Technology Contract

Fort Worth Police Department

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Agenda

- Commitment to accountability & transparency
- Current state of technology and contracts
- How far has Technology come / What is new?
- What technology does FWPD/City Marshal's currently use?
- What can we improve?
- Input from City Attorney's Office & Office of Police Oversight Monitor
- Contract pricing
- Next Steps

Why are we here?

- New technology is available

- The City has multiple expiring technology contracts

- Opportunity to lock in long-term pricing

- Increase efficiency / better use of officers' time to address crime in a more efficient manner

Current Contracts

6 - Axon Contracts (in bundle)

- Tasers (36180)
- Tasers and Body Cameras (19836)
- Interview Rooms (17361, 17359, 12573)
- Interview Rooms/Vehicle Cameras (11452)

4 - Related Technology Contracts (phasing out)

- Motorola Vigilant License Plate Readers (53207)
- Central Square Record Management System (48482)
- Avigilon Interview Rooms
- CI Tech - IA Pro/Blue Team (53699)

Past Technology

2017

Wireless video upload and new generation of Tasers

2010s

Adopted body cameras in line with current trends and using DVD video storage in vehicles

2000s

Early generation of Tasers and VHS tapes in FWPD vehicles

Current Technology

Hardware
- Body Cameras
- Vehicle Cameras
- Interview Room Cameras
- Drones (limited)
- License Plate Readers (limited)
- Tasers

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New Technology

Software

- Performance Audits
- Livestreaming cameras
- Auto-Redaction (PIR)
- Auto-Transcription
- Automatic Camera Activation
- Record Management System (RMS)
- Use of Force Video Recognition

Hardware

- Virtual Reality (VR) Use-of-Force Training
- Firearm Sensor to turn on body cameras
- Wireless Video Upload
- License Plate Reader cameras (integrated)
- Drones (integrated)
- Tasers (+100)
- Body Cameras (+50)
- Interview Rooms (+6)
- Vehicle Camera Upgrades

Does current technology work?

- Body Cameras
  - 20% increase in plea bargains when video evidence is involved (Axon)
  - 93% of public favor the use of body cameras (Pew Research Center, 2017)
- Vehicle Cameras
  - 69% of Law Enforcement Agencies have dashboard cameras (DOJ, 2018)
  - 50% of officers say it aids in de-escalation (IACP, 2001)
  - 93% of prosecutors say evidence was successful (IACP, 2001)
- Tasers
  - Fewer fatal police shootings (Police Quarterly, 2014)
  - Reduces injuries among both Police and suspects (Reuters, 2017)
    - 60% lower suspect injuries rate (DOJ, 2011)
    - 76% lower officer injury rate (PERF, 2010)
  - 84% more likely to surrender (Axon)
  - 99.75% safe (ACEP, 2009)

Limitations of Current Technology

- Inaccessibility of some camera systems
- Lengthy redaction process for Open Records
- Record Management System (RMS)
- License Plate Checks (LPR)
- Need for more virtual use-of-force training
- Uploads limited CFW Wi-Fi hotspot's
- Current Supervisor Audit Process limits in-field presence

What does this new technology improve?

- Automated Use-of-Force Report Tagging
- Auto-transcription to Report
- Tailored Record Management System (RMS)
- Enhanced Performance Audits (includes vehicle cameras/LPR)
- Video Livestreaming
- Automated Redaction (text, audio, video)
- License Plate Reader cameras
- Firearm Sensor for cameras
- Axon Air (drones)

Highlights of New Technology

- <u>Body Camera Activation</u> – additional automatic activation of body cameras for firearm, taser, responding units, etc.

- <u>Automated Audits</u> – increases efficiency in review process of body camera footage/usage (i.e. keyword searches, UOF detection, etc.)

- <u>Record Management System</u> – catalogs incoming camera footage, tags use-of-force (UOF) events, and automates follow-up reminders for tasks

- <u>Virtual Reality</u> – increases training options/frequency for use-of-force training

- <u>License Plate Reader</u> – allows officers to limit license plate searches for specific criteria

- <u>Automated Redaction</u> – increases efficiency in fulfilling public information requests

Highlights – Virtual Reality Training

VR Training prepares officers for complex real-world situations (i.e. crisis intervention, mental health, etc.) by bringing the best immersive content to devices that can be used wirelessly anywhere, and pairing it with a robust training platform

Highlights – Automated Performance Audits

Designed to reduce the amount of time field supervisors spend reviewing compliance with agency policies and programs. Streamlines the review and enable supervisors to deliver tailored personnel training and feedback to ensure that teams are operating within agency guidelines and policies.
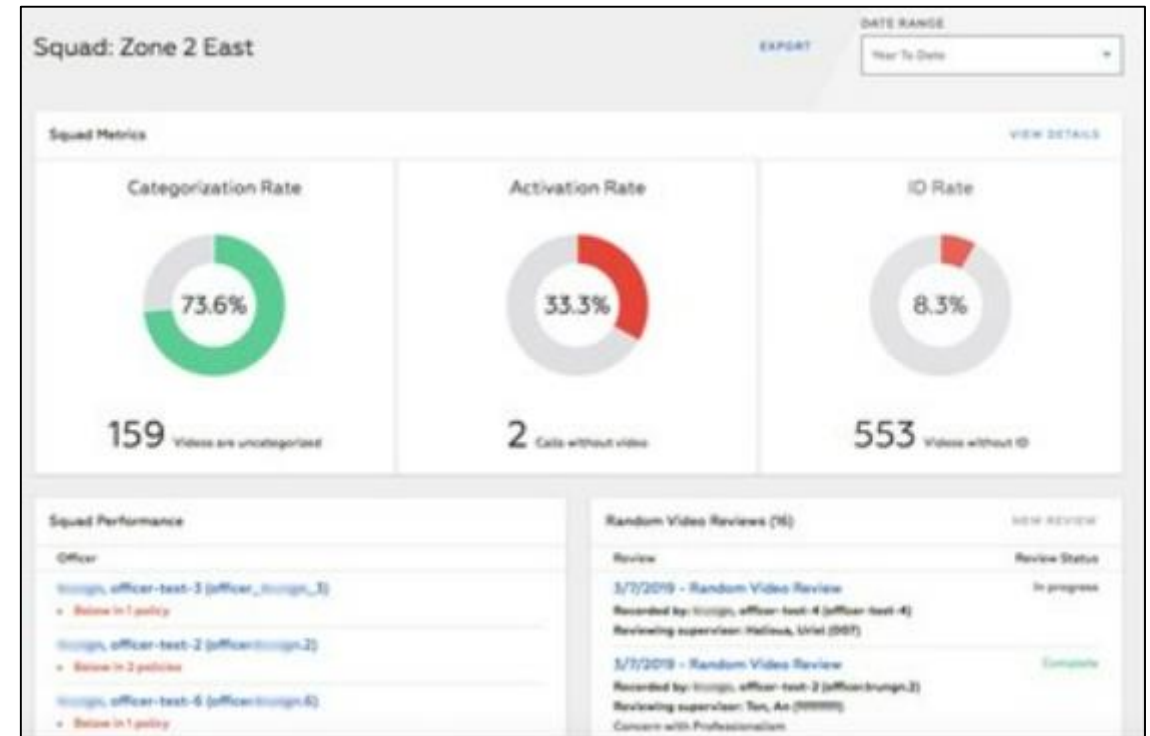
Highlights – License Plate Readers

Automatically searches for vehicles identified in violent offenses

- Kidnappings

- Sexual Assaults

- Murder suspects

- Robberies

- Aggravated Assaults
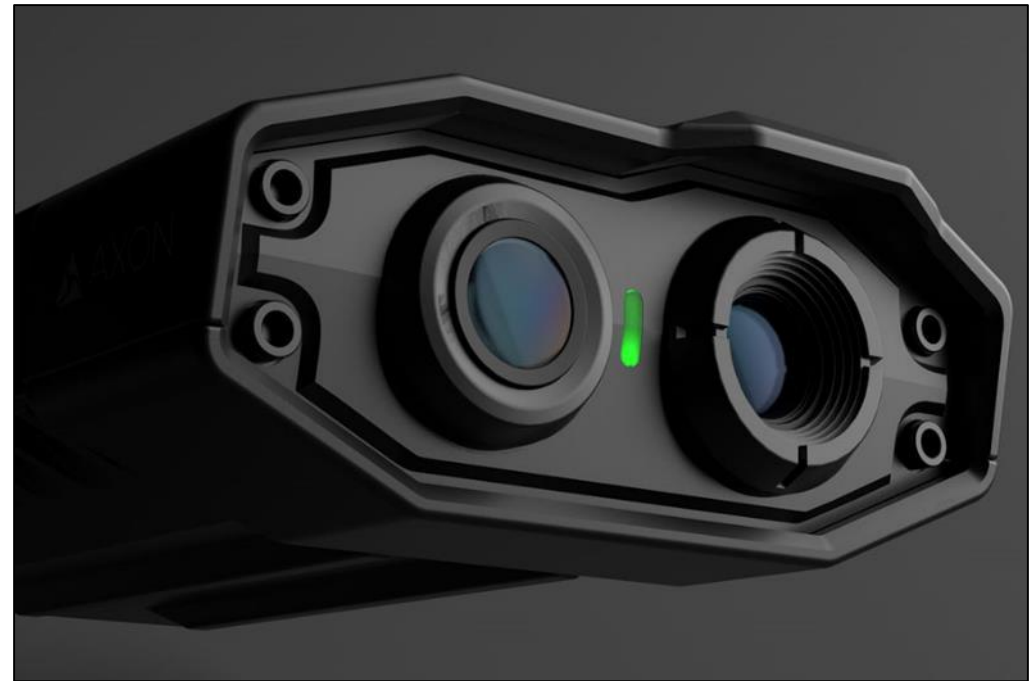
License Plate Readers – Available Selections

Category Alert Settings

Agency Hotlist

☐	Abandoned Vehicle	☑	Amber Alert	☑	Armed Robbery	☐	Assault
☐	Battery Assault	☐	Capias Warrant	☑	Car Jacking	☐	Child Abductor
☐	Deported Felon	☐	Disorderly Conduct	☐	Expired	☑	Felony Theft
☑	Felony Warrant	☐	Fugitive	☑	Gang Member	☑	Hit and Run
☑	Homicide	☐	Law Enforcement Suspect	☐	Misdemeanor	☑	Missing Person
☑	Narcotics	☐	Prostitution	☐	Protection Order	☐	Revoked License
☐	Sex Offender	☑	Stolen License Plate	☑	Stolen Vehicle	☑	Suspect
☐	Terrorist	☐	Unlicensed Driver	☑	Wanted Person	☑	Wanted Vehicle

NCIC

☐	Supervised Release	☑	Protection Order	☐	Protective Interest	☑	Violent Person
☑	Missing Person	☑	Immigration Violator	☐	CPIC Data Records	☑	Gang or Suspected Terrorist
☑	Warrants	☑	Stolen Vehicle	☑	Stolen Plate	☑	Sex Offender

City Attorney's Office

Office of the Police Oversight Monitor

Police Contract Pricing – Annual

FY22	FY23	FY24	FY25	FY26	FY27
$3,499,998.92	$5,882,113.51	$6,290,064.45	$5,860,727.93	$6,139,989.84	$5,988,949.32
FY28	**FY29**	**FY30**	**FY31**	**FY32**	**FY33**
$6,044,119.74	$5,990,975.80	$6,762,876.74	$6,454,794.35	$6,454,794.32	$6,454,794.36

TOTAL
$71,824,199.28

Marshal's Contract Pricing – Annual

FY22	FY23	FY24	FY25	FY26	FY27
$200,000.00	$200,000.00	$200,000.00	$200,000.00	$200,000.00	$200,000.00
FY28	**FY29**	**FY30**	**FY31**	**FY32**	**FY33**
$200,000.00	$200,000.00	$200,000.00	$200,000.00	$200,000.00	$200,000.00

TOTAL
$2,400,000.00

Police Contract Pricing – Itemized

Product	Qty	12-Year Cost	Annual Average	Monthly User Avg
Evidence.com Licenses	200	$ 1,092,000.00	$ 91,000.00	$ 37.92
Vehicle Camera Package/Upgrades	600	$ 13,822,280.00	$ 1,151,856.67	$ 159.98
Officer Safety Plan	1693	$ 55,195,190.58	$ 4,599,599.22	$ 226.40
• Body Cameras				
• Records Management System				
• Software License(s)				
• Firearm sensor				
• Taser				
• Upgrades				
Taser Certification Program		$ 557,844.00	$ 46,487.00	
Virtual Reality Training/Upgrades	68	$ -	$ -	
Interview Rooms		$ 853,483.84	$ 71,123.65	
Drones, Training, and Accessories		$ 303,400.86	$ 25,283.41	
Total		**$ 71,824,199.28**	**$ 5,985,349.94**	

Police Axon Contract Costs
Bundled Pricing VERSUS Alternative CO-OP Pricing

New Services Start in FY22
Price Increase in FY23
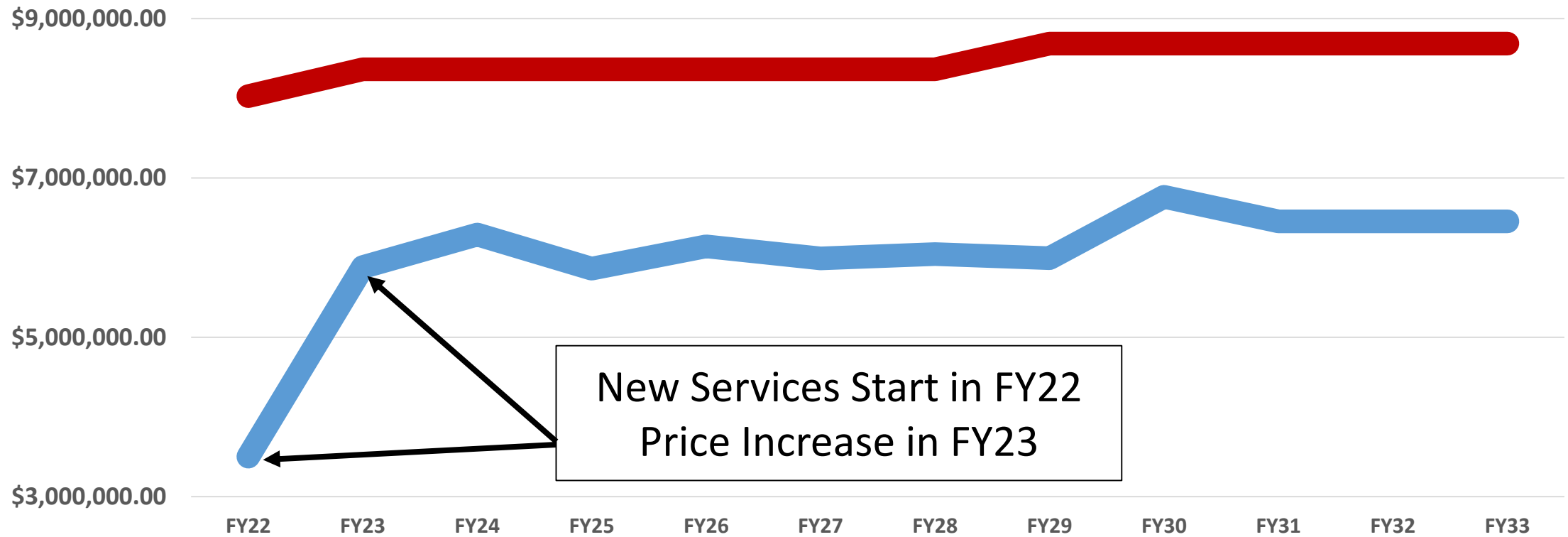
Police Plan Pricing
Old Plan versus New Plan

Legend: New Plan - Bundled, New Plan - Unbundled, Old Plan - Vendor Pricing
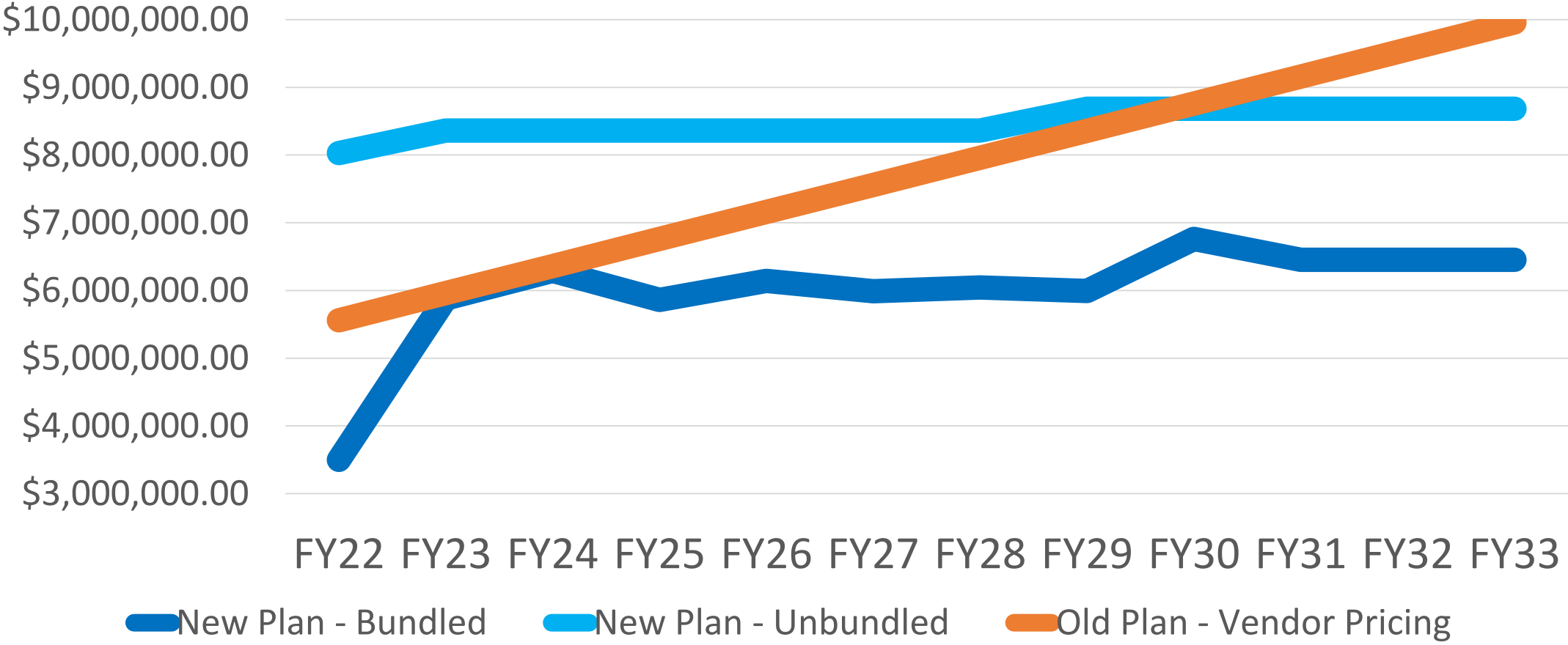
Multiple Contracts vs. Proposed Plan

Current Plan (6 Separate Contracts)
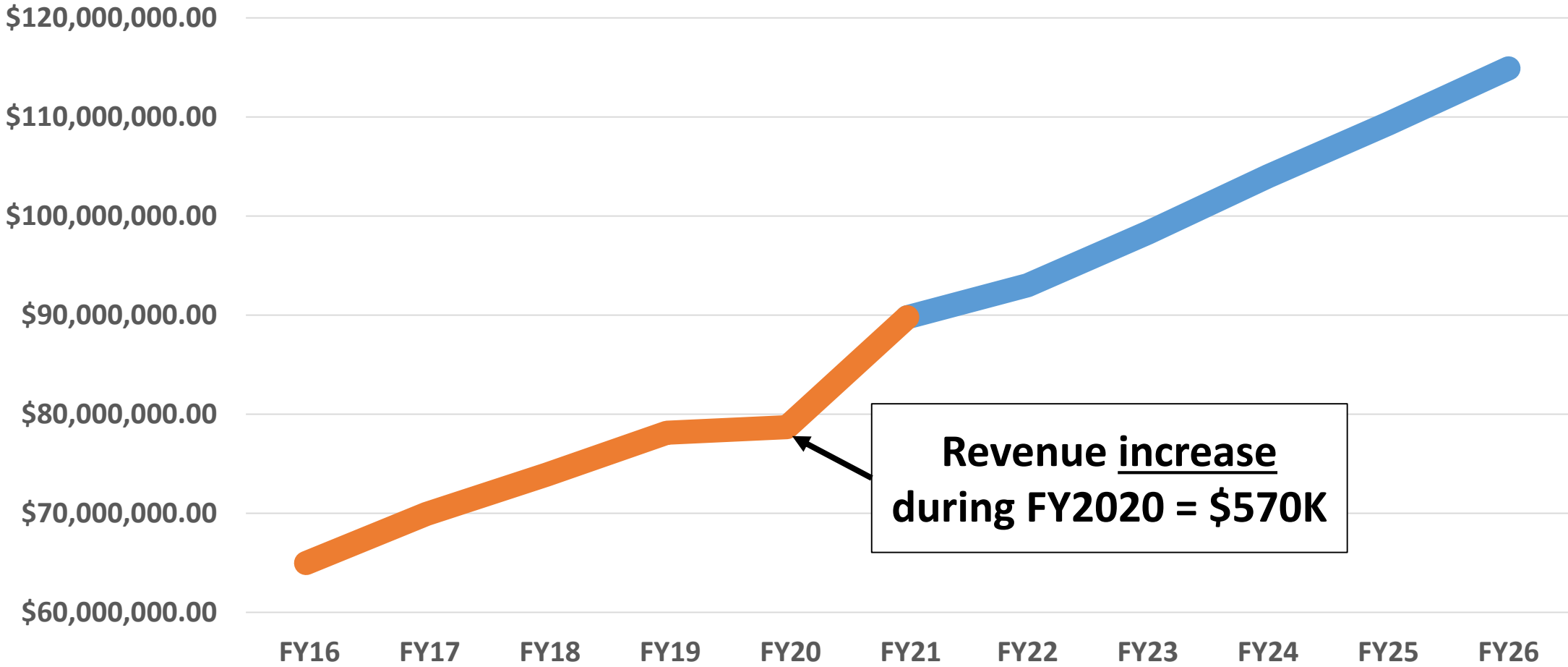- Price increases to $5.56M (+$2.06M)
- Does not include new technology advancements

New Plan (Proposed Pricing)
- Price increases to $5.9M (+$2.3M)
- Includes new technology advancements

Crime Control and Prevention District
Sales Tax Revenue
Actual Revenue/Forecasted Revenue

Revenue **increase**
during FY2020 = $570K

Next Steps…

- City Council Contract M&C (4/26/2022)
- Review General Orders for possible updates
  - o Drones
  - o Body worn cameras
  - o LPR's
  - o Etc.
- Submit Informal Report to Council (6-months)
  - o Status of updated policies
  - o Hardware Implementation

QUESTIONS