



YEAR 1 COVID SUPPLEMENT PROJECT PLAN

CDC/APHL Partnership: OE20-2001 Enhancing Public Health Laboratory Capabilities and Increasing Capacity

GENERAL INFORMATION	
1	PROJECT / ACTIVITY TITLE: APHL AIMS COVID ELR and related TA
2	CIO: NCEZID
3	CIO POC NAME(S): Jason Hall CIO POC E-MAIL ADDRESS(ES): zfr9@cdc.gov CIO POC PHONE NUMBER(S): 678.458.4033
4	PROPOSED FUNDING (Whole #s Only): 2,300,000.00
5	DURATION OF FUNDING: ☒ Remainder of current budget period (<i>through June 30, 2021</i>) ☐ The CIO will fund the project for one year. ☐ The CIO will award new funding each budget period for more than one year.
PROPOSED PROJECT / ACTIVITY	
6	Select whether your project/activity is new or existing. ☒ New Project/Activity Need Identified by: ☐ Grantee ☐ CIO ☐ CIO Existing Project/Activity Projects/Activities currently identified in the published NOFO are reflected below. Select the project/activity that is most suitable. Cross-Cutting Areas (<i>Identify specific project/activity</i>): ☐ Laboratory Strengthening and Leadership ☐ Public Health Preparedness and Response Public Laboratory Informatics ☐ Global Health ☒ Laboratory Systems and Standards ☐ Workforce Development Program Specific Areas (<i>Identify specific project/activity</i>): ☐ Newborn Screening and Genetics ☐ Environmental Health ☒ Infectious Diseases ☐ Food Safety ☐ Other. Please specify:
7	PROJECT DESCRIPTION; JUSTIFICATION; BONA FIDE NEED; GOALS, AND GENERAL OR SAMPLE ACTIVITIES TO BE UNDERTAKEN:

APHL is continuing to develop technical innovations and initiatives to help strengthen the response effort and ease the burden on public health laboratories. APHL repurposed functionality on the AIMS platform typically used to send influenza data, and was able to quickly onboard laboratories for transmitting COVID-19 testing data directly to CDC. This effort is part of the APHL AIMS platform (for COVID ELR or CELR), which has been extended to collect and transmit COVID ELR from health departments to CDC.

APHL's technical assistance team modified the route to accept new data and to ensure consistent coding and messaging terminology/vocabulary APHL created messaging templates for sample data exchanges APHL worked directly with 55 laboratories and agencies to generate messages and successfully route to CDC within one month.

We are requesting response funding to support the continued operation of the APHL AIMS collection and reporting of COVID-19 line-level, deidentified lab data to CDC and HHS (CELR efforts). The prior year funding is not sufficient to sustain this program, including the respective ELR TA to support jurisdictional health departments. This support of the AIMS platform is critical to producing the national data picture and analysis to help detect and control the spread of coronavirus.

KEY ACTIVITIES OR DELIVERABLES:

Key activities

- Maintenance, enhancements and operations of the COVID-19 ELR efforts within AIMS
- Personnel to project manage the COVID-19 ELR operational efforts
- Personnel to provide technical assistance for ELR submissions and exchange within the jurisdictions

Deliverables

- Frequent data transmission from all jurisdictions to CDC
- Weekly meetings with CDC Lab Reporting Working Group to coordinate TA to jurisdictions
- Site-specific TA deliverables
- Help desk and support functionality for reporting jurisdictions

PROGRAM OUTCOMES THAT RELATE TO SUPPLEMENTAL NOFO (*Select all that apply*)

MID-TERM OUTCOMES

- ☐ Promotes competent, collaborative, and practice ready PHL workforce
- ☒ Improves laboratory methods, systems, and informatics capacity
- ☒ Increases laboratory effectiveness in response to public health needs, including emergencies Improves public health laboratory detection and response programs
- ☐ Develops model policies and tools for quality and safe PHL practice
- ☐ Assures CLIA standards and good laboratory practices are followed by PHLs and are promoted to clinical laboratories performing tests of public health importance
- ☐ Other: [Click or tap here to enter text.](#)

LONG-TERM OUTCOMES

- ☐ Reduces incidence and prevalence of preventable diseases and public health threats
 - ☐ Reduces morbidity and mortality equitably delivered throughout the United States and the world Protects the public from public health threats
 - ☒ Creates sustainable and resilient PHLs that effectively and efficiently adapt to evolving public health needs
- Revises standards for the PHL system resulting in a more efficient, higher quality, and safe PHL system

☐ Other: Click or tap here to enter text.

BUDGET INSTRUCTIONS

9 GENERAL INSTRUCTIONS FOR USE OF FUNDS – AS APPLICABLE (e.g., budget restrictions based on appropriation):

Click or tap here to enter text.

CIO CERTIFICATION

10 By submitting this project plan, I certify that my CIO currently does not maintain a comparable NOFO for similar activities.



Recoverable Signature

X

C Jason Hall

Signed by: bc67e121-92db-4357-ae04-d783e7329d1e