

GRANT ANALYSIS FORM OPERATING & CAPITAL GRANT PROJECTS/PROGRAMS

Department/Division: Health Department-LaboratoryContact Person & Phone No: Dr. Sanjib Bhattacharyya, Laboratory Director – Ext. 5702

Category of Request

 New Grant Grant Continuation

Previous Council File No. _____

 Change in Previously Approved Grant

Previous Council File No. _____

Project/Program Title: Epidemiology and Laboratory Capacity (ELC) Project E (Emerging Issues): Strengthening Public Health Laboratory (PHL) PreparednessGrantor Agency: Centers for Disease Control and Prevention (via Wisconsin Division of Public Health (WI DPH))Grant Application Date: April 30, 2021Anticipated Award Date: May/June 2021

1. Description of Grant Project/Program (Include Target Locations and Populations):

The ELC Enhancing Detection Project E (Emerging Issues): Strengthening Public Health Laboratory (PHL) Preparedness grant is focused on strategies to strengthen surveillance, detection, and preparedness through the Laboratory Response Network (LRN) and at CDC, primarily through the following objectives:

1. Strengthen state and local public health laboratory preparedness and response capabilities by building a robust, flexible, and scalable infrastructure.
2. Implementation of new technologies to expand infectious disease detection for SARSCoV-2 and other infectious disease pathogens.
3. Enhance and modernize national, state and local data pipelines, analysis, and laboratory data reporting.

As a funding recipient, the MHD Laboratory will be expected to: build lab capacity by procuring and implementing new automated and high-throughput technologies to improve laboratory response activities, by enhancing MHDL's capabilities related to Next Generation sequencing (NGS), bioinformatics and other methods utilized in the detection of pathogens, toxins and emerging infectious diseases; ship suspect and/or confirmed biothreat samples to LRN reference and/or national laboratories; and enhance and expand laboratory information management system (LIMS) infrastructure, to enable faster and more complete laboratory reporting.

The MHD Laboratory will serve as a subgrantee to the WI DPH (primary grant recipient) and work in conjunction with both WI DPH and WSLH in order to fulfill these grant deliverables.

2. Relationship to City-Wide Strategic Goals and Departmental Objectives:

This grant directly relates to the MHD departmental strategic goal of increasing public health preparedness to respond to emergencies, by better equipping the laboratory to detect pathogens, toxins and emerging infectious diseases.

3. Need for Grant Funds and Impact on Other Departmental Operations (Applies only to Programs):

These grant funds and related activities will positively impact laboratory and epidemiology related operations at the MHD, and are needed to support the laboratory's ongoing and continually increasing testing services in response to the current COVID-19 outbreak, as well as better equip the lab for responding to other emerging infectious diseases and biothreats.

4. Results Measurement/Progress Report (Applies only to Programs):

Summary of Reporting Requirements:

1. Routine progress reports on milestones in approved workplan to WI DHS
2. Monthly fiscal reports
3. Performance measure data
4. CDC may require recipients to develop annual progress reports (APRs). CDC will provide APR guidance and optional templates should they be required.

5. Grant Period, Timetable and Program Phase-Out Plan:

August 01, 2021 – December 15, 2021

6/15/04

6. Provide a list of Subgrantees:

This grant is anticipated to be directly awarded to the Wisconsin Division of Public Health (WI DPH), with funds administered to the MHD Laboratory (subgrantee) via a contract with WI DPH.

7 If Possible, complete Grant Budget Form and attach to back.

Grant budget form is attached.