Graphical user interface, text, application

Description automatically generated

**Stealth Solutions, Inc.   
Response  
to   
United States Census Bureau**

**American Community Survey (ACS) – ACS Website Support**

**Sources Sought**

**May 12, 2023**

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| Submitted electronically to:  Jim Brooks ([james.n.brooks.jr@census.gov](mailto:james.n.brooks.jr@census.gov)) Nick Apperson ([nicholas.apperson@census.gov](mailto:nicholas.apperson@census.gov)) | Submitted by:  Rahul Sundrani, President 46191 Westlake Dr. #112 Sterling, VA 20164 Email: Rahul.sundrani@stealth-us.com |

# Stealth Solutions, Inc. Information

Stealth Solutions has provided Content Management System (CMS) development support at the GSA, NIH, DCMA, USAID, Department of Commerce, Navy Federal, and AARP, where we have supported more than 20 websites using Adobe AEM, Drupal and SharePoint with the OCIO, Economic Development Authority (EDA), Minority Business Development Authority (MBDA), and [National Telecommunications and Information Administration (](https://ntia.gov/)NTIA). As Team Stealth we introduce our valued subcontractor, Bravent Systems, following the table below.

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| Company Name and Address | Stealth Solutions, Inc. 46191 Westlake Dr. #112 Sterling, VA 20164 |
| CAGE Code | 8CSF6 |
| SAM UEI | RCMZNAHAZ7D9 |
| Company business size by NAICS code - Small Business Type(s) | Stealth is an SBA certified 8a, small-disadvantaged business with NAICS 541512 |
| Point of Contact for questions and/or clarification | Rahul Sundrani, President |
| Telephone Number, fax number, and email address - Web Page URL | Telephone: (571) 230-5642 Fax: N/A Email: rahul.sundrani@stealth-us.com Web Page: https://stealth-us.com |
| Teaming Partners (if applicable) | Bravent Systems |
| Provide any recommendations and/or concerns | Small business set aside is appropriate for the RFQ |
| Federal Supply Schedule or GWAC Number | 47QTCB21D0018, 47QTCA22D0053 |

Our contributing subcontractor - teammate, Bravent Systems, is a premiere Web Development and Support Services provider for enterprise-level implementations. Bravent’s core expertise is Drupal, open-source technology, Microsoft solutions, and DevSecOps.

# Stealth Capabilities

Stealth is pleased to provide our detailed responses to ACS’ inquiries in the section below.

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| **(1) Does your company have the capability of developing Website solutions and on-line data tools, as well as a high-level of experience with Movable Type Content Management System including site creation, template creation, custom fields etc.?** |
| Stealth’s extensive website solution developments and online tools include CMS with Movable Type which allows our users to create and manage their websites, blogs, and other digital content. We have incorporated Moveable Type on our Navy Federal project built on Adobe AEM.  Stealth incorporates the following Movable Type steps to create a website, templates, and custom fields:  **Install Movable Type:** Download and install Movable Type on your server or cloud hosting account.  **Configure site settings:** Once Movable Type is installed, we configure the site settings, such as the site name, URL, and time zone.  **Create templates:** We define the layout and design of your website. You can create templates for different types of pages, such as the homepage, blog posts, and archives. Movable Type supports several template languages, including HTML, CSS, and MTML.  **Customize templates with tags:** Movable Type uses tags to dynamically insert content into your templates. For example, you can use tags to display the title of a blog post, the date it was published, or the author's name.  **Add custom fields:** Movable Type allows us to create custom fields for your content, which can be used to capture additional data beyond the default fields.  **Manage content:** Once the templates and custom fields are set up, you can start creating and managing content using the Movable Type editor. You can create pages, blog posts, and other types of content, and add custom fields as needed.  **Publish your site:** When you are ready to publish your site, you can use Movable Type's built-in publishing system to generate static HTML pages from your templates and content. You can also use Movable Type plugins to enhance your site's functionality, such as adding social media sharing buttons or integrating with a third-party analytics service.  Overall, Movable Type provides a powerful set of tools for creating and managing websites and content and offers a high degree of flexibility for customization and integration with other services. |
| **(2) Does your company have the capability and advanced knowledge of Agile PM best practices, Software Development Lifecycle (SDLC), and software development skills including, but not limited to, UX Design, Responsive Design, Bootstrap Framework, JavaScript, JavaScript plugins: DataTables, HighCharts, Ajax (Asynchronous JavaScript), CSS (Cascading Style Sheets, HTML/HMTL5 and JQuery).** |
| Most of our projects and past performance in web development employ UX Design, Responsive Design, Bootstrap Framework, JavaScript, DataTables, HighCharts, Ajax, etc., and are executed using Agile methodology.  Ex**hibit 1** shows the combination of Agile/Scrum methodology, Development, Security, and Operations (DevSecOps) Team Stealth employs on all project executions. **Agile** improves the process of delivery; encouraging changes in the functions and practices to better produce the envisioned product by the end user, whereas **DevSecOps** improves the lead time and frequency of delivery outcomes through enhanced engineering practices; promoting a more cohesive collaboration between Development, Security, and Operations teams as they work towards continuous integration and delivery.  Exhibit 1. Team Stealth Supports Continuous Integration and Continuous Delivery (CICD) by Combining Agile and DevSecOps Practices  Graphical user interface, diagram  Description automatically generated with medium confidence  Team Stealth’s approach includes four main practices with a series of tools in each practice area: Agile Development, Continuous Integration, Continuous Testing, and Continuous Delivery. These four practices have Continuous Feedback (CF) and Continuous Service Improvements (CSI) with metrics so we can continue to improve and fine-tune to get the desired results for our customers. Our approach results in meeting today’s government’s need for faster, cost-effective, and more secure solutions.  For all our web applications development, we ensure that Responsive UX design is a key module focused on creating a user experience that is consistent across all devices and screen sizes. Some of the steps that we take to ensure all our applications are responsive include the following:   1. **Start with mobile-first design:** When designing a responsive user experience, it is important to prioritize mobile devices. This helps ensure the design is optimized for smaller screens and slower network speeds and can be scaled to larger devices. 2. **Use a grid system:** Using a grid system can help ensure the layout and content are consistent across all devices. This makes it easier to create a flexible and responsive design that adjusts to different screen sizes. 3. **Optimize images:** Images can be a major contributor to slow loading times, especially on mobile devices. Optimize images for smaller screens and consider using responsive images that can be resized based on screen size and resolution. 4. **Use scalable typography:** Typography should be scalable to ensure that text is legible on all devices. We consider using em or rem units for font sizes, as these can be adjusted based on the size of the parent element. 5. **Prioritize content:** Prioritize content based on user needs and behavior. We use progressive disclosure to present information in a way that is easy to digest on smaller screens. 6. **Test on multiple devices:** We always test the design on multiple devices and screen sizes to ensure that the user experience is consistent across all platforms. 7. **Continuous optimization:** Continuously monitor and optimize the design based on user feedback, analytics, and emerging trends in technology and user behavior.   By following the above steps, we ensure that all our applications are responsive in design.  For Cascading Style Sheets (CSS), Team Stealth follows the steps below to ensure that styling is consistent and seamless to use.   1. **Use a consistent naming convention:** Use a consistent naming convention for classes, IDs, and other selectors. This makes it easier to maintain and update the code over time. 2. **Use CSS preprocessors:** CSS preprocessors like Sass and Less can make writing CSS more efficient and organized. They allow for variables, mix-ins, and functions that can be reused throughout the codebase. 3. **Keep the code organized:** Organize the code in a logical and easy-to-understand way. Use comments to group related styles and sections of the code. 4. **Avoid using inline styles:** Avoid using inline styles as they can make the code difficult to maintain and update. 5. **Use shorthand properties:** We use shorthand properties to write more efficient and concise CSS. For example, instead of writing separate properties for margin-top, margin-right, margin-bottom, and margin-left, use the shorthand property margin. 6. **Optimize for performance:** Team Stealth optimizes CSS for performance by minimizing the use of unnecessary selectors, reducing the file size, and reducing the number of HTTP requests. 7. **Use a CSS reset or normalize:** We use a CSS reset or normalize to ensure that the website looks consistent across all browsers and devices.   We would be pleased to share specific examples of the above design and sheets that have been used for other specific Team Stealth projects. |
| **(3) Does your company have the capability of using the Census Application Programming Interface (API) or similar API containing statistical data for data product development, app development, and content integration? In addition, does your company have the knowledge and experience in developing webpages and tools for statistical data products produced for the Decennial Census or ACS, Federal or State Government Demographic, Economic, Social, or Housing surveys?** |
| Team Stealth has vast experience in using various Application Programming Interfaces (APIs) such as REST API and SOAP APIs for various applications. Team Stealth has used REST and SOAP APIs in enterprise-level integrations between two systems, transfer of financial transactions, mobile app development, etc.  We are the current maintainers and creators of data.gov, and digitaldashboard.gov and have developed data.commerce.gov. We have installed and configured “fed to data” from CSV and other formats to Comprehensive Knowledge Archive Network (CKAN) and are experienced in Catalog deployment, Data Harvesting, Metadata Schema and Metadata Validation, and Geothermal Data integration.  Team Stealth will use the Census API for a variety of purposes, including research, policymaking, business planning, and more. Some of the different ways that Team Stealth will use Census API are as follows:   1. **Demographic research:** Team Stealth will use the Census API which provides access to a wealth of demographic data, including population counts, age distribution, race and ethnicity, education levels, and more. All information will be available on our web page and researchers can use this data to study population trends and demographics and to develop insights into social and economic issues. 2. **Business planning:** Team Stealth will use the Census API for businesses to gather data about population and demographic trends in each area. This data can help businesses make informed decisions about marketing, location, and product development. 3. **Policymaking:** Team Stealth will use the Census API for policymakers to gather data about population trends and demographics in their districts or states. This data can inform policy decisions related to housing, education, transportation, and other issues.   In addition to the above uses, Team Stealth will ensure the ACS website has all the required information from the Census Bureau and is present in the visual form as required.  Team Stealth does have extensive experience in developing Statistical websites. Team Stealth was a part of USASpending.gov website development. The website was focused on providing a transparent account of all government spending by geographic location, industry, and sector. Additionally, for digitaldashboard.gov, we have integrated the application with hundreds of data sources through API calls and built several statistical and analytical tools around the data.  Developing webpages for statistical data products requires a combination of statistical knowledge, web development skills, and design expertise. Some of the steps followed by Stealth in building a website focused on Statistical data include the following:   1. **Determine the purpose of your statistical data product:** Before we start designing the website, we will need to determine the purpose of your statistical data product. Are we presenting data for educational purposes or to inform decision-making? Knowing the purpose will help us design a web page that meets the needs of our audience. 2. **Select the right data visualization tools:** Once we know the purpose of your statistical data product, we will need to choose the right data visualization tools. There are several tools available, such as charts, graphs, and maps, that can help us present statistical data effectively. 3. **Choose a suitable layout:** Team Stealth ensures the layout of our websites are easy to navigate and visually appealing. We choose from various layouts, including grid-based, column-based, or block-based designs. We also make sure the layout is flexible enough to accommodate different screen sizes and devices. 4. **Design an intuitive user interface:** Our websites have an intuitive user interface that allows users to access and interact with your statistical data product easily. We use clear and concise labels, buttons, and menus to help users navigate your webpage. 5. **Ensure accessibility:** Our websites are 508-compliant and accessible to everyone, including people with disabilities. We use appropriate alt text for images, ensure that your website is keyboard accessible, and uses high-contrast colors to make our content easy to read. 6. **Optimize for performance:** Our web pages load quickly and are optimized for performance. We use compressed images, minimize HTTP requests, and reduce the file size of your web pages to ensure they load quickly. 7. **Test and iterate:** Finally, we test our websites to ensure that it works correctly and is accessible. We solicit feedback from users and use that feedback to iterate and improve our design as needed. |
| **(4) Does your company have the capability of, compiling, and using the results of Adobe Analytics (AA) and experience using the Adobe Content Management System (CMS) to update webpages?** |
| Yes, Team Stealth uses Adobe Analytics (AA) to provide real-time insights and enable agencies to track website traffic, understand user behavior, and optimize website content and design for better user experiences. We leverage AA to capture data from various sources and analyze and integrate with other systems to provide end-to-end web analytics requirements.  Team Stealth follows the approach in **Exhibit 2** below for AA analytics and applying improvements to the websites.  Exhibit . Team Stealth’s stepped approach for Adobe CMS website project implementations  adobe tag manager  Team Stealth has supported Navy Federal for almost 5 years and used AA extensively with [www.navyfederal.org](http://www.navyfederal.org) for improving the end-user experience and meeting customer goals. In addition to tracking site visits, we have used Adobe Launch for tag management, rule builder, modular container tag, and enterprise publishing.  In summary, Adobe Analytics and Adobe CMS are powerful tools that help improve website performance, user experience, and content management. To use these tools effectively, at Stealth we apply the best practices developed over many years of experience at the Navy Federal, AARP, and the World Bank. |
| **(5) Does your company have the capability to building deep links for Websites using data dissemination systems and statistical tools? (For example, at Census the ACS website needs to deep link to our enterprise data dissemination tool data.census.gov.)** |
| Yes, Team Stealth has developed Deep Links or hyperlinks that point to a specific page or content within a website, rather than just the website’s homepage. Deep links are useful because they allow users to quickly access the specific content they are interested in, without having to navigate through the website’s hierarchy of pages. They can also be used for search engine optimization (SEO), as search engines can index deep links and rank them in search results, potentially increasing visibility, and traffic to the website.  We have implemented deep linking on Adobe CMS for Navy Federal ([www.navyfederal.org/](http://www.navyfederal.org/)) using URL mapping and selectors. Additionally, we have created deep links on many government websites on Drupal CMS using the Drupal Deeplink module. Below are examples of such sites:   * [www.ntia.gov](http://www.ntia.gov); and * [www.commerce.gov](http://www.commerce.gov). |
| **(6) Does company have the capability of hands-on development of complex logic to support MySQL databases and writing and maintaining a Graphical User Interface (GUI) interface used within a public website?** |
| Team Stealth has deep expertise in developing and supporting Drupal sites including configuration of core modules and development of custom modules, taxonomy, blocks, views, and content migration. Drupal sites primarily use MySQL as their database. Most of our projects require building dynamic websites with complex business logic where data is retrieved and stored back in MySQL. A couple of Team Stealth examples of using MySQL interfaced with public sites built by our team are as follows:   * [Small Business Size Standards (sba.gov)](https://www.sba.gov/size-standards/index.html); and * [Get local assistance (sba.gov)](https://www.sba.gov/local-assistance).   **Exhibit 3** below depicts a common Drupal CMS architecture with MySQL as a database used on many of our projects.  Exhibit . Standard Drupal CMS with MySQL DB architecture  The Drupal architecture, files, data, and interactions | Download  Scientific Diagram  Team Stealth’s approach integrates development and operations into a single-minded entity with common goals: reliable high-quality software, increased all-around Security posture, increased collaboration, faster and more efficient releases, and improved customer satisfaction. |