

<b>Contract Title:</b> District of Columbia Water and Sewer Authority (DC Water) Information Technology Services	
<b>Contract Number:</b> WAS-07-047-AO-RE; WAS-10-074-AD-MB; WAS-14-PR-DIT-10	<b>Contract Type:</b> LH
<b>Performance Period:</b> 01/08 – 01/18	
<b>Contract POCs:</b>	
<b>Contracting Officer:</b> Maxine Buchanan, Sr. Contracts Specialist DC Water and Sewer Authority 5000 Overlook Ave, SW, Third Floor Washington, DC 20032 202-787-2651 Maxine.Buchanan@dcwater.com	<b>Contracting Officer Representative:</b>
<b>Description of Relevant Work</b>	
<p><b>Summary/Overview</b> FSA Technology, LLC (FSATech), a wholly-owned Native American tribal company, provides industry certified professionals specializing in project management, information technology (IT), information management, and quality assurance. FSATech is a subsidiary of Fort Sill Apache Industries (FSAI), LLC, who recently acquired Tessada &amp; Associates, Inc. (TAI). This acquisition included novation of TAI's twenty-plus years of Government contracting experience, including: program management, administrative support, financial management, procurement, and human resources management for the NSSC. This experience augments FSATech's core capabilities and past performance qualifications. FSATech is a subcontractor to Computer Science Corporation, (CSC) on the NSSC contract.</p> <p>FSAI is responsible for providing the core of the GIS support for DC Water, providing program management of their GIS implementation. As such, FSAI was responsible for the implementation of the GIS component for the DC Water Asset Management project, which required an Enterprise GIS framework, the creation of a Web-based GIS viewer that was integrated into the Asset/Work Management System and the Engineering Records EDMS system, and project management and quality assurance of the Water Network Data Conversion effort. This work also involved the implementation of a hydrant inspection process for the Water Services Department field crews, based on handheld GPS data collection units, and the creation of a Mobile Fire Hydrant Inspection application for the DC Fire and Emergency Services (FEMS) that allows FEMS to perform bi-annual hydrant surveys, collecting information using handheld devices and reporting that information to DC WASA in near real time. This application was integrated in the Asset Management system in order to ensure timely repair actions were performed. FSAI was responsible for the project management, application design, application testing, training, and ongoing support of this project.</p>	

FSAI was issued a special project which required an upgrade to the DC Water website to allow accessibility and viewable content from a range of mobile devices—iPhone/iPod, Android, Palm, Blackberry, for example, using standards-based approaches to ensure the broadest user base. The existing website used a fixed-width format making it difficult to use on a mobile device. This work required page content areas to appear when a page was loaded without resizing or zooming; homepage decorative images could not interfere with the display of page information; mobile users must be able to switch to non-mobile version from any page; users must be able to interact with all form elements and page tasks; reading text-based page content could not require horizontal scrolling; and form elements were required to remain functional, allowing users to be able to enter data and have it processed properly upon form submittal.

FSAI is also providing the technical lead and project management for DC Water on the Impervious Area Billing project. The objective of this project is to implement a system that will allow WASA to determine the amount of impervious area on every land unit in the District of Columbia and charge a fee to help recover the \$2.2 Billion that the Long Term Control Plan for Sewer Overflow will cost the district. The complexity of this project lies in the fact that several GIS data sets must be integrated and cleaned before an accurate assessment of the impervious area can be made.