
AVAE



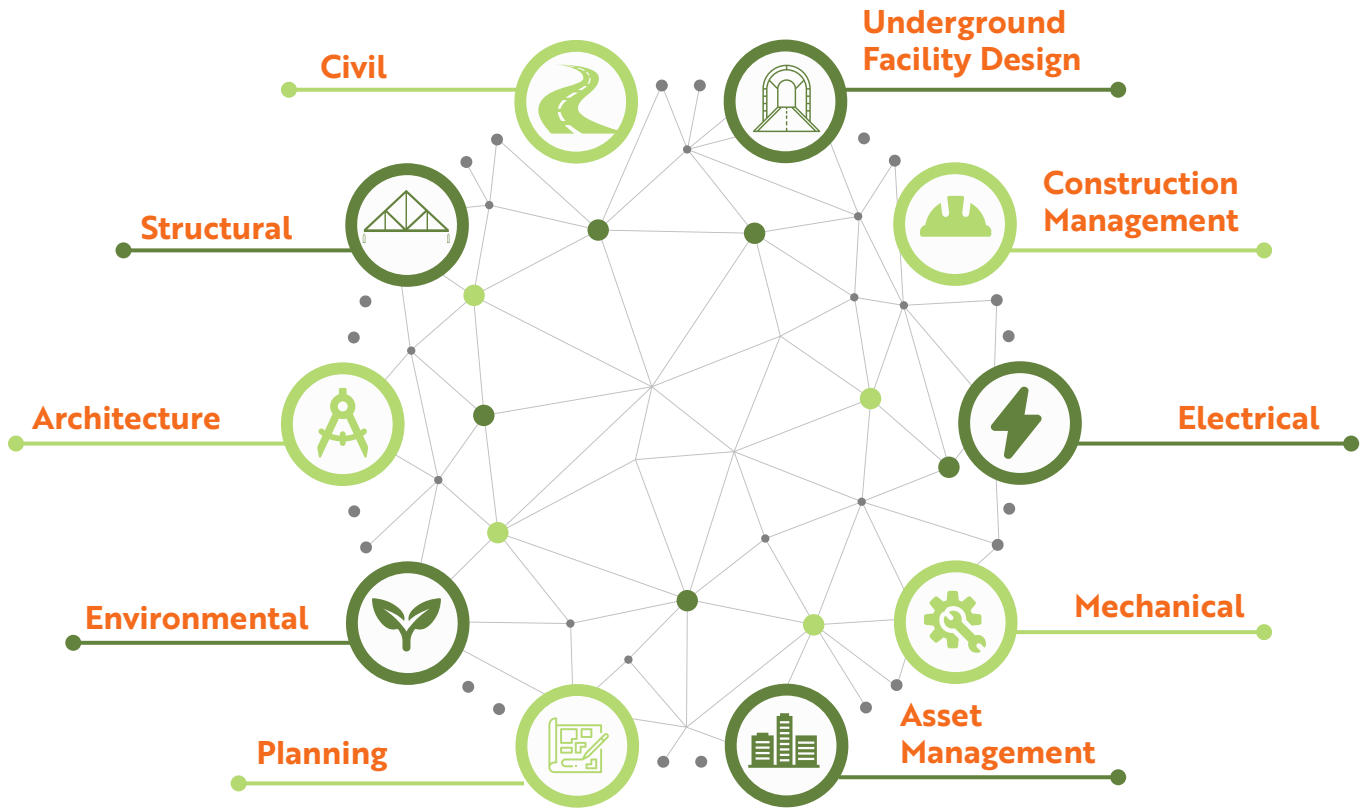
AN AKANA VEOLIA JOINT VENTURE

SBA Mentor-Protégé Agreement

DOE Choice for Infrastructure
Modernization, Planning, & Design



INFRASTRUCTURE MODERNIZATION, PLANNING, AND DESIGN



AVAE OVERVIEW

UEI: LEBGSGQPN426

SBA Mentor-Protégé



AKANA OVERVIEW

- Native American-owned
- Architecture, engineering, planning, environmental, and construction management

Extensive DOE A-E experience

- Two contracts with MSTs at the Nevada National Security Site
- \$12M+ in contracts
- 19 completed task orders

Current AE IDIQ contracts:

- U.S. Forest Service
- U.S. Fish and Wildlife Service
- Bureau of Indian Affairs
- Indian Health Service



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VEOLIA AND VNSFS OVERVIEW

Veolia

- 170-year-old, \$42 billion global enterprise
- One of the largest infrastructure, water processing, remediation and waste management companies
- #1 in ENR's Top 200 Environmental Firms for the past three years
- Veolia Nuclear Solutions is the global business sector of Veolia

VNS Federal Services, LLC

- The mitigated U.S. branch of Veolia Nuclear Solutions
- Waste management, deactivation/demolition and remediation, technology deployment, and engineering
- More than 20 years of experience at the US DOE sites.
- NQA-1-compliant and ISO 9001 certified quality assurance program that accommodates both nuclear and commercial activities
- Hanford, Portsmouth, Paducah, and Nevada DOE Nuclear Sites; as well as, the Oak Ridge, Idaho, Los Alamos, and Pacific Northwest National Laboratories.



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TEAM PROJECT EXPERIENCE

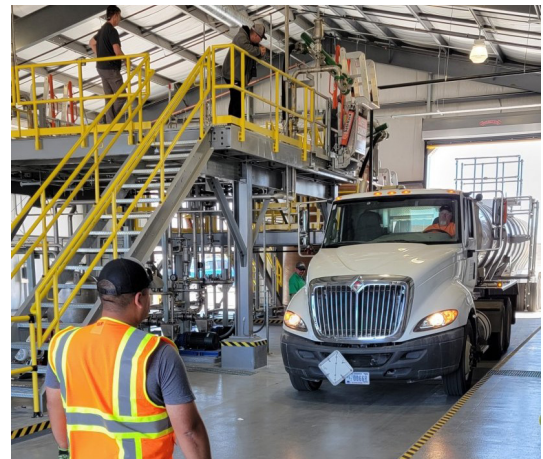
2709-S Office Building and Infrastructure Design for 222-S Laboratory Complex Hanford, WA, Washington Department of Ecology

VNSFS teamed with Akana to design a new building compliant to DOE's Guiding Principles for High Performance Sustainable Buildings (HPSB) with supporting infrastructure including a wastewater system. The new 2709-S building (17,600 sq ft) on a developed site (126,000 sq ft) replaced the 60-year-old 2704-S building (8,000 sq ft) and resolved surrounding area drainage issues. The team supported procurement, construction and commissioning.



Effluent Treatment Facility (ETF) Load-In Facility Expansion and Backup Station Hanford, WA, Washington Department of Ecology

Akana and VNSFS teamed to design the ETF Load-In Facility expansion and backup station. The ETF is part of the Liquid Waste Processing Facility, which processes liquid waste to remove chemical and radioactive contaminants. The load-in facility expansion doubled the capacity of the facility through interior modifications to foundation and piping systems and added the capability to fully enclose the trucks indoors. The design included the offloading system, adding road access to the backup station, widening existing roadways, enclosing a sump area.



Emergency Command Operations Building Design Confidential Client, Nevada

Akana and VNSFS led a multidisciplinary team in the development of a design for a new 14,000 square-foot, single-story building housing emergency command operations for a federal facility located in Nevada. The building consists of an emergency operations center, training rooms, offices, electrical/mechanical rooms, and a kitchen/break room.

The Akana/VNSFS team provided project management, and structural and civil engineering services as contract holder. Site services included grading, storm water collection, xeriscaping and the design of an antenna equipment yard. The design is representative of a LEED Gold building and required to meet Federal High Performance Sustainable Building (HPSB) standards.

