

Project Investment Justification

Body Worn Camera

PS22004

Department of Public Safety

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1. GENERAL INFORMATION

PIJ ID: PS22004

PIJ Name: Body Worn Camera

Account: Department of Public Safety

Business Unit Requesting: Management Services Bureau

Sponsor: Kenneth Hunter

Sponsor Title: Deputy Director

Sponsor Email: khunter@azdps.gov

Sponsor Phone: (602) 223-2080

2. MEETING PRE-WORK

2.1 What is the operational issue or business need that the Agency is trying to solve? (i.e....current process is manual, which increases resource time/costs to the State/Agency, and leads to errors...):

In September 2020, Governor Ducey announced a plan to involve private sector suppliers to equip Arizona Department of Public Safety's (DPS) troopers with body worn cameras. The plan was to provide 150 cameras to troopers in both rural and urban areas throughout the state to help DPS determine staffing, infrastructure and technological requirements for a full agency deployment.

In October 2020, DPS selected Axon and Watchguard as the vendors to provide the cameras for an evaluation period. Each vendor provided 100 cameras. In February 2021, seventy-five of each vendor's cameras were deployed to state troopers and 25 of each vendor's were kept on-hand for contingencies (i.e. damaged or malfunctions).

The cameras were deployed and the evaluation period started in February 2021. The evaluation period concluded in June 2021 and Axon was selected as the vendor. During this time, House Bill 2891 was introduced which included an exemption to the PIJ, ITAC and IV&V requirements for this project.

In October 2021, DPS began deploying the cameras across the department.

In November, DPS received notification from ASET that HB2891 was overturned by the Supreme Court and DPS would need to submit a PIJ for review by ITAC.

2.2 How will solving this issue or addressing this need benefit the State or the Agency?

Implementing body worn cameras will assist in increasing public trust by providing transparency in interactions with state troopers.

2.3 Describe the proposed solution to this business need.

Axon and Watchguard (Motorola) provided DPS with body worn cameras so they could test and evaluate their usage for the agency. During the evaluation period, DPS distributed the cameras to troopers in urban and rural areas. Troopers completed weekly surveys to provide input on each vendor's products. In addition, each vendor's software was evaluated for system administration/maintenance and redaction capabilities.

At the end of the evaluation period, the data was evaluated along with the cost proposals from each vendor and Axon was chosen. Axon is providing the cameras and other supporting hardware as well as licensing for their software, Evidence.com, with cloud storage in the Microsoft Azure government cloud.

2.4 Has the existing technology environment, into which the proposed solution will be implemented, been documented?

Yes

2.4a Please describe the existing technology environment into which the proposed solution will be implemented.

2.5 Have the business requirements been gathered, along with any technology requirements that have been identified?

Yes

2.5a Please explain below why the requirements are not available.

3. PRE-PIJ/ASSESSMENT

3.1 Are you submitting this as a Pre-PIJ in order to issue a Request for Proposal (RFP) to evaluate options and select a solution that meets the project requirements?

No

3.1a Is the final Statement of Work (SOW) for the RFP available for review?

3.2 Will you be completing an assessment/Pilot/RFP phase, i.e. an evaluation by a vendor, 3rd party or your agency, of the current state, needs, & desired future state, in order to determine the cost, effort, approach and/or feasibility of a project?

Yes

3.2a Describe the reason for completing the assessment/pilot/RFP and the expected deliverables.

Axon and Watchguard agreed to provide DPS with the equipment at no cost with the agreement that one vendor would be selected at the end of an evaluation period.

3.2b Provide the estimated cost, if any, to conduct the assessment phase and/or Pilot and/or RFP/solicitation process.

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3.2e Based on research to date, provide a high-level cost estimate to implement the final solution.

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4. PROJECT

4.1 Does your agency have a formal project methodology in place?

Yes

4.2 Describe the high level makeup and roles/responsibilities of the Agency, Vendor(s) and other third parties (i.e. agency will do...vendor will do...third party will do).

DPS - vendor management, training coordination, equipment distribution, software administration (security roles, access, etc.)

Vendor - project management, training, equipment distribution

4.3 Will a PM be assigned to manage the project, regardless of whether internal or vendor provided?

Yes

4.3a If the PM is credentialed, e.g., PMP, CPM, State certification etc., please provide certification information.

4.4 Is the proposed procurement the result of an RFP solicitation process?

No

4.5 Is this project referenced in your agency's Strategic IT Plan?

Yes

5. SCHEDULE

5.1 Is a project plan available that reflects the estimated Start Date and End Date of the project, and the supporting Milestones of the project?

Yes

5.2 Provide an estimated start and finish date for implementing the proposed solution.

Est. Implementation Start Date

8/11/2021 12:00:00 AM

Est. Implementation End Date

3/31/2022 12:00:00 AM

5.3 How were the start and end dates determined?

Based on project plan

5.3a List the expected high level project tasks/milestones of the project, e.g., acquire new web server, develop software interfaces, deploy new application, production go live, and estimate start/finish dates for each, if known.

Milestone / Task	Estimated Start Date	Estimated Finish Date
Complete procurement	08/11/21	09/20/21
Phase I Deployment	10/28/21	11/18/21
Phase 2 Deployment	12/06/21	12/09/21
Phase 3 Deployment	01/10/22	01/14/22
Make up training and deployment (as needed)	01/17/22	03/31/22

5.4 Have steps needed to roll-out to all impacted parties been incorporated, e.g. communications, planned outages, deployment plan?

Yes

5.5 Will any physical infrastructure improvements be required prior to the implementation of the proposed solution. e.g., building reconstruction, cabling, etc.?

No

5.5a Does the PIJ include the facilities costs associated with construction?

5.5b Does the project plan reflect the timeline associated with completing the construction?

6. IMPACT

6.1 Are there any known resource availability conflicts that could impact the project?

No

6.1a Have the identified conflicts been taken into account in the project plan?

6.2 Does your schedule have dependencies on any other projects or procurements?

No

6.2a Please identify the projects or procurements.

6.3 Will the implementation involve major end user view or functionality changes?

Yes

6.4 Will the proposed solution result in a change to a public-facing application or system?

No

7. BUDGET

7.1 Is a detailed project budget reflecting all of the up-front/startup costs to implement the project available, e.g, hardware, initial software licenses, training, taxes, P&OS, etc.?

Yes

7.2 Have the ongoing support costs for sustaining the proposed solution over a 5-year lifecycle, once the project is complete, been determined, e.g., ongoing vendor hosting costs, annual maintenance and support not acquired upfront, etc.?

Yes

7.3 Have all required funding sources for the project and ongoing support costs been identified?

Yes

7.4 Will the funding for this project expire on a specific date, regardless of project timelines?

No

7.5 Will the funding allocated for this project include any contingency, in the event of cost over-runs or potential changes in scope?

Yes

8. TECHNOLOGY

8.1 Please indicate whether a statewide enterprise solution will be used or select the primary reason for not choosing an enterprise solution.

There is not a statewide enterprise solution available

8.2 Will the technology and all required services be acquired off existing State contract(s)?

Yes

8.3 Will any software be acquired through the current State value-added reseller contract?

No

8.3a Describe how the software was selected below:

8.4 Does the project involve technology that is new and/or unfamiliar to your agency, e.g., software tool never used before, virtualized server environment?

Yes

8.5 Does your agency have experience with the vendor (if known)?

Yes

8.6 Does the vendor (if known) have professional experience with similar projects?

Yes

8.7 Does the project involve any coordination across multiple vendors?

No

8.8 Does this project require multiple system interfaces, e.g., APIs, data exchange with other external application systems/agencies or other internal systems/divisions?

No

8.9 Have any compatibility issues been identified between the proposed solution and the existing environment, e.g., upgrade to server needed before new COTS solution can be installed?

No

8.9a Describe below the issues that were identified and how they have been/will be resolved, or whether an ADOA-ASET representative should contact you.

8.10 Will a migration/conversion step be required, i.e., data extract, transformation and load?

No

8.11 Is this replacing an existing solution?

No

8.11a Indicate below when the solution being replaced was originally acquired.

8.11b Describe the planned disposition of the existing technology below, e.g., surplus, retired, used as backup, used for another purpose:

8.12 Describe how the agency determined the quantities reflected in the PIJ, e.g., number of hours of P&OS, disk capacity required, number of licenses, etc. for the proposed solution?

Number of cameras was determined by the number of troopers. Two cameras are needed for each trooper to resolve issues with data downloads and camera capacity.

Number of software users were evaluated by agency based on access needed.

8.13 Does the proposed solution and associated costs reflect any assumptions regarding projected growth, e.g., more users over time, increases in the amount of data to be stored over 5 years?

Yes

8.14 Does the proposed solution and associated costs include failover and disaster recovery contingencies?

Yes

8.14a Please select why failover and disaster recovery is not included in the proposed solution.

8.15 Will the vendor need to configure the proposed solution for use by your agency?

Yes

8.15a Are the costs associated with that configuration included in the PIJ financials?

Yes

8.16 Will any app dev or customization of the proposed solution be required for the agency to use the project in the current/planned tech environment, e.g. a COTS app that will req custom programming, an agency app that will be entirely custom developed?

No

8.16a Will the customizations inhibit the ability to implement regular product updates, or to move to future versions?

8.16b Describe who will be customizing the solution below:

8.16c Do the resources that will be customizing the application have experience with the technology platform being used, e.g., .NET, Java, Drupal?

8.16d Please select the application development methodology that will be used:

8.16e Provide an estimate of the amount of customized development required, e.g., 25% for a COTS application, 100% for pure custom development, and describe how that estimate was determined below:

8.16f Are any/all Professional & Outside Services costs associated with the customized development included in the PIJ financials?

8.17 Have you determined that this project is in compliance with all applicable statutes, regulations, policies, standards & procedures, incl. those for network, security, platform, software/application &/or data/info found at aset.az.gov/resources/psp?

Yes

8.17a Describe below the compliance issues that were identified and how they have been/will be resolved, or whether an ADOA-ASET representative should contact you:

8.18 Are there other high risk project issues that have not been identified as part of this PIJ?

No

8.18a Please explain all unidentified high risk project issues below:

9. SECURITY

9.1 Will the proposed solution be vendor-hosted?

Yes

9.1a Please select from the following vendor-hosted options:

Commercial data center environment, e.g AWS, Azure

9.1b Describe the rationale for selecting the vendor-hosted option below:

Aligns with Governor's Cloud First initiative

9.1c Has the agency been able to confirm the long-term viability of the vendor hosted environment?

Yes

9.1d Has the agency addressed contract termination contingencies, e.g., solution ownership, data ownership, application portability, migration plans upon contract/support termination?

Yes

9.1e Has a Conceptual Design/Network Diagram been provided and reviewed by ASET-SPR?

No

9.1f Has the spreadsheet located at <https://aset.az.gov/arizona-baseline-security-controls-excel> already been completed by the vendor and approved by ASET-SPR?

No

9.2 Will the proposed solution be hosted on-premise in a state agency?

No

9.2a Where will the on-premise solution be located:

9.2b Were vendor-hosted options available and reviewed?

9.2c Describe the rationale for selecting an on-premise option below:

9.2d Will any data be transmitted into or out of the agency's on-premise environment or the State Data Center?

9.3 Will any PII, PHI, CGIS, or other Protected Information as defined in the 8110 Statewide Data Classification Policy be transmitted, stored, or processed with this project?

No

9.3a Describe below what security infrastructure/controls are/will be put in place to safeguard this data:

10. AREAS OF IMPACT

Application Systems

Database Systems

Software

COTS Application Acquisition

Hardware

Other

Body worn cameras and docking stations

Hosted Solution (Cloud Implementation)

Microsoft Azure

Security

Telecommunications

Enterprise Solutions

Contract Services/Procurements

11. FINANCIALS

Description	PIJ Category	Cost Type	Fiscal Year Spend	Quantity	Unit Cost	Extended Cost	Tax Rate	Tax	Total Cost
Body Worn Cameras & Equipment	Hardware	Development	1	195	\$2,400	\$468,000	805.00 %	\$37,674	\$505,674
Unlimited bundle (annual) - License & storage	License & Maintenance Fees	Development	1	1200	\$1,068	\$1,281,600	805.00 %	\$103,169	\$1,384,769
Auto Tagging	License & Maintenance Fees	Development	1	1200	\$108	\$129,600	805.00 %	\$10,433	\$140,033
Camera TAP (Annual warranty & upgrades)	License & Maintenance Fees	Development	1	1200	\$336	\$403,200	805.00 %	\$32,458	\$435,658
Additional Pro Evidence.com licenses	License & Maintenance Fees	Development	1	17	\$468	\$7,956	805.00 %	\$640	\$8,596
Axon Respond + custom bundle	License & Maintenance Fees	Development	1	1200	\$168	\$201,600	805.00 %	\$16,229	\$217,829
Year 2 licensing	License & Maintenance Fees	Operational	2	1	\$2,023,956	\$2,023,956	805.00 %	\$162,928	\$2,186,884
Year 3 licensing	License & Maintenance Fees	Operational	3	1	\$2,023,956	\$2,023,956	805.00 %	\$162,928	\$2,186,884
Year 4 licensing	License & Maintenance Fees	Operational	4	1	\$2,023,956	\$2,023,956	805.00 %	\$162,928	\$2,186,884
Year 5 licensing	License & Maintenance Fees	Operational	5	1	\$2,023,956	\$2,023,956	805.00 %	\$162,928	\$2,186,884

Base Budget (Available)	Base Budget (To Be Req)	Base Budget % of Project
\$0	\$0	0%
APF (Available)	APF (To Be Req)	APF % of Project
\$0	\$0	0%
Other Appropriated (Available)	Other Appropriated (To Be Req)	Other Appropriated % of Project
\$11,440,096	\$0	100%
Federal (Available)	Federal (To Be Req)	Federal % of Project
\$0	\$0	0%
Other Non-Appropriated (Available)	Other Non-Appropriated (To Be Req)	Other Non-Appropriated % of Project
\$0	\$0	0%

Total Budget Available	Total Development Cost
\$11,440,096	\$2,692,558
Total Budget To Be Req	Total Operational Cost
\$0	\$8,747,538
Total Budget	Total Cost
\$11,440,096	\$11,440,096

12. PROJECT SUCCESS

Please specify what performance indicator(s) will be referenced in determining the success of the proposed project (e.g. increased productivity, improved customer service, etc.)? (A minimum of one performance indicator must be specified)

Please provide the performance objective as a quantifiable metric for each performance indicator specified.

Note: The performance objective should provide the current performance level, the performance goal, and the time period within which that performance goal is intended to be achieved. You should have an auditable means to measure and take corrective action to address any deviations.

Example: Within 6 months of project completion, the agency would hope to increase "Neighborhood Beautification" program registration by 20% (3,986 registrants) from the current registration count of 19,930 active participants.

Performance Indicators

Within 12 months, all cameras will be deployed and all troopers will be trained in their use.

13. CONDITIONS

Conditions for Approval

Should development costs exceed the approved estimates by 10% or more, or should there be significant changes to the proposed technology scope of work or implementation schedule, the Agency must amend the PIJ to reflect the changes and submit it to ADOA-ASET, and ITAC if required, for review and approval prior to further expenditure of funds.

Monthly reporting on the project status is due to ADOA-ASET no later than the 15th of the month following the start of the project. Failure to comply with timely project status reporting will affect the overall project health. The first status report for this project is due on January 15, 2021.

14. OVERSIGHT SUMMARY

Project Background

The Department of Public Safety (DPS) provides public safety to the state of Arizona. The department has added many responsibilities and evolved into a renowned, multi-faceted organization dedicated to providing law enforcement services to the public while developing and maintaining close partnerships with other local, county, state, federal and tribal agencies.

In September 2020, Governor Ducey announced a plan to provide DPS troopers throughout the state with body-worn cameras which will increase public transparency and improve public trust.

An exemption to the ADOA PIJ process for the Body-Worn Camera Project was included in House Bill 2891 (HB2891) which was approved for Fiscal Year 2022. DPS diligently began the development of the project in August 2021. In November 2021, The House Bill was overturned by the courts which resulted in the exemption to the ADOA PIJ process no longer being valid.

Business Justification

DPS's vision is to be the national model in providing state-level law enforcement services. The Governor's plan will contribute to the achievement of the DPS vision. Body-worn cameras are an essential part of increasing transparency and trust with the public. The state will benefit from DPS improving and maintaining a positive relationship with the community. With the completion of the project, DPS will be in alignment with the State cloud-first strategy.

Implementation Plan

The solution will be hosted with the vendor AXON in Microsoft Azure Government Cloud environment. The proposed solution is AZRamp and FedRAMP Authorized. DPS will handle vendor management, training coordination, software administration, and equipment deployment. AXON will lead project management, equipment delivery, and product support. DPS and AXON will share training responsibilities.

Vendor Selection

The vendor was selected off of a state contract after a trial period with the only two vendors on state contract and equipment. AXON provided the best solution and cost proposal after the testing phase. The solution selected complies with the state cloud-first policy.

Budget or Funding Considerations

State House Bill 2461 provides the funding for the body cameras.

A. The sum of \$1,500,000 is appropriated from the state general fund in each of fiscal years 2021-2022, 2022-2023, 2023-2024, 2024-2025 and 2025-2026 to the department of public safety to purchase and deploy body cameras for department personnel.

B. The appropriations made in subsection A of this section are exempt from the provisions of section 35-190, Arizona Revised Statutes, relating to lapsing of appropriations.

15. PIJ REVIEW CHECKLIST

Agency Project Sponsor

Kenneth Hunter

Agency CIO (or Designee)

Christopher Hemmen

Agency ISO (or designee)

Larry Heinz

OSPB Representative

ASET Engagement Manager

ASET SPR Representative

Thomas Considine

Agency SPO Representative

Randy Williams

Agency CFO

Phil Case