

EXHIBIT B: SCOPE OF WORK AND TECHNICAL REQUIREMENTS

A.1 SCOPE:

The Denver Police Department (DPD) requires a cloud hosted, flexible, reliable and weather resistant, body worn video camera system, for a department of 1450 sworn officers. This camera is to be simple to use and have the capability to store all recorded video evidence in a Criminal Justice Information System (CJIS) compliant cloud environment.

The DPD will assign each officer a complete camera system. It is to have the ability to record video segments with at least a 30 second video only buffer and then tag each video segment in the field. The resulting recorded video is to have the ability of being viewed with a wireless mobile device in the field, on the Mobile Data Terminal (MDT) computer in their assigned patrol vehicle, and on department computers. At the end of each shift, officers are to place the camera and any related battery device in a dock that will automatically upload the video and recharge the battery.

The vendor will provide a cloud hosted solution that will allow the review and management of video using a web browser on any computer with Internet access. With the capability to place all case specific stored video in a case folder that can be shared with personnel inside and outside the agency for a limited time, as approved by the City. The agency personnel must have Administrator functionality that can control access, assign access capabilities, including the ability to prevent recipients of shared video from downloading the video from the repository.

The vendor will support all officer assigned body worn camera hardware by relying on a predefined inventory of spare parts that will be maintained by the vendor and managed by agency personnel.

The vendor must be responsive to the changing needs of the police department and must have a strong desire to continuously improve their hardware and hosted system capabilities.

A.2 BODY WORN CAMERA SYSTEM:

The body worn camera system shall have the following components and capabilities at minimum.

- Video playback on mobile devices in the field via Bluetooth pairing
- User ability to add case number, department specified categories and notes in the field
- Low Light capable camera sensitive to less than 1 lux, non artificial light source
- User adjustable audio tones to alert user of usage
- High (1080), medium (720), and low (640) quality recording available (configurable by the agency)
- Minimum 30-second buffering period to continuously record only video before pressing record button
- Multiple mounting options using attachment: head, collar, helmet, and eye glasses mount. (Capable of mounting camera on the left or right side, point of view video)
- Minimum 70 degree angle of view
- Minimum 12+ hours of battery operation per shift while in buffering mode
- Minimum 4 hours of total record time
- Indicator to show current battery level and operating mode
- IPX2 rated weather resistant system
- Minimum of 15 frames per second

- Ambidextrous design for left or right side mounting
- Full-color audiovisual capability
- Operating temperature range: -4° F to 122° F
- Constructed from impact resistant materials

Docking, Charging & Upload System

- Automated multi-device docking station uploads to CJIS compliant cloud storage through Internet connection at designated City locations.
- Docking station does not require a computer for secure upload to CJIS compliant cloud storage
- Charges batteries and uploads video simultaneously

Hardware

- A rechargeable lithium ion battery must be separate from the camera and officers must have the ability to easily change batteries in the field
- Ability to charge mobile viewing device in the field
- Battery recharge time from 0% to full in less than 6 hours

Officer Kit Components

- Collar Support Bar and Mount
- Mobile Viewer Wall Charger
- Universal Magnetic Clip
- Battery Wall Charger
- Epaulette Mount
- Sunglasses Mount
- Headband Mount
- Battery Holster with Metal Belt Clips
- Controller Unit with LED indicator, power switch and record control button
- Hand held mobile viewer unit
- Camera unit with magnet mount
- Accessory Cables
- Carry Case
- User Manual

A.3 DATA MANAGEMENT SYSTEM:

The data management system shall possess the following attributes/ characteristics / abilities at minimum. The system shall be intuitive to a myriad of users and be specifically designed for video evidence data storage.

- Vendor hosted data management system that allows the sharing of digital evidence electronically
- Ability to share video evidence with users outside the agency, as approved by The City & County of Denver, via email and limited to a user defined time frame
- Ability to share video evidence with groups containing at least 150 individuals
- Ability to manage deletion privileges, to include auditing capability

- No local storage required or software necessary with browser based access
- Controlled access to evidence: agency-defined roles and permissions, agency-defined users, and passwords, all completely customizable by the agency
- User configurable category-based evidence retention policies for automated database video purging management
- Ability to recover purged and/or otherwise deleted evidence within a minimum of 7 days after deletion
- Requires no proprietary file formats or software to view video, capable of working on any software browser based access
- All evidence must be stored in a CJIS compliant environment
- Minimum 256-bit AES encryption in storage and transport
- Storage includes geo-dispersed redundant back-up
- Reporting capability allowing automatic tracking of user/device / system activity
- Generates real-time Audit Reports in PDF format to show chain-of-custody for evidence
- Generates user specified time-frame audit reports in PDF, CSV, and RTF format to show overall data usage, individual officer data usage and uploads
- Case creation for multiple evidence files
- Create tags, markers and clips without altering the original video segment
- Multiple indexing fields
- Minimum of 6 searchable fields in addition to category-based fields
- User defined search fields based upon current law enforcement business practices
- Tracking system reports and maintains the metadata on all video that was deleted
- Automated vendor firmware / software / hardware updates seamlessly to devices

Mobile Application

- Free app for iOS and Android mobile devices
- Ability to view battery charge and remaining storage capacity.
- Allows user to view the live camera feed from camera
- Allows for playback of videos stored on camera
- Allows adding meta-data to videos, such as but not limited to: Category, Title, Case ID, and GPS data

Customizable Services

- Integration services with other City systems to include other governmental partners as determined by City Technology Services; Denver District Attorney; City Attorney's Office

A.4 CUSTOMER / TECHNICAL SUPPORT:

- Online, email-based and phone-based support available 24/7/365
- Remote-location troubleshooting

A.5 MODEL CONFIGURATIONS:

For all items listed herein, should a hardware model number and/or configuration become unavailable during the life of the contract, vendor must provide a replacement configuration that is equal to or better than the original configuration contained in the quotation at no additional cost to the City.

The City reserves the right to request sufficient samples for testing from the vendor to determine proposed upgrade meets the needs of the City and County of Denver. The samples will be tested and trialed; however upon completion of said evaluation may be returned to the vendor.

A.6 SPARE PARTS INVENTORY:

The vendor is responsible for supplying a sufficient level of critical spare inventory (defined as: camera, batteries, cords, docks, subject to change) on City / DPD site in order to insure continuity of service and sustainability of all covered equipment. An initial list of critical equipment will be provided by the Vendor, upon contract execution, and agreed to by the Denver Police Department Body Camera System Coordinator. The Vendor will need to change the list of critical equipment, as necessary during the term of the contract, in order to ensure system compatibility, continuity and sustainability. The Vendor will communicate, in writing to the DPD System Coordinator, any significant recommended changes to the list.

Vendor will replace discontinued parts with new system equipment that is compatible with currently available models; at no additional cost to the City. Repair or replacement parts for existing equipment may be accomplished by the Vendor using other than original equipment manufacturers (OEM) new parts. However, all parts or equipment furnished must equal or exceed that of the original equipment manufacturer(s) and be approved by the Denver Police Department.

Vendor will have 30-days from system go live to provide the critical equipment onsite. This inventory will include the assignment to each camera a unique name identifier that will be utilized in Software Mgt system to insure consistent tracking and reporting. Vendor will work with the Body Cam System Coordinator to determine the naming convention to be used.

A.7 WARRANTY MANAGEMENT:

All products will be warranted for a minimum of one year of receipt. Vendor to offer additional extended warranty and pricing annually for the life of the contract. Vendor shall track, manage, and administer all warranty related defects, exchanges, and replacements during the term of this agreement. Vendor shall pay all shipping/freight expenses related to exchange or purchase of equipment under warranty.

Vendor shall also offer a Buy Back / Upgrade Program. This program is to be designed in conjunction with AND independent of Extended Warranty option.

Warranty work shall be accomplished within an appropriate length of time (generally less than 7 working days for everything) and shall be coordinated with an authorized DPD representative. If the repair requires longer than 7 working days, or is critical equipment, it is expected the vendor shall provide a 'loaner' until such time the repairs are completed and the equipment is returned.

Loaner program with OVERNIGHT shipment for critical equipment, is currently defined as camera; viewer; battery; dock.

During the entire warranty period, if the unit requires transportation to a repair facility, the vendor/sub-vendors shall be responsible for all transportation at "NO COST" to the City and County of Denver. This includes transporting the unit back to the City's domicile location after repairs are complete.

A.8 TRAINING:

Systems operations and administration training will be provided to City identified personnel on an annual basis, or as necessary due to software changes / upgrades. Training shall be a train the trainer program and may consist of webinar's; handbook(s), etc.

A.9 REPORTING:

Vendor shall assist and train designated authorized City & County of Denver personnel on reporting to include, but not limited to usage and storage of equipment; usage and storage of software from an individual basis to myriad of custom grouping as determined by DPD. Also invoice / asset control type reporting such as: purchasing quantities and serial numbers for cameras and hardware not otherwise accessible through software solution.

A.10 PRODUCT/PERFORMANCE LITERATURE:

The vendor will be required to furnish manuals and parts books on items proposed.

A.11 REPAIR AND REPLACEMENT:

Repair or replacement parts for existing equipment may be accomplished by the vendor using other than original equipment manufacturers (OEM) parts. However, all parts or equipment furnished must equal or exceed that of the original equipment manufacturer(s).

All repair and/or replacement items provided by vendor shall be equal in all respects to original equipment and completely interchangeable.

A.12 TERM:

The effective period of the Contractual Agreement shall be a minimum of Five (5) Years from date of City Signature.

A.13 COOPERATIVE PURCHASING:

The City and County of Denver encourages and participates in cooperative purchasing endeavors undertaken by or on behalf of other governmental jurisdictions, pursuant to Denver Revised Municipal Code Sec. 20-64.5. To the extent other governmental jurisdictions are legally able to participate in cooperative purchasing endeavors, the City and County of Denver supports such cooperative activities. Further, it is a specific requirement of this contract that pricing offered herein to the City and County of Denver may be offered by the vendor to any other governmental jurisdiction purchasing the same products.

The vendor must deal directly with any governmental agency concerning the placement of purchase orders, freight charges for destinations outside of the Denver Metro area, contractual disputes, invoicing, and payment. The City and County of Denver shall not be liable for any costs, damages incurred by any other entity.

A.14 DELIVERY CONSIDERATIONS:

When a date is set for the delivery of merchandise or the performance of work, said merchandise must be delivered or work performed in accordance with the specifications or description herein contained on or before said date, or the order to the delinquent party may be cancelled and awarded to the next lowest vendor. In such case, the City and County will have the right to buy such articles at market prices for immediate delivery, and an excess in cost of same over price named hereon is to be paid by the vendor under this contract, or deducted from any money due or hereafter coming to him.

A.15 F.O.B. POINT:

All prices quoted must be quoted at a firm price F.O.B. Denver, Colorado, delivered to Denver, CO.

A.16 VENDOR PERFORMANCE MANAGEMENT:

The Purchasing Department may administer a vendor performance management program as part this contract. The purpose of this program is to create a method for documenting and advising the Purchasing Department of exceptional performance or any problems related to the purchased goods and services.

EXHIBIT B: PRICING / ITEMS

A.17 ESTIMATED QUANTITIES:

Quantities listed are the City and County of Denver's best estimate and do not obligate the Buyer to order or accept more than City and County of Denver's actual requirements during the period of this agreement, as determined by actual needs and availability of appropriated funds. It is expressly understood and agreed that the resulting contract is to supply the City with its complete actual requirement of the materials specified in this contract for the contract period. The contract is estimated on a quantity of 800.

A.18 PRICING:

All prices quoted shall be firm and fixed for the specified contract period.