



BOARD LETTER:
AUTHORIZE A SINGLE SOURCE PROCUREMENT FOR
BIOFIRE DEFENSE LLC BIOFIRE FILMARRAY 2.0
SYSTEM, MAINTENANCE, CONSUMABLES, REAGENTS,
AND SUPPLIES

Epidemiology and Immunizations Services Branch

Public Health Laboratory

June 6, 2023





Mission Statement: Providing quality laboratory services to protect community health and prevent the spread of disease.

- The Public Health Laboratory (PHL) works in conjunction with public health clinics, local hospitals and healthcare providers, the Public Health Service's Epidemiology Unit, Tuberculosis Control and Refugee Health Branch, and the Department of Environmental Health and Quality.
- By analyzing clinical and environmental samples, the PHL participates in the core activities of surveillance, assessment, and assurance.

BACKGROUND



- Laboratory Response Network laboratories use the BioFire FilmArray 2.0 system for bioterrorism preparedness and pandemic biosurveillance
- *Ebola disease (EVD)*
 - Rare but often fatal

BACKGROUND- CONFIRMED AND PROBABLE CASES OF EBOLA

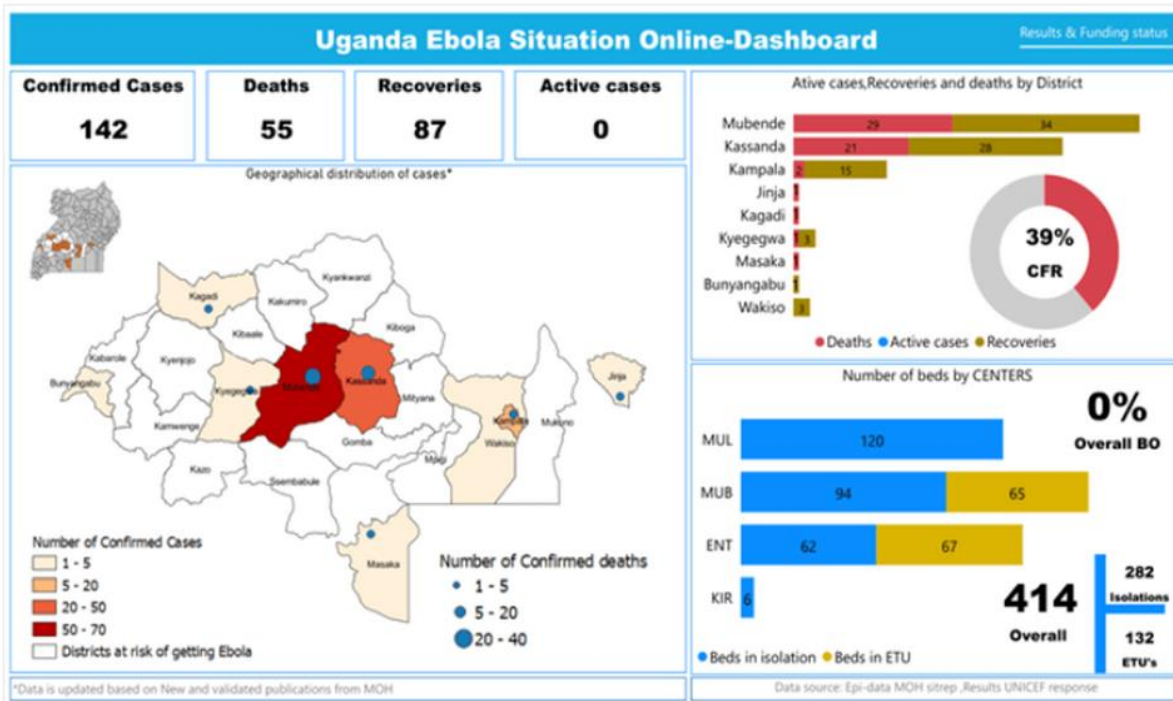
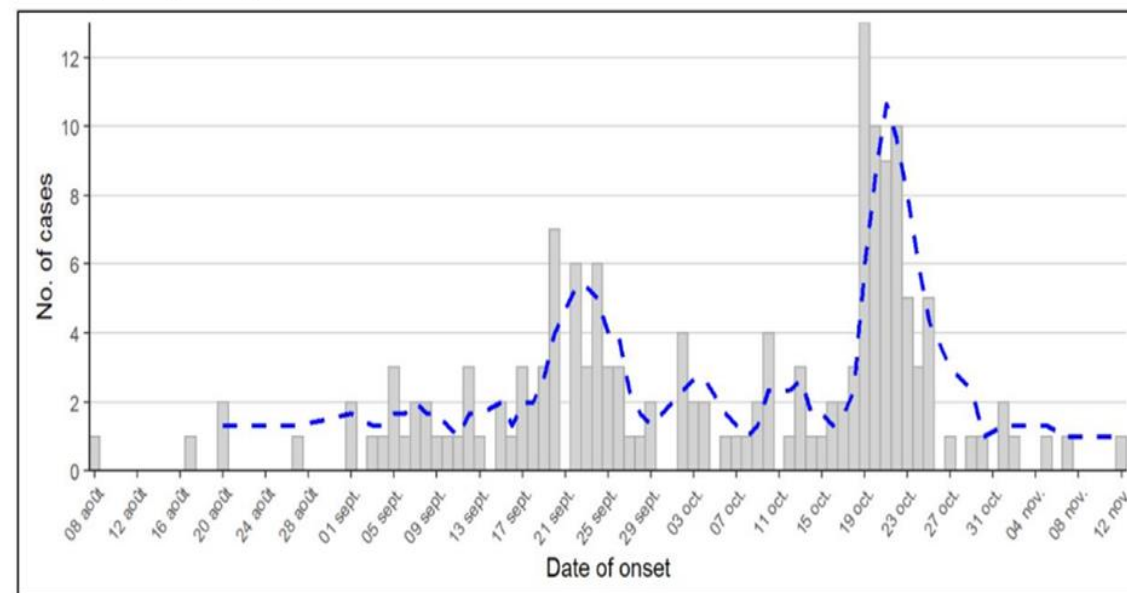


Figure 1. Number of confirmed and probable cases of Ebola disease caused by SUDV by date of symptom onset, with 3-day moving average, as of 21 November 2022.



Source: *Ebola Virus Disease in Uganda Situation Report - 57*

BIOFIRE FILMARRAY 2.0 SYSTEM



- Recommended by the Centers for Disease Control and Prevention and State Laboratory.
- Fully automated biodetection system offering comprehensive test panels to identify many of the most lethal viruses and bacteria.
- Limited hands-on time for processing and one hour turnaround testing time is crucial to finding and reporting of potential outbreaks in a timely manner
- Versatile



SINGLE SOURCE PROCUREMENT – BIOFIRE FILMARRAY 2.0 SYSTEM, MAINTENANCE, CONSUMABLES, REAGENTS, AND SUPPLIES



INSTRUMENT FEATURES



Respiratory panel, e.g COVID-19 Testing Panel



NGDS Warrior Panel – *Ebolavirus (Zaire), Marburg virus, Variola virus, Bacillus anthracis*, and more



BioThreat detection for Ebola Zaire virus – only allowable at Laboratory Response Network (LRN)- Reference Laboratories

BIOFIRE FILMARRAY 2.0 SYSTEM, MAINTENANCE, CONSUMABLES, REAGENTS, AND SUPPLIES



BioFire FilmArray 2.0 System, Maintenance, Consumables, Reagents, and Supplies.

Contract term: one year and four option years, and an additional six months if necessary.

Contract Cost: up to \$80,000 in the Initial Term, \$40,000 in Option Year One, \$40,000 in Option Year Two, \$40,000 in Option Year Three, and \$40,000 in Option Year Four.

RECOMMENDATIONS



1. In accordance with Board Policy A-87, Competitive Procurement, approve and authorize the Director, Department of Purchasing and Contracting to enter into negotiations with BioFire Defense, LLC, and subject to successful negotiations and a determination of a fair and reasonable price, award a contract for BioFire FilmArray 2.0 system, ongoing maintenance, consumables, reagents, and supplies that is manufactured by BioFire Defense LLC for a period of up to one year and four option years and an additional six months if needed, and to amend the contract as needed to reflect changes to requirements and funding.
2. Authorize the Agency Director, Health and Human Services Agency, to apply for additional funding opportunity announcements, if available, that would support increased testing capacity and efficiency to provide faster detection and communication of potential future outbreaks.

BIOFIRE FILMARRAY 2.0 SYSTEM, MAINTENANCE, CONSUMABLES, REAGENTS, AND SUPPLIES



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July 18, 2023

