HukariAscendent

Committed Professionals Exceeding Expectations

ENGINEERING & PROFESSIONAL SUPPORT

HukariAscendent is a Service-Disabled, Veteran-Owned, Small Business with extensive experience throughout the Department of Energy (DOE) complex. We have been supplying technical consulting and engineering services since 1999, representing all facets of engineering and professional support. Our personnel have worked within the DOE Complex to provide **Hukari**Ascendent clients with exceptional value through innovative, cost effective solutions.

HukariAscendent has exceptional reach to fill client's specialized requirements for engineering and other professional talent. Our resume data base has in excess of11,000 resumes. Many have worked for **Hukari**Ascendent clients in the past, or have been vetted and recommended by our employees as exceptionally talented individuals. We take pride in our ability to rapidly access our data sources to effectively fill client needs with vetted, committed personnel for client review.
HukariAscendent's extensive professional and engineering support for government facilities includes:

Discipline Engineering

- Mechanical Engineering
- Electrical Engineering
- Civil/Structural Engineering
- I&C Engineering
- Reliability Engineering
- Fire Protection Engineering
- Radiological Engineering
- Chemical Engineering
- Reliability Engineering
- Systems Engineering
- Fire Protection Engineering

Professional and Cross-Discipline support:

- Project Management
- Project Engineering
- Reliability Engineering
- Waste Engineering
- Configuration Management
- Maintenance Engineering
- Construction Engineering
- Maintenance Engineering
- Facility Condition Assessments
- Project Controls
- Glovebox Engineering
- D&D Engineering
- Systems Engineering
- Field Engineering

Project Performance and Customer Satisfaction

At **Hukari**Ascendent we recognize that it is not only our reputation that is on the line, but that of our clients as well. Our corporate mission is to provide only the highest quality service and long-term value to our customers through well-defined, proven methodologies and experienced, dedicated, and innovative staff. Our mission success is affirmed by the satisfaction expressed by our customers (sites and companies).

Engineering Support – Los Alamos National Laboratory – Provided Mechanical, Electrical, I&C, Civil/Structural, Chemical/Process, Nuclear, HVAC and Fire Protection Engineering support to various facilities at Los Alamos. Provided programmatic engineering support for site-wide Hanford programs such as D&D Manual development and implementation, site-wide system engineering, operating system support, system modifications, and O&M support. Facilities included: Central Computing; Building, 231, 351, 257, and 375. MTS, LANSCE, CMR, CCR, RANT, RIUOB, RLUOB, TA-21, TA-54, TS-55, NES Packaging and Transportation, Neutron Science Center and Waste Processing Facilities. Performed Condition Assessment Surveys (CAS) for virtually all lab facilities over a 5 year period.

Engineering Support – Hanford Site – Provided engineering support to various organizations, including Fire Protection Engineering, Radiological Safety, Hazards Analysis, Erosion/Corrosion Evaluation, Nuclear Safety and Licensing, Waste Management and Industrial Safety and Health to support diverse projects including Pretreatment Facility, HLW facility design, Low Activity Waste Facility Design, Plateau Remediation, the River Corridor Closure Project, the Hanford Unirradiated Fuel Package transport container, Analytical Laboratory, and the sitewide NDA program. Supported D&D of various facilities including the PFP. Participated in review of Pump Jet Mixers leading to the development of the sitewide Large Scale Integrated Testing (LSIT) program. Provided diverse support to CHPRC including on site engineering addressing tank chemical vapor release.

Engineering Support – Pantex Plant – Providing engineering support for nuclear explosive bays, cells, special purpose facilities, staging facilities, transportation activities, and weapons programs. Provide sitewide support for configuration management, change control, and integrated work control. Performed seismic and wind loading calculations on facility structures.

Engineering – Savannah River Site – Provided engineering support for design of MFFF, K Area Material Storage, Solid Waste Management and tritium facilities. Provided professional, technical and administrative support for design/build of the MOX Fuel Fabrication Facility. Established glovebox standard for containment and ventilation systems, designed fire protection system and established combustible loading requirements. Established process equipment and furnace specifications, and designed vacuum cleaner used to clean contaminated gloveboxes. Supported commercial grade dedication program.

Engineering Support – Argonne National Laboratory – Provided engineering support to the Nuclear Operations Division. Activities included general engineering, Fire Protection, Criticality Safety, and work control. Facilities included 205K Wing, 306, 100 MA/MB and the Alpha/Gamma Hot Cell (AGHCF). Extensively involved and provided Operations Manager for D&D of the 205-K Wing to Hazard Category 3. Additionally, provided support for development and implementation of Conduct of Engineering and Conduct of Maintenance for NOD.

Engineering Support – Lawrence Berkeley National Laboratory – Proved engineering support for demolition sequence planning including asbestos removal, high level lead contamination, depleted uranium shielding and activated concrete and building structure components.

Engineering Support – Idaho Site – Provided over 100 technical personnel under a series of staff augmentation and technical support contracts. Provided engineering support for D&D of 5 experimental reactors including the MTR and EBR. Managed hoisting and rigging for removal of 2-135 ton reactor vessels. Supported four facility Start Ups for extraction of target wastes from the RWMC complex. Performed multiple Criticality Safety activities including for receipt and dry storage of research reactor fuel; transfer of fuel from wet to dry storage, for all ICP SWF storage facilities, and the Advanced Mixed Waste Treatment Facility. Designed Criticality Detector System for D&D of the Chemical Processing System at INTEC.

Engineering Support – Nevada Nuclear Safety Site – Provided professional and technical support to the NNSS, including: assessments of site electrical safety; QA support to the U1a facility, and HC-3 to HC-2 transition and technical support to Operations and Maintenance.