



FILED
OFFICE OF THE CITY CLERK
OAKLAND
2017 NOV -2 PM 12:36

AGENDA REPORT

TO: Sabrina B. Landreth
City Administrator

FROM: Andrew C. Peterson
Chief Information Officer

Anne E. Kirkpatrick
Chief of Police

SUBJECT: Purchase of OPD Body-Worn
Cameras

DATE: October 30, 2017

City Administrator Approval

Date:

11/2/17

RECOMMENDATION

Staff Recommends That City Council Adopt A Resolution Authorizing The City Administrator Or Designee To Negotiate And Enter Into A Contract With VIEVU LLC (VIEVU), The Vendor Selected From The Competitive Bidding Process, To Purchase New Body Worn Cameras (BWC), Related Hardware, And A Fully Hosted Digital Evidence Management Software Solution, Maintenance, Professional Services, And Training, For A Total Contract Cost Not To Exceed One Million Two Hundred Seventy-One Thousand Two Hundred Twenty One Dollars (\$1,271,221), For A Total Contract Period Of January 1, 2018 Through December 31, 2022.

EXECUTIVE SUMMARY

The Information Technology Department (ITD) and Oakland Police Department (OPD) have engaged in a thorough competitive procurement process to elicit and evaluate proposals for a new generation of Body Worn Cameras (BWC) for OPD sworn personnel. Through an exhaustive evaluation process, ITD and OPD have determined that VIEVU can offer the best product with the best pricing. The Request for Proposals (RFP) process generated their responses and also included evaluations of written proposals, reference reviews, on-site demonstrations and OPD field tests. VIEVU's proposed BWC system garnered the highest overall evaluation score. Staff now recommends negotiating and entering into a contract with VIEVU for the purchase of new BWCs, supporting equipment, and a video management system. A new contract with VIEVU will allow OPD to outfit all sworn personnel currently equipped with body-worn cameras and to receive upgraded BWC equipment.

OPD has exhausted its current fleet of BWCs and is in need of a new BWC contract; ITD and OPD can complete negotiations with VIEVU for a new contract by the end of 2017 should the

Item: _____
Public Safety Committee
November 14, 2017

City Council approve this resolution. OPD will no longer be able to replace broken BWCs, and furnish new officers with BWCs, without a new contract. OPD has identified funding to pay for the entire contract. No new funding is requested to enter contract negotiations with VIEVU.

BACKGROUND/LEGISLATIVE HISTORY

Currently OPD has 775 cameras; most of them are VIEVU LE3s. However, the inventory also includes a few of the older model LE2s from 2010 and 2011. The LE4s are the most modern BWCs currently owned by OPD. VIEVU has replaced LE2s with LE3s and some LE3s with LE4s over the years based upon OPD's prior VIEVU purchasing agreement. The Department currently relies upon an older version of VIEVU's video management system (VMS) software, which is maintained at City of Oakland facilities with HP servers and storage using Microsoft Server 2008 and a Microsoft SQL Server 2008 database.

On March 22, 2016, staff presented an informational report to the Public Safety Committee titled *Purchase of Additional Body Worn Cameras Supplemental*, which explained how the Department had exhausted its supply of BWCs due to normal use, damage due to the physical nature of police work, and increased staffing. OPD no longer has spare BWCs for new officers and will not be able to replace damaged BWCs or provide them to new police officer trainees without a new BWC contract. The report detailed OPD's timeline for initiating an RFP in the context of other current ITD and OPD projects. The report also requested spending authority to purchase immediately needed BWCs and related equipment and technical support.

On April 12, 2016, OPD presented a report and resolution titled, *Purchase of Additional Body Worn Cameras Second Supplemental Report* which provided further detail and context to OPD's and ITD's BWC RFP timeline, as well as the request for immediate BWCs and related equipment and technical support. On April 19, 2016, the City Council adopted Resolution No. 86130 C.M.S., which authorized OPD to purchase \$32,500 in VIEVU-brand equipment from Adamson Products (official retailer of VIEVU) as well as \$100,000 in technical support from VIEVU.

On August 23, 2016, the City Administrator approved up to \$50,000 to repair or replace existing VIEVU-brand BWCs under Ordinance No. 13380 C.M.S., approved on July 26, 2016.

OPD and ITD began the initial RFP process in June 2016. The outcome of that competitive procurement process is detailed below.

ANALYSIS AND POLICY ALTERNATIVES

The current BWC system purchased from VIEVU has various components purchased at different times since OPD's initial deployment in 2010. OPD's VIEVU system has provided an effective solution for ensuring the recording of police functions. However, OPD has been aware

Item: _____
Public Safety Committee
November 14, 2017

that the body-worn camera and video storage industry has continued to evolve with newer technology. Therefore, ITD and OPD embarked upon a thorough RFP process to ensure that the City identifies the best system that keeps pace with evolving needs and the evolution in technology and market trends.

The City received proposals from four vendors: Motorola Solutions, Inc.; Taser/Axon International, Inc. (Taser); Point Blank Enterprises, Inc. and VIEVU, LLC (VIEVU). The Body Worn Camera RFP process involved demonstrations and field trials in addition to full pricing proposals. Through a rigorous scoring matrix including proposed solution, product demonstration, company experience, references, customer support, and price, two of the three vendors (Taser/Axon International, Inc. and VIEVU) demonstrated a complete BWC and video storage system that can serve OPD's policing documentation needs. However, VIEVU earned the highest overall score based on the RFP metrics in terms of usability, sound quality, and cost. During the process, Point Blank Enterprises, Inc. decided not to proceed. The system from Motorola Solutions, Inc. did not meet all the RFP basic criteria.

Field Demonstrations

Field demonstrations proved that BWCs from both Taser and VIEVU record with similar video quality. Video from both systems can be uploaded by docking cradle or cable directly to a computer. Both systems can add metadata and integrate with data from OPD's Computer Assisted Dispatch (CAD) system. However, the demonstrations showed that VIEVU cameras uploaded video data faster than Taser. Upload time impacts patrol officer time and thereby can significantly impact police operations. Therefore, VIEVU scored higher than Taser in terms of video file uploads.

Demonstrations showed that both BWC brands recorded ambient sounds and voices. Taser BWC recordings initially provided more clarity and natural sound upon immediate playback. However, the demonstrations showed that VIEVU BWCs record more total sound frequencies. More total sound will allow for more comprehensive forensic analysis through digital filtering. ITD and OPD scored VIEVU higher in sound quality because of this greater sound capture.

The various BWC cameras currently used by OPD are one or more generations behind the latest VIEVU systems (brand of OPD's current BWC fleet). The newer VIEVU BWCs provide many desirable features, such as:

- More rugged cameras capable of capturing higher quality video and audio;
- More feature-rich software to manage the captured video and audio, including categorizing it, automatically redacting it, providing management tools for sharing with authorized users and other authorized organizations (e.g., the District Attorney's Office); and
- A more capable, cloud-based storage platform.

RFP Cost Analysis

Cost analysis was a significant component of the RFP process. OPD only has finite fiscal resources which can be dedicated toward a new BWC system purchase. Taser's proposal was more than twice the cost of the VIEVU proposal. VIEVU's proposal includes less expensive cameras as well as less expensive annual fees for commensurate cloud-based video management system (VMS).

The prices in the VIEVU proposal are not final – ITD and OPD must negotiate with VIEVU on a number of items and terms based upon the preferred terms defined by the accompanying resolution. OPD hopes to refresh the BWCs with new models in a fourth year. Additional storage may also be required as OPD's overall BWC video footage expands. ITD and OPD expect that 8 to 11 terabytes (per month) will be needed for storage, but that quantity may need to be eventually increased if the City of Oakland chooses to record at high quality settings. Therefore, the proposed spending authority (detailed in the fiscal impact section below) includes a line-item for additional storage of the contract. The total cost to OPD may ultimately be less than the \$1,271,221 (full five years). The accompanying resolution authorizes a not-to-exceed spending authority. ITD and OPD will negotiate the best terms possible should the City Council approve this resolution.

ITD and OPD recognize that Taser's proprietary VMS (evidence.com) has many desirable features and that evidence.com is used by other agencies both locally and nationally. However, the RFP showed that the VIEVU VMS has a logical and very functional VMS that will service OPD's BWC VMS purposes.

Timeline for Implementing New Contract

ITD and OPD will begin to immediately negotiate all final terms with VIEVU if the City Council adopts the accompanying resolution. Staff would hope to then complete all negotiations and contracts by mid-December 2017 so that ITD can begin to implement the new VMS. Also, VIEVU can begin to ship new equipment to OPD by the beginning of 2018 with a new contract. ITD and OPD would begin deploying new LE5 cameras in the first quarter of 2018. ITD and OPD will start to migrate the video stored in the current on-site system to new cloud storage system in January – June 2018.

FISCAL IMPACT

A new complete BWC system with VMS will require new cameras and equipment as well as the VMS. The contract must also include license costs, warranty, training, and taxes. There may also be some unanticipated needs. Staff have therefore included allocations for extra storage and miscellaneous costs. The funding for this procurement has previously been identified as detailed below. Staff is not seeking any additional funds to move forward with a contract for the selected vendor.

The estimated cost associated with purchasing body worn cameras, related equipment and training for the next five years is provided below (Table 1). Estimated annual recurring cost associated with body worn camera software, storage is provided below (Table 2). Final pricing will be determined through negotiations with the vendor.

TABLE 1: Estimate of One-Time Setup & Replacement Costs

Equipment & Training	Purchase Period	One Time Setup Cost	One Time Refresh Cost	Five Year Total
800 Body Worn Cameras	Year 1 and 4	\$193,600	\$193,600	\$387,200
BWC Accessories	Year 1 and 4	\$6,720	\$6,720	\$13,440
BWC Docking Stations	Year 1 and 4	\$72,000	\$72,000	\$144,000
Equipment Shipping	Year 1 and 4	\$11,000	\$11,000	\$22,000
Training Field Staff	Year 1	\$12,000	0	\$12,000
Training Administration	Year 1	\$9,000	0	\$9,000
Taxes	Year 1 and 4	\$18,000	\$18,000	\$36,000
Miscellaneous	Year 1	\$27,581	0	\$27,581
Total		\$349,901	\$301,320	\$651,221

TABLE 2: Estimate of Recurring Annual Cost

Product/Service	Purchase Period	Annual Amount	Five Year Total
Software / Digital Evidence Management Solution	All Years	\$62,400	\$312,000
License	All Years	\$28,800	\$144,000
Warranty	All Years	\$20,800	\$104,000
Extra Storage	All Years	\$12,000	\$60,000
Total		\$124,000	\$620,000

Table 3: Total Cost Summary for Body Worn Camera

Table 1	Equipment & Training One-Time Setup & One Time refresh	\$651,221
Table 2	Annual Recurring Costs	\$620,000
GRAND TOTAL		\$1,271,221

No additional funds for this five-year project are being requested, and there is no impact to the general fund. Funding for this project will come from Federal Asset Forfeiture Project (1000775), State Asset Forfeiture Project (1000771), and the State COPS XIX Project (1001621), as detailed in the table below (Table 4).

TABLE 4: Funding

Fund Source	Org	Account	Project	Program	Amount
2912	106410	54919	1000775	PS01	\$500,000
2914	106410	54919	1000771	PS01	\$200,000
2158	106410	54919	1001621	PS01	\$571,221
Total					\$1,271,221

PUBLIC OUTREACH/INTEREST

This item did not require any additional public outreach other than the required posting on the City's website.

COORDINATION

This report was jointly developed between ITD and OPD, in consultation with the Budget Office and the Office of the City Attorney.

SUSTAINABLE OPPORTUNITIES

Economic: Where feasible, equipment purchases for this project will be made locally to help support the local economy. Additionally, the use of BWCs by the Police Department will help to ensure proper actions are carried out, thereby reducing costs associated with law suits associated with improper behavior.

Environmental: There are no environmental opportunities associated with this report.

Item: _____
 Public Safety Committee
 November 14, 2017

Social Equity: Where feasible, purchases for equipment will be made locally to support the local economy. BWCs help to ensure that OPD personnel record police-public interactions, thereby providing both officers and citizens with a video and audio record of such interactions. Video evidence helps OPD evaluate interactions and support the highest levels of constitutional policing. All Oakland residents and visitors benefit from this commitment to the highest levels of integrity and transparency.

ACTION REQUESTED OF THE CITY COUNCIL

Staff Recommends That City Council Adopt A Resolution Authorizing The City Administrator Or Designee To Negotiate And Enter Into A Contract With VIEVU LLC (VIEVU), The Vendor Selected From The Competitive Bidding Process, To Purchase New Body Worn Cameras (BWC), Related Hardware, And A Fully Hosted Digital Evidence Management Software Solution, Maintenance, Professional Services, Training, For A Total Contract Cost Not To Exceed One Million Two Hundred Seventy-One Thousand Two Hundred Twenty One Dollars (\$1,271,221), For A Total Contract Period Of January 1, 2018 Through December 31, 2022.

For questions regarding this report, please contact Captain Paul Figueroa at (510) 238-7183 or pfigueroa@oaklandnet.com or Brian (Tino) Granados at (510) 238-6407 or bgranados@oaklandnet.com.

Respectfully submitted,



ANDREW C. PETERSON
Chief Information Officer
Information Technology Department



ANNE E. KIRKPATRICK
Chief of Police
Oakland Police Department

Reviewed by:

Captain Paul Figueroa,
Oakland Police Department

Bruce Stoffmacher, Legislation Manager
Oakland Police Department

Cynthia Perkins, Chief of Staff
Information Technology Department

Prepared by:

Kirke Curtis, Project Manager
Information Technology Department

Brian "Tino" Granados Project Manager
Information Technology Department

FILED
OFFICE OF THE CITY CLERK
OAKLAND

2017 NOV -2 PM OAKLAND CITY COUNCIL

Approved as to Form and Legality


City Attorney

RESOLUTION No. _____ C.M.S.

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR OR DESIGNEE TO NEGOTIATE AND ENTER INTO A CONTRACT WITH VIEVU LLC (VIEVU), THE VENDOR SELECTED FROM THE COMPETITIVE BIDDING PROCESS, TO PURCHASE NEW BODY WORN CAMERAS (BWC), RELATED HARDWARE, AND A FULLY HOSTED DIGITAL EVIDENCE MANAGEMENT SOFTWARE SOLUTION, MAINTENANCE, PROFESSIONAL SERVICES, AND TRAINING, FOR A TOTAL CONTRACT COST NOT TO EXCEED ONE MILLION TWO HUNDRED SEVENTY-ONE THOUSAND TWO HUNDRED TWENTY-ONE DOLLARS (\$1,271,221), FOR A TOTAL CONTRACT PERIOD OF JANUARY 1, 2018 THROUGH DECEMBER 31, 2022

WHEREAS, Body Worn Cameras (BWC) allow police officers to record all activity occurring during police activity so that an unbiased record of events is maintained; and

WHEREAS, the use of BWCs [also known as Personal Digital Recording Devices (PDRD)] allows Oakland Police Department (OPD) officers to document interactions with the public as officers conduct all manner of policing operations; and

WHEREAS, BWCs create evidence that is useful in examining police conduct and policing protocols; and

WHEREAS, BWCs offer the potential to increase accountability, reduce complaints, and increase trust between the police and the public; and

WHEREAS, the Oakland City Council and residents of Oakland expect the Oakland Police Department to maintain its ability to protect and preserve evidence associated police activity; and

WHEREAS, OPD has been a national leader in the evolution of BWC-use among police agencies; and

WHEREAS, OPD began using VIEVU-brand BWCs, along with a VIEVU video storage management system, beginning in 2010; and

WHEREAS, on April 14, 2016, the City Council approved Resolution No. 86130 C.M.S., which authorized the purchase of 25 VIEVU brand BWCs for \$22,500 as well as \$10,000 in related

equipment from Adamson Police Products (the licensed seller of VIEVU products), as well as \$100,000 in technical support from VIEVU; and

WHEREAS, on August 23, 2016, the City Administrator approved up to \$50,000 to repair or replace existing VIEVU-brand BWCs under Ordinance No. 13380 C.M.S., approved on July 26, 2016; and

WHEREAS, OPD's current fleet of LE2, LE3, and LE4 VIEVU cameras are now several years old, and the digital camera, video storage, and software industries continue to evolve and innovate; and

WHEREAS, Information Technology Department (ITD) and OPD initiated a Request for Proposal (RFP) process in June 2016 in preparation to choose a vendor that can provide OPD with a fleet of cameras and related video storage management solution; and

WHEREAS, the City received proposals from four vendors: Motorola Solutions, Inc.; Taser/Axon International, Inc; Point Blank Enterprises and VIEVU.; and

WHEREAS, through a rigorous scoring matrix including proposed solution, product demonstration, company experience, references, customer support, and price, VIEVU- received the highest overall score; and

WHEREAS, VIEVU manufactures body-worn cameras that are considered among the best in law enforcement and their new LE5 LITE BWC is a lightweight, rugged, and weatherproof modern BWC with many modern desirable features; and

WHEREAS, VIEVU's Digital Evidence Management Solution provides a secure and user-friendly interface built with law-enforcement security data compliance protocols; and

WHEREAS, Oakland Municipal Code (OMC) section 2.04.020.B requires Council approval of contracts for technology-related professional products or goods in excess of \$50,000: therefore, be it

RESOLVED: That the City Administrator or designee is authorized to negotiate and enter into a contract with VIEVU LLC, the vendor selected from the competitive bidding process, to purchase new Body Worn Cameras (BWC), related hardware, and a fully hosted digital evidence management software solution, maintenance, professional services, and training for a total contract cost not to exceed one million two hundred seventy one thousand two hundred twenty-one dollars (\$1,271,221) for a total contract period of January 1, 2018 through December 31, 2022; and be it

FURTHER RESOLVED: That the purchase from VIEVU shall be paid from the following funding sources: \$500,000 from the Federal Asset Forfeiture Fund, Police Information Technology Org (106410), Contracts Account (54919), Agency-wide Program (PS01), and Federal Asset Forfeiture Project (1000775); \$200,000 from the State Asset Forfeiture Project Fund, Police Information Technology Org (106410), Contracts Account (54919), Agency-wide Program (PS01), and State Asset Forfeiture Project (1000771); and \$571,221 from the State COPS XIX Fund, Police Information Technology Org (106410), Contracts Account (54919), Agency-wide Program (PS01), and State COPS XIX Project (1001621);

FURTHER RESOLVED: That the City Administrator or designee is authorized to complete all negotiations, certifications, assurances and documentation required to accept, modify, extend, and/or amend the proposed agreement except for any increases in the total costs, or contract duration, set forth herein, without returning to City Council; and be it

FURTHER RESOLVED: That the City Attorney shall approve the proposed agreements and contract terms as to form and legality; and be it

FURTHER RESOLVED: That the City Administrator or her designee shall place a copy of the fully executed agreements on file with the Office of the City Clerk.

IN COUNCIL, OAKLAND, CALIFORNIA, _____, 2017

PASSED BY THE FOLLOWING VOTE:

AYES – BROOKS, CAMPBELL WASHINGTON, GALLO, GIBSON MCELHANEY, GUILLEN, KALB, KAPLAN, AND PRESIDENT REID

NOES –

ABSENT –

ABSTENTION –

ATTEST: _____
LaTonda Simmons
City Clerk and Clerk of the
Council
of the City of Oakland,
California