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Mission Support Alliance: Supporting DOE, Hanford cleanup contractors

Mission Support Alliance, LLC, comprising Lockheed Martin, Jacobs and WSI, provides site services and maintains critical infrastructure in support of the Department of Energy (DOE) and Hanford cleanup contractors. A key component of the cleanup mission is safely maintaining roads, water systems, power, and business and safety systems while offering the best in site security, emergency response and environmental stewardship.

This past year was the most productive year for MSA since we began our Mission Services Contract. Much of that progress is because MSA and its employees focused on supporting Hanford's core mission and protecting our nation's most critical assets. Our strong partnerships across the site make it possible for MSA to accomplish great things that protect the welfare of our workforce, the government and taxpayer investments.

Since 2009, we've saved DOE and cleanup contractors \$161 million by implementing an innovative and cost efficient service delivery model. We've made the Hanford Site safer by implementing 15 sitewide safety standards that helped MSA reduce its own recordable injuries by 55 percent. Last year, we also received three DOE Voluntary Protection Program Stars of Excellence for our Mission Services, HAMMER Federal Training Facility, and Safeguards and Security organizations.

In the past four years, Hanford contractors have made significant progress focusing on the Central Plateau and River Protection Projects that include the 200 Area Tanks Farms and Waste Treatment Plant. MSA's Infrastructure and Services Alignment Plan (ISAP) reflects the changing landscape by defining infrastructure and system attributes and end states needed for achieving the cleanup mission. The ISAP works in connection with baseline operations and maintenance of the site's infrastructure to assure that reliable, on time and cost effective services are provided at the required capacities for Hanford stakeholders.

This past year, MSA implemented a five-year maintenance plan deploying a municipal planning approach. We modernized and upgraded the 200 Area's raw water system and supported contractor CH2M HILL Plateau Remediation Company (CHPRC) with its plans for eliminating the 400 Area sewage discharge to Energy Northwest. We cleaned, inspected and repaired two 1.1 million gallon above-ground steel tanks that store potable water. Moreover, we've made multiple repairs to aging water and power lines that have caused cleanup work to be stopped until repairs could be made.

Hanford's 60-year-old infrastructure needs to last another 60 years. As we move forward, MSA's challenge will be to modernize water lines/pipes and facilities, transform electrical power by providing system upgrades for capacity and reliability, right-size transportation by focusing resources on arterial and core roads that will serve the Central Plateau and integrate IT infrastructure for more accessibility and mobilization of work on the site. It is imperative this critical work is performed timely to ensure that Hanford has reliable systems that support future cleanup work.

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MSA's Long-Term Stewardship program assists DOE with the process of freeing up land for future use and provides the stewardship and surveillance of that land until it is legally ready for release from the cleanup program. There have been 87,000 acres transitioned to long-term stewardship to date.

As Hanford's city manager, MSA is responsible for maintaining 1,200 vehicles, 1,500 heavy duty vehicles, 25 mobile cranes and 630 fuel-efficient vehicles. We process over 170,000 sitewide paychecks a year, manage over 6.5 million electronic records, and oversee more than 500 miles of secure wireless transmission.

We've streamlined recycling processes for cleanup contractors and added the Waste Treatment Plant as a new recycling customer in 2013. To date, MSA has recycled over 34 metric tons of cardboard and 20 metric tons of plastic and aluminum at Hanford, and completed 52 energy audits of Hanford facilities.

MSA is a major supporter of small business in the Tri-Cities, having entered into over \$430 million in small business subcontracts to date. Our employees also give thousands of hours of their time and money to charities and community projects like The Reach, March of Dimes, Junior Achievement, United Way and local economic development entities such as Tri-City Development Council, Tri-Cities Visitor and Convention Bureau and the Tri-City Regional Chamber of Commerce.

MSA will continue its strong partnerships with DOE and cleanup contractors so we can keep finding new ways to positively influence the mission, save money, and support DOE as they move the mission forward.

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