



**Contra
Costa
County**

To: Board of Supervisors
From: David O. Livingston, Sheriff-Coroner
Date: February 4, 2020

Subject: Purchase Order - Life Technologies Corp. GeneMapper ID-X Software

RECOMMENDATION(S):

APPROVE and AUTHORIZE the Purchasing Agent, or designee, to execute (1) a purchase order with Life Technologies Corporation and (2) the Terms and Conditions of Sale with Life Technologies Corporation, on behalf of the Sheriff-Coroner, in an amount of \$95,142 for the purchase of GeneMapper ID-X Software.

FISCAL IMPACT:

100% Federal Funds. Zero Net County Cost. Funded through 2018 DNA Capacity Enhancement for Backlog Reduction (CEBR) Grant Program

BACKGROUND:

The Contra Costa County, Office of the Sheriff, Forensic Services Division operates an ISO 17025 Accredited Crime Laboratory able to provide County-wide Forensic DNA testing services. The DNA Backlog Reduction Program grant funds are needed to ensure the efficient processing of DNA evidence. Grant funds have been used to purchase scientific equipment and software allowing for high throughput DNA extraction, quantification, detection and analysis. The 2018 DNA Backlog Reduction Program Grant funds will be used to purchase an upgrade to our current Life Technologies Corporation's GeneMapper®

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **02/04/2020** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: John Gioia, District I Supervisor
Candace Andersen, District II Supervisor
Diane Burgis, District III Supervisor
Karen Mitchoff, District IV Supervisor
Federal D. Glover, District V Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: February 4, 2020

David Twa, County Administrator and Clerk of the Board of Supervisors

By: Stephanie Mello, Deputy

Contact: Alycia Rubio,
925-335-1529

ID-X System Software to ensure state-of the art forensic DNA testing is provided to law enforcement agencies in Contra Costa County. The GeneMapper®

BACKGROUND: (CONT'D)

ID-X Software System is a powerful data analysis tool designed to significantly reduce the amount of time required to perform sizing, allele calling, mixture analysis, and statistical calculations on all types of forensic samples. The tool offers a comprehensive quality value system that can be optimized and validated for use in both Expert System and traditional data analysis workflows.

The Terms and Conditions of Sale requires the County to indemnify Life Technologies Corporation against third-party claims for infringement of its intellectual property rights.

CONSEQUENCE OF NEGATIVE ACTION:

A decision not to purchase GeneMapper® ID-X Software will increase the DNA case backlog, increase the turnaround time for DNA sample processing, and contribute to delays in criminal prosecutions.