

# Project Scope

## Deliverables

The deliverables for this effort are as follows:

1. A vendor profile, as described in Attachment A of the RFI. The bid team will be assigned to complete this.
2. An open source code base, residing in GitHub, that fulfills the requirements detailed in the "Prototype Requirements" section below.
3. A summary, no greater than 1000 words, of our technical approach to creating the code base.
4. In addition to the summary, we need to provide documentary evidence that we followed the "US Digital Playbook" and the documentation evidence detailed in the "Documentation Requirements" section below.

## Prototype Requirements

From the RFI:

"The working prototype will be an application that will allow parents of foster kids to establish and manage their profile, and view children's residential facilities in their zip code, and communicate with the case worker via a private inbox. The working prototype will access open data through the HHS API to retrieve data about foster family agency locations that are nearby. The working prototype does not need to implement any authentication or authorization against an external directory or authentication mechanism."

## Documentation Requirements

From the RFI:

Write a brief description, no greater than 1000 words, of the approach used to create the working prototype and place this description in the [REA DME.md](#) file located in the root directory of your repository. [Leonid Marushevskiy](#) [Jonathan Parker](#)

In addition to the description, above, the Vendor must demonstrate that they followed the U.S. Digital Services Playbook <https://playbook.cio.gov/> by providing evidence in the repository.

The [README.md](#) file should also make reference to the following:

- ☐ a. Assigned one leader and gave that person authority and responsibility and held that person accountable for the quality of the prototype submitted. [Margreta Silverstone](#)
- ☐ b. Assembled a multidisciplinary and collaborative team that includes, at a minimum, five of the labor categories as identified in Attachment C - ADPQ Vendor Pool Labor Category Descriptions [Vasu Srinivasan](#)
- ☐ c. Understood what people needed (see Note #1), by including people in the prototype development and design process - [Pavel Khozhainov](#), [Daria Iarmurati](#), People were Shelly & Kacie & Others
- ☐ d. Used at least three "human-centered design" techniques or tools - [Pavel Khozhainov](#), [Daria Iarmurati](#)
- ☐ e. Created or used a design style guide and/or a pattern library - [Daria Iarmurati](#)
- ☐ f. Performed usability tests with people - [Pavel Khozhainov](#), [Daria Iarmurati](#)
- ☐ g. Used an iterative approach, where feedback informed subsequent work or versions of the prototype - [Leonid Marushevskiy](#)
- ☐ h. Created a prototype that works on multiple devices, and presents a responsive design - [Leonid Marushevskiy](#), [Daria Iarmurati](#)
- ☐ i. Used at least five modern (see Note #2) and open-source technologies, regardless of architectural layer (frontend, backend, etc.) - [Leonid Marushevskiy](#)
- ☐ j. Deployed the prototype on an Infrastructure as a Service (IaaS) or Platform as a Service (PaaS) provider, and indicated which provider they used. - [Dmytro Balym](#), [Grant Walker](#), [Grant Walker](#); [Shane Evans](#)
- ☐ k. Developed automated unit tests for their code - [Leonid Marushevskiy](#)
- ☐ l. Setup or used a continuous integration system to automate the running of tests and continuously deployed their code to their IaaS or PaaS provider. - [Dmytro Balym](#), [Grant Walker](#); [Shane Evans](#)
- ☐ m. Setup or used configuration management - [Dmytro Balym](#)
- ☐ n. Setup or used continuous monitoring - [Dmytro Balym](#)
- ☐ o. Deployed their software in a container (i.e., utilized operating-system-level virtualization) - [Dmytro Balym](#)
- ☐ p. Provided sufficient documentation to install and run their prototype on another machine - [Leonid Marushevskiy](#), [Dmytro Balym](#)
- ☐ q. Prototype and underlying platforms used to create and run the prototype are openly licensed and free of charge - [Leonid Marushevskiy](#)

Note 1: The State understands it will be difficult to find people who would be credible actual users of the prototype, given the dataset. "People" here is to be understood as anyone not directly involved in the design or development of the prototype. Subsequent use of the word "People" in all the criteria should be understood to have the same definition as described in this footnote.

Note 2: "Modern" is to be understood as any technology or standard released, created, initiated or finalized in the 5 years preceding the release of this RFI. Any subsequent use of the word "Modern" in these criteria is to be understood as having the same definition as described in this note.

