

# Army Partnership Program

## G-9 Mission

The DCS, G-9 administers the II PEG, leads the Army's Quality of Life effort, implements, integrates, supervises and assesses execution of policies, resources, plans, and programs for the Installation Enterprise to enable ready, prompt, and sustained land dominance by Army forces.



## G-9 Vision

Professional experts championing Installation Enterprise Readiness and delivering unmatched Quality of Life to our People.



**Dave Leinberger**  
**Chief, Army Community Partnerships**  
**Deputy Chief of Staff, G-9, (Installations)**

**The Army Community Partnership (ACP) Program is dedicated to assisting the entire Army Enterprise and partners in identifying the appropriate partnership authority tool to execute mutually beneficial partnerships.**

## **Goals:**

- Enhance Quality of Life for Soldier and their families, as outlined by the Chief of Staff of the Army's QoL Initiatives
- Create cost savings/avoidance and efficiencies for the Army and Community
- Sustain and improve support services for Soldiers and their Families, and the Community
- Strengthen relationships between the Installation and surrounding Communities
- Implement Army lessons learned and best practices for the installation and land holding command pilot partnership programs



Build Lasting Relationships

Connect Partners

Train & Coach

Seek Win-Win

**GET TO YES**

Generate Ideas

Provide Structure

Work with Communities

Discern Needs & Capabilities





## DoD COMMUNITY PARTNERSHIP TOOLS

<b>COOPERATIVE AGREEMENT</b>	<i>Support by transferring something of value with substantial involvement of parties</i>	<b>GRANT</b>	<i>Transfer something of value where substantial involvement of both parties is not expected</i>
<b>MUTUAL AID AGREEMENT</b>	<i>Routine assistance for public safety with local jurisdiction</i>	<b>LICENSE</b>	<i>Temporary use and non-exclusive possession of DoD property to non-federal party for a specific term</i>
<b>LEASE</b>	<i>Allows a party to use a specific portion of installation DoD Property</i>	<b>TAA</b>	<i>Training Affiliation Agreement: No-cost legal agreement for training between two or more institutions</i>
<b>MOA</b>	<i>Memorandum of Agreement: Specific terms and responsibilities between parties with commitment of resources and compensation</i>	<b>IGSA</b>	<i>Intergovernmental Support Agreement with a state or local government to provide, receive, or share installation-support services that the local partner currently performs</i>
<b>MOU</b>	<i>Memorandum of Understanding: Agreement where no funds or resources of value are exchanged</i>	<b>EUL</b>	<i>Enhanced Use Lease: Method for funding construction on federal property by allowing a private developer to lease underutilized property</i>



## The Joint Services Partnership Committee (JSPC)

### Purpose

- Support the creation of partnerships throughout the military services
- Information sharing and coordination across each service to ensure success for partnerships

### Speaking Engagements

- We speak with our local communities to share best practices and lessons learned throughout the DoD enterprise.
- JSPC offers support to inspire innovative partnerships across the services.



### Goals

- Establish regional, cross-service partnerships to provide mutual benefit for all partners.
- Promote policy to encourage innovative and mutually beneficial partnerships



# Innovative Energy Partnerships

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## Partnerships for Energy Resilience – How the Community Can Help

- **Resource sharing**
  - Strong relationships maximize partnership effectiveness
  - Dedicated shared resources solve shared problems.
  - Partnerships create mutually beneficial solutions for the installation and their community partner.
- **Focused Resilience**
  - Community partnerships removing burdens placed on our service members.
  - Supporting installations in the community allows soldiers to focus on their training and the Army to dedicate more resources towards developing resilience.
- **Long-Term Resilience Planning**
  - Strong relationships create long-term emergency and resilience plans.
  - Builds the communication channels necessary to future collaboration.

## Army's Energy Resilience Strategy

### Installation Energy and Water Strategic Plan (IEWPs)

- Targeted at addressing emerging climate threats
- Goals: Resilience, Efficiency, Affordability
- Strategies: Microgrids, Energy Storage, On-Site Generation, Renewables, SMRs
- Opportunity for innovative energy partnerships to leverage partner capacity, expertise, and emerging technologies.

### 2022 Army Climate Strategy

- Microgrids on all installations by 2035
- Mandates 14 days of energy independence in the event of a crisis

## Partnership Spotlight: Fort Liberty Floating Solar Farm with Duke Energy & Ameresco

The DoD's first floating solar farm is a collaboration between Fort Liberty, Duke Energy, and Ameresco. This utility energy service contract project will provide carbon-free on-site generation, supplement power to the local grid, and provide backup power for Camp Mackall during electricity outages. This partnership helps reduce the Army's carbon footprint while increasing our energy resilience.





## Microgrids

### Purpose

- Self-Contained energy generation and transmission
- Create installation energy independence with onsite generation capabilities

### Function

- Provide energy generation, transmission, and storage to an installation in the event of an outage
- Limited energy distribution to the surrounding community



### Partnerships

- Utilize local expertise to develop infrastructure
- Develop energy resilience strategies

## Fort Hunter Liggett Fully Renewable Microgrid

- Solar generation capacity
- Battery Energy Storage System (BESS)
- Only DoD Microgrid fully powered by renewables
- Mitigate frequent outages during Wildfire season
- Reduced dependence on fragile public grid
- \$21.8M total cost



## Partnerships

- Fort Hunter Liggett utilized partnerships including Ameresco, the Lawrence Berkely National Laboratory, the U.S. Army Corps of Engineers, the Army Reserve Installation Mangement Directorate's Sustainment and Resilience Division, and the California Energy Comission



## Fort Detrick Advanced Renewable Microgrid System

- Solar generation capacity
- Battery Energy Storage System (BESS)
- Supports installation operations during normal usage through frequency regulation.
- Supports the installation and community during outages.
- Increases resilience while decreasing carbon emissions by 19,000 metric tons per year.



## Partnerships

- Partnered with Ameresco, leading renewable energy provider, to help develop infrastructure
- Integrated BESS with existing solar farm & expanded solar capacity





**Intergovernmental  
Support Agreements**

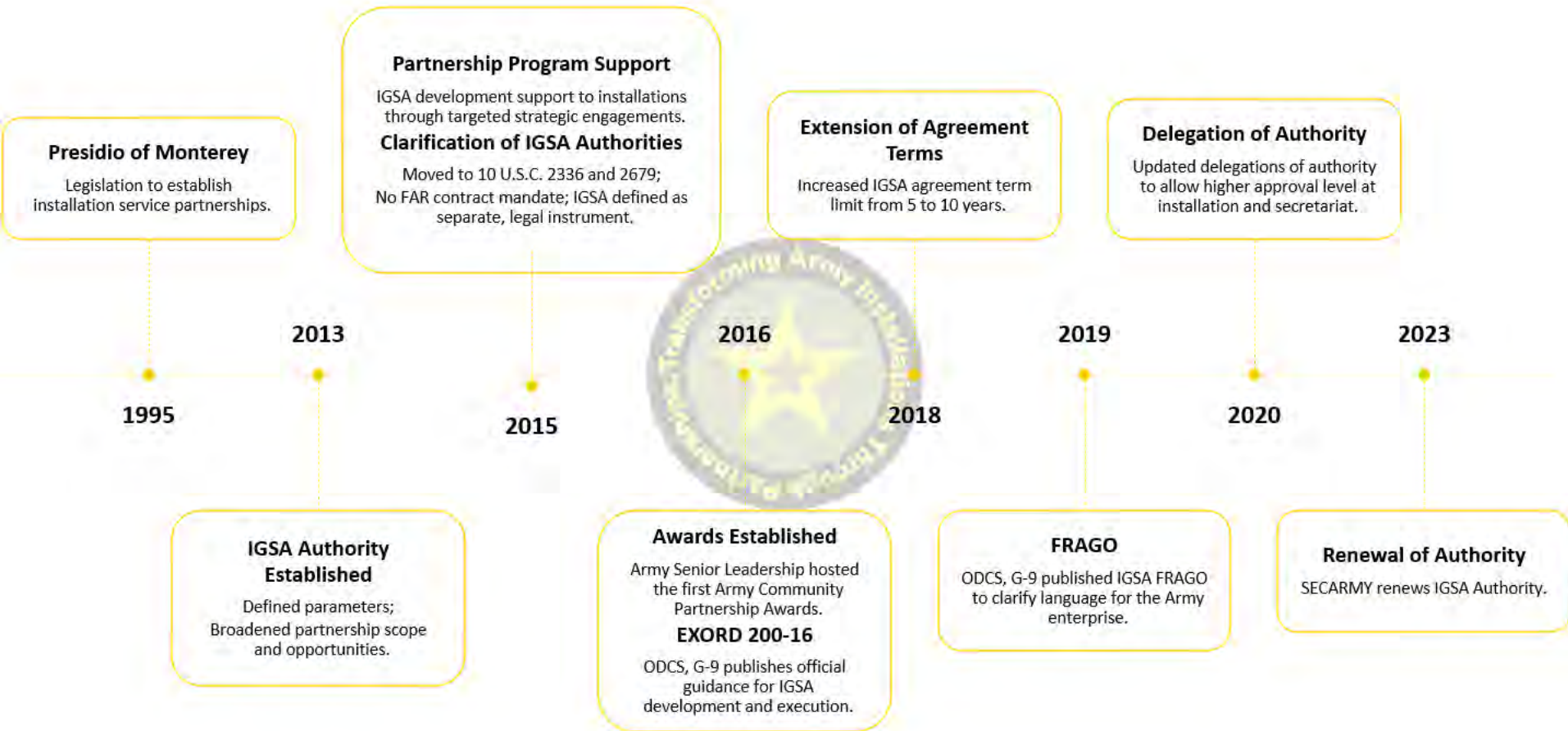


**BUILDING ROADS  
MOVING TEXANS**





- IGSAs were established through the FY13 National Defense Authorization Act as formal public-public partnerships agreements between Army installations and their State or local governments for the provision, receipt, or sharing of installation support services.
- IGSAs are authorized by 10 USC 2679.



- Public-Public Partnerships that authorize the Military Services to receive, provide, or share installation support services with a State or local government.
  - Common examples include Bulk Purchasing Agreements (road salt/sand, etc.), Custodial Services, Maintenance Services, Grounds Maintenance/Vegetation Control, Refuse and Recycling Services, etc.
- Army’s success piqued the interest of Navy and Army Reserve to establish similar programs.
  - Allowed our team to diversify client pool and adapt methodology to various organizations

### Fort Johnson and Vernon Parish Solid Waste IGSA

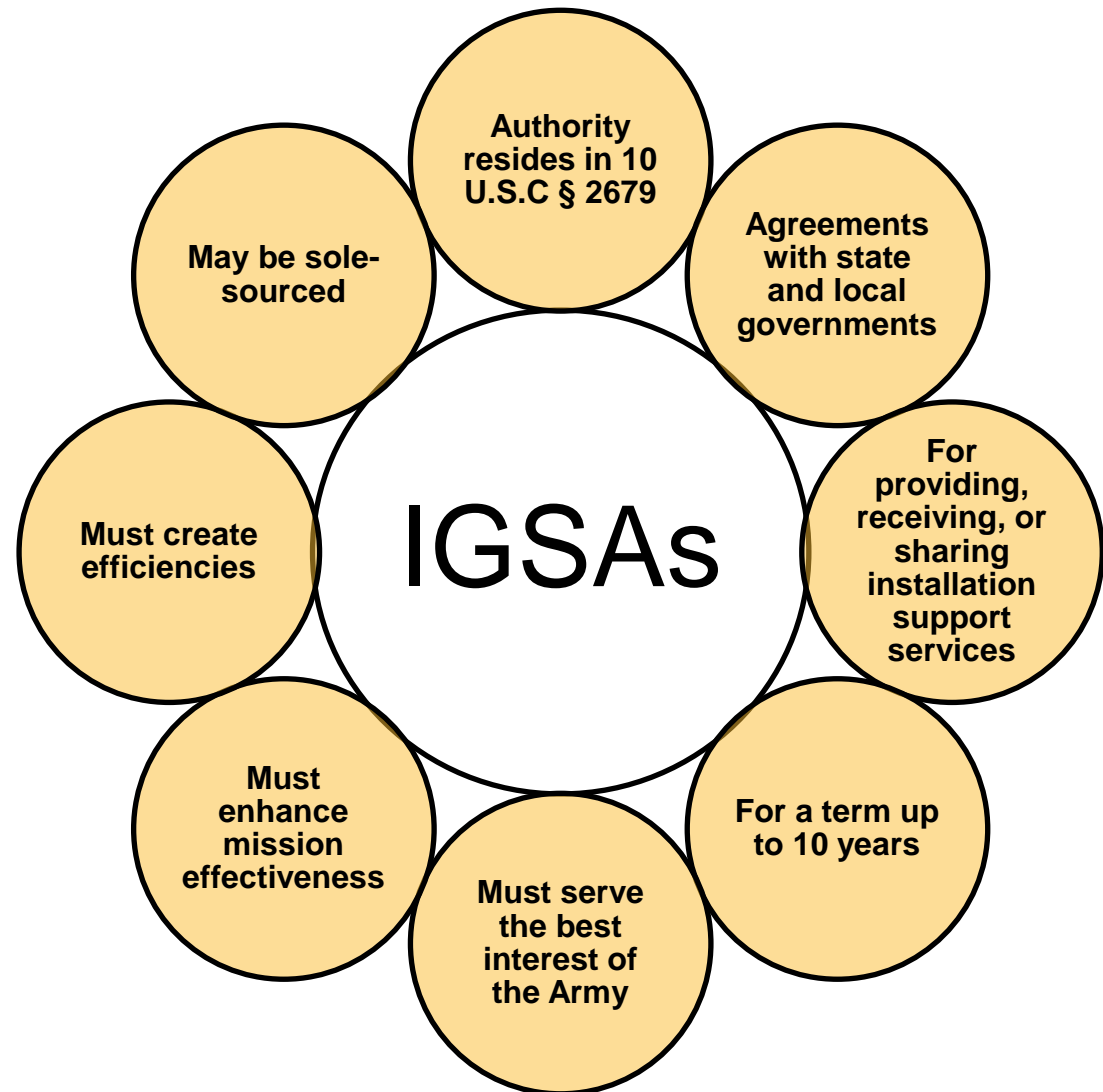
Vernon Parish developed an Installation-wide comprehensive program to collect and dispose of solid waste.

Benefits of transitioning solid waste collection services from conventional contract to IGSA at Fort Johnson:

- Economy of scale price reduction for all parties
- New revenue stream from administrative fees in very small community
- Community had much-needed funding to purchase new equipment purchases and added 12 full-time employees for Fort Polk collection and sorting.



Since the program's establishment, strategic engagements have led to countless partnerships, including **180 IGSA**s resulting in over **\$105M** in annual savings and over **\$50M** in one time cost avoidance.





## Innovative Partnership Concepts

### Procurement as a Service

- Nationwide agreement with Sourcewell – Cooperative purchasing of municipal supplies and services

### Road Maintenance & Repair, Bulk Purchase

- Department of Transportations and Army, Navy, Air Force installations across their state

### Childcare IGSA with City of West Liberty, Iowa

- Army Reserves – Pilot partnership with leading provider to provide no-cost childcare during drill weekend and mandatory training.
- Army National Guard – Pilot program expanded to cover Army Guardsmen needing childcare during drill weekend.
- Camp Bull Simons – First expansion to Army Active Duty to help soldiers find childcare.

## Project Spotlight: Natural Resource Compliance IGSA with Auburn University– Redstone Arsenal, Fort Rucker, Fort Benning, Fort Gordon, Fort Stewart, Fort Polk, Fort Bragg, and Fort Jackson

This agreement is the first-of-its-kind where Auburn University and the US Army agree to a 10-year Natural Resource Management Partnership to serve 8 bases across southeastern U.S. This agreement covers 1+ Million acres of military land. This IGSA provides natural resources services to improve efficiencies and deliverables while achieving compliance with state and federal laws and regulations.

- IGSA will result in 11% reduction in project management fees.
- Annual cost savings of over \$1.7M.





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# BACKUP SLIDES



**Next Generation  
Partnerships**





**U.S Army Futures Command conducts a ribbon cutting ceremony with Army General Mark Milley to mark a new phase for the Army Software Factory April 15, 2021**



## **Project Spotlight: Army Futures Command**

Army Futures Command transforms the Army to ensure war-winning future readiness.

Headquartered in Austin Texas AFC focuses on three overarching priorities: prioritizing people, designing Army 2040 and delivering Army 2030

- AFC and Austin Community College have developed a Software Factory, a first of its kind to provide a training pipeline for soldiers and ACC students.
- This state-of-the-art facility allows us to share ideas and develop solutions
- This specialized training focuses on data science and artificial intelligence with support from global software development companies.
- Gives the Army the ability to develop software at the lowest tactical levels
- Allows the Army to get code-savvy soldiers in the field to connect weapons systems to increase target speed.



- Feasibility Study stemmed from a strategic engagement
- Seeking solutions to meet requirements: 14-day supply of necessary energy and water in the event the primary sources of these utilities are compromised
- Upon review of the baseline consumption of Ft. Polk's energy efforts and through a joint effort and site investigation with members of the Ft. Polk Department of Public Works (DPW) three distinct Courses of Action (COA(s)) were identified:
  - COA 1: Exploration and Extraction On-Post
  - COA 2: Access Existing Transmission Line
  - COA 3: Develop Redundant Natural Gas Infrastructure



## 1 Explorations and extraction on Fort Polk

*Exploration and drilling for subsurface minerals on Fort Polk*

- **Capital Expenditure (CAPEX)** \$13.7M
- **Acquisition Authority** 10 USC 2667 Surface lease with Mineral lease
- **Key finding**
  - DOI/Bureau of Land Management (BLM) retains right of subsurface minerals/proceeds to the US Department of Treasury.
  - No cost benefit to Fort Polk

## 2 Access the Kinder Morgan Tennessee Gas Pipeline

*Interconnect to Kinder Morgan Pipeline to the east of the Cantonment Area along Artillery Road*

- **CAPEX** \$11.5M
- **Acquisition Authority** 10 USC 2913 Energy Resilience Conservation Investment Program (ERCIP), i.e. Army MILCON
- **Key Finding**
  - Pipeline construction/operations through the Fort Polk Range would impose risks to critical training and life safety.
  - No Cost benefit to Fort Polk

## 3 Develop redundant natural gas transmission line

*Expand the Town of Hornbeck's existing Natural Gas ROW to create redundant Natural Gas*

- **CAPEX** \$8.7M (Amortized through reduced Rate)
- **Acquisition Authority** 10 USC 2679 Intergovernmental Support Agreement (IGSA)
- **Key Finding**
  - Louisiana Municipal pre-pay natural gas can offset 10-20% off Commodity rate for Fort Polk.
  - \$3.4M over 20-year period; \$170K annual cost savings



**Execute the Mission**

Investing in Future Capabilities  
Modernization & Readiness

**Think outside of the box**

Creative ways to partner with our installations to address challenges

**Installations of the Future**

Implement smart solutions that leverage evolving industry



**Focus on Operation and Maintenance Needs**

Energy, Water, Facility, and Infrastructure

## How can a private company connect with their local military installations to start a partnership?

1) Contact the office of Army Small Business: [www.osbp.army.mil](http://www.osbp.army.mil)

- HUBZone/Veteran-Owned, Women-Owned Small Business, Subcontracting, HBCU/Minority Institutions, Mentor-Protégé Program, Native American Incentive Program
- James Lloyd- Program Manager [james.c.lloyd20.civ@army.mil](mailto:james.c.lloyd20.civ@army.mil)

2) Reach out to your local government (city/county/public university) to see if they have any existing partnerships with their local installation:

- POCs: Town Manager, Public Works Director

3) Reach out to your local installation:

- POCs: Public Works Director



**Defense  
Community  
Infrastructure  
Program (DCIP)**

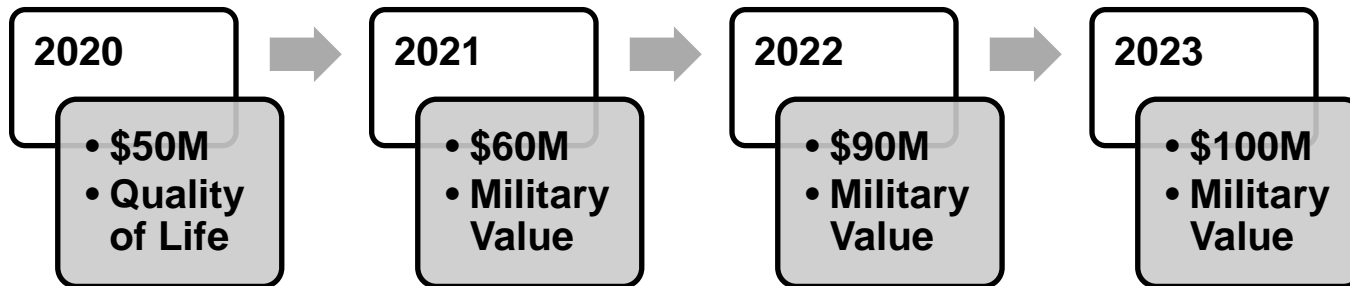
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For more details:  
**[www.OLDCC.gov](http://www.OLDCC.gov)**

The DCIP Program is designed to address deficiencies in community infrastructure, supportive of a military installation, in order to enhance **military value, resiliency, and quality of life.**

Eligible community infrastructure projects are any complete and usable transportation project, community support facility (school, hospital, police, fire, EMS); or any utility infrastructure projects (water, wastewater, telecommunications, electric, gas).

- Project is located OFF a military installation**
- Project must support a military installation**
- Project must be construction ready**
- Project must enhance Military Value/Installation resilience/Quality of life**
- Must be endorsed by the local installation commander**
- Property owned by state or local govt, not for profit or member owned utility service**





In FY21, the Department of Defense announced the award of 13 grants totaling approximately **\$60 million**. The influx of funding at the local level resulting from DCIP grants represents opportunity for the private sector to fulfill needs in infrastructure construction, improvement, and management. The key focus for FY21 was **Military Value**.



### FY21 Awarded Projects

- Runway Reconstruction - \$5.9M
- Shoreline Protection - \$650K
- Groundwater Connection - \$4.3M
- Fire Station Construction - \$3.5M
- Flood Risk Management System - \$9.8M
- Pedestrian Access Project - \$395K
- Construction of Offshore Reef - \$6.4M
- Wastewater Treatment Capacity - \$3M
- Sewer Replacement Project - \$10M
- Water Treatment Facility - \$4.2M
- Marina Facilities Support - \$5.2M
- Transportation Improvements - \$250K

In FY22, the Department of Defense announced the award of 17 grants totaling approximately **\$90 million**. The influx of funding at the local level resulting from DCIP grants represents opportunity for the private sector to fulfill needs in infrastructure construction, improvement, and management. The key focus for FY22 was **Military Value**.




- FY22 Awarded Projects**
- New Fire Station - \$4.6M**
- New Fire Station and EMS - \$3.4M**
- Port of Alaska Microgrid - \$5.3M**
- Cyber Operations Center - \$1.2M**
- Joint Firing Range - \$7.6M**
- Rehabilitation of Runway - \$596K**
- Highway Culvert Improvements- \$2.8M**
- Drinking Water Wells - \$4.4M**
- Fiber-Optic Network Connection - \$1M**
- Firefighting Warehouse - \$2.4M**
- Wash Rack at Airport - \$2M**
- Dam Restoration - \$14.9M**
- Airport Expansion- \$2.8M**
- 34 Mile Extension of Electric Transmission Lines- \$12M**
- New Drainage Improvements- \$1.2M**
- Dam Constuction- \$6.2M**
- Irrigation Canal Bridge for Safe Transportation- \$13M**


In FY23, the Department of Defense announced the award of 17 grants totaling approximately **\$100 million**. The influx of funding at the local level resulting from DCIP grants represents opportunity for the private sector to fulfill needs in infrastructure construction, improvement, and management. The key focus for FY23 was **Military Value**.




- FY23 Awarded Projects**
- Port of Alaska- Storm Water
  - Sierra Army Depot- Electric Transmission Line/Substation upgrades
  - Blount Island/Jacksonville Port Authority Fire Station
  - Naval Air Station Pensacola- Airport Parking Apron
  - Naval Air Station Whiting Field- Taxiway for aircraft maintenance
  - Moody AFB- Water infrastructure
  - Pohakuloa Training Area- Emergency operations facility
  - Naval Station Everett- Concrete water supply tank
  - Joint Readiness Training Center and Fort Johnson- City of Leesville Runway extension
  - Naval Air Station Joint Reserve Base New Orleans- Flood control basin and stormwater
  - Naval Air Station Joint Reserve New Orleans- Joint Multi-use facility/emergency command center
  - Selfridge Air National Guard Base- waste water system upgrade
  - New Boston Space Force Station- New fire station
  - Youngstown Air Reserve Station- resurfacing taxiways at the port authority
  - Texas Army National Guard Army Heliport- reconstruct main gate for safety
  - Naval Station Norfolk- Stormwater management system improvements
  - Joint Expeditionary Base Little Cree- Fort Story- Law enforcement training facility


# Key Takeaways

Support  You **MUST** have a Commander's letter of support to move forward

Military Value  This idea must be a bonafide requirement with Military Value

Outside partner  It must be **OUTSIDE** of the installation

Requirements  You must get many of the requirements for the project started or completed (zoning, environmental, design, etc.)

Opportunity  Take this opportunity to put some skin in the game