



Overview of projects and engineering in the pacific island national parks

for the
American Council of Engineering
Companies (ACEC)

National Park Service



The national park system is divided into 7 regions

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The Pacific island national parks are part of the Pacific West Region which also includes CA, NV, OR, WA, and ID

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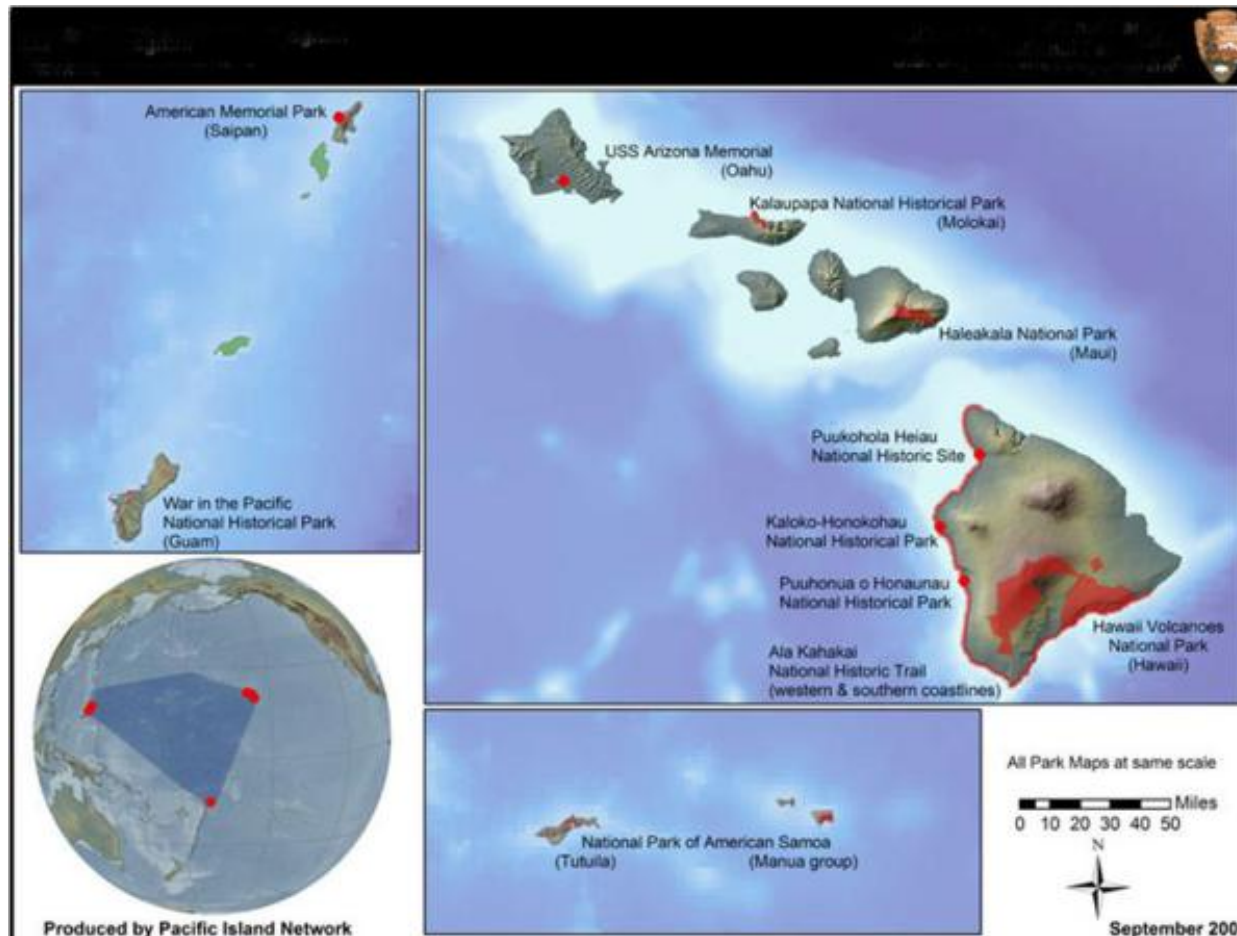


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There are 11 national parks in the pacific islands

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1. Ala Kahakai National Historical Trail, Hawaii
2. American Memorial Park, Saipan
3. Haleakala National Park, Maui
4. Hawai'i Volcanoes National Park, Hawaii
5. Kalaupapa National Historical Park, Molokai
6. Kaloko-Honokohau National Historical Park, Hawaii
7. National Park of American Samoa
8. Pu'uhonua o Honaunau National Historical Park, Hawaii
9. Puukohola Heiau National Historical Site, Hawaii
10. War in the Pacific National Historical Park, Hawaii
11. World War II Valor in the Pacific National Monument, Oahu (includes USS Arizona Memorial)

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Supported by a Honolulu support office

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The regional office in San Francisco

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..... with Design & Construction support from the Denver Service Center (DSC) for large projects

The screenshot displays the National Park Service website. At the top is the National Park Service logo and the text "National Park Service". Below this is a navigation bar with links: "Find a Park", "Discover History", "Explore Nature", "Get Involved", "Working with Communities", "Teachers", "Kids", and "About Us". A search bar is located to the right of the navigation bar. The main header image shows a large, multi-story building with a snow-covered roof, with the text "DSC Workflows" overlaid. Below the header, the page is divided into two columns. The left column contains a sidebar with links: "Home", "Supplemental Cultural Resource Studies", "Design", "Construction", "Information", and "What's New". Below these links is a "Tools" section with icons and links for "FAQs", "Contact Us", and "Site Index". The right column features the heading "Resources for A/Es, CMs, & Contractors" and a paragraph of text: "The Denver Service Center (DSC) Workflows provide resources for Architectural Engineering (A/E) firms, Construction Management (CM) firms, and Contractors who work alongside the DSC to complete projects on a wide variety of new and existing facilities, historic structures, and infrastructure systems. This site includes information related to design, construction, and compliance."

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LOCAL ENGINEERING / CONTRACT STAFF:

Regional Office in Honolulu:

- 1 Professional Civil Engineer (Perm.)
- 2 Contracting Officers

Hawaii Volcanoes National Park:

- 1 Professional Civil Engineer (Term)
- 2 Contracting Officers

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ARCHITECT / ENGINEERS (A/E):

The NPS has a 5-year Indefinite Delivery / Indefinite Quantity (IDIQ) contracts with:

1. Kennedy / Jenks Consultants (Civil)
2. Mason Architects (Architectural)
3. ARG (Historic Preservation)

* Contracts are currently in Option Year 1

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ENGINEERING WORK:

The NPS uses the Indefinite Quantity (IDIQ) contract with Architect/Engineers for:

- Title I – Pre-design Services
- Title II – Design Development Services
- Title III – Construction Inspection Services

Range of A/E work = \$10k to \$125k

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KENNEDY / JENKS CONTRACT HAS:

- Civil Engineering (3 firms with capability)
- Environmental Engineering (2 firms)
- Architecture (2 firms)
- Surveying (2 firms)
- Electrical Engineering (2 firms)
- Marine Engineering (3 firms)
- Geotechnical Engineering (2 firms)
- Seismic / Structural Engineering (3 firms)
- Mechanical / Fire Protection
- Construction Management (2 firms)

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MASON ARCHITECTS CONTRACT HAS:

- Architecture
- Landscape Architecture / Exhibit Media
- Environmental Engineering
- Civil Engineering / Surveying
- Electrical Engineering
- Geotechnical Engineering
- Structural Engineering
- Mechanical / LEED / Fire Protection (2 firms)
- Cost Estimating

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NPS ROLE:

The NPS Regional Civil Engineer:

- Determines A/E services for each project.
- Develops scope of work and estimates.
- Negotiates with A/E on task orders.
- Reviews work products (dwgs / specs).
- Facilitates site visits / meetings.
- Manages the IDIQ contract.

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PROJECTS:

The following slides showcase facility projects completed in the last 2-3 years in pacific island national parks utilizing the services from the A/E IDIQ contract.

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AMERICAN MEMORIAL PARK, SAIPAN:

PRIME CONSULTANT: KENNEDY / JENKS CONSULTANTS

SUBCONSULTANTS: GHD (SAIPAN)

SERVICE: TITLE II – DESIGN DEVELOPMENT

SCOPE: REHABILITATE TENNIS COURTS, DRIVEWAY ACCESS, DRAINAGE

CONSTRUCTION CONTRACT = \$358,793.00



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HALEAKALA NATIONAL PARK, MAUI:

PRIME CONSULTANT: KENNEDY / JENKS CONSULTANTS

SUBCONSULTANTS: NA

SERVICE: TITLE II – DESIGN DEVELOPMENT

SCOPE: REPLACE SEPTIC TANKS AT MAINTENANCE BASE YARD

CONSTRUCTION CONTRACT = \$275,820.00



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HAWAII VOLCANOES NP, HAWAII:

PRIME CONSULTANT: KENNEDY / JENKS CONSULTANTS

SUBCONSULTANTS: NA

SERVICE: TITLE II – DESIGN DEVELOPMENT

SCOPE: REPLACE 3,000' PIPE ALONG STEAM VENTS WITH INSULATED HDPE

CONSTRUCTION CONTRACT = \$600,000.00



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KALAUPAPA NHP, MOLOKAI:

CONTRACTOR: OREGON WOODS (8A CONTRACTOR)

CONSULTANTS: NAGAMINE OKAWA (STRUCTURAL), YOGI KWONG (GEOTECH)

SERVICE: DESIGN - MATCHED CONTRACTOR W/ SPECIALISTS FROM IDIQ

SCOPE: DESIGN / BUILD – EMERGENCY REPLACEMENT OF PALI TRAIL BRIDGE

AWARDS: 2012 ACEC EXCELLENCE AWARD / 2012 APWA EMERGENCY PROJECT

DESIGN / BUILD CONTRACT = \$338,655.00



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PUUHONUA O HONAUNAU NHP, HAWAII:

PRIME CONSULTANT: MASON ARCHITECTS

SUBCONSULTANTS: AMEL TECHNOLOGIES (MECH.), WALLACE T. OKI (ELECTRICAL)

SERVICE: TITLE II – DESIGN DEVELOPMENT

SCOPE: REHABILITATE AUDIO-VISUAL / ELECTRICAL SYSTEM AT AMPHITHEATRE

CONSTRUCTION CONTRACT: \$238,265.00



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WWII VALOR IN THE PACIFIC, OAHU:

PRIME CONSULTANT: KENNEDY / JENKS CONSULTANTS

SUBCONSULTANTS: HIRATA & ASSOCIATES (GEOTECH), CONTROLPOINT (SURVEYING), GHD (MARINE)

SERVICE: TITLE I – PREDESIGN / TITLE II – DESIGN DEVELOPMENT

SCOPE: REPLACE THE USS ARIZONA MEMORIAL FLOATING DOCK

CONSTRUCTION CONTRACT = TBD

