



BOARD LETTER:
AUTHORIZE A CONTRACT AMENDMENT FOR THE
SINGLE SOURCE PROCUREMENT OF THE CEPHEID
INC. GENEXPERT EQUIPMENT, MAINTENANCE,
CONSUMABLES, REAGENTS, AND SUPPLIES

Epidemiology and Immunizations Services Branch

Public Health Laboratory

April 4, 2023



PUBLIC HEALTH LABORATORY



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.



Current Status of Testing - STIs



- Our local public health laboratory (PHL) provides testing for common sexually transmitted infections (STI) that include trichomoniasis, chlamydia and gonorrhea.
- San Diego County PHL facility closed in February 2022 due to a structural issue.
- These testing services have been temporarily suspended until we can identify a functioning PHL facility.
- Current testing is being sent to QUEST

THE PROBLEM



CHLAMYDIA

- Cases in 2020:
 - San Diego: 18,170
 - California: 177,266
 - United States: 1,600,000
- Cases in 2021:
 - San Diego: 18,075
 - California: data not available
 - United States: 1,628,397 (prelim).
- Second most commonly reported communicable disease in San Diego County in 2021 after COVID-19

GONORRHEA

- Cases in 2020:
 - San Diego: 6,060
 - California: 77,823
 - United States: 677,769
- Cases in 2021:
 - San Diego: 7,884
 - California: data not available
 - United States: 696,764 (prelim.)
- San Diego experienced a 30.1% increase of gonorrhea between 2020 and 2021

Focus of the CDC Grant



- The HIV, STD and Hepatitis Branch of PHS received grant funding from CDC/ CDPH for *HIV Prevention Services in STD Clinics to Support the Ending the HIV Epidemic – Component C*
- This funding will be used to bridge the gap to our new laboratory.
- Once we have our new laboratory space, we will go back to the normal testing platforms that we have previously used.
- This GeneXpert testing system will then be repurposed for other uses in the lab due to its flexibility.



THE SOLUTION



The Cepheid GeneXpert system:

- Recommended and approved by the CDC and CDPH Laboratory
- Automates highly complex and time-consuming laboratory manual procedures.
- Allows for rapid detection and diagnosis of patients.
- Creates an opportunity for same-day treatment of common STIs.
- Increases versatility and flexibility of testing platforms in the public health laboratory.
- Can support testing of other diseases in our lab.

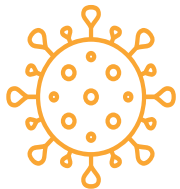




INSTRUMENT FEATURES



Approved and Recommended by the Centers for Disease Control and Prevention.



Platform flexibility allowing scalability to run on-demand testing of small and large testing volumes of multiple tests simultaneously thus reducing the time for results.



This platform can be used to run a variety of different tests which allows diversity of testing platforms within our Public Health Laboratory.

COMPETITIVE SOLICITATION - BD MAX INSTRUMENT, MAINTENANCE, CONSUMABLES, REAGENTS, AND SUPPLIES



Authorize a Contract Amendment for the Single Source of the Cepheid Inc. Genexpert Instrument, Maintenance, Consumables, Reagents, and Supplies.

Contract term will be for one year and four option years and an additional six months if necessary.

Contract Cost will be up to \$240,000 in the Initial Term, \$15,000 in Option Year One, \$10,000 in Option Year Two, \$10,000 in Option Year Three, and \$10,000 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 amend contract number 567213 with Cepheid Inc. to add the provision for GeneXpert equipment, ongoing maintenance, consumables, reagents, and supplies, subject to the availability of funds, and to amend the contract as needed to reflect changes to requirements and funding, subject to the approval of the Agency Director, Health and Human Services Agency.
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.

CONTACT INFORMATION



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