CDC-RFA-OE20 -2001: *Enhancing Public Health Laboratory Capabilities and Increasing Capacity*

New Focus Area Project Plan Template

SECTION 1: GENERAL INFORMATION			
1.	**Name of Applicant:** Association of Public Health Laboratories (APHL)	**2.**	**Focus Area:** **Informatics**.
3.	**Funding Amount:** *(Whole Numbers Only)* **$**500,000	**4.**	**Funding Source (e.g., BA, COVID, PPHF, OPIOID):** COVID
5.	**Name of Project:** **eCR Direct Assistance to PHAs for processing and using eCR in surveillance systems**		
6.	**Name of Technical Monitor(s):** Laura Conn, Grace Mandel	**7.**	**Technical Monitor(s) Email Address:** Lbk1@cdc.gov
		8.	**Technical Monitor(s) Phone Number:** 404-498-0971
9.	**Name of Focus Area Coordinator (FAC):** Jasmine Chaitram	**10.**	**Email Address of FAC:** Zoa6@cdc.gov
		11.	**Phone Number of FAC:** 404-498-1635

SECTION 2: PROJECT SUMMARY

2.1 – Project Description

Project Status: *Select whether your project/activity is an entirely new project or an extension of an existing project:*

☒New CIO Project/Activity
☐ CIO Existing Project/Activity (Expansion/Change of Scope)

Project Description: *Provide a description of the project including a justification for the project's bona fide need in the space below:*

Processing and using new electronic case reports in surveillance systems at PHAs is critical to advancing eCR implementation beyond COVID to all reportable conditions. PHAs have a critical need for additional technical support to assist with bringing in this new data and processing it for use in their surveillance system (s). This project will provide direct, hands-on support to jurisdictions to achieve this goal.

Activities: *Describe activities to be carried out in this project as well as their associated deliverables:*

Provide informatics technical assistance to STLT public health agencies to support the processing and use of electronic case reports in surveillance systems. As prioritized by eCR leadership, provide, at a minimum, the following support activities to identified PHAs:

1. Providing direct technical expertise to jurisdictional health departments to onboard, process and use eCR data;
2. Supporting daily communication and troubleshooting with these entities to include coordinating on timelines, facilitating the operations of incoming electronic case report data from AIMS, monitoring the data transmissions;

assisting with data validation; data extract scripts or other file creation; and remote and on-site (when possible) technical assistance to jurisdictions to overcome reporting challenges.

3. Providing weekly measurable progress updates and achievements to eCR leadership and jurisdictional site contacts.

2.2 – Project Strategy and Outcomes

Project Strategies: *Select one or more strategies that the project will contribute towards:*	☐S1. Science, Management and Operations ☒S2. Policy, Partnership and Communication ☐S3. Training and Capacity Building ☒S4. Laboratory Quality, Safety and Informatics for Public Health Testing Services, Surveillance and Response

For this Project: Select the outcomes that the project will contribute towards Please check and select responses for all applicable boxes below.	**POs and IOs Proposed for this Project**
PO-1. Improved collaboration and communication across public health laboratories and other stakeholders.	☐
PO-2. Improved awareness and understanding of public health laboratory capabilities and needs among public health laboratories and other stakeholders.	☐
PO-4. Improved awareness of new tools and resources for public health laboratories and other stakeholders.	☐
PO-5. Increase in needs met due to improved awareness and understanding of public health laboratory training and professional development needs and opportunities among training and workforce development stakeholders.	☐
PO-6. Improved access to and participation in training and workforce development resources and opportunities among current and potential laboratory professionals.	☐
PO-7. Enhanced knowledge, skills, and abilities among current and potential public health laboratory professionals in diverse settings.	☐
PO-8. Improved awareness of public health laboratory informatics capabilities.	☐
PO-9. Improved implementation of quality and safety systems and model practices in public health laboratories.	☐
PO.10. Improved knowledge of technical assistance needs and priorities in state and local public health laboratories.	☐
PO-11. Improved and ongoing awareness and understanding among stakeholders of emerging methods and processes in public health laboratories.	☐
PO-12. Improved dissemination of evidence-based practices to public health laboratories and other stakeholders.	☐
PO-13. Improved laboratory testing capability and surge capacity for emergency response through equipment procurement, competent staff and partnerships.	☐
NEW S1.PO-14 Implement approaches to ensure efficiency for committee/subcommittee functions	☐
NEW S1.PO-15 Maintain monitoring and evaluation processes across all focus areas	☐
NEW S1.PO-16 Maintain and ensure process and system of effective knowledge management and commitment to rigorous scientific integrity, quality, and professional standards of practice in development of APHL products	☐
NEW S4.PO-1 Better informatics solutions available for public health laboratory system-wide adoption	☒
NEW S4.PO-2 Improved, timely public health laboratory access to and awareness of needed resources	☐
NEW FLS.C.PO-1 Improved dissemination of clear, compelling, targeted, and timely messages using appropriate communication channels for relevant audiences	☐
NEW FLS.C.PO-2 Increased production of communications materials, websites or other digital platforms, or any other resources with APHL-CDC logo use (i.e., co-branding and logo licensing)	☐
NEW FLS.C.PO-3 Improved dissemination of APHL-CDC co-branded materials or resources for public health laboratories and other stakeholders	☐

NEW Ph2.ID.PO-1 Improve testing capability/capacity to conduct and report low-volume or highly-specialized testing efficiently.	☐
NEW Ph2.PHPR.PO-1 Ensure compliance and access to essential, centralized resources for laboratory testing capability and surge capacity for coordinated emergency response.	☐
NEW QSS-S4.2-PO1. Increased public health laboratory and system partner participation/commitment to L-SIP assessment/reassessment process.	☐
NEW QSS-S4.2-PO3. Improved implementation of quality and safety system model practices across participating public health laboratory system (state/local level).	☐
NEW QSS-S4.2-PO2. Increased participating public health laboratory, system partner knowledge of quality needs and model practices.	☐
IO-1. Expanded Communities of Practice and other collaborative relationships among public health laboratories and other stakeholders.	☐
IO-2. Strengthened information sharing across public health laboratory networks and other stakeholders.	☒
IO-3. Improved engagement and participation of current and potential public health laboratory workforce through application of best practices.	☐
IO-4. Enhanced practices, methods, and infrastructure within the public health laboratory system.	☐
IO-5. Improved data exchange and interoperability among public health laboratories and their partners.	☒
IO-6. Improved public health laboratory detection, surveillance, and response.	☐
IO-7. Improved quality and safety in public health laboratories.	☐
NEW S1.IO-8 Ensured effective leadership and management system for committees/subcommittees	☐
NEW S1.IO-9 An effective monitoring and evaluation system across the organization	☐
NEW S2.IO-3 (Old PO-3) Improved support for public health laboratories among policy makers	☐
NEW S3.IO-1 Leadership development participants granted increased leadership roles and/or responsibilities	☐
NEW S4.IO-1 System-wide adoption of informatics and data management solutions among public health laboratories and their partners	☒
NEW S4.IO-2 Increased use of resources/outputs created and shared via technical assistance responses	☐
NEW S4.IO-3 Improved technical capability among recipients as a result of fulfilled requests	☐
NEW FLS.C.IO-1 Improved reach of clear, compelling, targeted, and timely messages among relevant audiences	☐
NEW FLS.C.IO-2 Enhanced adoption or use of APHL-CDC co-branded materials or resources among public health laboratories and other stakeholders	☐

SECTION 3: PROPOSED BUDGET

Instructions for Use of funds: *Provide any restrictions or instructions for applicant use of funds, as applicable:*

Dedicated technical experts should be identified to work under the direction of the eCR lead and eCR technical lead and be "deployed" to priority PHAs as identified.

SECTION 4: ADDITIONAL CONSIDERATIONS

Reviewers' feedback on additional considerations (if any):

Click or tap here to enter text.

3/1/2021

X Laura Conn

Technical Monitor/Submitter
Signed by: PIV