

## Global Health Technical Support for Global Public Health Data Innovation

**Task Order: Data Security White Paper.** APHL has been tasked with developing a data security white paper to provide a high-level overview to Laboratory Directors, Clinicians, and various staff. This paper will review multiple topics, such as the main elements of data security” Confidentiality, Integrity, and Availability—the importance of data security, such as the consequences of inadequate security practices. Review backup and disaster recovery strategies and methods-how to develop a backup plan. Review types of cloud environments: public, private, and hybrid. Lastly, this white paper will cover how organizations should evaluate practices and procedures to enhance safeguards to limit unnecessary or inappropriate access to and disclosure of protected health information. This project deliverable will be to create a white paper on data security guidance and strategies.

### Key points to be addressed in the white paper

- What is data security
- Threats and vulnerabilities
- Conducting a risk assessment
- Roles, level of access, and ownership of data
- How to assess and define security requirements
- Disaster and recovery Plans
- How to create a recovery plan
- Types of cloud environments: public, private, and hybrid

### Submission:

The contractor is requested to submit a proposal (not exceeding 2 pages) that outlines their approach to this task, the timeline they will follow, resources committed and requested budget allocation. The deadline for this submission is August 31, 2023, to be submitted to [hewan.moges@aphl.org](mailto:hewan.moges@aphl.org).

The selected contractor will be notified by September 21, 2023.