

ATTACHMENT A

Surveillance System Replacement

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.

BACKGROUND

The Oklahoma State Department of Health (OSDH) Public Health Investigation and Disease Detection of Oklahoma (PHIDDO) system is a custom-built, web-based application for disease management and surveillance activities. It offers real-time reporting of communicable diseases and outbreaks. The system is only accessible to persons with specific authorization to enter and view records and information. In addition, within the application flexible authorization options exist to further control the end user's ability to view and interact with sensitive data. Online case reporting eliminates the need for faxing and mailing reports to OSDH and reduces paperwork. PHIDDO provides a centralized system for reporting and the ability to search and update previously submitted reports.

Title 63 Oklahoma Statute (O.S.) 1981 §1-503 mandates the reporting of cases of diseases and conditions by Oklahoma healthcare providers and laboratories to the OSDH. PHIDDO is the preferred method of reporting diseases and conditions other than COVID-19 reporting which occurs through the SpringML web portal and COVID-19 case reporting occurs via the OSDH Case Investigation (OSDH CI) application. PHIDDO interfaces with OSDH CI and many other systems. PHIDDO is not a single application, but a system of systems using interoperability (see Diagram 1). PHIDDO is a Tier-1 system for OSDH and would substantially impact OSDH services if there are PHIDDO disruptions or outages.

PHIDDO users include internal OSDH staff, county health department and tribal health staff, physicians, physician assistants, nurse practitioners, infection preventionists, laboratorians, sentinel providers, and other clinical or healthcare professionals who would be submitting cases of reportable diseases and conditions or conducting disease investigations. There are currently approximately 1,500 users that utilize PHIDDO.

PURPOSE

The OSDH is tasked to interrupt the transmission of Oklahoma's reportable conditions. The Acute Disease Service (ADS) and Sexual Health and Harm Reduction Service (SHHRS) Service Areas and the Tuberculosis Division conduct testing, process received test results and conduct clinical visits for patient/client follow-up including contact tracing, partner services, and treatment referrals. The Service Areas and Division track testing and treatment for their specified conditions to ensure essential services are provided to stop the spread of the reportable conditions. Information is reported to PHIDDO, the current surveillance and disease investigation system. PHIDDO collects information related to patient/client visits, testing events, and field records. Information collected includes patient demographics, risk/exposures, laboratory testing, clinical findings, treatment and referrals, contacts and their related outcomes, patient interview information, and comments related to the case investigation or clinical visit. The Service Areas and Division submit required reports and datasets of the collected data to the federal government at required intervals. The OSDH is seeking a supplier to deploy a surveillance system. This project will involve gathering requirements and conducting a needs assessment for surveillance system inclusion, migration, and implementation for each system currently fulfilling a function in OSDH's overall disease surveillance effort. The system will be cloud based and hosted by the supplier.

1. Contract Term and Renewal Options

The initial Contract term, which begins on the effective date of the Contract, is one year and there are four (4) one-year options to renew the Contract.

2. Certain Contract requirements and terms are attached hereto as Exhibit 1, Exhibit 2, Exhibit 3, Exhibit 4 and Exhibit 5 and incorporated herein.

Diagram 1. PHIDDO Interoperability

