**ATTACHMENT A**

**SOLICITATION NO. 0900000570**

This Solicitation is a Contract Document and is a request for proposal in connection with the Contract awarded by the Office of Management and Enterprise Services as more particularly described below. Any defined term used herein but not defined herein shall have the meaning ascribed in the General Terms or other Contract Document.

**PURPOSE**

The Contract is awarded on behalf of the Oklahoma Office of Management and Enterprise Services (OMES) Information Services Division (ISD)for a state landing page to include a website crawler/scraper application to harvest information from agency webpages, export to database and tag content to create a unified citizen web experience. New features to the landing-page to include a logged-in experience and some new interactive elements for the logged-out experience.

**1.** **Contract Term and Renewal Options**

The initial Contract term, which begins on the effective date of the Contract, is one year and there is 1 one-year option to renew the Contract.

**2. Requirements**

Certain Contract requirements and terms are set forth below as Exhibit 1.

**Current Platform**

The current landing page of Oklahoma is at https://oklahoma.gov and is a website created within Adobe Experience Manager (AEM).

The web page will remain in AEM and will require the winning bidder to execute on this work using AEM as the base of the project.

* Discuss your experience with AEM.

**Application and Web Crawler/Scraper Utility**

Create an application and web crawler/scraper utility.

The scraper should automatically retrieve the content of all websites associated with the state of Oklahoma to be reviewed for content.

* Discuss your solution and provide examples of prior work experience.

Discuss how your application and crawler/scraper solution can provide the following capabilities?

* Review for content
* Relationships
* Metadata
* State standard design
* Tags

**Database**

The outputs of the scraper should be placed into a database.

* Discuss how your solution would move the output of the crawler/scraper into a database.
* Discuss how the database can be used by the application so that internal OMES ISD staff can review the outputs associated with each website and adjust findings to actual, adding tags and flipping toggles as necessary.

This process will only be dealing with publicly available information on existing public websites that are the subdomains of ok.gov and oklahoma.gov and two links deep from primary websites.

Metadata retrieved from the process should provide OMES IS with information to assist with identification of web pages.

Discuss how your solution can provide the following:

* A screenshot of the first 500px from top of page
* The HTML content of the page
* The text content (i.e., without HTML tags) of the page
* Auto-generated tags
* Referrer (how the tool reached the page)
* Best guess at government agency associated with the website
* HTML meta tags
* HTML title
* URL

Other metadata may be requested during project planning.

The verification application/utility should allow the internal OMES user to read and manage metadata associated with each page indexed by the crawler.

Discuss how your solution can provide the following:

* Display the preview image (top 500px) of the page and allow the user to tag the page with freeform tags.
* A toggle should be available for "searchable" so that some pages can be marked as being excluded from search.

**Exporting the Database**

After all tagging and metadata has been retrieved, the database should be exported into an Azure Cognitive Search instance and the state's search engine should connect directly with Azure Cognitive Search for all searches.

A repeatable process should be created so that the database can periodically be uploaded into Azure Cognitive Search and then automatically uploaded as updates occur.

* Detail how you can create a repeatable process to upload data to Azure Cognitive Search.
* Discuss your experience with Azure Cognitive Search.

**Logged-in Experience**

A logged-in experience should be built that connects with existing Azure B2C infrastructure so that citizens can register and associate themselves with any data already in our systems.

This requires connections to identity proofing that is already available through login.ok.gov as well as hooking into the state data platform in Google Cloud Platform to retrieve data based on certain user identifiers.

After successful registration, users should be able to see services that they are already associated with, correct any incorrect data, and receive notifications and messages about their services.

They must also be able to upload documents to the state standard document management solution OnBase in a way that agencies can share files and retrieve uploaded files from.

* Discuss your experience with Azure B2C connections.
* Discuss your experience with Google Cloud Platform connections.
* Discuss your experience with the OnBase document management solution.

**Interactive Experience**

An interactive experience should be built where citizens can find services that match their situation.

It should be questionnaire-based and use the existing platform paperform.co to build this solution.

Paperform allows us to build interactive experiences with if-then logic flows down pre-defined pathways.

This will require extensive planning compared to execution time.

This part of the project will involve building a series of 10 pathways and establishing the way to create additional pathways in the future.

* Discuss your experience with the Paperform platform.
* Discuss your experience with building pathways and establishing a way to create additional pathways in the future.

**Bidder Experience**

Bidders must demonstrate experience in a full range of platforms and work collaboratively with a multi-disciplinary team to ensure quality delivery in a timely manner.

* Discuss your experience on prior projects to build a state landing page that creates a fully interactive citizen experience.

**Timeline**

Work on this project should commence within 30 days of contract award.

The project completion is expected to be between 3 months (6 sprints) and 6 months (12 sprints).