

THE MANAGEMENT SERVICES CENTER IS RESPONSIBLE FOR SEVERAL OF THE PROFESSIONAL SERVICE MULTIPLE AWARD SCHEDULE CONTRACTS. IN THIS DOCUMENT, WE HAVE HIGHLIGHTED VARIOUS WAYS THAT OUR SCHEDULE CONTRACTORS ARE “GREENING” THE SERVICES THEY PROVIDE AND OPERATING IN A SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY WAY. WE WELCOME ANY EXAMPLES THAT WE COULD SHARE AS SUCCESS STORIES AND BEST PRACTICES. OUR HOPE IS THAT BY HIGHLIGHTING POSITIVE ACHIEVEMENTS WE CAN TRIGGER NEW IDEAS AND CONTINUE TO EXPAND THE OPPORTUNITIES TO REDUCE OUR CARBON FOOTPRINT ACROSS THE GOVERNMENT.

Language Services Schedule - 738 II

What green services are offered under Language?

Services offered under Language include translation and interpretation services. The huge advancements in technology have greatly decreased the use of paper in the process. For example, **American High-Tech Transcription and Reporting, Inc. (GS-10F-0163V)** provides agencies with a secure FTP site for them to upload the digital files that need to be translated so that shipping hard copies of audio and video tapes, CDs, and DVDs is not needed. Contractors like **Certified Languages International LLC (GS-10F-0238W)** and **Language Services Associates (GS-10F-0253K)** help save gas and emissions by providing telephone interpretation and video remote interpretation, respectively, so that no travel is necessary for either group. This is also more convenient because these kinds of interpretation are available 24/7. **Glyph Language Services Inc. (GS-10F-0053P)** has even developed mobile applications as part of its services.

How are Language contractors operating green?

Besides offering services that are environmentally friendly, contractors also can be green in the way that they conduct business every day. The three primary ways to identify such green characteristics are to look at the types of certifications obtained by the contractors, the features of the company buildings, and the ways that the employees interact with each other and give back to the environment.

Environmental Protection Agency recognizes buildings, facilities, and products that use significantly less energy than the standard norm. Other certifications include the CarbonNeutral accreditation received by **Park Translations LLC (GS-10F-0232W)** in January 2010. This particular certification signifies a net zero carbon footprint by the contractor.

Given that two of the three most common certifications have to do with buildings, the facility in which the contractors on schedule operate under in is a huge representation of their green status. For example, **Science Applications International Corporation (GS-10F-0308U)** recently put in place a small office policy which combined smaller locations into a bigger office that is much more efficient.

Overall, however, the ways that contractors act the most green can be best demonstrated by what it provides for its employees and how these same employees act towards each other and the environment. As an example, **Science Applications International Corporation (GS-10F-0308U)** organizes events such as the Green and Secure Event where employees recycled over 20,000 pounds of old electronics equipment and sensitive personal documents in just the span of two days. These employees also get together to form an Army of Green to go on two week volunteer composting and sustainability education campaigns.

LOGWORLD Schedule – 874 V

What green services are offered under Logworld?

Services offered under Logworld include all phases of planning, acquisition, and management of logistics systems. Therefore lean consulting and processes in manufacturing, distribution, and supply chains are the greenest services in Logworld. Lean is green because it reduces both inventory and equipment, which decreases the amount of resources used and contributes to making the environment more sustainable. Contractors such as **Lean Quest (GS-10F-0178W)** and **Operations Concepts, Inc. (GS-10F-0286N)** specialize in lean concepts and can help agencies implement these methods. Training services can also teach agencies about the benefits of a lean supply chain and how to set one up.

Within these phases of planning, acquisition, and management of logistics systems, the packaging of items is a key component and another area where the service offered is green. For example, the contractor **Acumen Engineering/Analysis (GS-10F-0087V)** does work in developing packaging systems for transporting unique or specialized items. As a result, Acumen can personalize the packaging for each item and thus optimize the mechanical and thermal requirements. Recycled content can also be used. All of this eliminates the need for any excessive materials or resources being used and reduces the impact on the environment.

Another service offered under Logworld is the distribution and transportation logistic service which is the planning and designing, implementing, or operating the movement of supplies, equipment, or people. Green here would be using green vehicles to perform these movements. The contractor **CTR Investments & Consulting, Inc. (GS-10F-0471R)**, however, also provides an interesting twist under this category. Its service is green because it delivers commuter benefit programs to agencies and employees, which reduces the amount of cars and exhaust on the roads keeping the air and the environment cleaner.

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Given that two of the three most common certifications have to do with buildings, the facility in which the contractors on schedule operate under in is a huge representation of their green status. For example, **Bae Systems Technology & Services, Inc.'s (GS-10F-0414M)** building in San Diego, CA is LEED Gold certified with 10 percent of the building materials coming from recycled sources. It uses 50 percent less water and 25 percent less power for lighting than required by California law. Going a step above the rest, **Accent Controls, Inc. (GS-10F-0175P)** recently teamed with U-ParkIt NA and built an automated mechanical parking system. According to the Environmental Protection Agency, a 500 car facility using this kind of technology can save more than 6,000 gallons of gas per year because it eliminates the need for cars to circle around the lot to look and wait for open spots.

Overall, however, the ways that contractors act the most green can be best demonstrated by what it provides for its employees and how these same employees act towards each other and the environment. As an example, **Booz Allen & Hamilton, Inc. (GS-10F-0330L)** offers a free shuttle service to its employees that moves an average of 9,000 riders monthly which significantly lowers the number of single occupancy vehicles on the road. **Crowley Logistics, Inc. (GS-10F-0297W)** and **Lockheed Martin Services, Inc. (GS-10F-0324L)** provide environmental protection education and training for its employees. Contractors in Logworld also set up events and teams within the office so that everyone can be green together. Most often, accountability for this kind of environmental performance lies with the chief executive officer and the other higher-ups. **MACTEC Federal Programs, Inc. (GS-10F-0217U)** has Green Ambassadors in each of its 70 office locations and over 90 percent of these offices are engaged in recycling campaigns. **Northrop Grumman Space & Mission Systems Corp. (GS-10F-0162L)** has its own Environmental, Health & Safety organization and greenNG Employee Resource Groups. At **Raytheon Company (GS-10F-0229L)**, over 30,000 of the 75,000 employees are qualified as Energy Citizens, and at **Systems Research & Applications Corporation (GS-10F-0557P)**, over 92 percent of the office equipment in its Arlington, VA facility is Energy Star qualified. Besides just green activities in house, the contractors on schedule also do a lot to help make the environmental community better. **ICF Consulting Services, LLC (GS-10F-0578N)** publishes writings about climate change and the environment, and **Jacobs Technology, Inc. (GS-10F-0415M)** puts out annual sustainability reports to raise awareness. **Battelle Memorial Institute (GS-10F-0333P)** donates at least 20 percent of its total revenue each year to worthwhile causes, including to environmental organizations. **ITT Corporation (GS-10F-0315M)** brings safe water, sanitation, and hygiene education to schools in third world countries through its ITT Watermark program.

ENVIRONMENTAL SERVICES SCHEDULE – 899

What green services are offered under Environmental?

The Environmental Services Schedule is the priority source for industry experts providing support to federal agencies. Services under this schedule are designed to support agencies in meeting their requirements in a faster, more cost effective means. A wide variety of services and tasks can be ordered from industry experts who are qualified to offer support for:

- Strengthening Federal Environmental Management goals in electronics stewardship
- Environmental Management Systems
- Pollution Prevention, Clean-Up and Restoration
- Hazmat
- Training Awareness

The following illustrates examples and success stories from the Environmental Services Schedule 899.

W2 Energy partnered with Toxco (**GS-10F-0045N**) to turn old batteries into energy by creating electricity and liquid fuel. Toxco Inc offers Federal Agencies certified recycling for all lithium, alkaline, lead, mercury, nickel- cadmium, nickel metal-hydride, magnesium, silver, zinc, and lead batteries. Toxco is fully permitted, licensed and insured in strict compliance with the environmental regulatory bodies of the various jurisdictions in which our facilities operate.

AMEC Geomatrix (**GS-10F-0011P**) is an accredited ARB Verification Body (ARB Executive Order Number H-09-232), holding the accreditation required by ARB to provide third party verification service for GHG emission reports submitted by regulated facilities under the California Mandatory Reporting Rule. They offer accredited general verifiers and verifiers accredited for the refinery, cement and electricity sector specialties.

AMEC Geomatrix is positioned to help with every aspect of the evolving GHG regulatory scene, and have extensive experience in helping developers understand the GHG implications of alternative choices in site design, materials selections, energy sources, transportation system options, and more.

In addition to offering the best end of life solution in the electronics recycling industry, Creative Recycling Systems (**GS-10F-0186S**) maintains a team of expert technicians that maximize the value recovered from the IT assets we procure. The first step in their process is to test equipment

to determine if it can be reused. If so, they make sure that any data containing components are sanitized and all information is removed. They also receive certification that their equipment has been properly recycled and their data has been destroyed.

Creative Recycling Systems has developed systems to recover the valuable resources in electronics and recycle them into new products. Electronics contain gold, silver, copper and other precious metals that are in finite supply, along with plastic, glass and other metals. They conserve limited natural resources by using the latest technology to extract these materials from the end-of-life electronics that we process.

The company has led the industry by incorporating innovative methods into the processing of obsolete electronics. It has invested in cutting-edge equipment to shred, sort and separate equipment into its original components which are further refined and recycled into new products. Their goal is zero waste. Of the thousands of tons of equipment that enter their facilities, less than 1% actually enters the waste stream. And of that 1%, all of it is 100% contaminant free.

Kennedy/Jenks (**GS-10F-0056V**) commits to executive support, firmwide education and participation, and integration of steps toward sustainability in all of their projects.

New automobile purchasing guidelines set minimum mileage rating standards for new car purchases. A firm-wide purchasing agreement is being negotiated to switch the entire company to recycled office paper. They evaluate paper, electricity, and gasoline use to identify ways to minimize waste. They evaluate opportunities to increase recycling of wastes. A committee of the Board of Directors is exploring options for socially responsible investment funds to include as options in the employee benefit package. Kennedy/Jenks Corporate Headquarters have been officially recognized as a San Francisco Certified Green Business by the City of San Francisco and other offices are seeking opportunities for similar certifications in their communities.

Turtle Wings (**GS-10F-0134V**) is an ISO 14001 certified company. Turtle Wings has a **no e-waste landfill initiative** and is determined to recycle all parts of the electronic equipment received. Their recycling and dismantling facilities are all in the U.S. and comply with all applicable, local, state and federal regulations. When items come into their recycling facility, they immediately go through an inspection process. If the items are thought to have value and resale potential, they are then sent to our staging and testing area of the recycling facility. If not they are sent to the dismantle line for disassembly.

The next steps for the units that are deemed not for sale or non-working are to be manually dismantled for parts. When the items are dismantled, they are segregated into various Gaylord boxes where like materials are kept together. These raw materials could consist of items such as steel, copper, aluminum, glass, plastic, circuit boards, memory chips and power supplies. These raw materials are then sent to thoroughlyvetted re-processors who use them in other

manufacturing processes. Monitors are sent domestically for glass-to-glass recycling. Turtle Wings requires that raw materials recovered be used in the most environmentally friendly way in keeping with their mission of being **globally responsible**.

February 2011

Agency: United States Air Force

W & M Environmental Group, Inc. (www.wh-m.com)

Lori Siegelman of W & M is working alongside the 355th Medical Group (355 MDG) flight personnel at the Davis-Monthan Air Force Base in Tucson, AZ conducting detailed engineering assessments at Air Combat Command (ACC) and Air Force Material Command (AFMC) base facilities. She is collecting industrial hygiene data on chemical exposures, noise, ventilation, air quality and thermal stress to assess the degree of hazard and determine controls and recommended practices for the base personnel. Dates of the task order is from December 3, 2010-March 31, 2011. POC at agency is Amn Macy Benjamin, 355th Contracting Squadron, 520 228-3873.

Agency: USDA Natural Resource Conservation Service

Blue Mountain Environmental Consulting, LLC.

Blue Mountain Environmental was contracted by the NRCS to conduct watershed assessment in the fall of 09. The intent of the effort was to gather resource information about the physical structure and biological function of five rivers, to prioritize treatment areas and develop management recommendations. Sixty five miles of waterways were assessed. Project findings identified waterways that were in proper functioning condition and prioritized the treatment of areas that were rated functional at risk or nonfunctional. Recommendations were made and baseline conditions were established in a georeferenced database to support future management activities. This project involved collaboration with NRCS, BLM, NPS, USGS and private landowners. The project was completed nearly one year ahead of schedule. Dates of the task order was from August 2009-May 2010. POC at agency is Shane Green, USDA NRCS, 801 524-4567.

Agency: United States Forest Service

Marc Enviro Services, Inc. (MES Inc.)

They currently have two contracts with Region 9 of the U.S. Forest Service for 1.5 million dollars covering region-wide Environmental Compliance. The work required approximately 600 days of field data gathering services to be expended in a short 3-month period.. Consulting included developing a hazardous materials and waste training program, identifying hazardous materials at well over 100 sites throughout the northeast and Midwest sections of the US, identifying and developing bid documents of hazardous waste and dumps; bidding and contractor oversight of wastes, development of risk management plans, development of spill plans, and other environmental data gathering activities to ensure regulatory and health related impacts relative to air, water, and soil media. It benefited the US Forest Services that MES Inc. managed the entire bidding and site management to clean up over 75 sites. MES Inc. performed the bidding, contract management, payment to subcontractors, and subcontractor oversight. This eliminated the Forest Service from having to manage the smaller 75 contracts and the Forest

Service then could free up staff and get a larger amount of work accomplished. Dates of task order is from December 09-present. POC at agency is Donna Kim, 414 297-3613.

MOBIS Schedule - 874

QTechnology (**GS-00F-0007R**) designed a three-page survey that could be completed in 20-minutes and provide detailed results that identify and prioritize the primary environmental sustainability problems experienced by Army Range Officers who manage approximately ten million acres of land. The implementation of this survey resulted in an 85 percent VOLUNTARY response across the three largest land-owning Major Commands an unheard of response rate from military personnel that are notoriously overworked. QTech industrial specialists created a similar survey instrument for Army shop managers. The range sustainability issues questionnaire was distributed at the World-Wide Range Management Symposium and subsequently sent to range managers via email. Questionnaire responses were sent by facsimile, email and regular mail.

Jones Lang LaSalle (**GS-10F-0109L**) provides advisory services focus on practical solutions that support the management, organizational and business improvement efforts of government agencies. We provide management and real estate strategy consulting; portfolio and asset management services across all real estate asset classes; special studies, analyses and reports that document proposed strategies; solutions and implementation plans related to an agency's real property assets; policy and regulation development assistance; **operations and management, including energy and sustainability services**; and other advisory and assistance services in accordance with this contracting vehicle. Jones Lang LaSalle recently issued a Sustainability Report that Discusses Cancun Climate Summit, Greenprint Foundation Carbon Index, Renewables and Real Estate

(see: <http://www.joneslanglasalle.com/Pages/NewsItem.aspx?ItemID=20536>)

HR&A Advisors, Inc (**GS-10F-0216T**) served as the lead consultant that developed a reuse strategy for Letterkenny Army Depot in Chambersburg, Pennsylvania. Once the largest employer in the county, the base was realigned and the Department of Defense announced 1,500 acres available for private development. Working with the Franklin County Reuse Committee (FCRC), the HR&A team conducted real estate, market, and **environmental analyses**. HR&A led the lease negotiations with the Army and assisted the FCRC in the application for an economic development conveyance.

PAI Consultants (**GS-10F-0116L**) promotes responsible environmental practices to reduce their carbon footprint and help their employees be green. They have put in practice the following energy initiatives:

- Using 100% recycled or biodegradable paper products
- Reducing duplication of copies
- Emailing client proposals, presentations, reports, and invoices when possible
- Providing clients with electronic drafts and deliverables
- Office recycling of paper and cardboard
- Offering telecommuting options for employees