

DATE: June 8, 2021

TO: 911 Emergency Response Advisory Committee

FROM: Blaine Beard, Lieutenant Administrative Bureau / Communications Center
Telephone: (775) 789-5415, Email: bbeard@washoecounty.us

THROUGH: Darin Balaam, Washoe County Sheriff
Telephone: (775) 328-3010, Email: DBalaam@washoecounty.us

SUBJECT: RECOMMENDATION TO APPROVE REIMBURSEMENT for the funding associated with the fiscal year four costs associated with the Joinder Contract authorizing in-car video cameras, related supplies, and maintenance through the established Joinder Contract with the State of Nevada. Estimated FY21/22 expenditures are [\$96,480.00] per year four of the existing contract pricing, effective upon Board approval through April 1, 2023. FOR POSSIBLE ACTION.

SUMMARY:

The 79th Nevada Legislature passed Senate Bill 176 (SB 176), which requires uniformed peace officers employed by a law enforcement agency and who were in routine contact with the public to wear a body worn camera (hereinafter BWC) device effective July 1, 2018. In compliance with the “Washoe County Board of County Commissioners’ Policy” adopted January 16, 2018, the City of Reno, City of Sparks and Washoe County have mutually agreed upon equipment from Axon Enterprise, Inc., to provide BWC’s for the region. The initial term of the Joinder Contract shall be from April 2, 2018, through April 1, 2023.

In order to integrate the technological advances of cloud storage and video evidence the purchase of (60) Axon Fleet II in car video kits, associated equipment, and installation is necessary. This technology will have the ability to pair BWC video with In-Car video simultaneously thereby giving prosecution, defense, and jury a well-rounded view of the facts and circumstances known to the officer at the time of contact. These cameras will provide accountability to the public we serve and hold our officers accountable for their actions in the field. This investment protects the county and the public by providing an independent account of events. Due to the infrastructure purchased in Phase I of this plan, the Wi-Fi access points, servers, are already up and configured to off-load data upon installation at Sheriff’s Office locations in North/South Reno, Incline Village, and Gerlach. This purchase is Phase II of the BWC / In-Fleet video integration effectively streamlining video evidence and distribution to our partners with the Washoe County Public Defender’s Office and the Washoe County District Attorney’s Office. Cases can now be built electronically and sent via digital links and access point eliminating the need for consumable rewritable DVD’s and storage.

Washoe County Strategic Objective supported by this item: Safe, Secure and healthy Communities.

BACKGROUND

In 2017, the 79th Nevada Legislature passed Senate Bill 176 (SB 176), which requires uniformed peace officers employed by a law enforcement agency and who are in routine contact with the public to wear a BWC device effective July 1, 2018. The Washoe County Sheriff's Office successfully deployed a BWC program on Monday June 11, 2018, three weeks ahead of the State of Nevada statutory mandate in accordance with law.

The Administrative Bureau has been working in conjunction with the Equipment Services Division and Washoe County Tech Services in order to ensure the correct infrastructure is in place in new vehicle builds, as well. This will ensure for a more seamless transition. The recommended configuration for the Axon Fleet II in-car video is to be run through the Panasonic CF-31 Toughbook Computer, with a CradlePoint IBR900 router. A T&E was successfully performed on Tuesday February 12, 2019, on an in-service vehicle. Running the camera through the computer system is a far safer option for our officers as it keeps the front window clear of obstructions and distractions.

The State of Nevada has significantly greater volume purchasing discounts than those that may be offered to Washoe County. Pursuant to *NRS 332.195 Joinder or mutual use of contracts by governmental entities*, Washoe County may join or use the contracts of local governments located within or outside this State with the authorization of the contracting vendor. Axon Enterprise, Inc., is a current vendor under the State of Nevada award; the vendor has been notified and agrees to provide Axon Fleet II in-car video cameras and related equipment to Washoe County in accordance with the pricing agreement of the State of Nevada. The estimated expenditures are \$678,190.30 not to exceed \$800,000 per the 5-year contract term.

PREVIOUS ACTION

On March 12, 2019, the BCC authorized a Joinder Contract to purchase Axon Fleet II in-car video and related supplies through the State of Nevada "3273 – Contract for Services of Independent Contractor" awarded to Axon Enterprise, Inc. (formerly Taser International), 17800 N. 85th St, Scottsdale, AZ, 85255. Estimated expenditures are [\$678,190.30 not to exceed \$800,000] per the contract term. Authorizing Purchasing and Contractors Manager to execute all relevant contract documents and agreements.

FISCAL IMPACT

This award was for Axon Fleet II in-car video, related supplies, and installation in the amount of \$678,190.30 not to exceed \$800,000 per the 5-year contract term. The fiscal year costs for the contract term will be FY19-\$292,270.30, FY20-\$96,480.00, FY21-\$96,480.00, FY22-\$96,480.00 and FY23-\$96,480.00.

Under Senate Bill 176 of the 79th Legislative Session of the State of Nevada these additional expenses are reimbursable, and the intent is to seek reimbursement for these expenses through the 911 Emergency Response Advisory Committee on March 21, 2019.

An internal order of [60594-WCSO E911 Billable] has been established through the comptroller's officer in order to track the expenditures, and reimbursements of this project over the 5-year contract term.

RECOMMENDATION

It is recommended to approve the funding associated with the fiscal year four costs associated with the Joinder Contract authorizing in-car video cameras, related supplies, and maintenance through the established Joinder Contract with the State of Nevada. Estimated FY21/22 expenditures are [\$96,480.00] per year four of the existing contract pricing, effective upon Board approval through April 1, 2023.”

POSSIBLE MOTION

Should the Board agree with the staff's recommendation, a possible motion would be: “Move to approve the funding associated with the fiscal year four costs associated with the Joinder Contract authorizing in-car video cameras, related supplies, and maintenance through the established Joinder Contract with the State of Nevada. Estimated FY21/22 expenditures are [\$96,480.00] per year four of the existing contract pricing, effective upon Board approval through April 1, 2023.”



Axon Enterprise, Inc.
 17800 N 85th St.
 Scottsdale, Arizona 85255
 United States
 Phone: (800) 978-2737

Q-198959-43490.978MH

Issued: 01/25/2019

Quote Expiration: 03/01/2019

Account Number: 106569

Start Date: 04/01/2019
 Payment Terms: Net 30
 Delivery Method: Fedex - Ground

SALES REPRESENTATIVE

Megan Hardisty
 Phone: 480-253-7854
 Email: mhardisty@axon.com
 Fax:

PRIMARY CONTACT

Corey Solferino
 Phone: (775) 321-4948
 Email: csolferino@washoecounty.us

SHIP TO

Corey Solferino
 Washoe County Sheriff's Office - NV
 911 Parr Boulevard
 Reno, NV 89512
 US

BILL TO

Washoe County Sheriff's Office - NV
 P.O. BOX 11130
 Reno, NV 89520
 US

Year 1

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80156	FLEET 2 UNLIMITED PACKAGE: YEAR 1 PAYMENT	60	1,548.00	1,238.40	74,304.00
Hardware					
71088	AXON FLEET 2 KIT	60	1,560.00	1,560.00	93,600.00
80192	5 YEAR TAP, FLEET 2 KIT	60	0.00	0.00	0.00
74110	CABLE, CAT6 ETHERNET 25 FT, FLEET	60	15.00	15.00	900.00
Other					
Customer Provided Server	This is a placeholder item for the WOS bundles which allows reps to indicate that a customer is providing their own server hardware.	6	0.00	0.00	0.00
Services					
80131	TRAIN INSTALLER OR INSTALLATION FACILITY, PER DAY, PER SITE	2	6,000.00	3,000.00	6,000.00
WiFi Offload					
71039	WI-FI OFFLOAD, SOFTWARE LICENSE	6	600.00	600.00	3,600.00
74067	WI-FI OFFLOAD SOFTWARE MAINT, YEAR 1 PAYMENT	6	0.00	0.00	0.00
Subtotal					178,404.00
Estimated Shipping					0.00
Estimated Tax					0.00
Total					178,404.00

Year 2

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80157	FLEET 2 UNLIMITED PACKAGE: YEAR 2 PAYMENT	60	1,548.00	1,548.00	92,880.00
WiFi Offload					
74068	WI-FI OFFLOAD SOFTWARE MAINT, YEAR 2 PAYMENT	6	600.00	600.00	3,600.00
Subtotal					96,480.00
Estimated Tax					0.00
Total					96,480.00

Year 3

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80158	FLEET 2 UNLIMITED PACKAGE: YEAR 3 PAYMENT	60	1,548.00	1,548.00	92,880.00
WiFi Offload					
74069	WI-FI OFFLOAD SOFTWARE MAINT, YEAR 3 PAYMENT	6	600.00	600.00	3,600.00
Subtotal					96,480.00
Estimated Tax					0.00
Total					96,480.00

Year 4

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80159	FLEET 2 UNLIMITED PACKAGE: YEAR 4 PAYMENT	60	1,548.00	1,548.00	92,880.00
WiFi Offload					
74070	WI-FI OFFLOAD SOFTWARE MAINT, YEAR 4 PAYMENT	6	600.00	600.00	3,600.00
Subtotal					96,480.00
Estimated Tax					0.00
Total					96,480.00

Year 5

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80160	FLEET 2 UNLIMITED PACKAGE: YEAR 5 PAYMENT	60	1,548.00	1,548.00	92,880.00
WiFi Offload					
74071	WI-FI OFFLOAD SOFTWARE MAINT, YEAR 5 PAYMENT	6	600.00	600.00	3,600.00
				Subtotal	96,480.00
				Estimated Tax	0.00
				Total	96,480.00
Grand Total					564,324.00



Discounts (USD)

Quote Expiration: 03/01/2019

List Amount	588,900.00
Discounts	24,576.00
Total	564,324.00

**Total excludes applicable taxes and shipping*

Summary of Payments

Payment	Amount (USD)
Year 1	178,404.00
Year 2	96,480.00
Year 3	96,480.00
Year 4	96,480.00
Year 5	96,480.00
Grand Total	564,324.00

STATEMENT OF WORK & CONFIGURATION DOCUMENT

Axon Fleet In-Car Recording Platform

This document details a proposed system design

Agency Created For: Washoe County Sheriff's Office - NV

Quote: Q-198959-43490.978MH

Sold By:	Megan Hardisty
Designed By:	Jason South
Installed By:	Customer
Target Install Date:	

VEHICLE OVERVIEW

SITE NAME	CUSTOMER NAME	
Headquarters	Washoe County Sheriff's Office - NV	
<p>Total Configured Vehicles</p> <ul style="list-style-type: none"> • 60 Total Vehicles with this Configuration <p>Video Capture Sources</p> <ul style="list-style-type: none"> • 120 Total Cameras Deployed • 1 Axon Signal Unit(s) Per Vehicle <p>Mobile Data Terminal Per Vehicle</p> <ul style="list-style-type: none"> • 1 Located In Each Vehicle <p>Mobile Router Per Vehicle</p> <ul style="list-style-type: none"> • 1 Cradlepoint IBR900 Series <p>Offload Mechanism</p> <ul style="list-style-type: none"> • Wi-Fi <p>Evidence Management System</p> <ul style="list-style-type: none"> • Evidence.com 		 Axon Camera  Signal Unit  In-Car Router  Battery Box

SYSTEM CONFIGURATION DETAILS

The following sections detail the configuration of the Axon Fleet In-Car System

Vehicle Hardware

Vehicle Hardware	2	Axon Fleet Cameras will be installed in each vehicle
	2	Axon Fleet Battery Boxes will be installed in each vehicle
	1	Axon Signal Units will be installed in each vehicle
	1	Cradlepoint IBR900 Series router will be installed in each vehicle
Axon Battery Boxes	The battery box provides power to its connected camera for up to 4 hours allowing for video offload while the vehicle ignition state is OFF and the MDT is connected and available.	
Signal Activation Methods	When triggered, the Axon Signal Vehicle (ASV) device will activate the recording mechanism for all configured Axon cameras within 30 feet of the vehicle.	
Mobile Data Terminal	Each vehicle will be equipped with a Mobile Data Terminal provided by the customer.	
Mobile Data Terminal Requirements	<p>Operating System: Windows 7 or Windows 10 - x32 or x64 with the most current service packs and updates</p> <p>Hard Drive: Must have 25GB+ of free disk space</p> <p>RAM/Memory: Windows 7 - 4GB or greater Windows 10 - 8GB or greater</p> <p>Ethernet Port: The system requires the MDT to have one dedicated and available Ethernet port reserved for an Ethernet cable from router. The Ethernet port can be located on an electronic and stationary mobile docking station. If a docking station is used, it is the preferred location for the Ethernet port.</p> <p>Wi-Fi Card: The system requires an 802.11n compatible Wi-Fi card using 5Ghz band.</p> <p>USB Ports: If the computer is assigned to the officer and does not remain with the vehicle, then the number dongles ordered should equal the number of officers or the number of computers assigned. At least one dedicated and available USB 2.0 port for the Fleet USB dongle USB Port on MDT or Dock.</p>	

Additional Considerations	If the customer has a MiFi hotspot, embedded cellular, or USB 4G, then the customer must purchase a Cradlepoint router with an external antenna and Cradlecare. For agencies that use NetMotion Mobility, Axon traffic must be passed through; such that it does not use the Mobility VPN tunnel. Customer must provide IT and / or Admin resources at time of installation to ensure data routing if functional for Axon Fleet operation.	
	In the event an Agency is unable to support the IT requirements associated with the installation, Axon reserves the right to charge the Agency for additional time associated with on-site work completed by an Axon Employee.	
Hardware Provisioning	Customer will provide the following router for all vehicles:	Cradlepoint IBR900 Series
	The customer will provide a MDT for each vehicle	

In-Car Network Considerations

Network Requirements	Cradlepoint IBR900 Series will create a dedicated 5Ghz WiFi network within each vehicle. This network will join the Axon Fleet cameras and Mobile Data Terminal together.		
Network Addressing	IP Addressing		Total IPs Required
	Axon Fleet Cameras	120	240
	Mobile Data Terminal	60	
	Cradlepoint IBR900 Series	60	
Hardware Provisioning	Customer to provide all IP addressing and applicable network information		

Network Consideration Agreement

Network Consideration Agreement	Customer acknowledges the minimum requirements for the network to support this Statement of Work.
	All Axon employees performing services under this SOW are CJIS certified.
	If the network provided by Customer does not meet the minimum requirements, or in the event of a requested change in scope of the project, a Change Order will be required and additional fees may apply. Additional fees would also apply if Axon is required to extend the installation time for reasons caused by the customer or the customer network accessibility.

Professional Services & Training

<p>Project Management</p>	<p>Axon will assign a Project Manager that will provide the expertise to execute a successful Fleet camera deployment and implementation. The Project Manager will have knowledge and experience with all phases of the project management lifecycle and with all application modules being implemented. He/she will work closely with the customer's project manager and project team members and will be responsible for completing the tasks required to meet all contract deliverables.</p>
<p>Vehicle Installation</p>	<p>Customer will be performing the installation of all Axon Fleet vehicle hardware. Installation services purchased from Axon include a "clip" and removal of existing in-car system hardware. This does not include "full removal" of existing wiring. A "full removal" of all existing hardware and wiring is subject to additional fees. Axon provides basic Fleet operation overview to the customer lead and/or Admin at the time of install.</p> <p>Clip vs Rip installation removal:</p> <ul style="list-style-type: none"> ○ It is necessary to differentiate between the type of equipment removal to be provided by Axon. Standard Fleet Installation includes hardware removal in a fashion considered "Clip" which means Axon cuts the wires from the old system without removing multiple panels, removing all wiring and parts from the old system. In the case Axon removes the hardware Axon is not responsible for the surplus of hardware or any devices that may have been physically integrated with the removed system. In some situations, radar systems are integrated with the in-car video system and have a cable that connects to the system, if Axon removes the old in car system then Axon is not responsible for the radar system as part of the removal. ○ A "Rip" removal should be contracted through ProLogic directly. The Rip would be similar to a complete and full removal, which is more common when they retire a vehicle from service.
<p>Custom Trigger Installation</p>	<p>Axon Signal Units have multiple trigger configuration options. Any trigger configurations that include a door or magnetic door switch are considered "custom" and may be subject to additional fees. An Axon representative has discussed with the Agency the standard triggers of the Fleet System. Those standard triggers include light-bar activation, speed, crash and gun-locks. The light-bar must have a controller to allow Axon to interface for the desired position, gun-locks must be installed with existing hardware in the vehicle. Doors are considered "CUSTOM" since they required additional hardware and time for installation, typically requiring the door may need to be taken apart for the installation.</p>
<p>Training</p>	<p>End-user go-live training provides individual device set up and configuration assistance, training on device use, Evidence.com and AXON View XL. End-user go-live training and support is not included in the installation fee scope.</p>

WiFi Offload Considerations

WiFi Offload Standards	There will be a maximum of 30 concurrent vehicles offloading at any given time.
	4 servers are required to facilitate the offload of in-car data to Evidence.com
	6 wireless access point(s) are required to facilitate the offload of data to Evidence.com
	When in proximity, the Cradlepoint IBR900 Series will connect to the agency's wireless access point(s) and initiate the upload of recorded video content
	Axon will not assume any responsibility for the management of/or configuration of an Axon Fleet compatible 3rd party router purchased by the Agency
	Upon completion of solution connectivity, meaning Axon Fleet is operational and appropriately connected to the Agency's WAP/Network Infrastructure, the Agency will then assume responsibility for their network workflow.
	In the event the Agency has a VPN/APN, Axon requires the appropriate Administrator of the Agency be present during the entire installation of Fleet.
	In the event the Agency is using Wi-Fi Offload and a WOS server is being used, Axon requires the appropriate Administrator of the Agency be present for the installation of Fleet in the initial vehicle.
	Customer will provide all wireless access points for installation.
	Customer will provide all server(s) for this installation.
	Customer will provide the data switch for this installation.
	Customer will provide the server rack for this installation.
	Customer will provide the KVM, monitor and mouse for this installation.
	Customer will provide the Uninterruptible Power Supply (UPS) for this installation.
Servers will maintain a Sustained Disk Write Speed of Mbps.	
An Axon representative will provide the Agency detailed instructions for the WOS server setup and configuration (to include racking the server, setup of the server, and configuration of Axon WOS Software and Microsoft IIS Server). It is the responsibility of the Agency to ensure the WOS Server(s) are operational before the scheduled deployment date. Axon will provide remote assistance per the Agency's request.	

Network Considerations

Agency Provided Metrics	Camera Bitrate (see Comments)	7	Mbps	
	Shifts per Day	2	Shifts	
	Maximum Offline Time	1	Days	
	Hours Of video Recorded Per Shift	2	Hours	
	Number of Vehicles per Shift at Site	30	Vehicles	
	Max Concurrent Vehicles Offloading	30	Vehicles	
	Available Internet Upload Bandwidth	100	Mbps	
Variables	Vehicle Offload Time	60	Minutes	
	Wi-Fi Overhead	20	Percent	
	Network Protocol Overhead	20	Percent	
	Max Storage Utilization %	40	Percent	
Results	Data Size per Vehicle / Shift	6300	MB	

Network Considerations

Results	Required Throughput Per Verhicle	14	Mbps	
	Minimum Wi-Fi Speed	14	Mbps	
	Total Data per Shift	184.57	GB	
	Total Data per Day	369.14	GB	
	Total Offload Bandwidth	421	Mbps	
	Total Storage	92285.16	GB	
	Required Sustained Network Bandwidth	457	Mbps	
	Sustained Disk Write Speed	53	Mbps	
	Min. Supportable Throughput to E.com	35	Mbps	
	E.com Throughput Difference	65	Mbps	

Axon's Sales Terms and Conditions

This Quote is limited to and conditional upon your acceptance of the provisions set forth herein and Axon's Master Services and Purchasing Agreement (posted at www.axon.com/legal/sales-terms-and-conditions), as well as the attached Statement of Work (SOW) for Axon Fleet and/or Axon Interview Room purchase, if applicable. Any purchase order issued in response to this Quote is subject solely to the above referenced terms and conditions. By signing below, you represent that you are lawfully able to enter into contracts. If you are signing on behalf of an entity (including but not limited to the company, municipality, or government agency for whom you work), you represent to Axon that you have legal authority to bind that entity. If you do not have this authority, please do not sign this Quote.

Signature:	_____	Date:	_____
Name (Print):	_____	Title:	_____
PO# (Or write N/A):	_____		

Please sign and email to Megan Hardisty at mhardisty@axon.com or fax to

Thank you for being a valued Axon customer. For your convenience on your next order, please check out our online store buy.axon.com

Quote: Q-198959-43490.978MH

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Axon Enterprise, Inc.
 PO BOX 29661
 DEPARTMENT 2018
 PHOENIX, AZ 85038-9661
 Ph: (480) 991-0797
 Fax: (480) 991-0791
 AR@axon.com
 www.axon.com

Invoice

Invoice No SI-1722012
 Invoice Date 05-Mar-21
 Payment Term Net 30
 Payment Due Date 04-Apr-21
 Sales Order [SO210668173](#)
 Customer account [106569](#)
 Purchase Order **YR THREE BILLING**
 Customer reference

BILL TO:

WASHOE CO COMPTROLLER
 ACCOUNTS PAYABLE
 1001 E NINTH ST
 RM D-200
 RENO, NV 89512
 USA

SHIP TO:

WASHOE CO SHERIFF'S OFFICE ADMINISTRATION
 911 PARR BLVD
 RENO, NV 89512
 USA

Item number	Description	Quantity	Unit price	[USD]Amount
74068	WI-FI OFFLOAD SOFTWARE MAINT, YEAR 2 PAYMENT	6	600.00	3,600.00
80158	FLEET 2 UNLIMITED PACKAGE: YEAR 3 PAYMENT	60	1,548.00	92,880.00
85739	FLEET EVIDENCE.COM STORAGE, UNLIMITED	60	0.00	0.00

Please see <https://www.axon.com/legal/sales-terms-and-conditions> for all sales terms and conditions

Invoice Total	96,480.00
Shipping	0.00
Sales Tax	0.00
Total	96,480.00
Amount Received	0.00
BALANCE DUE	USD 96,480.00

Continued on next page

Invoice

Axon Enterprise, Inc.
 PO BOX 29661
 DEPARTMENT 2018
 PHOENIX, AZ 85038-9661
 Ph: (480) 991-0797
 Fax: (480) 991-0791
 AR@axon.com
 www.axon.com

Invoice No SI-1722012
 Invoice Date 05-Mar-21
 Payment Term Net 30
 Payment Due Date 04-Apr-21
 Sales Order [SO210668173](#)
 Customer account [106569](#)
 Purchase Order **YR THREE BILLING**
 Customer reference

RETURN THIS PORTION WITH YOUR PAYMENT

WASHOE CO COMPTROLLER
 ACCOUNTS PAYABLE
 1001 E NINTH ST
 RM D-200
 RENO, NV 89512
 USA

BALANCE DUE 96,480.00
 Currency USD

For ACH Payments:(Preferred Method)

Account Name Axon Enterprise, Inc.
 Account Number 634912729
 Bank Routing/Transit 122100024
 Reference Number SI-1722012

For Wire Transfers:

Beneficiary Axon Enterprise, Inc.
 Account Number 634912729
 Bank Routing/Transit 021000021
 SWIFT Code CHASUS33
 Reference Number SI-1722012

For Lockbox Payments Mail To:

Axon Enterprise, Inc.
 PO BOX 29661
 DEPARTMENT 2018
 PHOENIX, AZ 85038-9661
 Reference Number SI-1722012

Please reference the invoice number on your ACH, Wire or Check payment

Important Note: By selecting the wire transfer payment method, you agree to accept the processing & transaction fees charged by the bank relating to this wire transfer

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End