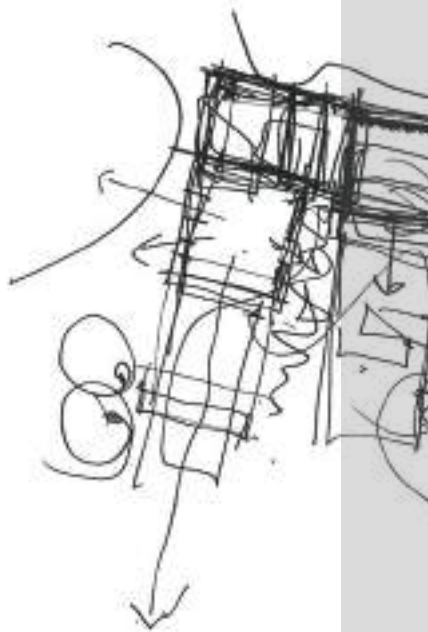




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Founded in 1988, 77 Group has built a strong track record as a trusted contractor and developer in complex infrastructure and energy projects across multiple regions. The company has successfully delivered large-scale projects in oil & gas, renewable energy, aviation infrastructure, and hydropower and water systems development.

# ABOUT US



Over the years, 77 Group has evolved from contractor to long-term investor in power generation and renewable energy. The portfolio includes solar power, wind power and hydropower plants, developed under Build-Operate-Transfer models, positioning the company as a growing contributor to renewable energy infrastructure in emerging markets. This commitment is exemplified by the Kajaki Hydropower Plant, contributing significantly to Afghanistan's energy capacity and irrigation systems.

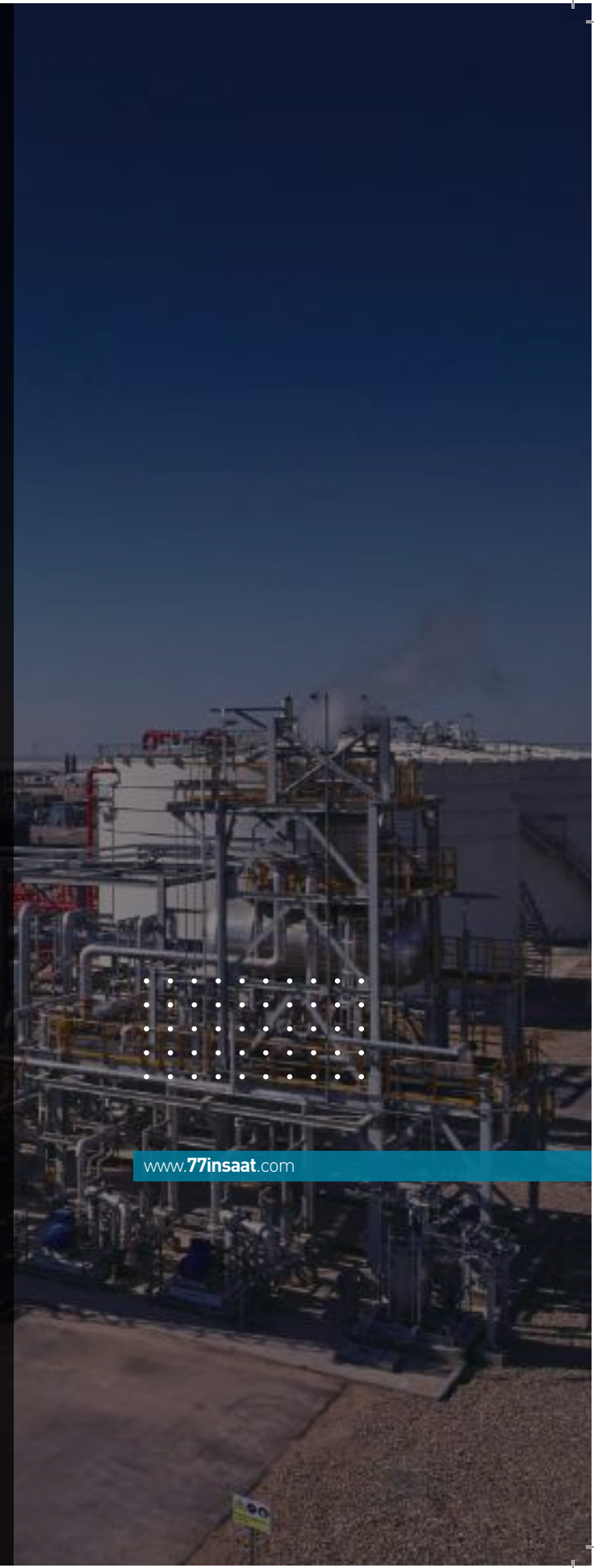
Expertise in aviation infrastructure includes the design and construction of commercial airports, military airbases, air operation centers, aviation hangars, munitions storage complexes, and runways, supporting strategic airbases and defense operations in Iraq, Afghanistan, Africa, and the Pacific region. A notable example is the airfield reconstruction and infrastructure upgrade on Ascension Island, demonstrating the company's capacity to deliver complex projects in remote environments.

In addition, 77 Group has delivered extensive projects in earthworks, road and motorway construction, tunnels, bridges, viaducts, piling, hydraulic structures, and airfield runway repairs, as well as troop billeting, accommodation camps, and life support facilities.

The company's presence in Africa has expanded with the delivery of projects such as military housing and command headquarters in Djibouti, earning recognition from governments and international contractors in Libya.

At the heart of 77 Group's business philosophy is a commitment to quality, on-time execution, and financial discipline, supported by a proven record of zero defaults on completed contracts. The company focuses on delivering strategic infrastructure and energy projects that generate long-term value for investors and stakeholders.

As 77 Group continues to expand, it remains dedicated to local participation and international collaboration, actively seeking partnerships with global investors, financial institutions, and leading international contractors to deliver high-impact infrastructure and energy investments worldwide.



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77 Group's quality policy is built on achieving the highest level of client satisfaction by delivering projects in full compliance with contract specifications, technical standards, and health and safety regulations. The company is committed to providing economical solutions and ensuring timely completion.

In line with this policy, 77 Group has successfully completed all contracts to date without contractual disputes, establishing its reputation as one of the leading and preferred partners in its sector.

The company's commitment to quality has been recognized through the achievement of ISO 9001 (Quality Management), ISO 14001 (Environmental Management), and OHSAS 18001 (Occupational Health and Safety) certifications.





# QUALITY POLICY

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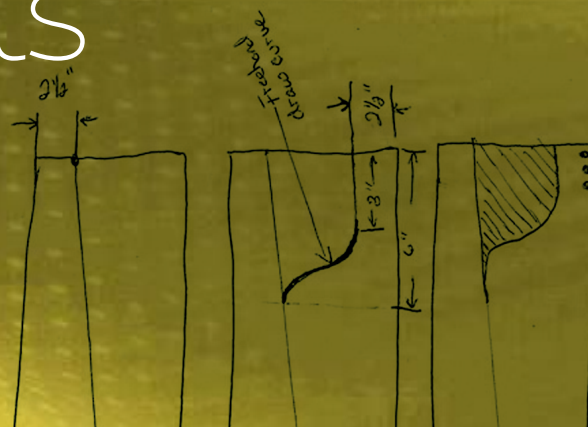
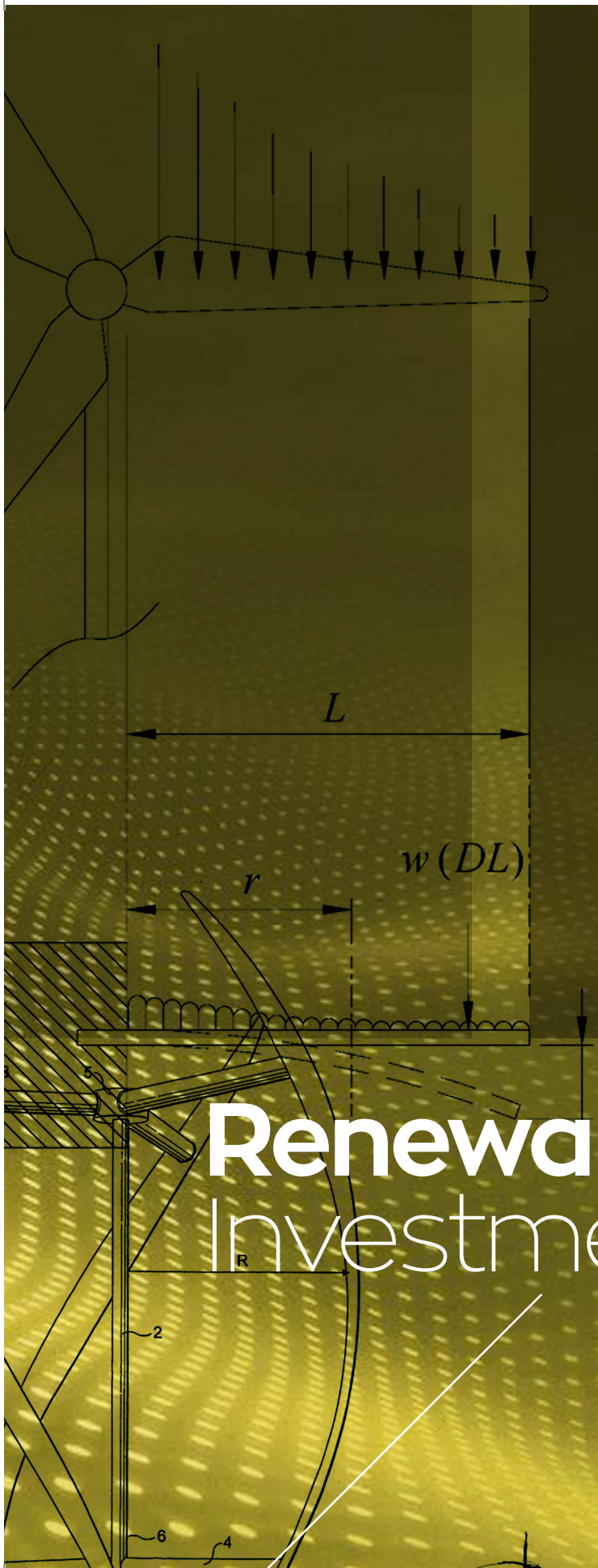


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## Renewables & Energy Investments

Aviation Infrastructure  
Water & Hydropower Infrastructure  
Pipeline & Storage Infrastructure  
Facility Development  
Power & Utility Systems  
Other Projects

# Renewables & Energy Investments



# KAJAKI HYDRO POWER PLANT 151MW

Kajaki, Afghanistan

## Project Overview

<b>Location</b>	: Kajaki, Helmand Province, Afghanistan
<b>Company</b>	: 77 Construction Company
<b>Project Date</b>	: 2021
<b>Phase I</b>	: 100MW Power Plant Construction (2.5 years)
<b>Phase II</b>	: Spillway & Radial Gate Installation (1.5 years)
<b>Operation Period</b>	: 20 years (BOT model)

## Renewables & Energy Investments

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COMPLETED PROJECT



An aerial photograph of the Kajaki Hydro Power Plant. The main building is a long, grey, rectangular structure with a gabled roof, situated on a concrete pad. To its left is a yellow building and an outdoor electrical substation with various transformers and power lines. A paved road with a yellow-painted curb leads to the plant. In the background, a large dam structure is visible, creating a reservoir of turquoise water. The surrounding landscape is arid and mountainous, with steep, rocky slopes. The foreground shows a rocky, unpaved area.

# KAJAKI HYDRO POWER PLANT 151MW

Kajaki, Afghanistan





### Project Description

The Kajaki Hydropower Plant was originally built between 1951 and 1953 on the Helmand River. The initial project aimed to install 150MW in two stages. The first phase included two 16.5MW turbines, installed by USAID in 1975. The third turbine, with an 18.5MW capacity, was commissioned and installed by 77 Construction Company between 2014 and 2016 as part of the USAID-funded Kajaki Phase I project.

However the second phase of the project, construction of a 100MW second powerhouse, was delayed. Recognizing the need for energy security, 77 Construction Company proposed a Build-Operate-Transfer (BOT) model to the government, leading to the completion of the second powerhouse.

### Project Scope & Features

- Expansion of the Kajaki Hydropower Plant to 151MW for long-term energy stability
- Construction of a second powerhouse with an additional 100MW capacity
- Spillway and radial gate installation to enhance water management and hydropower efficiency
- Increase in water storage capacity from 800 million cubic meters to 2 billion cubic meters, enabling a more controlled release of water

### Strategic Impact

This project is a landmark energy investment by 77 Construction Company, contributing to Afghanistan's renewable energy infrastructure. By stabilizing electricity production and improving hydropower efficiency, the project supports economic development, industrial growth, and improved quality of life for local communities.

# KANDAHAR SOLAR POWER PLANT 15MW

Kandahar, Afghanistan

## Project Overview

**Location** : Kandahar, Afghanistan  
**Company** : 77 Construction Company  
**Project Date** : 2019  
**Operation Period** : 20 years (BOT model)

## Project Description

The 15MW Kandahar Solar Power Plant is a milestone project in Afghanistan's energy sector. This initiative marks the first-ever Build-Operate-Transfer (BOT) investment project of its kind in the country. Under this model, 77 Construction will operate the power plant for 20 years, ensuring long-term stable energy production for the region.

Designed to enhance Afghanistan's power infrastructure, the plant incorporates advanced photovoltaic (PV) technology, ensuring optimal energy conversion and reliability.

## Project Scope & Features

- 15MW solar power generation capacity
- Installation of PV arrays, inverters, and transformers
- Dedicated electrical building, control room, and distribution center

## Strategic Impact

This project significantly contributes to Afghanistan's energy security by providing a reliable and cost-effective electricity source for Kandahar and surrounding areas. By utilizing solar power, it helps diversify the country's energy mix, reducing dependency on limited traditional energy sources and improving overall grid stability. The Kandahar Solar Power Plant serves as a model for future BOT-based energy projects in emerging markets, demonstrating the viability of private sector investment in large-scale infrastructure.



**Renewables & Energy**  
Investments

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COMPLETED PROJECT



# NAGHLU SOLAR POWER PLANT 22.75MW

Naghlu, Afghanistan

## Project Overview

**Location** : Naghlu, Afghanistan  
**Company** : 77 Construction Company  
**Project Date** : September 2025  
**Operation Period** : 20 years (BOT model)

## Project Background

The 22.75MW Naghlu Solar Power Plant is a strategic investment in Afghanistan's energy infrastructure. Following the Build-Operate-Transfer (BOT) model, 77 Construction will operate the plant for 20 years, ensuring long-term energy stability for the region.

Scheduled to begin operations in September 2025, the plant is designed to meet increasing electricity demands while improving Afghanistan's energy distribution network. Utilizing advanced photovoltaic (PV) technology, the facility ensures efficient and reliable solar power generation.

## Project Scope & Features

- 22.75MW solar power generation capacity, utilizing advanced photovoltaic (PV) technology for efficient and reliable energy production
- Installation of PV arrays, inverters, transformers, and supporting electrical infrastructure
- Development of essential facilities, including a dedicated electrical building, control room, and distribution center
- Installation of transmission infrastructure to integrate power supply into the national grid, ensuring seamless energy distribution

## Strategic Impact

The Naghlu Solar Power Plant will play a crucial role in strengthening Afghanistan's energy security by providing a reliable and cost-effective electricity source for Naghlu and its surrounding areas. The addition of transmission infrastructure ensures seamless integration with the national grid, improving distribution capacity and overall grid stability.

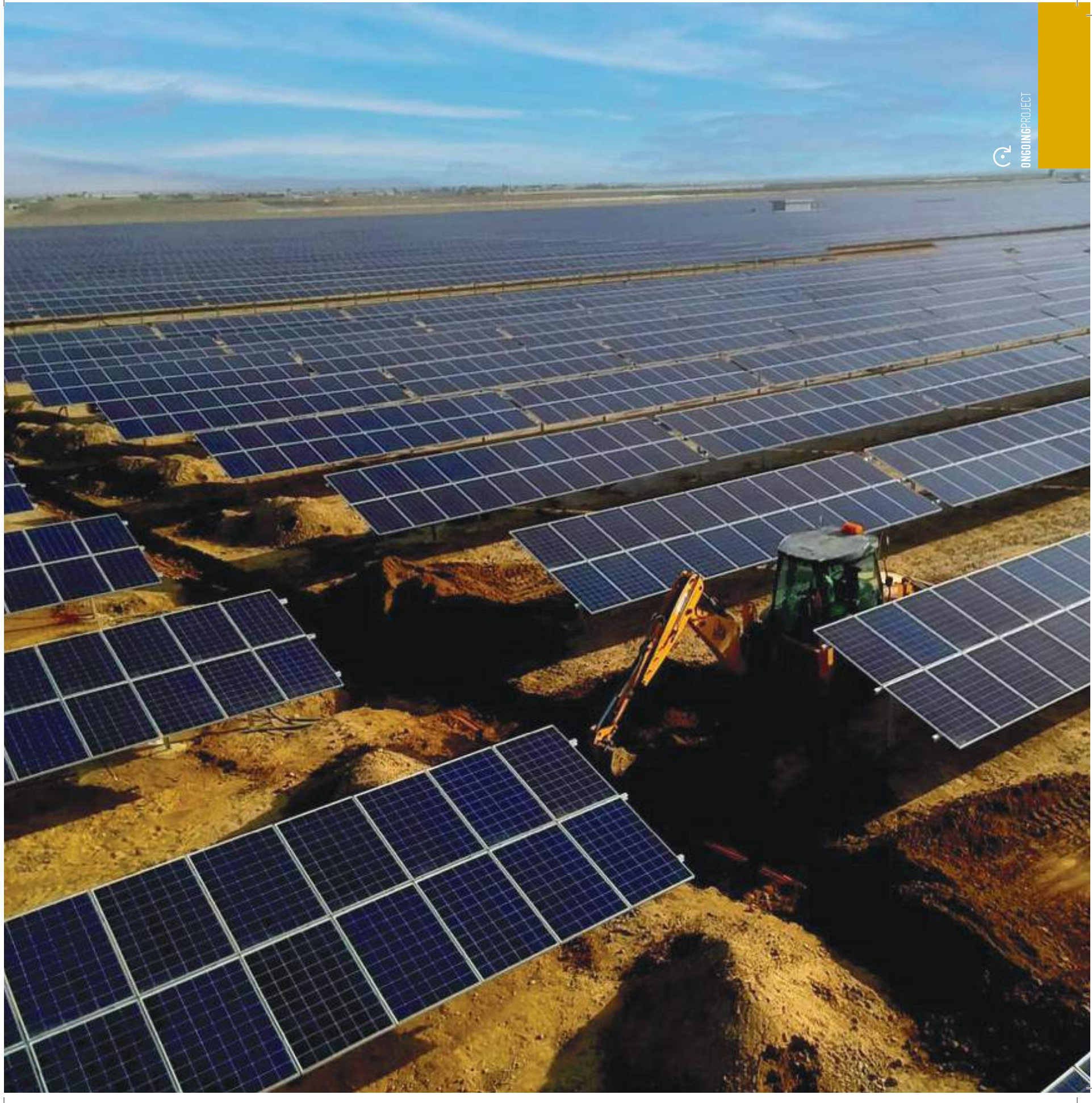
By increasing solar energy production, the project supports infrastructure growth, enhances grid resilience, and fosters long-term private sector investment in Afghanistan's power sector. This project further solidifies 77 Construction's commitment to delivering large-scale renewable energy solutions and establishing a successful BOT investment framework for sustainable infrastructure development.



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Investments

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# SHEIKH MESRI, NANGAHAR SOLAR POWER PLANT 40MW

Sheikh Mesri, Afghanistan

## Project Overview

**Location** : Sheikh Mesri, Afghanistan  
**Company** : 77 Construction Company  
**Project Date** : Ongoing, Expected 2026  
**Operation Period** : 20 years (BOT model)

## Project Background

The 40MW Sheikh Mesri Solar Power Plant is a major energy investment project aimed at strengthening Afghanistan's renewable energy infrastructure. Planned for development beginning in 2026, this initiative follows the Build-Operate-Transfer (BOT) model, allowing 77 Construction to develop and operate the facility for 20 years before transferring ownership.

Located in Nangarhar Province, the plant is designed to supply 59 GWh of electricity annually, supporting the national power utility, Da Afghanistan Breshna Sherkat (DABS), and improving energy access in the region.

## Project Scope & Features

- 40MW solar power generation capacity, designed to supply 59 GWh of electricity annually
- Installation of PV arrays, inverters, transformers, and an advanced control system
- Development of electrical infrastructure, including a dedicated electrical building and distribution network
- Integration with the national grid through newly installed transmission infrastructure

## Strategic Impact

The Sheikh Mesri Solar Power Plant will play a vital role in expanding Afghanistan's power generation capacity, providing a reliable and cost-effective energy source for Nangarhar and its surrounding areas. By diversifying the country's energy mix and integrating solar power into the national grid, the project enhances grid stability, promotes infrastructure growth, and fosters long-term private sector investment in the energy sector.

With development scheduled to begin in 2026, 77 Construction is working closely with key stakeholders to ensure successful execution, from planning and procurement to final implementation.



**Renewables & Energy**  
Investments

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# HERAT WIND POWER PLANT 40MW

Herat, Afghanistan

## Project Overview

**Location** : Herat, Afghanistan  
**Company** : 77 Construction Company  
**Project Date** : Ongoing, Expected 2026  
**Operation Period** : 20 years (BOT model)

## Project Background

The 40MW Herat Wind Power Plant is a planned renewable energy project aimed at expanding Afghanistan's electricity generation capacity through wind energy. Developed under a Build-Operate-Transfer (BOT) framework, 77 Construction will develop, operate, and maintain the facility for 20 years before transferring ownership to the Afghan government.

Following feasibility studies and approvals from Afghan authorities, construction is scheduled to begin in 2026. The wind farm will play a critical role in meeting Afghanistan's growing electricity demand, reducing reliance on energy imports and enhancing energy security.

## Project Scope & Features

- 40MW wind power generation capacity, utilizing modern wind turbines, transformers, and energy storage systems
- Development of electrical infrastructure, including a substation and grid connection network to integrate power supply into the national grid
- Long-term Power Purchase Agreement (PPA) with DABS, securing sustainable energy distribution

## Strategic Impact

The project will play a critical role in reducing Afghanistan's reliance on imported electricity, enhancing energy security, and increasing local power generation capacity. As Afghanistan's largest wind energy project, this initiative will improve grid stability, ensure cost-effective electricity production, and contribute to long-term energy resilience.



**Renewables & Energy**  
Investments

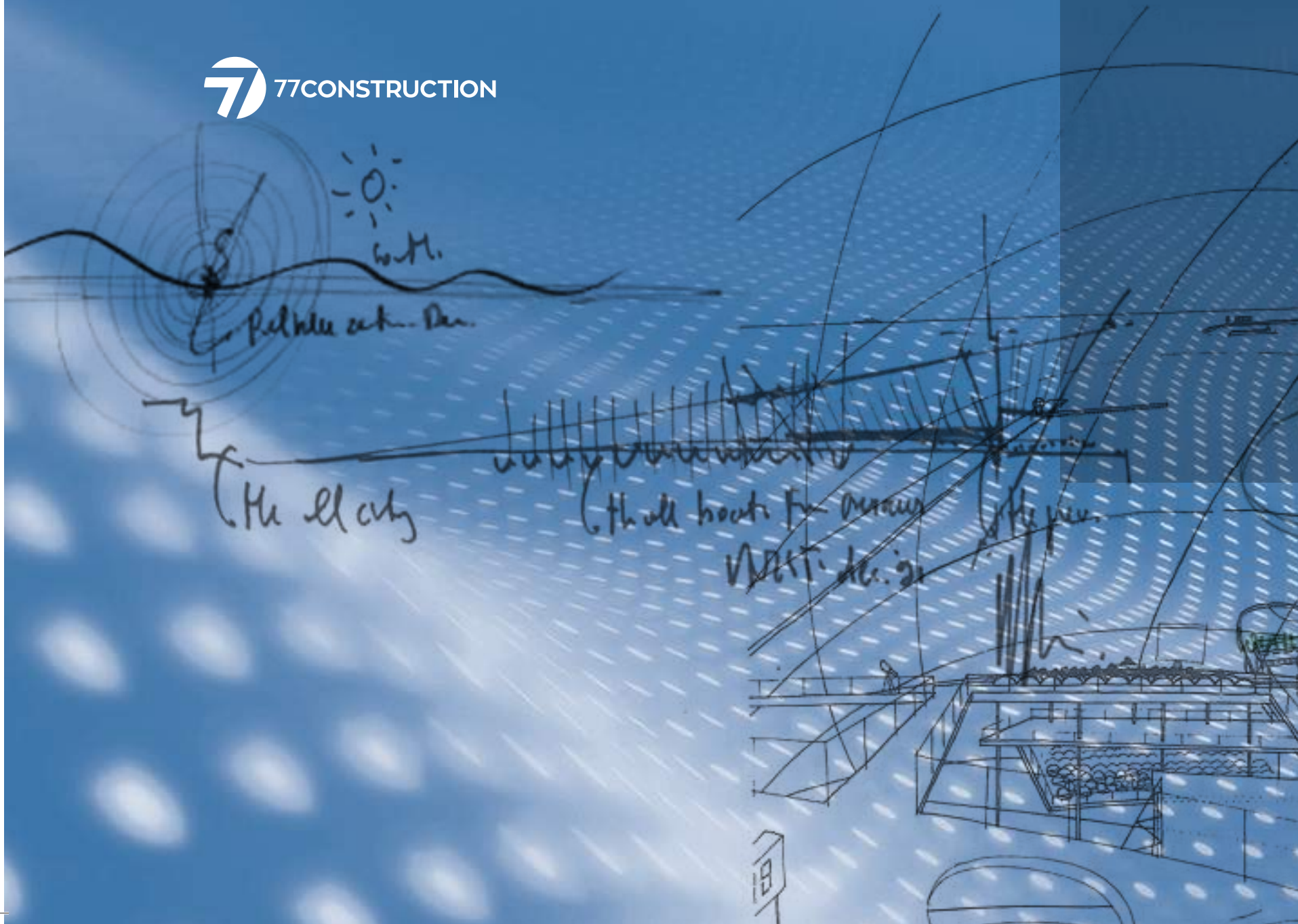
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ONGOING PROJECT







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Renewables & Energy Investments

**Aviation Infrastructure**

Water & Hydropower Infrastructure

Pipeline & Storage Infrastructure

Facility Development

Power & Utility Systems

Other Projects

# Aviation infrastructure



# ASCENSION ISLAND AUXILIARY AIRFIELD RECONSTRUCTION

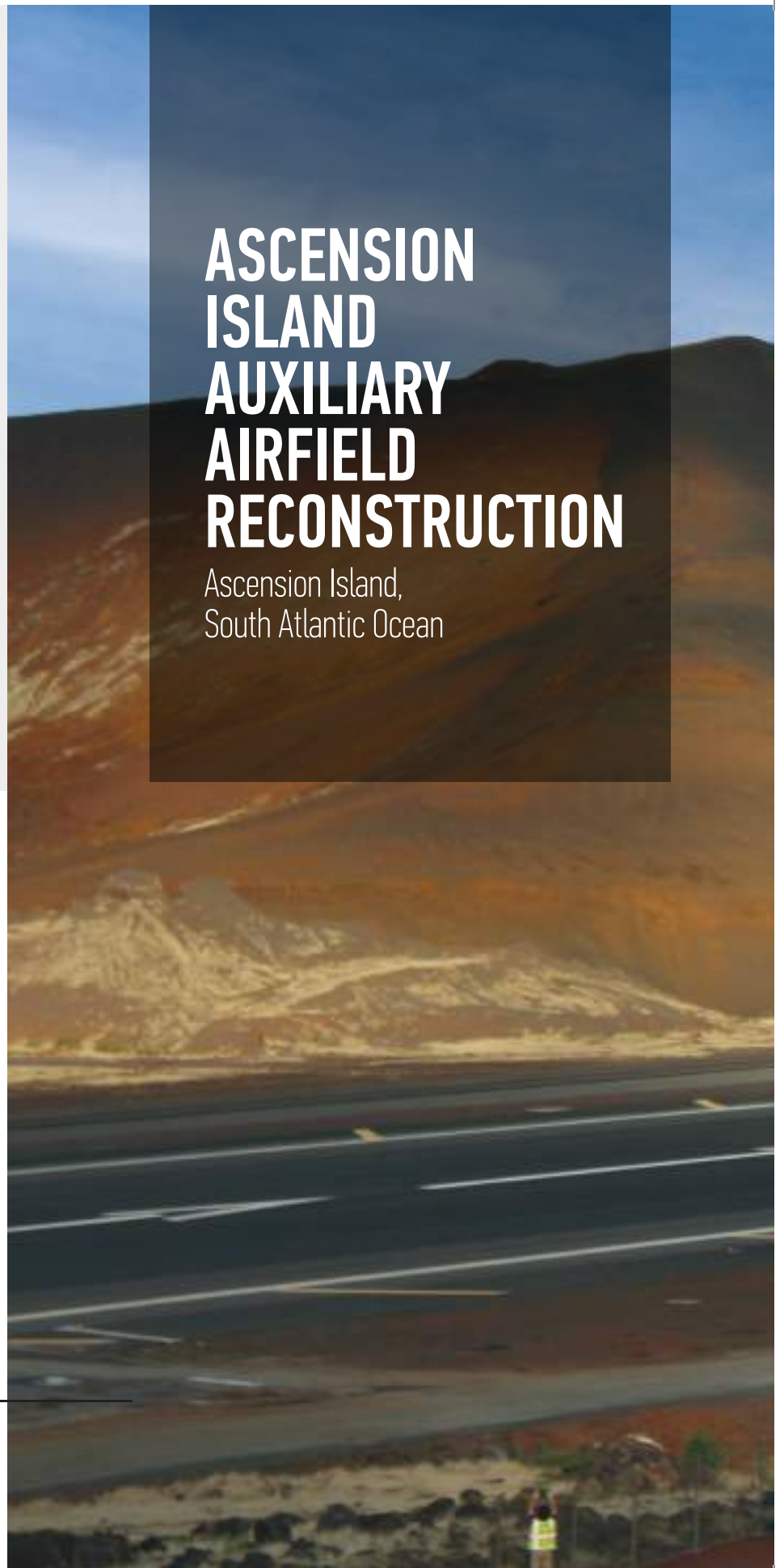
Ascension Island,  
South Atlantic Ocean

## Project Overview

**Location** : Ascension Island, St. Helena, South Atlantic Ocean  
**Client** : Fluor AMEC II, US Air Force & Royal Air Force  
**Project Date** : May 2023

**Aviation**  
Infrastructure

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COMPLETED PROJECT

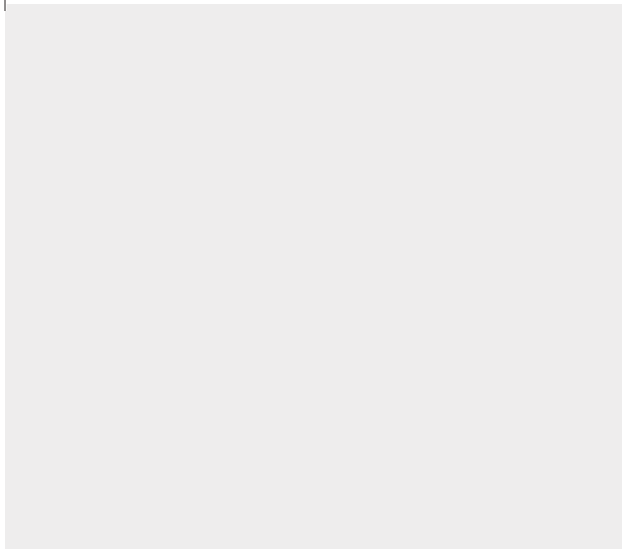




# ASCENSION ISLAND AUXILIARY AIRFIELD RECONSTRUCTION

Ascension Island,  
South Atlantic Ocean





COMPLETED PROJECT

### Project Specifications

- Runway and airfield upgrades: Complete reconstruction of the auxiliary airfield runway and replacement of airfield lighting systems
- Infrastructure and logistics improvements: Repaving and reconstruction of primary and secondary haul routes from the pier to the project site
- Support facilities: Establishment of a contractor laydown area with a volumetric concrete mixer, asphalt batch plant, and staging area for materials and equipment

### Project Description:

This project involved the reconstruction of the auxiliary airfield runway at Ascension Island, a strategically important U.S.-British military airbase in the South Atlantic. The scope included runway rehabilitation, airfield lighting replacement, and reconstruction of critical haul routes to facilitate the transport of construction materials.

To support operations, a contractor laydown area was established, including essential equipment for concrete and asphalt production. After runway completion, the primary and secondary haul routes were restored through milling, resurfacing, and reconstruction, ensuring long-term durability and improved logistical access for future airfield operations.

Executing this project on Ascension Island's remote and isolated location presented significant logistical challenges, including the transport of heavy equipment and materials over long distances by sea, coordination with military schedules, and reliance on limited infrastructure at the offloading pier. The harsh climate and rugged terrain demanded precise planning, adaptive construction methods, and meticulous supply chain management. Overcoming these complexities, the project demonstrated 77 Construction's capability to deliver critical aviation infrastructure under challenging conditions, ensuring reliability and operational readiness for both the US and Royal Air Forces.

**Aviation**  
infrastructure

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# MOSUL AIRPORT REHABILITATION & EXPANSION

Herat, Afghanistan

## Project Overview

**Location** : Mosul, Iraq  
**Client** : Iraqi Government, Nineva Governate  
**Project Date** : May 2025

## Project Specifications

- Runway and taxiway enhancements: Rehabilitation of existing runway and aprons, runway extension, and construction of a new taxiway and isolation pad
- Infrastructure and site development: Construction of patrol roads, service roads, and parking areas
- Key airport facilities: Air Traffic Control (ATC) Tower, Terminal Building, Reception Hall, Cargo Building, Fire Station, Emergency & Medical Centers, Maintenance & Service Buildings, and an airport perimeter wall with guard towers and secured gates
- Aviation systems and utilities: Installation of Airfield Ground Lighting (AGL), Automatic Weather Observation System (AWOS), VSAT, Doppler VHF Omnidirectional Range (DWOR), Instrument Landing System (ILS), VHF/UHF D-ATIS, Air Operation Control System, and MV/LV electrical distribution & telecommunication systems

## Project Description

This project involved the comprehensive rehabilitation and expansion of Mosul Airport, enhancing its runway, taxiways, and aviation infrastructure. The scope included runway and apron rehabilitation, runway extension, and the construction of a new PCC Isolation Pad and taxiway, ensuring improved aircraft operations and safety.

Additionally, the project included the construction of critical airport infrastructure, such as a new air traffic control tower, terminal buildings, fire station, maintenance buildings, and a security perimeter with guard towers and gates. Advanced aviation systems and electrical distribution networks were installed, equipping the airport with modern navigation, safety, and communication technology. These upgrades significantly improve Mosul Airport's operational capacity and align it with international aviation standards.



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# SUWAYRAH AIR BASE

Suwayrah, Iraq

## Project Overview

**Location** : Suwayrah, Iraq  
**Client** : Korean Aerospace Industries (KAI)  
**Project Date** : September 2025

## Project Specifications

- Building construction and structural works: Completion of 221 buildings with civil, structural, and masonry works
- Electrical and finishing works: Full electrical installations, architectural finishing, and steel structure works
- Infrastructure and site improvements: Landscaping, site preparation, and road construction

## Project Description

This large-scale rehabilitation and development initiative at Suwayrah Air Base involves the construction and refurbishment of 221 buildings, enhancing military infrastructure and operational capacity. The scope includes civil and structural improvements, electrical installations, and high-quality architectural finishing to ensure durability and compliance with modern standards.

Additionally, the project encompasses landscaping, site preparation, and road construction, optimizing the base's functionality and accessibility. Designed to meet strict safety and quality regulations, this development aims to modernize the air base's infrastructure and enhance its operational efficiency.



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# MIHAIL KOGALNICEANU AIR BASE IMPROVEMENTS

Mihail Kogalniceanu Air Base, Romania

## Project Overview

**Location** : Mihail Kogălniceanu Air Base, Romania  
**Client** : US Army Corps of Engineers  
**Project Date** : July 2022

## Project Specifications

- Transport and logistics infrastructure: Design and construction of a multi-modal transport system with a rail spur, load/offload capabilities, staging areas, and enhanced access roads
- Fuel storage and operational facilities: Expansion of fuel storage capacity, containment structures, and development of an airfield terminal and operations center
- Security and infrastructure upgrades: Installation of security enhancements, airfield paving, lighting, and storm drainage systems

## Project Description

The project involved major upgrades to Mihail Kogălniceanu Air Base, enhancing its strategic transport, fueling, and operational capabilities. A multi-modal transport system was developed, including a rail spur, staging areas, and upgraded road access to support logistics and mobility.

Additional improvements included expanding fuel storage facilities, constructing an operations center, and upgrading security infrastructure. These enhancements strengthen the base's logistical efficiency, security, and overall readiness for military operations.



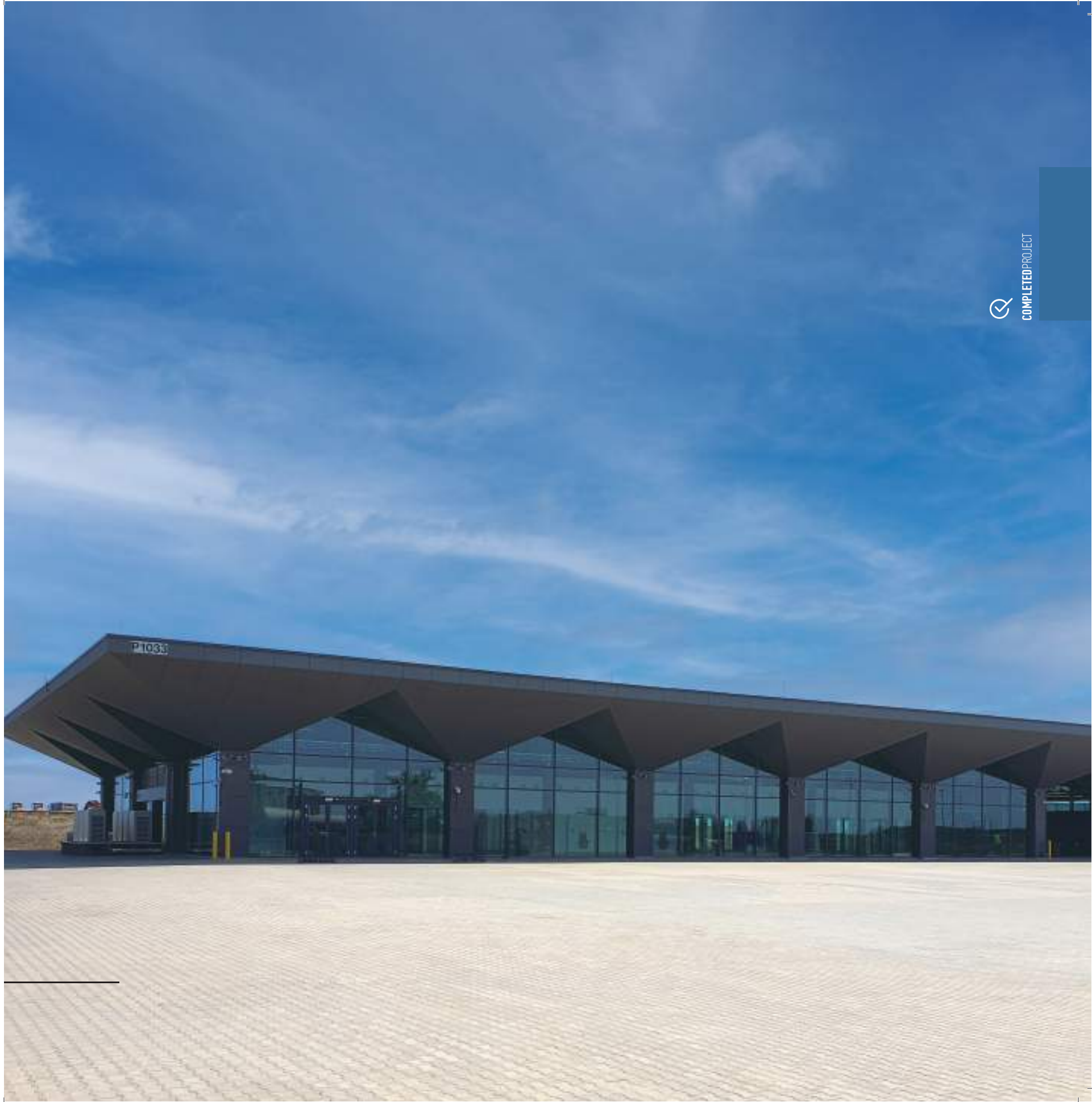
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COMPLETED PROJECT

# F-16 SUPPORT FACILITIES

Balad Air Base, Iraq

## Project Overview

**Location** : Balad Air Base, Iraq  
**Client** : US Army Corps of Engineers  
**Project Date** : May 2018

## Project Specifications

- Aircraft maintenance and operations facilities: Aircraft Maintenance Hangar, Squadron Headquarters, Aircraft Apron Sunshade
- Support and maintenance facilities: Fuel Cell Maintenance Facility, Missile Maintenance Facility, Aircraft Wash Rack, Power Check Pad
- Infrastructure and utilities: Fire Pump House, Booster Pump House, Hydrazine Facility, Underground Utilities
- Personnel and site amenities: Latrines, Service Roads, Parking Lots
- Storage and fueling systems: Two CST Tanks (350 m<sup>3</sup> capacity each)

## Project Description

This project was part of a Foreign Military Sales (FMS) agreement under the Iraqi Ministry of Defense, aimed at constructing essential infrastructure to support the newly acquired F-16 aircraft at Balad Air Base. The package included the design and construction of 11 new buildings, incorporating aircraft maintenance, squadron headquarters, fueling and support systems, and personnel facilities.

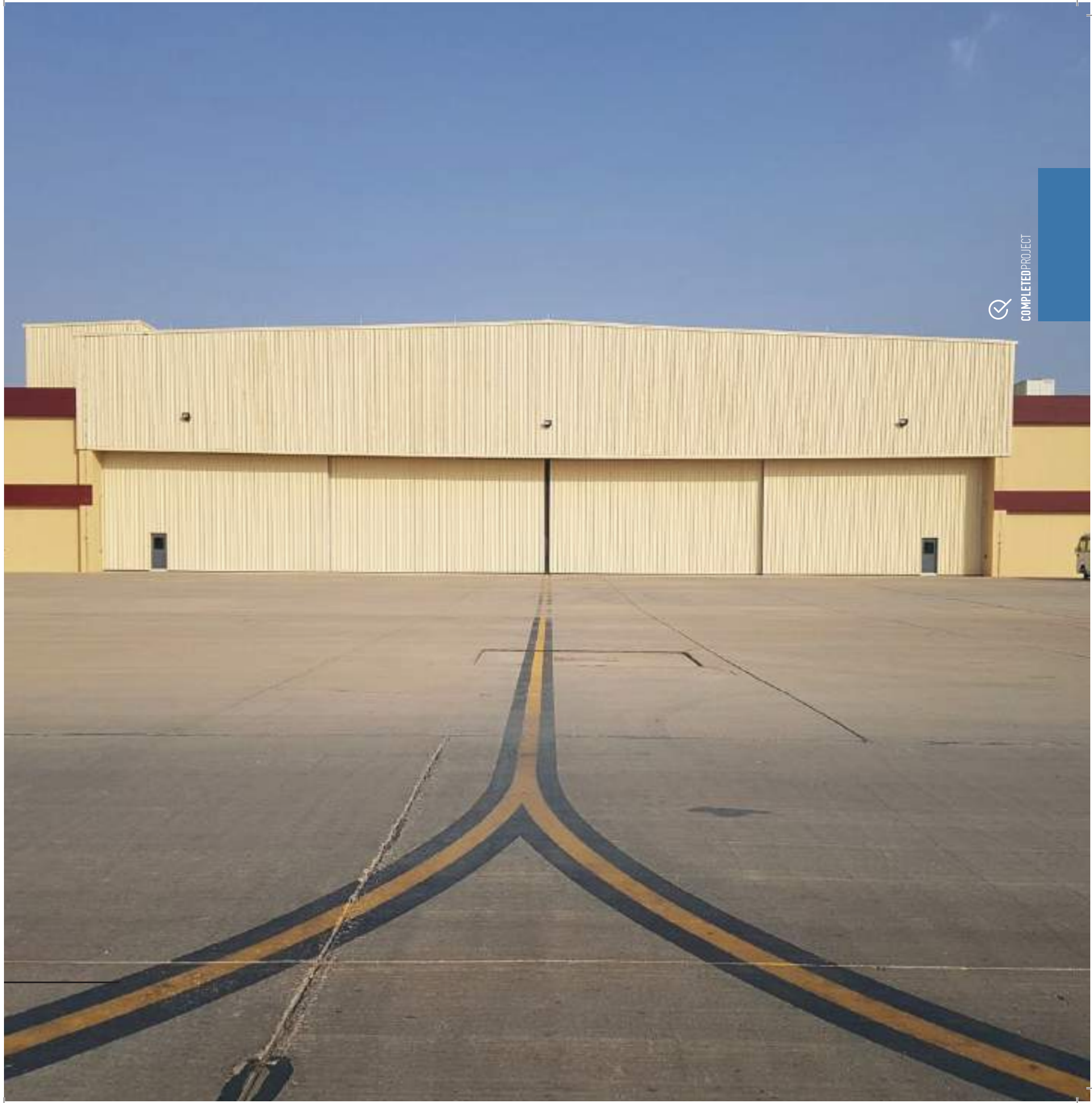
The project adhered to international building codes and military standards, ensuring the durability and security of the facilities. The successful execution of this initiative strengthened Iraq's air force capabilities by providing critical maintenance and operational infrastructure for its F-16 fleet.



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COMPLETED PROJECT

# BALAD AIRFIELD RUNWAY REPAIR

Balad Airfield, Iraq

## Project Overview

**Location** : Balad Air Base, Iraq  
**Client** : US Army Corps of Engineers  
**Project Date** : July 2016

## Project Specifications

- Runway and taxiway rehabilitation: Replacement of damaged pavement on Runway 12/30 and resurfacing of Taxiways A, B, and D with 200,000 m<sup>2</sup> of asphalt
- Structural enhancements: Replacement of joint sealants to improve surface durability and longevity
- Operational improvements: Full repainting of the runway and taxiway system to restore visibility and compliance with aviation standards

## Project Description

This project involved the comprehensive repair and resurfacing of Runway 12/30 and associated taxiways at Balad Airfield, Iraq, ensuring safe and continuous military and aviation operations. The work included removal and replacement of deteriorated pavement, resurfacing with high-quality asphalt, and upgrading joint sealants to extend the lifespan of the airfield.

Additionally, the entire runway and taxiway system was repainted, restoring clear operational markings and enhancing visibility for aircraft operations. These upgrades improved airfield safety, durability, and overall resilience, supporting military readiness and operational efficiency.



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### Project Overview

**Location** : Sather Airbase, Iraq  
**Client** : US Army Corps of Engineers  
**Project Date** : 2011

### Project Specifications

- Airfield pavement rehabilitation: Demolition, removal, and replacement of 27,000 m<sup>3</sup> of deteriorated concrete pavement
- Structural upgrades: Joint seal material replacement across eight airfield features to improve durability
- Operational improvements: Restoration of airfield markings, runway restriping, and removal of rubber deposits in touchdown zones for enhanced visibility and safety

### Project Description

This project involved the rehabilitation and upgrade of airfield pavements at Sather Airbase, Iraq, ensuring safe and efficient aircraft operations. The scope included removal and replacement of deteriorated concrete pavement, joint seal upgrades, and surface refinements to extend airfield longevity.

Additionally, the runway and touchdown areas were repainted and restriped, while rubber deposits were cleared from landing zones, restoring operational safety, visibility, and overall airfield performance. These upgrades significantly improved the resilience and functionality of the airbase.

# SATHER AIRFIELD PAVEMENT REPAIRS

Sather Airbase, Iraq



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 Infrastructure

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## Project Overview

**Location** : Bagram Airbase, Afghanistan  
**Client** : US Army Corps of Engineers  
**Project Date** : 2014

## Project Specifications

- Aircraft apron expansion to accommodate 46 fighter aircraft, with 4 additional taxiway positions
- New pavement construction, access roads, and airfield lighting installation
- Relocation and installation of revetments to enhance aircraft protection
- Development of specialized aircraft pads and shelters to support CAS operations

## Project Description

The CAS Apron Expansion Project at Bagram Airfield involved the extension of the aircraft apron to increase fighter jet capacity from 32 to 46 aircraft, with additional taxiway positions to improve airfield operations. The project also included new pavement, upgraded lighting, and enhanced access roads to ensure seamless aircraft movement and readiness.

Additional improvements included the relocation and installation of revetments, as well as the construction of specialized aircraft pads and shelters to support Close Air Support (CAS) operations. These enhancements strengthened the airbase's operational capacity and mission efficiency, improving its ability to accommodate high-tempo flight operations.



# BAGRAM AIRFIELD CAS APRON EXPANSION

Bagram Airfield, Afghanistan





### Project Overview

**Location** : Green Zone, Baghdad, Iraq  
**Client** : US Army Corps of Engineers  
**Project Date** : 2010

### Project Specifications

- Construction of a 25,500 m<sup>2</sup> concrete landing zone, including two helicopter parking aprons and a connecting taxiway
- Helicopter maintenance hangar (3,950 m<sup>2</sup>, 13.5m height) for servicing and storage
- Infrastructure improvements to enhance aircraft movement and operational efficiency

### Project Description

This project involved the construction of the Temporary Fernandez Landing Zone within the Green Zone, Baghdad, supporting helicopter operations in a high-security environment. The work included a reinforced concrete landing area, two designated helicopter parking aprons, and a taxiway, ensuring efficient aircraft movement and staging.

Additionally, the project featured the development of a 3,950 m<sup>2</sup> helicopter maintenance hangar, providing servicing, storage, and operational support for military and government aircraft. These upgrades significantly enhanced aviation capabilities, security, and mission readiness within the Green Zone.

# FERNANDEZ LANDING ZONE & MAINTENANCE FACILITY

Green Zone, Baghdad



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## Project Overview

**Location** : Al Kufra Airport, Libya  
**Client** : Webuild (Salini-Impregilo)  
**Project Date** : On Hold

## Project Specifications

- Runway and taxiway rehabilitation: Reconstruction of taxiways, take-off runways, and exit taxiways to enhance operational safety
- Pavement and structural upgrades: Installation of subbase, crushed stone base layers, bitumen courses, and reinforced concrete slabs for improved durability and load-bearing capacity
- Airfield lighting and safety systems: Installation of new lighting systems to improve night-time and low-visibility operations

## Project Description

This project involves the modernization and reconstruction of airfield infrastructure at Al Kufra Airport, Libya, aimed at enhancing airport safety and operational capacity. The scope includes runway, taxiway, and pavement rehabilitation, ensuring structural resilience and compliance with aviation standards.

Key upgrades feature new subbase, crushed stone layers, bitumen courses, and reinforced concrete slabs, extending pavement longevity. Additionally, advanced airfield lighting systems are being installed to enhance visibility and navigation for both commercial and military aircraft. These improvements will contribute to a safer and more efficient airport once the project resumes.



# AL KUFRA AIRFIELD REHABILITATION

Al Kufra Airport, Libya





COMPLETED PROJECT



#### Project Overview

**Location** : Camp Bastion, Afghanistan  
**Client** : US Army Corps of Engineers  
**Project Date** : 2013

#### Project Specifications

- Entry Control Point (ECP) construction with an inspection area, material transfer point, control building, and canine area
- Security infrastructure enhancements, including guard towers, fencing, lighting, and security barriers
- Roadway and access development, featuring asphalt paving, ramp parking, a taxiway ladder connection, and a vehicular access road
- 22,500 m<sup>2</sup> aircraft ramp area designed for hazardous cargo handling

#### Project Description

This project involved the construction of a new Entry Control Point (ECP) and access infrastructure at Camp Bastion, Afghanistan, enhancing security and operational efficiency. The ECP included inspection areas, perimeter security features, and lighting systems to ensure controlled access and improved base protection.

The project supported aviation and logistics operations by developing a 22,500 m<sup>2</sup> aircraft ramp area, designed for hazardous cargo handling, as well as new parking, taxiway connections, and access roads. These upgrades significantly improved airfield logistics, security, and overall base functionality.

# CAMP BASTION ENTRY CONTROL & AIRFIELD ACCESS IMPROVEMENTS

Camp Bastion, Afghanistan



**Aviation**  
Infrastructure

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## Project Overview

**Location** : Camp Speicher, Tikrit, Iraq  
**Client** : US Army Corps of Engineers  
**Project Date** : 2009

## Project Specifications

- Operation and management of a fully functional asphalt batch plant
- Production of Hot Mix Asphalt (HMA) for airfield runways, taxiways, and access roads
- Installation of asphalt pavement using specialized laying and finishing equipment
- Surface reinforcement and finishing to enhance durability and load-bearing capacity

## Project Description

This project involved the operation and management of an asphalt batch plant at Camp Speicher, Tikrit, Iraq, ensuring the continuous production of Hot Mix Asphalt (HMA) for military airfield and roadway construction. The work supported runway, taxiway, and road pavement installation, improving overall infrastructure.

Specialized asphalt laying, finishing, and reinforcement equipment was deployed to ensure high-quality, durable surfaces for military and operational use. These upgrades significantly enhanced airbase mobility, durability, and long-term functionality.



COMPLETED PROJECT

# SPEICHER AIRBASE RUNWAY & ROAD PAVEMENT WORKS

Camp Speicher, Tikrit, Iraq





### Project Overview

**Location** : Baghdad, Iraq  
**Client** : US Army Corps of Engineers  
**Project Date** : 2011

### Project Specifications

- Flight operations infrastructure, including a maintenance hangar, helicopter and fixed-wing aircraft support, and aircraft aprons
- Personnel and operational facilities, featuring restrooms, force protection measures, and security enhancements
- Utility systems, including electrical distribution, water storage, and sewage collection for long-term sustainability

### Project Description

This project involved the design and construction of an aviation operations facility at Baghdad International Airport, supporting the DoS Diplomatic Security Service. The facility includes a hangar, aircraft parking aprons, and operational support buildings, ensuring efficient flight operations, maintenance, and logistics support.

To enhance mission readiness and security, the project integrated force protection measures, electrical and water distribution systems, and aviation-specific infrastructure. These upgrades provide a secure, sustainable, and fully equipped aviation facility for both rotary and fixed-wing aircraft operations.

# BAGHDAD INTERNATIONAL AIRPORT AVIATION OPERATIONS FACILITY

Baghdad, Iraq



**Aviation**  
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# Water & Hydropower Infrastructure



### Project Overview

**Location** : Dahla, Afghanistan  
**Client** : US Army Corps of Engineers  
**Project Date** : 2016

### Project Specifications

- Raising Dahla Dam by seven meters to expand reservoir capacity
- Infrastructure modifications to the inlet, outlet works, and appurtenant structures
- Enhanced water storage for irrigation in the Arghandab Valley
- Improved municipal water supply for Kandahar City

### Project Description

The Dahla Dam Improvement Project focuses on expanding the reservoir capacity by raising the dam by seven meters. This expansion will enhance irrigation infrastructure in the Arghandab Valley and support future municipal water supply needs for Kandahar City.

The project scope includes modifications to the dam's inlet and outlet works, as well as structural reinforcements to accommodate an eight-meter raise in the dam structure. These upgrades are essential for improving regional water security and agricultural sustainability.

# DAHLA DAM IMPROVEMENT PROJECT

Dahla, Afghanistan



## Water Hydropower Structures

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## Project Overview

**Location** : Kajaki, Helmand Province, Afghanistan  
**Client** : DABS (Funded by USAID)  
**Project Date** : 2016

## Project Specifications

- Installation of Turbine Generator Unit #2 at Kajaki Hydropower Plant
- Refurbishment of Governor, Excitation, and Automation Systems for Unit #1 and Unit #3
- Enhancement of hydroelectric power generation efficiency
- Upgrades to control and monitoring systems

## Project Description

This project involved the installation of a new turbine generator unit (#2) at the Kajaki Dam Hydropower Plant, a key energy facility in Helmand Province, Afghanistan. The upgrades aim to increase hydroelectric power capacity and improve overall system reliability.

Additionally, the project included refurbishment of the governor, excitation, and automation systems for Unit #1 and Unit #3, modernizing the plant's power generation and control infrastructure. These improvements are critical to optimizing energy output and ensuring long-term operational efficiency.



COMPLETED PROJECT

# KAJAKI DAM HYDROPOWER PLANT TURBINE GENERATOR INSTALLATION

Kajaki, Helmand Province, Afghanistan



# MOSUL WASTEWATER TREATMENT PLANT

Mosul, Iraq

## Project Overview

**Location** : Mosul, Iraq  
**Client** : Ministry of Municipalities, Baghdad, Iraq  
**Project Date** : Ongoing Project

## Project Specifications

- Turnkey construction of a 100,000 m<sup>3</sup>/day wastewater treatment plant
- Development of supporting infrastructure, including pumping stations, sludge treatment units, and discharge systems
- Implementation of modern wastewater treatment technologies to enhance efficiency and environmental sustainability

## Project Description

This project involved the construction of a state-of-the-art wastewater treatment facility in Mosul, designed to process 100,000 cubic meters of wastewater daily. The plant significantly enhances the city's wastewater management system, reducing pollution and improving public health conditions.

After initial delays, work resumed in 2019, leading to the successful completion of critical infrastructure. This facility plays a crucial role in improving the sanitation infrastructure of Mosul's right side, ensuring long-term environmental sustainability.



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**Water Hydropower**  
Structures

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ONGOING PROJECT





### Project Overview

**Location** : Mosul, Iraq  
**Client** : Ministry of Municipalities, Baghdad, Iraq  
**Project Date** : 2020

### Project Specifications

- Installation of a 25 km sewage trunk line, supporting large-scale wastewater transportation
- Pipe diameters ranging from 3m to 0.25m, designed to handle increased wastewater loads

### Project Description

This project involved the construction of a 25 km sewage trunk line in Mosul, significantly improving wastewater management and sanitation infrastructure. The system facilitates efficient sewage transportation, reducing environmental risks and enhancing public health in the region.

By installing high-capacity pipes of varying diameters, the project ensures improved wastewater flow efficiency and long-term system durability. The successful completion of this project supports urban development, strengthens environmental sustainability, and enhances overall sewage system performance.

# MOSUL SEWAGE TRUNK LINE

Mosul, Iraq



## Water Hydropower Structures

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Other Projects

# Pipeline & Storage Infrastructure

# WEST QURNA OIL FIELD

Lukoil Middle East

## Project Overview

**Location** : Qurna, Iraq  
**Client** : Lukoil Middle East  
**Project Date** : 2020

## Project Specifications

- West Qurna Oil Field, Well Pads Expansion & Infrastructure Development (2018)
- West Qurna Oil Field, Infrastructure & Security Facilities (2018)
- West Qurna Oil Field, Central Processing Facility & Well Pad Infrastructure (2018)
- West Qurna Oil Field, Decentralized Water Injection Facilities (2020)

## Project Specifications

- Expansion and infrastructure development across six well pads, integrating 5 oil wells, two water injection wells, and connections to historical wells
- Construction and utility upgrades for the 550,000 BPD Central Processing Facility (CPF), including access roads, well cellars, drainage, pipe networks, and substations
- Engineering and installation of decentralized water injection systems, featuring new supply wells, ICCS control systems, and chemical injection skids
- Comprehensive security and access control, including checkpoints, 7m watchtowers, anti-ram barriers, T-Wall fencing, bulletproof gates, and a 12 km dual-lane access road

## Project Description

This multi-phase initiative encompassed the integrated expansion of Iraq's West Qurna Oil Field, one of the country's most strategic energy assets. Delivered between 2018 and 2020, the program combined well pad development, processing facility upgrades, decentralized water injection systems, and field-wide security and access infrastructure.

The project connected 52 production wells, added water injection capacity, and upgraded key facilities such as the Central Processing Facility (CPF) and supporting infrastructure. Additional enhancements included chemical injection systems, instrumentation and telecom networks, and field security systems across Clusters M1 and M3.

Executed on a fast-track timeline, these coordinated sub-projects collectively improved oil output, operational reliability, and long-term field sustainability, positioning West Qurna as a critical pillar of Iraq's oil production landscape.



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**Water Hydropower**  
Structures

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COMPLETED PROJECT



## Project Overview

**Location** : Camp Lemonnier, Djibouti  
**Client** : US Navy Facilities Engineering Command  
**Project Date** : 2021

## Project Specifications

- Water well development, including the drilling, installation, and testing of six pilot boreholes, and the rehabilitation of existing production wells
- Expansion of water supply infrastructure, with the construction of a minimum of three new water supply wells and integration into the raw water distribution system
- System upgrades and testing, including the upgrade of the ROWPU Industrial Controls System (ICS) and execution of technical functionality testing

## Project Description

This project involved the rehabilitation and expansion of the water supply system at Camp Lemonnier, Djibouti, ensuring improved water production and distribution efficiency. The work included drilling and testing six pilot boreholes, conducting cleaning and rehabilitation of existing production wells, and constructing new supply wells based on operational analysis.

Additionally, the ROWPU Industrial Controls System (ICS) was upgraded to enhance water management, treatment efficiency, and overall system reliability. These improvements strengthened Camp Lemonnier's water infrastructure, ensuring long-term operational sustainability.

COMPLETED PROJECT



# CAMP LEMONNIER WATER SYSTEM REHABILITATION & EXPANSION

Camp Lemonnier, Djibouti



## Pipeline & Storage Infrastructure

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### Project Overview

**Location** : LSA Anaconda, Iraq  
**Client** : Perini Management Services Inc.  
**Project Date** : 2009

### Project Specifications

- Construction of water and fuel storage systems, including 13 water storage tanks (500,000-gallon capacity each) and 4 fuel storage tanks (250,000-gallon capacity each)
- Development of pumping and distribution infrastructure, featuring a pump house, control room, and underground transfer tanks to support logistics operations

### Project Description

This project was executed at LSA Anaconda (Logistics Support Area Anaconda), one of the largest U.S. military bases in Iraq, serving as a critical logistics and supply hub. The work included high-capacity water and fuel storage infrastructure, ensuring efficient supply chain operations for military and support activities.

The installation of water and fuel storage systems, along with integrated pumping and distribution networks, significantly enhanced on-site supply capabilities, operational efficiency, and long-term sustainability for base operations.



COMPLETED PROJECT

# LSA ANACONDA WATER & FUEL STORAGE FACILITIES

LSA Anaconda, Iraq





### Project Overview

**Location** : Camp Speicher, Tikrit, Iraq  
**Client** : Perini Management Services Inc.  
**Project Date** : 2009

### Project Specifications

- Construction of fuel storage infrastructure, including eight bolted fuel tanks (400,000-gallon capacity each) and one additional fuel tank (200,000-gallon capacity)
- Site development and security enhancements, featuring containment dikes, gravel roadways, concrete truck stands, and perimeter security fencing

### Project Description

This project involved the construction of a fuel storage facility at Camp Speicher, Tikrit, supporting fuel supply and distribution operations. The development included high-capacity storage tanks, containment measures, and security installations, ensuring safe and efficient fuel management for military and logistical needs.

By integrating containment dikes, reinforced roadways, and security fencing, these upgrades enhanced operational efficiency, improved fuel logistics, and strengthened facility security.

# CAMP SPEICHER FUEL STORAGE FACILITY

Camp Speicher, Tikrit, Iraq



## Pipeline & Storage Infrastructure

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#### Project Details:

- Installation of a 0.5 MG elevated steel water storage tank, booster pump system, and fire pump systems
- Replacement of 300 mm pipelines and installation of fiber optic lines and control valve systems



## FY18 WATER SYSTEM REPAIR

Location : Camp Lemonnier, Djibouti  
Client : US Navy Facilities Engineering Command  
Project Date : 2021



#### Project Details:

- Construction of a 5,000 BBL surface facility with flowline civil works
- Integration of electromechanical systems and supporting infrastructure



## SURFACE FACILITY

Location : Erbil, Iraq  
Client : OMV Company  
Project Date : 2013



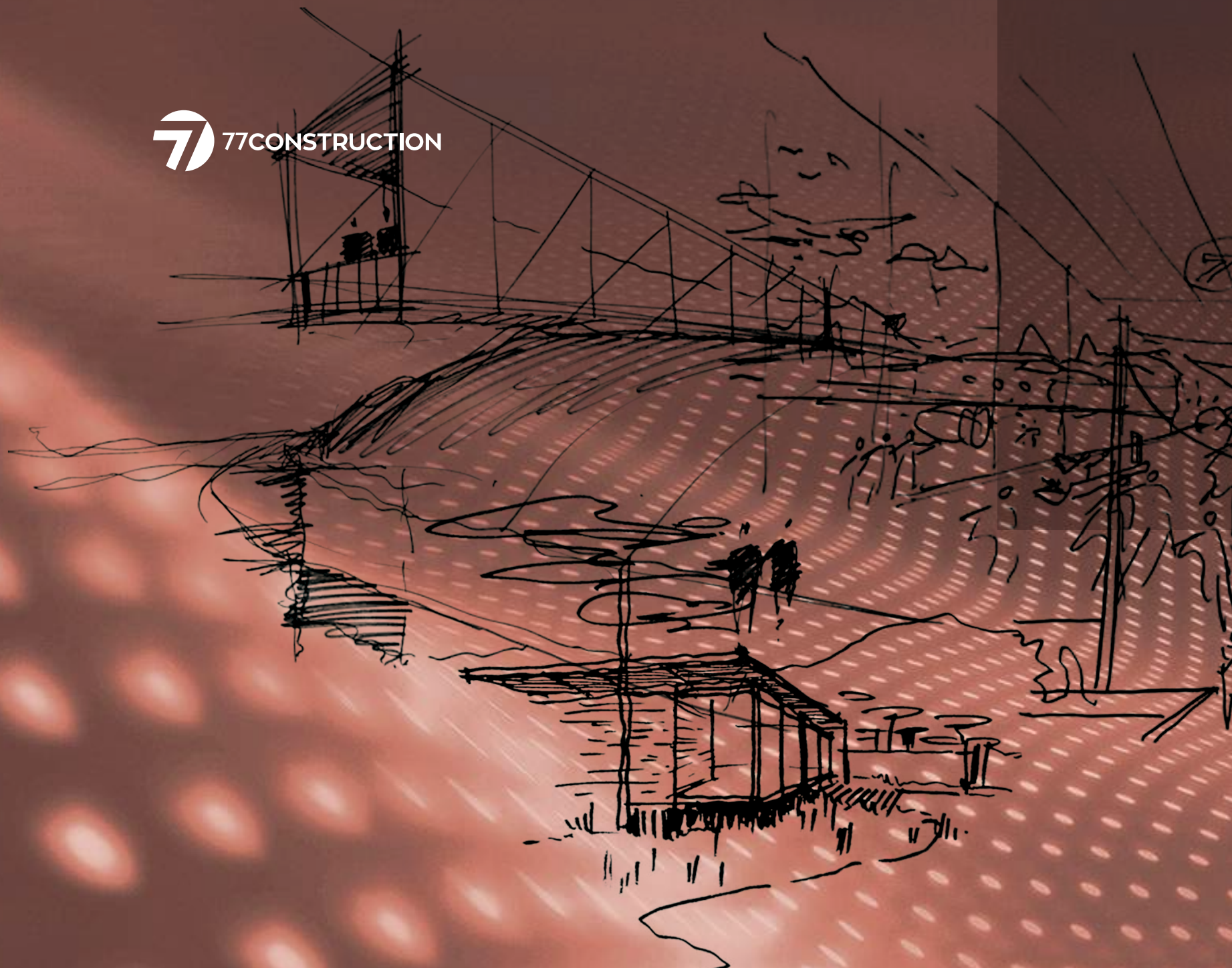
#### Project Details:

- Installation of a 0.5 MG elevated steel water storage tank, booster pump system, and fire pump systems
- Replacement of 300 mm pipelines and installation of fiber optic lines and control valve systems



## REFINERY INFRASTRUCTURE & CIVIL WORKS

Location : Bazian, Sulaymaniyah, Iraq  
Client : Bezhah Petroleum Refinery  
Project Date : 2012





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# Facility Development

# GAZPROM BADRA CENTRAL PROCESSING FACILITY

Badra, Iraq

## Project Overview

**Location** : Badra, Iraq  
**Client** : Gazprom & Samsung Engineering  
**Project Date** : 2017

## Project Specifications

- LPG and gas processing infrastructure, including the design and construction of LPG storage, Gas Train A & B, and GTG systems
- Supporting utility systems, featuring heating medium and refrigeration systems for processing efficiency
- Underground infrastructure and site development, including road paving, sulphur storage, SRU, and pits

## Project Description

This project involved the design and construction of civil and structural works for the Badra Central Processing Facility (CPF) Phase-2, supporting Gazprom's energy infrastructure. The facility includes advanced LPG storage systems, gas train units, and sulphur recovery units (SRU), enhancing Iraq's gas processing and refining capacity.

Additionally, the integration of underground infrastructure, road paving, and electromechanical systems ensures long-term operational efficiency and sustainability. The successful execution of this project strengthens Iraq's energy sector, contributing to industrial and economic growth in the region.



**Facility**  
Development

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COMPLETED PROJECT



#### Project Overview

**Location** : Camp Lemonnier, Djibouti  
**Client** : Tetra Tech  
**Project Date** : 2015

#### Project Specifications

- Construction of a 6,000 m<sup>2</sup> (64,583 ft<sup>2</sup>) three-story military barracks with 125 double-occupancy 2+0 Navy Units
- Facility support infrastructure, including mechanical, electrical, and telecommunications rooms
- Building systems installation, featuring plumbing, fire protection, HVAC, lighting, and security systems

#### Project Description

This project involved the design and construction of the P920 Bachelor Quarters (BQ) facility at Camp Lemonnier, providing essential accommodations for military personnel. The barracks include living quarters, a multi-purpose room, public restrooms, laundry rooms, and vending areas, ensuring a comfortable and functional living environment.

The facility also integrated critical infrastructure, including HVAC, plumbing, fire protection, and electrical systems, meeting military standards for safety, durability, and operational efficiency. The successful completion of this project reinforced high-quality housing solutions for military personnel at the base.

COMPLETED PROJECT



# CAMP LEMONNIER BACHELOR QUARTERS CONSTRUCTION

Camp Lemonnier, Djibouti



## Facility Development

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### Project Overview

**Location** : Basra, Iraq  
**Client** : Hyundai Engineering & Construction  
**Project Date** : Estimated Q2 2025

### Project Specifications

- Expansion and modernization of refinery facilities, including civil and building works, along with the installation of a Fluid Catalytic Cracking Unit, Vacuum Distillation Unit, and Diesel Desulfurization Unit
- Production capacity upgrades, increasing output to 19,000 barrels/day of gasoline and 36,000 barrels/day of diesel fuel while ensuring compliance with international environmental standards

### Project Description

This project supports the expansion and modernization of the Basra Refinery, enhancing Iraq's fuel production capacity and energy security. The installation of advanced refining units will improve processing efficiency, sustainability, and overall operational performance.

Additionally, the refinery will be upgraded to meet international environmental standards, minimizing its environmental impact. As part of Iraq's broader refinery modernization initiative, this project will strengthen the country's energy infrastructure, boost economic growth, and improve refining capabilities.



# BASRA REFINERY EXPANSION CIVIL & BUILDING WORKS

Basra, Iraq

ESTIMATED





### Project Overview

**Location** : Sanem, Luxembourg  
**Client** : US Army Corps of Engineers  
**Project Date** : Estimated Q4 2026

### Project Specifications

- Construction of three pre-engineered metal storage warehouses covering 20,000 m<sup>2</sup>, designated for container storage, vehicle storage, and pallet storage
- Infrastructure and utility installations, including a fire water tank, pump system, and associated utilities
- Stormwater management and site development, featuring a stormwater retention pond and incidental related work

### Project Description

This project involves the construction of a large-scale storage complex in Sanem, Luxembourg, supporting the US Army Corps of Engineers' Deployable Airbase Systems (DABS-FEV). The facility will enhance logistical efficiency and operational readiness by providing dedicated storage for equipment, vehicles, and materials.

Additionally, the project integrates fire protection systems, stormwater management, and critical infrastructure upgrades to support long-term military logistics and strategic airbase capabilities in the region.

ESTIMATED



# DEPLOYABLE AIRBASE SYSTEMS STORAGE COMPLEX SANEM

Sanem, Luxembourg



## Facility Development

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## Project Overview

**Location** : Bagram Airfield, Afghanistan  
**Client** : US Army Corps of Engineers  
**Project Date** : 2014

## Project Specifications

- Construction of five contingency standard barracks (CMU structures) with a housing capacity of 800 military personnel
- Installation of essential infrastructure, including electrical, water, sewage distribution, mechanical systems, and integrated information networks
- Site improvements, featuring roads, drainage systems, and parking facilities to enhance accessibility and functionality
- Relocation and demolition of the Supply Support Area (SSA) to optimize space utilization

## Project Description

This project involved the design and construction of five barracks at Bagram Airfield, providing secure, durable housing for 800 military personnel. The facilities were built using contingency standard design with reinforced concrete masonry (CMU) to ensure long-term durability and compliance with military safety standards.

Supporting infrastructure included electrical and water distribution, sewage systems, mechanical systems, and integrated information networks. Additionally, site enhancements such as roads, drainage, and parking facilities were implemented to improve accessibility and logistics efficiency. The Supply Support Area (SSA) was relocated and demolished to accommodate the expansion and optimize operational space within the airfield.



# BAGRAM AIRFIELD BARRACKS CONSTRUCTION

Bagram Airfield, Afghanistan



COMPLETED PROJECT





## Project Overview

**Location** : Bagram Airfield, Afghanistan  
**Client** : US Army Corps of Engineers  
**Project Date** : 2014

## Project Specifications

- Construction of four contingency standard barracks using reinforced concrete masonry (CMU) structures, accommodating 640 military personnel
- Installation of essential infrastructure, including electrical, water, sewage distribution, mechanical systems, and integrated information networks
- Site improvements, featuring roads, drainage systems, and parking facilities to enhance accessibility and functionality

## Project Description

This project involved the design and construction of four barracks at Bagram Airfield, providing secure, durable housing for 640 military personnel. The facilities were built using contingency standard design with reinforced concrete masonry, ensuring long-term durability and compliance with military safety standards.

Supporting infrastructure included electrical and water distribution, sewage systems, mechanical systems, and information networks. Additionally, site enhancements such as roads, drainage, and parking facilities were developed to improve accessibility and overall base functionality.

COMPLETED PROJECT



# BAGRAM AIRFIELD BARRACKS CONSTRUCTION

Bagram Airfield, Afghanistan



**Facility**  
Development

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#### Project Details:

- Construction of a waste management complex with incinerators, hazardous waste storage, and a recycling facility
- Development of infrastructure, utility systems, and security measures to support safe and efficient operations



COMPLETED PROJECT

## BAGRAM AIRFIELD WASTE MANAGEMENT COMPLEX

Location : Bagram Airfield, Afghanistan  
Client : US Army Corps of Engineers  
Project Date : 2013



#### Project Details:

- Construction of seven mission-critical facilities, including command and control, aviation support, and security infrastructure
- Installation of high mast lighting, electrical systems, and security measures to enhance base operations



COMPLETED PROJECT

## BAGRAM AIRFIELD MISSION SUPPORT FACILITIES

Location : Bagram Airfield, Afghanistan  
Client : CH2M Hill  
Project Date : 2014



#### Project Details:

- Construction of troop accommodations, bunkers, and tents with supporting infrastructure
- Installation of utility systems, roadways, and drainage to enhance base functionality



COMPLETED PROJECT

## TROOP BILLETING & SUPPORT FACILITIES FOB PAYNE

Location : Balad Air Base, Iraq  
Client : CH2M Hill  
Project Date : 2009

✓ COMPLETED PROJECT

## FOB GERONIMO TROOP BILLETING & SUPPORT FACILITIES

Location : FOB Geronimo, Afghanistan  
Client : DynCorp  
Project Date : 2010

### Project Details:

- Construction of bunkers, tents, latrines, and utility systems for troop accommodation
- Development of roadways and supporting infrastructure to enhance base operations



✓ COMPLETED PROJECT

## BALAD AIR BASE ENTRY POINTS AND TRUCK BYPASS

Location : Balad Air Base, Iraq  
Client : US Army Corps of Engineers  
Project Date : 2009

### Project Details:

- Construction of secured entry control points and a truck lane bypass
- Installation of security fencing, force protection systems, and electrical infrastructure



✓ COMPLETED PROJECT

## BAGHDAD AIR OPERATION CENTER

Location : Baghdad, Iraq  
Client : US Army Corps of Engineers  
Project Date : 2011

### Project Details:

- Construction of a 1,550 m<sup>2</sup> air operation center with an operation floor and support offices
- Designed to accommodate 85 personnel for aviation operations and mission control







#### Project Details:

- Installation of a 0.5 MG elevated steel water storage tank, booster pump system, and fire pump systems
- Replacement of 300 mm pipelines and installation of fiber optic lines and control valve systems

✓ COMPLETED PROJECT

## BAGRAM AIRFIELD ENTRY CONTROL FACILITY CONSTRUCTION

Location : Bagram Airfield, Afghanistan  
Client : US Army Corps of Engineers  
Project Date : 2013



#### Project Details:

- Construction of four military barracks, latrines, and a 2,754 m<sup>2</sup> DFAC (Dining Facility)
- Development of infrastructure to improve living conditions and base support operations

✓ COMPLETED PROJECT

## BAGRAM AIRFIELD BARRACKS AND DFAC CONSTRUCTION

Location : Bagram Airfield, Afghanistan  
Client : CH2M Hill  
Project Date : 2010



#### Project Details:

- Construction of a secure munitions storage and maintenance complex
- Integration of security infrastructure, communication systems, and logistical support facilities

✓ COMPLETED PROJECT

## BALAD AIR BASE MUNITIONS STORAGE COMPLEX

Location : Balad Air Base, Iraq  
Client : CH2M Hill  
Project Date : 2009





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# Power & Utility Systems

# U.S. EMBASSY POWER PLANT REPLACEMENT & UTILITY UPGRADES

Baghdad, Iraq

## Project Overview

**Location** : Baghdad, Iraq  
**Client** : US DOS Overseas Building Operations  
**Project Date** : 2022

## Project Specifications

- Power generation and facility upgrades, including the construction of a new UTL-2 power plant, a UTL-3A central office/telephone exchange, and rehabilitation of the UTL-1 power plant for warehouse and cooling center use
- Infrastructure and utility enhancements, featuring a new 11kV electrical distribution system, underground fuel storage, and heat recovery units (COGEN) for energy efficiency
- Safety and security improvements, including fire protection systems, water treatment, sewage upgrades, perimeter security lighting, and telecom system installations

## Project Description

This project involved the replacement and modernization of power generation and utility infrastructure at the U.S. Embassy in Baghdad, ensuring enhanced energy efficiency and operational reliability. The scope included the construction of a new power plant (UTL-2), a central office/telephone exchange facility (UTL-3A), and the rehabilitation of the existing UTL-1 power plant for warehouse and cooling center use.

Additional enhancements included electrical distribution upgrades, fuel storage expansion, and fire protection system improvements, along with security lighting, telecom systems, and site-wide utility upgrades. These improvements strengthen the embassy's energy resilience, sustainability, and long-term operational capabilities.



**Power & Utility**  
Systems

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# PRIME POWER ELECTRICAL DISTRIBUTION & TRANSFORMER RENOVATION

Balad, Iraq

## Project Overview

**Location** : Balad, Iraq  
**Client** : Sallyport Global  
**Project Date** : 2016

## Project Specifications

- Power plant capacity expansion, including renovation and overhaul of Prime Power Plant systems to provide 25.5 MW generator capacity and extension of prime power supply to existing and new facilities
- High-voltage electrical upgrades, featuring new 11kV feeders from the Base Step-Down Facility (Bldg. 5010), replacement of 11kV/33kV equipment and cables, and installation of underground 33kV cables connecting the switchgear to the Iraqi Ministry of Electricity (MoE) overhead tower system
- Infrastructure and site improvements, including construction of switchgear building enclosures, development of an administrative area at Control Room A, fencing, roadwork, and general infrastructure enhancements

## Project Description

This project involved the renovation, repair, and expansion of a Prime Power Electrical Distribution System in Balad, Iraq, ensuring enhanced power capacity and stability. The work included upgrading the generator capacity to 25.5 MW, installing new step-down transformers, and enhancing high-voltage (11kV & 33kV) electrical feeders for optimized power distribution.

Additionally, switchgear building enclosures were constructed, an administrative area was developed at Control Room A, and site-wide infrastructure improvements—including fencing, roadwork, and general facility enhancements—were implemented. These upgrades provide a more stable, efficient, and expanded power distribution network for critical facilities.



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**Other  
Projects**

✓ COMPLETED PROJECT

## SCORPION GATE, DJIBOUTI

Location : Camp Lemonnier, Djibouti  
Client : NAVFAC Engineering Command  
Project Date : 2024

### Project Details:

- Construction of bunkers, tents, latrines, and utility systems for troop accommodation
- Development of roadways and supporting infrastructure to enhance base operations

Roads,  
Bridges &  
Civil Works



✓ COMPLETED PROJECT

## OVERHEAD COVERAGE SYSTEMS

Location : Baghdad, Iraq  
Client : Dyncorp  
Project Date : 2010

### Project Details:

- Construction of bunkers, tents, latrines, and utility systems for troop accommodation
- Development of roadways and supporting infrastructure to enhance base operations

Roads,  
Bridges &  
Civil Works



✓ COMPLETED PROJECT

## ARAKLI-İYİDERE MOTORWAY CONSTRUCTION

Location : Türkiye  
Client : Dogus - Polat JV  
Project Date : 2007

### Project Details:

- Construction of 10 bridges on the Araklı-İyidere section with foundation works, piling, piers, precast beams, and slabs
- Production and installation of precast beams for an additional 13 bridges

Roads,  
Bridges &  
Civil Works



Other  
Projects

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Roads,  
Bridges &  
Civil Works

Project Details:

- Construction of a 24 km concrete road, 9 meters wide
- Improved local transportation infrastructure and regional access

✓ COMPLETED PROJECT

## ARAR CONCRETE ROAD CONSTRUCTION

Location : Mosul, Iraq  
Client : Hamurabi & Ashur Baghdad, Iraq  
Project Date : 2019



Roads,  
Bridges &  
Civil Works

Project Details:

- Construction of a 550-meter-long bridge with 14 spans and 140 precast concrete beams
- Development of a 1,775-meter asphalt approach highway to improve regional connectivity

✓ COMPLETED PROJECT

## QANDEEL BRIDGE & APPROACHES HIGHWAY

Location : Qandeel, Iraq  
Client : Council of Ministries General Directorate of Roads & Bridges  
Project Date : 2012



Roads,  
Bridges &  
Civil Works

Project Details:

- Construction of 16 overpasses, 8 river bridges, and 8 viaducts
- Installation of reinforced concrete culverts to support regional transportation infrastructure

✓ COMPLETED PROJECT

## EDİRNE—KINALI MOTORWAY CONSTRUCTION

Location : Türkiye  
Client : Doğuş İnşaat  
Project Date : 1988



COMPLETED PROJECT

## GEREDE-GÜMÜŞOVA MOTORWAY CONSTRUCTION

Location : Türkiye  
Client : Astaldi S.p.A.  
Project Date : 2007

### Project Details:

- Execution of viaduct assembly, foundation works, and precast beam production
- Contributed to the completion of major motorway infrastructure in collaboration with the main contractor

Roads,  
Bridges &  
Civil Works



COMPLETED PROJECT

## ÇAYELİ-İYİDERE MOTORWAY CONSTRUCTION

Location : Türkiye  
Client : Limak Construction  
Project Date : 2007

### Project Details:

- Construction of 9 bridges on the İyidere-Çayeli section of the Black Sea Coastal Motorway
- Scope included excavation, foundation works, piling, precast beam installation, and slab works

Roads,  
Bridges &  
Civil Works



COMPLETED PROJECT

## RAHIMAWA BRIDGE CONSTRUCTION

Location : Iraq  
Client : General Directorate of Roads & Bridges  
Project Date : 2008

### Project Details:

- Construction of a 160-meter-long bridge with a double carriageway and three lanes
- Improved regional connectivity and traffic capacity

Roads,  
Bridges &  
Civil Works



Other  
Projects

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Roads,  
Bridges &  
Civil Works

Project Details:

- Construction of the Zaim overpass (500 meters) and Zaim underpass (550 meters)
- Improved local traffic flow and regional connectivity

✓ COMPLETED PROJECT

## ZAIM OVERPASS & UNDERPASS CONSTRUCTION

Location : Iraq  
Client : General Directorate of Roads & Bridges  
Project Date : 2006



Roads,  
Bridges &  
Civil Works

Project Details:

- Construction of the Bastoria Bridge
- Improved local traffic flow and regional connectivity

✓ COMPLETED PROJECT

## BASTORIA BRIDGE CONSTRUCTION

Location : Iraq  
Client : General Directorate of Roads & Bridges  
Project Date : 2007



Roads,  
Bridges &  
Civil Works

Project Details:

- Construction of the Shores overpass in Erbil
- Enhanced local infrastructure and traffic flow

✓ COMPLETED PROJECT

## SHORESH BRIDGE CONSTRUCTION

Location : Iraq  
Client : General Directorate of Roads & Bridges  
Project Date : 2007

✓ COMPLETED PROJECT

## IFRAZ BRIDGE CONSTRUCTION

**Location** : Iraq  
**Client** : General Directorate of Roads & Bridges  
**Project Date** : 2007

### Project Details:

- Construction of Ifraz bridge with a single carriageway and two lanes
- Total bridge length of 348 meters

**Roads,  
Bridges &  
Civil Works**



✓ COMPLETED PROJECT

## ABO ZORAIK-KUFRA ROAD REHABILITATION

**Location** : Libya  
**Client** : Transportation Projects Board  
**Project Date** : 2025

### Project Details:

- Rehabilitation of 125 km of roadway, including pavement removal, subbase compaction, and asphalt reconstruction
- Installation of pavement markings and traffic signs to enhance road safety and driving conditions

**Roads,  
Bridges &  
Civil Works**



✓ COMPLETED PROJECT

## ALOKHA - MALTA - TENAHI BRIDGE CONSTRUCTION

**Location** : Iraq  
**Client** : General Directorate of Roads & Bridges  
**Project Date** : 2006

### Project Details:

- Construction of two bridges with double carriageways and double lanes totaling 75 meters
- Construction of one bridge with a double carriageway, four lanes, and a length of 25 meters

**Roads,  
Bridges &  
Civil Works**







Piling Works

Project Details:

- Specialized piling works involving excavation and ground preparation for deep foundation systems.

✓ COMPLETED PROJECT

## KUŞTEPE PETROL PLATFORM

**Location** : Erbil, Iraq  
**Client** : General Directorate of Roads & Bridges  
**Project Date** : 2011



Piling Works

Project Details:

- Specialized piling works involving excavation and ground preparation for deep foundation systems.

✓ COMPLETED PROJECT

## RIZGARI CROSSROADS

**Location** : Erbil, Iraq  
**Client** : Erbil Municipality  
**Project Date** : 2011



Piling Works

Project Details:

- Specialized piling works involving excavation and ground preparation for deep foundation systems.

✓ COMPLETED PROJECT

## KALAR BRIDGE

**Location** : Erbil, Iraq  
**Client** : General Directorate of Roads & Bridges  
**Project Date** : 2011



COMPLETED PROJECT

## KUFRI KELER BRIDGE

Location : Erbil, Iraq  
Client : General Directorate of Roads & Bridges  
Project Date : 2011

### Project Details:

- Specialized piling works involving excavation and ground preparation for deep foundation systems.

Piling Works



COMPLETED PROJECT

## QUARA INCIR BRIDGE

Location : Erbil, Iraq  
Client : General Directorate of Roads & Bridges  
Project Date : 2012

### Project Details:

- Specialized piling works involving excavation and ground preparation for deep foundation systems.

Piling Works



COMPLETED PROJECT

## HAVICE BRIDGE

Location : Erbil, Iraq  
Client : General Directorate of Roads & Bridges  
Project Date : 2012

### Project Details:

- Specialized piling works involving excavation and ground preparation for deep foundation systems.

Piling Works



Other  
Projects

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