



US Army Corps
of Engineers
Charleston District

Program Fact Sheet

Support to DOE and NNSA at Savannah River Site

Program Description and Location:

Savannah River Site (SRS) is an approximately 310-square mile site that is located 12 miles south of Aiken, South Carolina and is managed by the Department of Energy (DOE). It is bordered on the west by the Savannah River and Georgia and is close to several major cities, including Augusta and Savannah in Georgia and Columbia, Greenville, and Charleston in South Carolina. SRS is located in an area that local residents refer to as the Central Savannah River Area, or CSRA. Established in 1950 by the Atomic Energy Commission, initial construction at SRS began in the early 1950s to support the production of tritium and plutonium for our nation's defense programs and nuclear stockpile. Currently, the three primary DOE mission areas - nuclear weapons stockpile stewardship, nuclear materials stewardship, and environmental stewardship - are supported at SRS. Focus on these mission areas has led to continuing missions in tritium reprocessing and defense waste processing, as well as environmental remediation and waste clean-up efforts.

Program Current Status:

As of 29 April 2020 - Charleston District continues to support DOE at SRS through an Interagency Agreement (IA) that was executed in June 2010, which replaced an earlier agreement executed in August 1985 between the DOE Site Manager at SRS and the USACE Chief of Engineers. Charleston District supports DOE at SRS within two major categories of work - Project Management Services and Design/Construction Management Services. Under Project Management Services, Charleston District provides general project management services, cost estimating, economic studies, design reviews, value engineering studies, and construction surveillance. Under Construction Management Services, Charleston District provides design, procurement, and construction services. All design/construction projects have been facility and infrastructure related. Charleston District has also been able to support work at other DOE facilities nationwide on tasks assigned by DOE-HQ, utilizing other District and Laboratory resources through the "One Door to the Corps" policy.

Since 2004, Charleston District has also been providing project and construction management service support to the National Nuclear Security Administration (NNSA) at SRS. NNSA is a semi-autonomous agency within DOE that is responsible for enhancing national security through the military application of nuclear energy and non-proliferation of nuclear materials.

Charleston District is currently providing technical support to NNSA on the Mixed Oxide Fuel Fabrication (MOX) Facility project transition, including contract close-out actions, and development of Plutonium-related programs using the remnant MOX facility.

With Savannah District Real Estate Division assistance, Charleston District continues to provide periodic support to DOE-EM for realty and lease renewal actions to support off-site air and ground water monitoring equipment locations and on-site cell tower installations.

Charleston District also supports DOE-HQ through CERL for environmental auditing and other tasks directly scoped between DOE-HQ and CERL.

In FY18, Charleston District supported DOE-EM at SRS to complete replacement of swing arms at selected SRS entrance barricades. The contract was awarded in Nov 2017 and physically completed in Dec 2017. Charleston District also completed development of a cost estimate for design and construction of a drum storage facility at SRS.

In FY19 and FY20, Charleston District supported DOE-EM at SRS by developing a concept design for replacement of an Entrance Barricade and is prepared to support future full design and construction pending internal discussion and funding approval. Charleston District has also coordinated with Savannah and Mobile Districts to develop a hydraulic analysis and recommended alternatives for improvements to the PAR Pond Dam at SRS to address the results of a Potential Failure Mode Analysis. In FY19, Charleston District also provided a design and construction estimate to NNSA for a new headquarters building. Charleston District also developed a support estimate for completion of an Environmental Baseline Study (EBS) and an



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Support to DOE and NNSA at Savannah River Site

Environmental Assessment (EA) for planned solar farm at SRS and for AMC Facility to be constructed on the USC Aiken Campus.

Future Activities:

In FY21 and outyears, Charleston District will continue to support DOE and NNSA on Task Orders 1 and 2 projects assigned through the DOE-EM IA, including support for task assigned from NNSA.

Charleston District is forecasted to continue to provide support to NNSA for the MOX project through July 2020 when the transition will be completed. Real Estate support through SAS-RE and environmental support through CERL will continue as specific tasks are assigned. DOE expects to assign the EOC design in FY21 and construction in FY23 to Charleston District pending DOE internal program determinations and funding availability. Further design and construction support for PAR Pond Dam improvements will depend on the direction in which DOE decides to proceed pending review of the submitted engineering analysis and alternatives development. DOE expects to assign the Barricade Replacement design and construction to Charleston District in FY20 and FY21 respectively, pending funding availability. Other tasks that Charleston District has supported remain to be decided on by DOE-EM and NNSA.

Charleston District has access to a full range of engineering, procurement, construction, administrative, and advisory staff that are available to support DOE and NNSA in their efforts to support the current missions at SRS. The amount and nature of assigned work continues to vary over time.

Program Sponsor:

Department of Energy and National Nuclear Security Administration

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Program Fact Sheet

Support To Defense Logistics Agency (DLA)

Program Description and Location:

Charleston District provides support to 3 DLA Installation Management activities - Distribution, Disposition, and Energy.

DLA Distribution has 22 CONUS (including Pearl Harbor, HI) and 5 OCONUS distribution centers located worldwide. Their facilities footprint includes 60M square feet in 11,000 buildings. DLA Distribution is the leading provider of global distribution support to America's military, including receiving, storing, and issuing supplies, as well as other tailored services to increase Warfighter readiness. DLA Installation Management for Distribution, located in New Cumberland, PA, provides environmental protection, equipment management, facilities engineering, industrial engineering and public safety support functions in an effective, efficient and timely manner within regulatory guidelines to DLA Distribution. In 2009, DLA Installation Management for Distribution reached out to Charleston District to provide single-door access to USACE for support of their SRM (Sustainment, Repair, and Maintenance) work, including overhaul of fire suppression systems throughout their CONUS footprint.

DLA Disposition serves the military in 16 foreign countries, 2 U.S. territories (Guam and Puerto Rico), and 41 states and disposes of excess property received from military services, first offered for reutilization within the Department of Defense (DoD), transfer to other federal agencies, or donation to state and local governments and other qualified organizations. DLA Installation Management for Disposition, located in Kellogg, MI, coordinated with Charleston District in 2017 through DLA Installation Management for Distribution to provide Facility Investment Services (FIS) support at installations where Distribution and Disposition were co-located. More recently, DLA Installation Management for Disposition has tasked Charleston District to provide SRM support at specific Disposition facilities.

DLA Energy is located worldwide and provides the Department of Defense and other government agencies with comprehensive energy solutions and support for fuel and energy-related operations. DLA Installation Management for Energy is located at Fort Belvoir, VA. Since 2011, Charleston District has provided Cathodic Protection (CP) support at multiple Army sites (CONUS and OCONUS) where DLA fuel tanks and systems are located. Charleston District provides in-house and contracted survey and repair support for installed CP equipment and systems.

Goods and services provided by Charleston District include project management, contract award and administration, design (both in-house and A/E), technical support and construction management.

Program Current Status:

As of 16 November 2020 - Charleston District is currently executing work for DLA Installation Management for Distribution, Disposition and Energy at assigned CONUS and OCONUS locations. Program execution includes planning, design services, and construction and service contract awards on a national and international level. The scope of supported work includes SRM, Fire Protection, Facility Investment Services (FIS) and CP improvements, maintenance and repairs consistent with the respective missions. FIS support includes regularly scheduled preventative maintenance, services calls, and task order responses for small repairs.

Based on direction from DLA Installation Management Headquarters, Charleston District has completed contracted professional services support for their Audit Assertion Real Property initiatives.

Current execution forecast for FY21 is \$40M.

Future Activities:

Charleston District will continue to provide support to DLA Installation Management for Distribution, Disposition, and Energy on an annual basis. Projected workload in FY22 and out-years is \$40M annually for SRM, Fire Protection, Cathodic Protection, and Facilities Investment Services (FIS) support.



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Program Fact Sheet

Support To Defense Logistics Agency (DLA)

Program Sponsor: Defense Logistics Agency

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Program Fact Sheet

Support to Department of State

**Program Description
and Location:**

The Department of State (DOS) Charleston Regional Complex (CRC) is located at the Charleston Federal Complex on the old Naval Base in North Charleston, SC. DOS provides a variety of service offices at the CRC, to include Human Resources, the Charleston Passport Center, which supports coordination and issue of secure travel documents to U.S. citizens, and the Bureau of the Comptroller and Global Financial Services, which provides DOS's core financial services, with nearly 24/7 financial services to DOS, USAID and more than 45 federal entities worldwide.

**Program Current
Status:**

As of 29 April 2020 - Charleston District has completed all current actions for DOS at their Charleston Resource Center, located at the Charleston Federal Complex. No additional support is currently projected for FY20.

Future Activities:

There is potential to support additional building renovation projects and design and construction of a new parking structure for DOS at their CRC located at the Charleston Federal Complex, subject to pending DOS decisions on new projects and funding priorities.

Charleston District has access to a full range of engineering, procurement, construction, administrative, and advisory staff that are available to support DOS design and construction initiatives at their CRC.

Program Sponsor:

Department of State

Program Manager Name:

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Program Fact Sheet

Support To Fort Jackson

Program Description and Location:

Fort Jackson is located in Columbia, SC and represented by Congressman Joe Wilson (SC-2). It is the largest and most active Initial Entry Training Center in the U.S. Army, training 50 percent of all Soldiers and 80 percent of the women entering the Army each year. Fort Jackson is home to the U.S. Army Soldier Support Institute, the U.S. Army Chaplains Center and School and the National Center for Credibility Assessment (NCCA).

The fort includes more than 52,000 acres, including more than 100 ranges and field training sites and 1,160 buildings. The fort continues to grow as a result of the Base Realignment and Closure Commission's decision to make Fort Jackson the home of the Army's only Drill Sergeant School, the Armed Forces Chaplain Center and the 81st Regional Reserve Command. The U.S. Army Corps of Engineers, Charleston District took over as the Design Construction agent in June 2008.

Program Current Status:

As of 30 Nov 2020 - Currently, Fort Jackson's 2021 Program includes 3 Military Construction Army (MCA) Project estimated at \$200M, a Preventative Maintenance Contract award estimated at \$5M and 2 Operation and Maintenance, Army (OMA) projects estimated at \$7M. Typical facilities at Fort Jackson include barracks, dining facilities, battalion headquarters, classrooms administrative buildings and ranges. Fort Jackson currently has approximately \$78M under construction.

FY21

MCA

Reception Station Complex, Ph1 - \$60M

Basic Training Complex 4, Ph2 - \$52M

Reception Station Complex, Ph2 - \$88M

OMA

Chaplain Bldg 10098 Renovation - \$5M

Courthouse Bldg - \$2M

Preventive Maintenance - \$5M

Total - \$212M

Future Activities:

Charleston District will continue to provide support to Fort Jackson on an annual basis as workload and funding is provided from the customer. SRM budgets are estimated to remain similar. FY21 program is expected to be higher than the FY20 Program or close to \$212M in MCA and OMA projects.

Program Sponsor:

Fort Jackson

Program Manager Name:

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Program Fact Sheet

Support To Joint Base Charleston

Program Description and Location:

The Joint Base Charleston (JBC) community encompasses more than 20,000 active-duty, reserve and civilian personnel, located on the Air Base and the Weapons Station which together makeup 20,400 acres. Personnel at the Air Base, Weapons Station, the local community and the Department of Defense believe Joint Basing is the stepping stone to making Charleston a Joint Logistics, Transportation and Engineering Hub and the worldwide leader in moving people, vehicles, munitions, and supplies via air, land, sea, and rail.

Joint Base Charleston is unique with over 53 tenants. Joint Base Charleston is comprised of Air Force, Navy, Army, Marine Corps, Coast Guard, Homeland Security, and other DOD missions - all working together in the global fight against terrorism.

Program Current Status:

As of 29 April 2020 - In FY 19 we awarded 16 projects at JBC with customers including Naval Information Warfare Command (NIWC), the Surface Deployment and Distribution Command (SDDC), Naval Health Clinic Charleston (NHCC), the Naval Consolidated Brig, Joint Base Charleston (JBC) and the Nuclear Power Training Unit (NPTU). Total awards amounted to \$21M.

Significant projects include the following:

- \$61M Visitors Quarters building, a new construction 266 room hotel.
- \$16.2M Water Intrusion Repairs at NHCC.
- \$9M Temporary Lodging Facility, new construction 16 unit apartments.
- \$3.1M Lighting Repairs at JBC.
- \$2.3M Repair Building 3410 at NIWC.
- \$3.4M Repair Various Buildings at JBC (Short Stay).
- \$1.7M Repair Building 3414 at NIWC.
- \$2.7M HVAC Repairs at NHCC.

The FY 20 workload is projected to be higher than average once again. Significant awards thus far include:

- \$8.3M Repair Corrosion Control Facility B515 at JBC.
- \$2.8M Repair Industrial Maintenance Complex Pavements, Area G at JBC.

We are continuing to work toward the projected award of a \$8M project to repair TC Wharf for SDDC and multiple construction contracts for Brig, NHCC, and JBC. Overall, the FY20 workload is projected to be approximately 12 contract awards valued at \$19M.

Future Activities:

Charleston District will continue to provide support to JBC on an annual basis as workload and funding is provided from the customer. SRM budgets are estimated to remain similar. The FY21 program is expected to be similar to the FY20 Program (20 projects valued at \$7M).

Program Sponsor:

Joint Base Charleston

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Program Fact Sheet

Support to Marine Forces Reserve (MARFORRES)

Program Description and Location:

Marine Forces Reserve, located in New Orleans, LA, is the Headquarters command for all Marine Reservists and Reserve units located throughout the US. The MARFORRES staff provides policy, guidance, direction, and support to 104,000 Reserve Marines. MARFORRES has engaged USACE Charleston District to provide the services below at approximately 120 Marine Corps Reserve Centers (MCRCs).

FACILITIES PROGRAM

Preventive Maintenance and Facilities Services (PM/FX)

Charleston District provides PM/FX services through four regional contracts. PM services maintain building systems, provide routine maintenance, and execute large-scale repairs as required (boilers, chillers, etc.). FX services include custodial, waste removal, grounds maintenance, pest control, and snow removal.

Intrusion Detection Systems (IDS)

Charleston District contracts IDS services to immediately warn of any unauthorized entry or attempted penetration of MCRC armories or secure data spaces. Alarm system integrity is also monitored. IDS services include installation, monitoring, inspection, repair, and testing of systems at 121 sites. IDS monitoring is performed around the clock.

ENVIRONMENTAL PROGRAM

Vehicle Wash System

Charleston District provides contract support for the installation, maintenance, and repair of vehicle wash systems at MCRCs.

FACILITIES SUSTAINMENT, RESTORATION, AND MODERNIZATION

Charleston District provides renovation and repairs to MCRCs throughout CONUS to include roofing, floor plan changes, HVAC systems, electrical, plumbing, flooring, finishes, etc.

Program Current Status:

Contract awards for the FY20 program totaled \$43M. Anticipated contract awards for FY21 program total \$55M.

Future Activities:

Charleston District will continue to provide support to the MARFORRES Program on an annual basis, the scope of which will adjust as MARFORRES continues to transition additional tenant facilities to owned facilities that will increase the inventory of MCRCs and other facilities that are directly inspected, maintained, and repaired through established program initiatives.

MARFORRES has started to utilize UMMC funding for large scale projects and Charleston has successfully transitioned 2 Brooklyn Projects to NY District. An additional project at Windy Hill, GA will be managed by Charleston.

Program Sponsor:

Marine Forces Reserve

Program Manager Name:

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Program Fact Sheet

Support To Veterans Affairs (VA) - VHA and NCA

Program Description and Location:

In September 2007, USACE and the VA executed an MOA to provide support to the VA for workload in 3 primary VHA Program areas: Emergency Supplemental (ES) Program, Non-Recurring Maintenance (NRM) Program, and Minor Construction Program. Charleston District provides support to the VA within their Veterans Integrated Support Network (VISN) 7 region, to execute assigned design, vertical construction and renovation projects in each of the 3 Program areas. Projects supported are located at 4 VA Medical Centers located in Charleston, SC; Columbia, SC; Augusta, GA; and Dublin, GA. Charleston District's support to VISN 7 is coordinated through the Capital Asset Management Support office at their VISN 7 office located in Tuscaloosa, AL. In March 2011, a new IAA was executed between the VA and USACE, restructuring the program support requirements and establishing an extendable working relationship through March 2016. In July 2015, USACE and the VA executed an updated IAA, establishing an additional extendable working relationship through June 2020, principally for support to the VA's Major Construction Program, with continued support to the Minor Construction and Non-Recurring Maintenance (NRM) Programs and other assigned support areas.

In 2014, USACE and the National Cemetery Administration (NCA) executed an IAA, effective through 2018, to procure architectural and engineering management, construction management services, acquisition services, and related work. Through this IAA, Charleston District has been assigned the Phase 2 Cemetery Expansion project at the Fort Jackson National Cemetery, for which design, acquisition, and construction services will be provided to expand the existing cemetery capacity into the Phase 2 site layout areas depicted in the approved 2009 Cemetery Master Plan. In Feb 2019, a new IAA was executed between USACE and the NCA that extends USACE support until Feb 2024.

Program Current Status:

As of 29 April 2020: Charleston District has completed 32 projects through the VA VISN 7, totaling \$48.8M, 24 of which involved vertical construction of new facilities, renovation of existing facilities and installation of system upgrades at each of the 4 VA Medical Centers (VAMC) supported by the District. The remaining 8 projects supported development of design packages that were used by the VA to support future facility improvements or system upgrades at 3 of the 4 VAMCs or provision of design services for contracts awarded by the VA.

In 2008, Charleston District responded to a VA request to support a project through VA VISN 10 at the VAMC located in Chillicothe, OH. In partnership with Huntington District, Charleston District completed a large boiler plant rebuild project, which included installation of a biomass boiler. This project was successfully completed at a total project cost of \$26.3M.

In 2014, Charleston District completed a planning study for the VA Consolidated Mail Outpatient Pharmacy (CMOP) National Office. The purpose of the study was to develop design requirements specific to the CMOP facilities and analyze the CMOP processing requirements to develop recommendations on CMOP facility size and functional capabilities that will support future decisions on development of new CMOP facilities. Total cost of the study was \$429.7k.

In 2015, Charleston District initiated support for a Boiler Plant Rebuild/Cogeneration project to be constructed at the VA Medical Center in Dublin, GA. Total project funding is ~\$16M. A construction contract was awarded in Sep 2016 for ~\$12.6M; current construction cost is ~\$14.8M. Construction started in Nov 2016 and is currently at 99% complete. Physical construction is currently scheduled to be completed by Jan 2020.

In 2016, Charleston District executed a Support Agreement to support construction of a parking deck at the VA Medical Center in Columbia, SC. Total project funding is ~\$9.1M. A construction contract was awarded in Jan 2018 for ~\$8.1M; current construction cost is ~\$8.5M. Construction started in April 2018 and is currently at 97% complete. Physical construction is currently scheduled to be completed in Dec 2019.



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Support To Veterans Affairs (VA) - VHA and NCA

In late FY17, Charleston District executed Support Agreements for 4 new projects: Medical Clinic (~\$7.1M estimated construction value [ECC]), Behavioral Health Center of Excellence (~\$7.1M ECC), Center for Rehabilitative Services (~\$7.7M ECC) and Prosthetics & Sensory Aid Center (~\$6.8M ECC). Charleston District is currently developing the solicitation packages for each of these projects, with advertisement and award for all projects scheduled in the 2nd or 3rd Qtrs FY20, based on provision of updated VA A-E designs.

In FY20, Charleston District executed 2 new IAAs with the Columbia VAMC and 1 new IAA with the Charleston VAMC. These 3 new IAAs will support Design-Bid-Build construction of an Outpatient Optometric Treatment Center (~\$7.0M ECC) and a Phase 2 Parking Garage Expansion (~\$7.4M ECC) at the Columbia VAMC and the Design-Build construction of a C&P Clinic (~\$7.2M ECC) for the Charleston VAMC at Joint Base Charleston (JBC). Charleston District is working with each VAMC to award these projects in FY21. Charleston District is also in process of executing a new IAA with the Charleston VAMC for a Parking Garage Design-Build project to be awarded in FY21.

In FY18, Charleston District executed an IAA with the NCA to execute the Phase 2 Cemetery Expansion project (~\$11.0M ECC) at the Fort Jackson National Cemetery located near Columbia, SC. Charleston District awarded the Design-Build construction contract in 2nd Qtr FY20. Charleston District coordinated with Huntsville Engineering Center to complete the UXO survey/remediation contract; this coordination will continue during construction with Huntsville Engineering Center providing XUO on-site support. Charleston District also worked with Fort Jackson Forestry and Savannah District Real Estate to execute the awarded timber harvesting contract.

In 2018, Charleston District also supported the Columbia and Dublin VAMCs during recent Congressional-requested GAO audit inquiries for the 2 active projects at those VAMCs - Boiler Plant Rebuild project and Parking Garage Construction project. The GAO report was released in July 2018.

Future Activities:

In FY21 and out years, Charleston District will continue to routinely coordinate with the VISN 7 CAM on the projects listed above that are underway as well as for projected work within the Non-Recurring Maintenance (NRM) and Minor Construction Programs that may be assigned to the District to execute as well as Major Construction projects pending approval for Charleston and Columbia.

Charleston District has access to a full range of engineering, procurement, construction, administrative, and advisory staff that are available and strategically positioned to support the VA in their efforts to execute their respective programs. Charleston District also has the capability and experience to provide support to other VA VISNs and other VA programs as needed for VA design and construction workload.

Program Sponsor: Department of Veterans Affairs

Program Manager Name:

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Program Fact Sheet

Support to the 81st Readiness Division (RD)

**Program Description
and Location:**

The Headquarters of the 81st Readiness Division (RD) is located in Columbia, SC on Fort Jackson. The 81st RD provides essential customer care and facility services to Soldiers, Civilians and their Families in the Southeast Region of the United States and Puerto Rico. This enables their supported Commanders and leaders to maximize resources and meet global requirements. The 81st RD has a need for recurring Preventive Maintenance/Facility Investment and Municipal services for their facilities at over 300 sites (totaling over 700 building structures) located in 9 Southeastern states and Puerto Rico.

**Program Current
Status:**

In FY20, Charleston District awarded 188 contracts, contract options, and task orders in support of the 81st RD's recurring facility maintenance program at a total cost of \$19M. Additionally, Sustainment, Restoration, and Modernization (SRM) construction projects were awarded in the amount of over \$14M. Thus, over \$33M awarded in FY20 in support for 81st RD facilities.

Future 81st RD program years are expected to stay consistent at \$35M to \$40M with recurring services and repairs. This estimate includes continuous emergency hurricane, tornado, and other disaster response repairs to 81st RD facilities throughout the south-eastern U.S. and Puerto Rico.

Future Activities:

Charleston District will continue to provide support to 81st RD on an annual basis as workload and funding is provided from the customer.

Anticipated FY21 Execution: \$35-40M.

Program Sponsor:

81st Readiness Division (RD)

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