Planning and Programming Support branch wins national awards in two categories

Huntsville Center’s Planning and Programming Support Branch received national recognition at the American Planning Associations 2021 National Federal Planning Division Conference held on May 11-13.

During this year’s virtual FPD event, the branch won two awards:

Category 3: Outstanding Area/Site Development Plan for Joint Base Langley-Eustis, Virginia, Intelligence, Surveillance, and Reconnaissance Campus Area Development Plan.

Located north of the airfield and adjacent to historic housing, the Intelligence, Surveillance, and Reconnaissance (ISR) Campus would provide a location on Joint Base Langley-Eustis (JBLE) to consolidate cyber functions on the installation and allow for an evolving mixed-use development for the entire installation.

Category 4: Outstanding Technical Plan or Study- Joint Base Langley-Eustis 43rd Formal Training Unit Bed down Customer Concept Document.

Following the devastation from Hurricane Michael in 2018, the Air Force ordered the 43rd Fighter Squadron, which handles F-22 training, out of its home at Tyndall Air Force Base in Florida. Since then, the 43rd has been temporarily housed at nearby Eglin Air Force Base, Florida. Currently, the Air Force is performing required Environmental Impact Statements at both Eglin and JBLE to determine where to



Courtesy photo

Officials from Joint Base Langley-Eustis review the area development plan during the 43rd Formal Training Unit Bed down charrette in 2019.

relocate their F-22 training operations. The PP Branch study included relocating hundreds of personnel and their primary assigned aircraft, generating a critical need for seven facilities covered by the project proposal.

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Photo by Kristen Bergeson

Col. Marvin Griffin, Huntsville Center commander, and Kellie Williams, safety manager, (right) recognize Project Delivery Team members Tonda Madison, supervisory contracting specialist, and Clay Weisenberger, attorney, for their support of the safety program. PDT members not pictured are Chris Robbins, project manager, and Bill Seelmann, contract specialist.

PDT safety commitment lauded

By Kristen Bergeson
Huntsville Center Public Affairs

A few employees who have gone above and beyond in their support of Huntsville Center's safety program were recognized during a small, in-person awards ceremony June 7.

Col. Marvin Griffin, Huntsville Center commander, presented commander's coins and Kellie Williams, safety manager, presented safety coins to the four members of a Project Delivery Team (PDT) that played a key role in ensuring employees had continued access to resources during a critical time.

The PDT comprising Tonda Madison, Clay Weisenberger, Chris Robbins, and Bill Seelmann awarded a critical task order for the Medical Center of Expertise within four days of the request, ensuring there was no break in service for the Army employee health and welfare program (EAP) that provides employees with resources for issues such as stress, anxiety, marital or family problems or substance abuse.

The program is especially important during the pandemic as the challenges of COVID-19 have put a lot of stress on the workforce, said Williams.

"This is a great example of Huntsville Center taking care of Huntsville Center by supporting the safety and health of the workforce," she said.

Rachel Ray, an administrative officer in the Engineering Directorate, also received a commander's coin and a safety coin for outstanding support of the safety program.

One of the longest serving first aid attendants, Ray has been a mainstay in the program for more than 13 years. She volunteered to be a first aid attendant and floor monitor when she first arrived at Huntsville Center in 2008 and has been a steadfast member ever since, said Williams.

"Rachel's calm demeanor and commitment to excellence served her well as an attendant as she was able to diffuse several emergency situations that she responded to with confidence," Williams said. "The Huntsville Center safety program is better because of Rachel and her commitment to serve."

Learning Center opens doors for in-person classes

By Kristen Bergeson
Huntsville Center Public Affairs

The U.S. Army Corps of Engineers Learning Center is now offering in-person instruction for mission-critical courses at its new location at Redstone Gateway.

The center, which provides technical and professional training for USACE and other government agencies, moved from the Beville Center at The University of Alabama in Huntsville to the first floor of Building 100 Secured Gateway in March. However, all classes were held virtually until May due to COVID-19 restrictions.

With the gradual introduction of in-person training, currently limited to critical courses with on-site requirements, students and instructors are finally able to enjoy the many amenities available in and around the new center. Roy Elam, USACE Learning Center director, said the move was designed with a focus on improving two major areas: workforce security and student experience.

“Because we’re on Redstone Arsenal, we can now access the secured USACE network through wifi, which we couldn’t do from the UAH campus, so just the increased cybersecurity is a huge benefit,” said Elam. “In addition, we now have security guards and CAC-access throughout the facility.”

The ability to log in to the secure network, combined with the facility’s new state-of-the-art video conferencing tools and monitors, allows classes to virtually connect with instructors and leadership across the globe. These technological advances proved to be beneficial for the new center’s first in-person class, the Visitor Assistance Program course for USACE park rangers, said Elam.

The new center also includes eight “huddle rooms,” collaborative spaces where classes can split into smaller groups to complete projects or study based on their individual needs.

A tablet computer is posted on the outside of each room for scheduling and communicating upcoming events.

For more informal gatherings, students can go to any one of the numerous communal spaces spread throughout the facility.

Within walking distance or a short drive from the Learning Center are a hotel, multiple restaurants and a coffee shop, providing out-of-town students and instructors with all of the conveniences needed to live comfortably away from home. The center also has a dining area with concessions for students to purchase, and food trucks arrive daily with a variety of lunch options.

These amenities have a tremendous impact on the student experience, as well as the quality of learning, said Jonathan Carlisle, Northwest Division’s natural resource program manager and lead instructor for the USACE Visitor



Photo by Kristen Bergeson

A class of 41 park rangers with the U.S. Army Corps of Engineers attend the first in-person training offered at the new USACE Learning Center.

Assistance Program. He travels from Portland, Oregon, to Huntsville at least three times each year to lead the week long training and attended more than 40 classes, either as a student or as an instructor, at the center’s old location.

“Personally, being on the Arsenal and having everything close by is so much more convenient,” he said. “It also helps to make sure that students are on time for class, which is really important for decreasing interruptions.”

Prior to COVID-19, the center trained about 10,000 students each year, with more than half of those attending class in a traditional classroom setting. Though the USACE Learning Center is currently only offering in-person training for mission-critical courses, Elam said he hopes to soon fill all four of the center’s large classrooms with students.

“The better trained your people are, the more ready you are to successfully complete the operations,” said Elam.

“This new facility allows for more effective training for even more students, so it will have a huge impact on USACE as a whole.”

The Learning Center is also equipped to handle large conferences and seminars outside of the ULC’s standard catalog, said Elam.

In August, the center will host the annual USACE Safety Officer’s meeting. Nearly 100 safety officers from across the Corps are expected to attend in person, while the remaining will participate via WebEx.

Building 100 Secured Gateway is part of Redstone Gateway, a mixed-use development near Gate 9 geared towards government contractors and research firms.

The 250,000-square-foot building, located in the secured section of the Gateway that sits behind the gate, houses approximately 1,400 employees from the Program Executive Office for Missiles and Space, the FBI, USACE, and Finance Centers.



Virtual resource efficiency manager workshop attendees still see benefits, receive support

By William S. Farrow
Huntsville Center Public Affairs

More than 60 people attended Huntsville Center's virtual Resource Efficiency Manager Workshop April 27 – 29.

Attendees included U.S. Army Corps of Engineers and Department of Energy Federal Energy Management Program staff, garrison energy managers and REMs and contractor management.

Huntsville center's REM program identifies practices and projects reducing energy and water costs through a contracted subject-matter expert. REMs provide vital expertise to develop site energy plans encompassing projects that achieve sustainable, renewable, secure, resilient energy management.

John Trudell, Resource Efficiency Manager Program manager, said the best part of the workshop is the communication and sharing of knowledge and experience with each participant.

Victoria Newman, Resource Efficiency Manager for the 9th Mission Support Command, an Army Reserve unit at Fort Shafter Flats, Hawaii, agreed. She attended two previous in-person REM workshops and said although this year's event was held in a virtual environment, the workshop continues to



Locations of resource efficiency managers around the world. More than 60 people attended Huntsville Center's virtual REM Workshop April 27 – 29.

provide an opportunity to focus on the unique challenges REMs face in the field.

She also said that because of the virtual nature of the event, she believes holding the event on-line can be beneficial to many REMs due to some of the REMs distant locations related to Huntsville, Alabama.

“The in-person meetings provide more opportunity to network and connect with other REMs, however the virtual workshops make it easier for REMs from farther away—in say Europe or Japan—to attend.”

Planning From Page 4

The Federal Planning Division is one of 22 divisions under the Chicago-based, 40,000 member American Planning Association—a promotion and support organization for the community planning profession.

The APA's federal division is a worldwide network of planning professionals dedicated to protecting and enhancing federal properties while improving the quality of life for people using federal lands and facilities.

Huntsville Center's Planning and Programming Support Branch's worldwide mission provides cost-effective, centralized planning solutions while developing comprehensive

installation and facility planning studies, programming/cost-estimating documentation, and a variety of unique studies for federal clients.

Diondra Nichols, community planner, managed the JBLE planning projects.

She said the national conference not only provides federal community planners and contractors an opportunity to showcase federal planning efforts, attendees also receive valuable training via the event's workshops.

“I learned about innovative best practices in federal planning, gained new technical capabilities through skill-building workshops, networked with practitioners from other sectors and agencies and explored successful federal planning initiatives,” Nichols said.

Jimmie Jackson, Planning and Programming Branch supervisor, said he is proud of the awards and the hard work his staff put into the projects.

He said Planning and Programming is the “Alpha and Omega” of the facilities world because every facility begins life planning and programming for construction.

“The process of orchestrating and executing these elaborate actions fall upon the shoulders of competent and able Military Master Planners,” he said.

“It is through the master planning process that our planners can work with command and installation leadership to develop long-range Installation Master Plans to manage the development patterns of an installation.”



Photo by William Scott Farrow

Will Shuart, Corps of Engineers' Engineering Research and Development Center's Geospatial Research Laboratory geographer, recovers a Sensfly eBee X at Redstone Arsenal, Alabama, March 22. Shuart, flew two sorties over more than 250 acres at land adjacent to the Army Program Executive Office-Aviation complex on Redstone March 22.

Center, USACE Aviation supports Army Geospatial Research Laboratory

**By William S. Farrow
Huntsville Center Public Affairs**

The U.S. Army Corps of Engineers is seen by many as the nation's go-to organization for civil works and military construction projects. However, the Corps of Engineers is also working to provide support to Soldiers in the field, evidenced by an operation that took place at Redstone Arsenal in March.

Two members of the Corps of Engineers' Engineering Research and Development Center's Geospatial Research Laboratory, Dr. John Anderson and Will Shuart, flew two sorties over more than 250 acres at land adjacent to the Army Program

Executive Office-Aviation complex on Redstone March 22.

Flying the Sensfly eBee X Unmanned Aircraft System with a sensor payload taking three images every 50 feet, Anderson and Shuart gathered data from the flights allowing for a three-dimensional "image map" to be used as a foundation data source in concert with the Army's PEO-Soldier Integrated Visual Augmentation System, or IVAS.

IVAS is a prototype goggle jointly designed by Microsoft and the Army's Night Vision Electro-Optics Lab (NVESD) that offers Soldiers the situational awareness (SA) capabilities they need to regain and

maintain overmatch in multi-domain operations on battlefields that are increasingly urban, congested, dark and unpredictable.

Data collected from the UAS flights is used by Soldiers within the IVAS environment to gain a greater understanding and knowledge of the terrain before executing a mission and without having to physically move into an area.

According to Shuart, the data collected by the UAS isn't solely valuable because of what it allows Soldiers to see, it's the fact that the data can be delivered in almost real-time

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FLIGHT

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that is the true value of the system.

“It’s data reduction for the field,” Shuart said. “We can collect large masses of raw image data—eight gigabytes worth of data— and once it’s expanded and merged, those data could be as large as 50 gigabytes of data – or more. But the beauty of this process is that it doesn’t sit with someone behind the lines, it’s quickly compressed down to 200 megabytes of data and that can quickly be used by Soldiers in the field using the IVAS goggle or a tablet” he said.

“Field exploitation of 3D data needs to be rendered quickly and that requires small efficient data types and technology delivery – the optimal visualization of geospatial data.” Ryan Strange, Huntsville Center Unmanned Aircraft Systems Research Physical Scientist said it’s common for USACE aviation components to support each other, and the support his team provided to ERDC’s geospatial laboratory resulted in a quick turnaround for airspace authorization that would have ultimately cost Shuart and Anderson valuable time.

To plan missions and acquire authorizations required to fly a UAS over RSA would have taken more than a month. However, because Strange already has documentation in place, the flight crew was flying and mapping in a matter of days.

“Because the proper forms were in place through HNC and the Department of Army USSASSA, all that was left was the mission plan formation in HQ Aviation USACE— developed Management integration and Remote Aviation Systems program,” Strange said.

Strange is one of the pioneers in USACE Aviation and assisted USACE to establish the USACE Headquarters Aviation Program that manages training standards, system safety, program



Photo by William Scott Farrow

Ryan Strange, right, Huntsville Center Unmanned Aircraft Systems Research Physical Scientist, and Will Shuart, Engineering Research and Development Center’s Geospatial Research Laboratory geographer, keep an eye on the Sensfly eBee X Unmanned Aircraft System flight pattern displayed on a laptop computer at Redstone Arsenal, Alabama, March 22. Data from the flights allowing for a three-dimensional “image map” to be used as a foundation data source for the Army’s PEO-Soldier Integrated Visual Augmentation System.

oversight and compliance with DoD policy.

Small unmanned aircraft systems offer the potential for cost-effective surveying and data collections while offering new and improved tools and methods to collect data and aerial imagery, Strange said.

Strange said imagery and video are proving essential for USACE operations to inspect infrastructure, emergency management and communicating with the public through aerial video.

“The Corps’ use of small unmanned

aircraft systems is expanding, and research continues and ERDC testing this new technology for its application for IVAS technology is another example of UAS applications within the Corps expanding quickly,” Strange said.

“Although we are more effective in using UAS as a geospatial tool, we are certainly seeing the program continue to grow and the USACE Aviation community is relying more-and-more on each other to ensure our growth,” Strange said.

Fuels Program delivers cost-saving services to Anderson Air Force Base

By Kristin Bergeson
Huntsville Center Public Affairs

Guam may be a tropical island paradise for residents and visitors, but its warm climate and salty, humid air wreak havoc on fuel infrastructure at military installations on the island.

In order to proactively combat this problem and protect vital fuel systems at Anderson Air Force Base, Huntsville Center and Defense Logistics Agency (DLA) Energy teamed up with installations on Guam to provide ongoing maintenance that reduce costly large-scale corrective repairs.

“Guam is in an environment that is more corrosive than a lot of the environments we deal with because it’s out in the middle of the ocean,” said Rich Resler, project manager, Huntsville Center Fuels Recurring Maintenance and Minor Repairs Program.

“When we got involved 18 months ago, there were some significant mechanical repairs and a lot of coating work that needed to be done.” In 2018, DLA Energy funded a corrosion control survey of the installation’s entire fuel system, resulting in a series of service orders and projects. In order to effectively and efficiently complete this work, Huntsville Center was able to complete initial repairs quickly and efficiently by leveraging contract coverage via a newly awarded task order. Service orders were utilized for this work via the Corrective Maintenance Contract Line Item, said Ron Brook, former Fuels Program manager.

“Service orders are usually in and out, but we were able to significantly reduce deployment costs by implementing a phasing plan to address all of the repair needs associated with the fuel systems,” said Brook.

“We had to process and plan each



Courtesy photo

A U.S. Air Force Airman drags a fuel hose as part of Agile Combat Employment (ACE) multi-capable Airmen training at Northwest Field during Cope North 21 at Andersen Air Force Base, Guam, in February. A Huntsville Center Fuels Program project is just a small part of an ongoing effort to protect vital fuel systems from the corrosion that pervades infrastructure on the tropical island.

service order to prevent gaps and keep a crew on the ground for the duration of the initial repairs.”

According to Resler, refining the service order approach also allowed Huntsville Center to apply what they learned from one project to other similar tasks, ultimately increasing quality while decreasing costs.

“The best example of that is the coatings,” he said.

“We noticed that, in one location, they had not used the correct type for that environment, so we were able to examine that holistically and ensure the proper one was being used across the island.”

Rhonda Fetner, Fuels lead program engineer, explained the importance of coatings.

“Ensuring carbon steel fuel systems are properly coated with a three-part coating system specialized for use in these types of climates is a crucial part of the RMMR Program’s preventative

approach,” said Fetner.

“Coatings such as the one used at Andersen has been tested and approved for use by USACE Paint Technology Center (PTC) to prevent further deterioration of the system.”

The Fuels Program’s unique method of organizing smaller service orders is being used as a model for other sites in the region and other remote locations, such as Hawaii, Brook said.

Though the initial service orders for Fuels repair work, which included multiple installations on the island, is nearing completion, a new contract for ongoing maintenance was awarded in January.

“While there’s still work to be done, it’s in a much more sustainable condition at this point,” Resler said.

“Going forward, we’ll be able to develop much more of a routine maintenance activity rather than the significant repairs we’ve been doing.”



Contract extends smart infrastructure, energy efficiency, resiliency for Dyess Air Force Base

By William S. Farrow
Huntsville Center Public Affairs

An Energy Savings Performance Contract awarded by the U.S. Army Engineering and Support Center, Huntsville, is expanding critical energy efficiency and resiliency work at Dyess Air Force Base, Abilene, Texas.

The base will upgrade to newer energy efficiency systems for cooling, heating, lighting and water conservation while simultaneously incorporating enhanced resiliency with new on base power generation and storage capabilities.

All work under the current task order is valued at more than \$60 million, paid for by annual energy savings of more than \$4.5 million, covering the full cost of implementation over the more than 20-year performance period of the contract awarded to Siemens Government Technologies, Inc.

Huntsville Center is considered an expert in Energy Savings Performance Contracts for Department of Defense service branches. In consultation with the military installation, an Energy Service Company, or ESCO, provides capital and expertise to make comprehensive energy and water reduction, energy resilience and security efficiency improvements on facilities, and maintains them in exchange for a portion of the generated savings.

The energy efficiency improvements for Dyess AFB will not only reduce total energy consumption but also enhance the total base islanding capability in the event of disruption to the existing utility-connected grid.

New distributed energy resources will be tied in to the two existing power substations on base, with the addition of two new natural gas reciprocating internal combustion engines and a battery energy storage system. The two substations will then be connected via a distributed generation resiliency management system to control the distribution of power across the base – anticipating periods of high demand and leveraging the lowest cost of energy generation available at that time – and conversely reclaiming energy surplus through battery storage when demand is low, to return power to the grid when it's needed the most.

Dale Adkins, Huntsville Center ESPC project manager for the Dyess project, said the advantages of implementing ESPC projects through Huntsville Center include a standardized and streamlined processes and centralized project management.

“Our dedicated and experienced project development team execute ESPC’s for the Air Force with responsive technical engineering, contracting, and legal support,” Adkins said. “This project not only provides energy savings to the Air Force, but also ensures the Airmen at Dyess Air Force



Courtesy photo

Aircrew members with the 39th Airlift Squadron walk toward a C-130J Super Hercules aircraft on the flightline at Dyess Air Force Base, Texas, Dec. 9, 2020. Huntsville Center, considered an expert in Energy Savings Performance Contracts for Department of Defense service branches, recently awarded an ESPC to upgrade to newer energy efficiency systems there saving the base more than \$4.5 million annually.

Base are delivering credible, adaptive, and decisive combat power.”

The ESCO for the project is Siemens Government Technologies with financing for the project made possible by Siemens Financial Services.

“We’re proud to develop innovative financing solutions that advance energy conservation measures for SGT’s federal clients,” said Anthony Casciano, Siemens Financial Services, Inc. president and CEO.

“We look forward to more ESPC projects that promote both energy and cost savings.”

Dyess Air Force Base encompasses more than 6,409 acres with more than 200 facilities and is home to more than 13,000 military and civilian employees.

About Huntsville Center

HNC

Unique to the U.S. Army Corps of Engineers,

Huntsville Center provides innovative engineering solutions to complex, global missions. Our team of professionals engineer adaptive, specialized solutions across a broad spectrum of global enterprise covering five main lines of effort: Energy, Operational Technology, Environmental, Medical, and Base Operations and Facilities. Our portfolios comprise 43 program areas, as well as nine mandatory and six technical centers of expertise, and 17 centers of standardization. Through partnership with Department of Defense agencies, private industry and global stakeholders, we deliver leading edge engineering solutions in support of national interests around the globe.

FY2020 40+ Programs

9 Mandatory Centers of Expertise,
6 Technical Centers of Expertise
and 17 Centers of Standardization

\$ 2.4B

**“HNC Delivers
Innovation”**

In fiscal 2020, Huntsville Center awarded contract actions totaling more than \$2.4 billion in obligations for its stakeholders. More than \$800 million were small business awards.



The U.S. Army Engineering and Support Center, Huntsville, engineers adaptive, specialized solutions across a broad spectrum of global enterprise covering five main lines of effort: Energy, Operational Technology, Environmental, Medical, and Base Operations and Facilities