

November 9, 2021

C-24

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION:

Adopt a Resolution authorizing the City Manager, or designee, to execute a contract, and any necessary documents including subsequent amendments, with Vanderbilt University Medical Center, of Nashville, TN, to provide deployment of their Research Electronic Data Capture (REDCap) software to be used as a case management system, in an annual amount of \$8,474, with a 15 percent contingency in the amount of \$1,271, for a total annual contract amount of \$9,746, for a period of one year, with the option to renew for four additional one-year periods, at the discretion of the City Manager. (Citywide)

DISCUSSION

City Council approval is requested to enter into a contract with Vanderbilt University Medical Center (VUMC), to provide the City of Long Beach (City) with a deployment of REDCap software, which will be used as a new case management and outbreak tracking system by the Communicable Disease Surveillance and Control Division of the Department of Health and Human Services (Health Department).

VUMC is the sole developer of REDCap software. The REDCap electronic platform will be used for five existing Health Department programs.

- **Congenital Syphilis Program** - REDCap will be used as a case management system for pregnant people infected with syphilis. These cases are currently only being reported in CalREDIE, which is the California Department of Public Health's (CDPH) current electronic disease reporting system that lacks case management capabilities. REDCap will allow disease investigation specialists to follow women throughout their pregnancy and determine the outcome of the infant.
- **Healthcare-Associated Infection Program** - REDCap will be used as a platform for healthcare facilities to report COVID-19 outbreaks and other emerging diseases, as there is no current system that allows for facilities to report these diseases. REDCap will also be used to manage outbreaks at skilled nursing facilities, long-term care facilities, and senior living facilities.
- **Outbreak Response Program** - REDCap will help facilitate outbreak responses at restaurants or healthcare facilities, with the capacity to send out surveys to gather information about outbreaks occurring throughout the City. REDCap will allow the Health Department to quickly collect, analyze, and respond to outbreaks to prevent the spread of infectious diseases.

- **Veterinary Diseases Program** - REDCap will be used as a reporting platform for veterinary diseases, as there is currently no platform to report these diseases to the Health Department. Veterinary conditions are critical to monitor, as some diseases can cross over to humans. This system will keep the Health Department up to date with emerging infectious diseases.
- **Hepatitis C Program** - REDCap will be used to link people who have acute or chronic hepatitis C, tracking patients who have initiated treatment for hepatitis C.

The CDPH, STD Control Branch advised the Health Department to use the REDCap system for an existing Congenital Syphilis grant. Having REDCap would increase the department's capacity to report grant deliverables and easily update the current case management system. Additionally, REDCap will efficiently create reports safely and securely. Currently, other local health jurisdictions are using REDCap to conduct case management for congenital syphilis and COVID-19. The Health Department and Department of Technology and Innovation (TID) evaluated three options for using REDCap: (1) Obtain REDCap software code from Vanderbilt at no cost and deploy the software in-house, which will require allocating human resources infrastructure to manage software and data safely and securely; (2) Obtain a subscription to REDCap cloud, which would provide the functionality needed by the Health Department, but with additional features, thereby making it expensive and more complex than needed; and, (3) Utilize Vanderbilt/DataCore to manage the deployment of REDCap software at a nominal cost on a per-project basis. After review and collaboration with TID, REDCap is the most effective when using the VUMC-managed system as VUMC will allow the Health Department to use the REDCap software for a small monthly fee.

City Charter Section 1801 requires that contracts for City purchases be awarded to the lowest responsible bidder after a competitive bid process but allows for awards without a competitive bid process when authorized by a Resolution adopted by the City Council.

This matter was reviewed by Deputy City Attorney Taylor M. Anderson on September 18, 2021, Business Services Bureau Manager Tara Mortensen on September 15, 2021, and by Budget Analysis Officer Greg Sorensen on October 21, 2021.

TIMING CONSIDERATIONS

City Council action to adopt a Resolution and award a contract to VUMC is requested on November 9, 2021, to ensure the contract is in place expeditiously.

FISCAL IMPACT

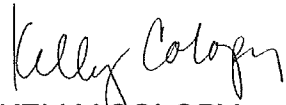
The total annual contract amount will not exceed \$9,746, inclusive of a 15 percent contingency. Sufficient funds are currently appropriated in the Health Fund Group in the Health and Human Services Department. This recommendation has minimal staffing impact beyond the normal budgeted scope of duties for staff currently working on COVID-19 response and is consistent with existing City Council priorities. There is no local job impact associated with this recommendation.

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SUGGESTED ACTION:

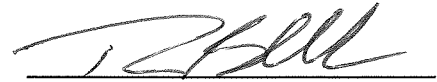
Approve recommendation.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kelly Colopy".

KELLY COLOPY
DIRECTOR
HEALTH AND HUMAN SERVICES

APPROVED:

A handwritten signature in black ink, appearing to read "T. B. Modica".

THOMAS B. MODICA
CITY MANAGER

RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LONG BEACH AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT AND ANY AMENDMENTS THERETO WITH VANDERBILT UNIVERSITY MEDICAL CENTER WITHOUT ADVERTISING FOR BIDS FOR THE DEPLOYMENT OF THEIR REDCAP SOFTWARE TO BE USED AS A CASE MANAGEMENT SYSTEM, IN AN ANNUAL AMOUNT NOT TO EXCEED \$9,746

WHEREAS, City is requesting to enter into contract with Vanderbilt University Medical Center (VUMC) to provide the City of Long Beach with a deployment of their Research Electronic Data Capture (REDCAP) software, which will be used as a new case management and outbreak tracking system by the Communicable Disease Surveillance and Control Division of the Department of Health and Human Services; and

WHEREAS, VUMC is the sole developer of REDCap software, which will be used as a new case management and outbreak tracking system by the Communication Disease Surveillance and Control Division of the Health Department; and

WHEREAS, the REDCap electronic platform will be used for five (5) existing Health Department programs:

1. **Congenital Syphilis Program.** REDCap will be used as a case management system for pregnant people infected with syphilis.

These cases are currently only being reported in CalREDIE, which is the California Department of Public Health's (CDPH's) current electronic disease reporting system that lacks case management capabilities. REDCap will allow disease investigation specialists to

1 follow women throughout their pregnancy and determine the
2 outcome of the infant.

- 3 2. **Healthcare-Associated Infective Program.** REDCap will be used
4 as a platform for healthcare facilities to report COVID-19 outbreaks
5 and other emerging diseases, as there is no current system that
6 allows for facilities to report these diseases. REDCap will also be
7 used to manage outbreaks at skilled nursing facilities, long-term care
8 facilities, and senior living facilities.
- 9 3. **Outbreak Response Program.** REDCap will help facilitate outbreak
10 responses at restaurants or healthcare facilities, with the capacity to
11 send out surveys to gather information about outbreaks occurring
12 throughout the City. REDCap will allow the Health Department to
13 quickly collect, analyze, and respond to outbreaks to prevent the
14 spread of infectious diseases.
- 15 4. **Veterinary Disease Program.** REDCap will be used as a reporting
16 platform for veterinary diseases, as there is currently no platform to
17 report these diseases to the Health Department. Veterinary
18 conditions are critical to monitor, as some diseases can cross over to
19 humans. This system will keep the Health Department up to date
20 with emerging infectious diseases.
- 21 5. **Hepatitis C Program.** REDCap will be used to link people who have
22 acute or chronic hepatitis C, tracking patients who have initiated
23 treatment for hepatitis C; and

24 WHEREAS, the REDCap system was recommended to the Health
25 Department by CDPH, STD Control Branch for an existing Congenital Syphilis grant and
26 other local health jurisdictions are currently using REDCap to conduct case management
27 for congenital syphilis and COVID-19; and

28 WHEREAS, the Health Department and Department of Technology and

1 Innovation (TID) evaluated three different options for using REDCap: 1) Obtain REDCap
2 software code from Vanderbilt at no cost and deploy the software in-house; 2) Get
3 subscription of REDCap could which would provide the functionality needed by the
4 Health Department but has additional features thereby making it expensive and more
5 complex then we need; 3) Utilize Vanderbilt/DataCore managed deployment of REDCap
6 software at a nominal cost on a per project basis; and

7 WHEREAS, after collaboration with TID, it was determined to be most
8 pragmatic and time and resource effective to use the VUMC-managed system, which will
9 allow the Health Department to use their own deployment of the REDCap software for a
10 small monthly fee; and

11 WHEREAS, City Charter Section 1801 requires that contracts for City
12 purchases be awarded to the lowest responsible bidder after a competitive bid process
13 but allows for awards without a competitive bid process when authorized by a Resolution
14 of the City Council; and

15 WHEREAS, as a result, no useful purpose would be served by advertising
16 for bids and to do so would constitute an idle and useless act and an unnecessary
17 expenditure of public funds;

18 NOW, THEREFORE, the City Council of the City of Long Beach resolves as
19 follows:

20 Section 1. The above recitals are true and correct and are incorporated
21 herein.

22 Section 2. The City Manager is hereby authorized to enter a contract and
23 any amendments thereto with Vanderbilt University Medical Center, for the deployment of
24 their REDCap software to be used as a case management system, in an annual amount
25 of Eight Thousand Four Hundred Seventy-Four Dollars (\$8,474) with a 15 percent
26 contingency in the amount of One Thousand Two Hundred Seventy-One (\$1,271) for a
27 total annual contract amount of Nine Thousand Seven Hundred Forty-Six Dollars
28 (\$9,746) for a period of one year, with the option to renew for four (4) additional one-year

1 periods, at the discretion of the City Manager.

2 Section 3. This resolution shall take effect immediately upon its adoption
3 by the City Council, and the City Clerk shall certify the vote adopting this resolution.

4 I hereby certify that the foregoing resolution was adopted by the City
5 Council of the City of Long Beach at its meeting of _____, 20__ by the
6 following vote:

7
8 Ayes: Councilmembers: _____

9 _____

10 _____

11 _____

12 Noes: Councilmembers: _____

13 _____

14 Absent: Councilmembers: _____

15 _____

16 Recusal(s): Councilmembers: _____

17 _____

18
19
20 _____
City Clerk