



Ohio Colleges of Medicine Government Resource Center Infant Mortality Reduction Analytic Display Request for Quote

Quote Due Date: Tuesday, September 26, 2017 5:00 P.M. EST

Request for Quote

The Ohio Colleges of Medicine Government Resource Center (GRC) is seeking services to integrate and harmonize interactive analytic web applications designed to aid Ohio state agencies in infant mortality research and reduction efforts, in a common interface using Tableau for deployment in a mixed-server environment including Tableau Server.

Product Summary

1. The selected vendor will harmonize a set of interactive analytic applications written in R's "Shiny" package, ArcGIS, and Tableau, creating a unified interface with Tableau as the "front door" for authentication and overall control and navigation. The result will be fully compatible with GRC's computing and regulatory environment at a public university medical center. The result will be accompanied by documentation and training materials for end-user and administrator audiences.
2. The selected vendor will develop a unified interface across Tableau and sub-applications.
3. The selected vendor will, taking as inputs a set of applications developed in ArcGIS and R's "Shiny" package, develop a coherent user interface meeting the following criteria:
 - a. Provides a consistent "look and feel" across Tableau, R-Shiny and ArcGIS, including but not limited to the following:
 - i. interface controls;
 - ii. graphical and tabular outputs; and
 - iii. contextual text and images.
 - b. Preserves all functionality of the inferential statistical models developed in ArcGIS and Shiny, of the descriptive geospatial statistical models, and ArcGIS geospatial display.
 - c. Maximizes use of web standards such as cascading style sheets (CSS) and minimizes use of ad hoc per-application configuration.
4. The selected vendor will provide unified named-user authentication. The selected vendor will provide named-user authentication with Tableau Server as the authentication mechanism. Access to Shiny and ArcGIS must be controlled via this authentication mechanism, via a method including but not limited to authentication token or reverse proxy through Tableau Server.
5. The selected vendor will harmonize network- and application-level interoperability. The selected vendor will ensure that outputs are operational in GRC's environment, meeting the following criteria:
 - a. using APIs for application interoperability;
 - b. using application-default network ports and protocols; and
 - c. using HTTPS for all Internet-exposed traffic.



6. The selected vendor will optimize computational performance. The selected vendor will ensure that the products to be delivered meet performance standards to be agreed upon between the selected vendor and GRC.

Deliverables

1. The selected vendor will produce a web application, developed in a combination of Tableau and other web programming tools agreed upon between the selected vendor and GRC, meeting the criteria detailed in the Scope of Work.
 - a. All compiled code must be accompanied by source code.
 - b. All source code must be annotated for interpretability by GRC.
2. The selected vendor will provide training for end-users to include written documentation and recorded and interactive “webinars.”
 - a. All training materials are subject to GRC communications standards.

Partner Expectations

1. The selected vendor will be responsible for all tools and materials required for development of the Deliverables. GRC will provide all infrastructure required for deployment, including but not limited to server hardware and software, storage, and networking.
2. All work must be completed using written program code where possible. All work performed using graphical user interfaces (GUIs) must be documented.
3. Period of Performance:
 - a. Begin on October 9, 2017 and end by June 30, 2018.
4. Participate in weekly project management calls with GRC and the state sponsors as needed.

Response Requirements

Request for Quote (RFQ) Issued to Applicants	Monday, September 11, 2017, 5:00 PM EST
Question and Answer Period Ends	Tuesday, September 19, 2017, 5:00 PM EST
Request for Quote Due Date	Tuesday, September 26, 2017, 5:00 PM EST

RFQ Question and Answer Period: Questions regarding the RFQ process must be submitted by 5:00PM EST on Tuesday, September 19, 2017 in writing to Carrie Farquhar at Carrie.Farquhar@osumc.edu.

RFQ Response Format: Detailed quotes must address all aspects of the project, including a budget (not to exceed \$90,000), timeline of services, and clear demonstration the vendor is qualified to perform the work described in this RFQ (Attachment A). Project proposals, excluding supporting documents (i.e. budget, timeline, and Attachment A), is limited to five (5) pages, single spaced. Submit electronic quotes only to Carrie.Farquhar@osumc.edu by Tuesday, September 26, 2017, 5:00 PM EST.



Attachment A

PAST PROJECT PERFORMANCE REFERENCE/CONTACT

The vendor must list up to three organizations that have received services of similar size, nature or scope to product described in this RFQ from the vendor in the past five years. Include the company or organization, contact name, address, current phone number, beginning and ending dates of work on the project, and a brief (3-5 sentences) summary of the vendor's role for each project.

Vendor's Name:

Company/Organization:	Address:
Contact:	Phone Number:
Project Name:	
Beginning Date of Project Month/Year:	Ending Date of Project Month/Year:
Summary of Scope of Work Vendor Completed:	

Company/Organization:	Address:
Contact:	Phone Number:
Project Name:	
Beginning Date of Project Month/Year:	Ending Date of Project Month/Year:
Summary of Scope of Work Vendor Completed:	

Company/Organization:	Address:
Contact:	Phone Number:
Project Name:	
Beginning Date of Project Month/Year:	Ending Date of Project Month/Year:
Summary of Scope of Work Vendor Completed:	

