

City of Aurora, IL

COPS Grant

July 19, 2024

ATTENTION TO:

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&

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1. Executive Summary

Scientel Solutions LLC (Scientel) prides itself in being The Universal Integrator - for all types of advanced technology solutions both locally and abroad. For more than 30 years, Scientel has been designing, installing, supporting, and operating network and security systems. We do this through longstanding partnerships with the world's leading technology companies. Your needs match our strengths.

Scientel is pleased to have the opportunity to deliver this proposal to the City of Aurora, IL (Aurora) to provide and install new cameras, licensing, & Genetec Network Infrastructure for Aurora's Police Department. Our proposed solution has been designed specifically for Aurora to provide unsurpassed value. As part of this quote, Scientel's proposal includes a combination of video equipment, and the services required to provide a turnkey solution for Aurora including:

- Aurora PD Camera Upgrades
- Quad PTZ & LPR Adds throughout the City of Aurora
- Network Infrastructure for camera platform compatibility
- Network Infrastructure for camera views

We thank you for the opportunity to provide Aurora with "best in class" solutions. Our goal is to help you achieve the best results for communications, safety and security in your industry. Please direct any questions, concerns or further communications to Roxana Hoffman, rhoffman@scientelsolutions.com, 630-956-6298.

Sincerely,
Scientel Solutions LLC

Roxana Hoffman – Director of Operations

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2. Scope of Services – Aurora PD Camera Upgrades

Scientel has prepared this section for Aurora to describe the equipment and services included to upgrade ninety (90) cameras at the Aurora Police Department to Avigilon ZMP 2.0C-H5SL-D01-IR cameras. Please refer to **Appendix A** to see the proposed Camera upgrade plan by location. Scientel will perform the following services under this quote.

- **Procurement:**
 - Scientel will provide a quantity of ninety (90) Avigilon ZMP 2.0C-H5SL-D01-IR with the required mounting hardware.
- **Staging, Installation, & Closeout Services:**
 - Scientel will receive, inspect, & stage all equipment at our Headquarters in Aurora, IL.
 - Scientel will decommission legacy cameras.
 - Scientel will install, mount, and focus all new cameras.
 - Scientel will work with Aurora IT to integrate the cameras into Genetec and set Fields of View.
 - Scientel will provide Aurora with a closeout package which will include:
 - Installation photos and testing results
 - Documentation with equipment information such as serial numbers, IP Addresses, login credentials, and warranty information.

3. Scope of Services – Network Infrastructure for Camera Platform Compatibility

Scientel has prepared this section for Aurora to describe the proposed new Genetec Network Infrastructure to handle the City of Aurora's RTSP streaming to Fusus. The new Genetec infrastructure will be provided to obtain consistency with the current hardware already deployed. The new Genetec infrastructure as Media Gateway will be configured and added to the existing Aurora Federation System.

Procurement: Scientel will provide the following equipment & materials:

Qty	Ref #	Description
1	SV-CFG-SRV 5.11	Streamvault™ Configure with Security Center 5.11.x Applies to SVW and SV-1000 and up only
1	SV-4040EX-R6S D480-410	Streamvault™ 4040EX Series - 1U 6 SFF Bay Appliance 2x Xeon Silver 4410Y 64GB RAM 2x 480GB M.2 SSD 2x 1GbE RJ45 2x 10/25GbE SFP28 2x 800W PSU Windows Server Standard 5YR NBD KYHD Warranty Genetec Security Center preinstalled. License sold separately.

Staging, Installation & Closeout:

- Receive, inspect, catalog, label and stage all new equipment.
- Scientel will schedule installation with Aurora's POC.
- Provision, program, and test the video infrastructure and confirm camera licensing is applied.
- Scientel will provide Aurora with a closeout package as defined above.

4. Scope of Services – Quad PTZ & LPR Camera Adds

Scientel has prepared this section for Aurora to describe the camera equipment and services that would be in scope for this upcoming COPS grant. For our design, we've broken down each location into 5 distinct scopes of work which are defined in the scope of work section. Please refer to **Appendix B** for the detailed breakdown to show which location(s)/intersection(s) will be receiving each equipment type/scope of work defined in the subsequent sections.

A. Quad PTZ Add

- **Procurement:** Scientel will provide the following equipment for locations determined as receiving a Quad PTZ:

Item / Description	Qty (per location)
AXIS Q6135-LE PTZ Network Camera (01959-004)	1
AXIS Q6100-E (Quad) Network Camera (01711-001)	1
AXIS TQ5001-E WALL/POLE MOUNT	1
Cat6 Allocation	1
SD Card	1

- **Staging, Installation, Coordination & Closeout Services:**
 - Scientel will procure, receive, inspect, capture serial numbers, label, and program all equipment listed above per location.
 - Scientel will work with all stakeholders to coordinate and align services that this installation is dependent on such as: power to poles, access and permitting.
 - Scientel will work with stakeholders and city electricians to coordinate permanent power to inbound mounting locations where budget allows.
 - Scientel will install the Quad PTZ Cameras to existing pole infrastructure with permanent mounts and tap into existing power supplies.
 - Scientel will manage installation of cameras by mounting on city owned assets.
 - Scientel will maintain all documentation throughout the course of this project as it relates to equipment specifications, as built drawings, photos and testing results.
 - Scientel will provide City of Aurora a closeout package which will include:
 - Installation photos & testing results
 - Documentation with equipment information such as serial numbers, IP Addresses, login credentials, and warranty information.

Please refer to Appendix B to see which Intersection/Location receives this scope of work

B. Quad PTZ Add w Riser

- **Procurement:** Scientel will provide the following equipment for locations determined as receiving a Quad PTZ:

Item / Description	Qty (per location)
AXIS Q6135-LE PTZ Network Camera (01959-004)	1
AXIS Q6100-E (Quad) Network Camera (01711-001)	1
AXIS TQ5001-E WALL/POLE MOUNT	1
Cat6 Allocation	1
SD Card	1
Riser Material	1

- **Staging, Installation, Coordination & Closeout Services:**
 - Scientel will procure, receive, inspect, capture serial numbers, label, and program all equipment listed above per location.
 - Scientel will work with all stakeholders to coordinate and align services that this installation is dependent on such as: power to poles, access and permitting.
 - Scientel will work with stakeholders and city electricians to coordinate permanent power to inbound mounting locations where budget allows.
 - Scientel will install the new riser required for installation
 - Scientel will install the Quad PTZ Cameras to existing pole infrastructure with permanent mounts and tap into existing power supplies.
 - Scientel will manage installation of cameras by mounting on city owned assets.
 - Scientel will maintain all documentation throughout the course of this project as it relates to equipment specifications, as built drawings, photos and testing results.
 - Scientel will provide City of Aurora a closeout package as defined above:

Please refer to Appendix B to see which Intersection/Location receives this scope of work

C. Solar L6Q

- **Procurement:** Scientel will provide the following equipment for locations determined as receiving a Solar Powered L6Q:

Item / Description	Qty Per Location
L6Q Quick Deploy Camera (Solar Kit) - includes Camera with 2 batteries, Solar Panel, mounting hardware (HARDWARE)	1
L6Q Annual Replacement Plan covers L6Qs from theft, vandalism and natural disasters for 1 year (HARWARE)	1
Vigilant L6Q Service Package for Hosted/Managed LPR Deployments LEARN Subscription** (SUBSCRIPTION)	1

- **Staging, Installation, Coordination & Closeout Services:**
 - Scientel will procure, receive, inspect, capture serial numbers, label, and program the L6Q Vigilant Cameras
 - Scientel will work with all stakeholders to coordinate and align services that this installation is dependent on such as: power to poles, access and permitting.
 - Scientel will install the L6Q solar panel and cameras to existing pole assets.
 - Scientel will maintain all documentation throughout the course of this project as it relates to equipment specifications, as built drawings, photos and testing results.
 - Scientel will provide City of Aurora a closeout package as defined previously.

Please refer to Appendix B to see which Intersection/Location receives this scope of work

D. Permanent Power L6Q

- **Procurement:** Scientel will provide the following equipment for locations determined as receiving a Permanent Powered L6Q:

Item / Description	Qty Per Location
L6Q Quick Deploy Camera (120V AC Kit) - includes Camera with 2 batteries, 120V External Power, mounting hardware (HARDWARE)	1
L6Q Annual Replacement Plan covers L6Qs from theft, vandalism and natural disasters for 1 year (HARWARE)	1
Vigilant L6Q Service Package for Hosted/Managed LPR Deployments LEARN Subscription** (SUBSCRIPTION)	1

- **Staging, Installation, Coordination & Closeout Services:**
 - Scientel will procure, receive, inspect, capture serial numbers, label, and program the L6Q Vigilant Cameras
 - Scientel will work with all stakeholders to coordinate and align services that this installation is dependent on such as: power to poles, access and permitting.
 - Scientel will work with stakeholders and city electricians to bring permanent power to inbound mounting locations where budget allows.
 - Scientel will install the L6Q Cameras to existing pole infrastructure with permanent mounts and tap into existing power supplies.
 - Scientel will manage installation of LPR cameras by mounting on city owned infrastructure.

- Scientel will provide City of Aurora a closeout package as defined previously.
Please refer to Appendix B to see which Intersection/Location receives this scope of work

E. Solar L6Q w Pole

- **Procurement:** Scientel will provide the following equipment for locations determined as receiving a Solar Powered L6Q with a new pole:

Item / Description	Qty Per Location
L6Q Quick Deploy Camera (Solar Kit) - includes Camera with 2 batteries, Solar Panel, mounting hardware (HARDWARE)	1
L6Q Annual Replacement Plan covers L6Qs from theft, vandalism and natural disasters for 1 year (HARWARE)	1
Vigilant L6Q Service Package for Hosted/Managed LPR Deployments LEARN Subscription** (SUBSCRIPTION)	1
15' Pole (HARDWARE)	1

- **Staging, Installation, Coordination & Closeout Services:**
 - Scientel will procure, receive, inspect, capture serial numbers, label, and program the L6Q Vigilant Cameras
 - Scientel will work with all stakeholders to coordinate and align services that this installation is dependent on such as: power to poles, access and permitting.
 - Scientel will Install the new 15' pole at the designated installation location.
 - Scientel will install the L6Q Cameras to the new pole.
 - Scientel will maintain all documentation throughout the course of this project as it relates to equipment specifications, as built drawings, photos and testing results.
 - Scientel will provide City of Aurora a closeout package as defined previously.

Please refer to Appendix B to see which Intersection/Location receives this scope of work

F. Permanent Power -L5F

- **Procurement:** Scientel will provide the following equipment for locations determined as receiving a Permanent Powered L5F:

Item / Description	Qty Per Location
L5F Fixed LPR Camera with Sun Shield - 50mm Lens with Camera Cable (HARDWARE)	1
Vigilant Fixed Camera Communications Box (HARDWARE)	1
Fixed LPR Camera Bracket (HARDWARE)	1
Vigilant Shipping Charges - Fixed or Comms (HARDWARE)	
Vigilant LPR Basic Service Package for Hosted/Managed LPR Deployments (SOFTWARE)	

- **Staging, Installation, Coordination & Closeout Services:**
 - Scientel will procure, receive, inspect, capture serial numbers, label, and program the L5F Vigilant Cameras
 - Scientel will work with all stakeholders to coordinate and align services that this installation is dependent on such as: power to poles, access and permitting.
 - Scientel will work with stakeholders and city electricians to bring permanent power to inbound mounting locations where budget allows.
 - Scientel will install the L5F Cameras to existing pole infrastructure with permanent mounts and tap into existing power supplies.

Please refer to Appendix B to see which Intersection/Location receives this scope of work

G. 4 PtP Links for Backhaul

Scientel designed 4 PTP links to backhaul cameras at the following locations:

- River & Benton
- River & Downer
- River & New York
 - To backhaul to Vine St. Tower

5. Scope of Services – Network Infrastructure for Camera Views

Scientel has prepared this section for Aurora to describe the proposed new Genetec Network Infrastructure to handle the City of Aurora's camera feeds for traffic cameras. The new Genetec infrastructure will be provided to obtain consistency with the current hardware already deployed.

Procurement: Scientel will provide the following equipment & materials:

Qty	Ref #	Description
2	SV-CFG-SRV 5.11	Streamvault™ Configure with Security Center 5.11.x Applies to SVW and SV-1000 and up only
2	SV-2040E-R12-132T-12-410	Streamvault™ 2040E Series - 2U 12-Bay Appliance 132TB Raw RAID 6 1x Xeon Silver 4410Y 32GB RAM 2x 480GB M.2 SSD 11x 12TB 3.5" Enterprise HDDs 2x 1GbE RJ45 2x 1100W PSU Windows Server Standard 5YR NBD KYHD Warranty - Genetec™ Security Center pre-install

Staging, Installation & Closeout:

- Receive, inspect, catalog, label and stage all new equipment.
- Scientel will schedule installation with Aurora's POC.
- Provision, program, back up database, install software & restore applications, and test the video infrastructure.
- Scientel will provide Aurora with a closeout package as defined above.

6. Proposal Assumptions

- Scope of work allows for coordinated scheduled deployment and site access, any interruptions to project schedule may be subject to change order.
- Customer is responsible for any license or permit fees required by local ordinance
- All work is to be performed during regular business hours, I.E. 8AM-5PM, Monday-Friday.
- At Aurora PD, Assumes Scientel can use existing cabling for all new camera installations.
- At Aurora PD, Scientel will re-locate up to 6 cameras as required from their existing locations.
- Customer responsible for Fusus connection assistance directly.
- This proposal does not include any new poles unless specifically stated. Assumes existing City owned infrastructure to be used to mount cameras.
- Scientel has not included electrical costs to cover bringing permanent power to the proposed mounting locations for inbound L6Q LPR capture or L5F capture. It is assumed that Aurora will budget for this scope and is responsible for all permanent power requirements.
- Maintenance and support for these cameras will be provided under Scientel's CCTV Maintenance agreement with the City of Aurora.
- Assumes Aurora will provide all required SIM Cards.

7. Warranty Statement

Scientel Solutions LLC warrants that work will be performed in accordance with sound engineering practice and professional standards, but makes no other warranty, express or implied including the merchantability.

In the event of any error, omission, or other professional negligence or any breach of the above warranty of which Scientel Solutions LLC is notified in writing within 90 days after system acceptance, the sole and exclusive responsibility of Scientel Solutions LLC shall be to re-perform deficient work at its own expense, and Scientel Solutions LLC shall have no other liability whatsoever.

In no event shall Scientel Solutions LLC be liable, whether in contract or tort, including negligence, for loss of profit, loss of product, loss of use, or for indirect, consequential or special damages. The liability of Scientel Solutions LLC for injury or damage to persons or property arising out of this work shall not exceed the lesser of the total amount received by Scientel Solutions LLC pursuant to this contract or \$1,000,000, whether in contract or tort, including negligence and shall not extend to liability arising out of the negligence or other fault of the client.

Manufacturer's warranty for all proposed equipment is passed through to Aurora.

8. Pricing & Billing Milestones

Item / Description – Aurora PD Camera Upgrades	Qty	Price
Avigilon 2MP 2.0C-H5SL-DO1-IR: 2.0 MP (1080p) WDR, LightCatcher, Day/Night, Indoor Dome, 3.3 – 9mm 1.3 P-iris lens, Integrated IR, Next-Generation Analytics Contract Price = \$550.00	90	\$49,500.00
Camera Installation (Indoor Regular) Contract Price = \$950.00	90	\$85,500.00
TOTAL		\$135,000.00

Item / Description	Qty	Price
Network Infrastructure for Camera Platform Compatibility	1	\$24,635.00

Item / Description – Aurora LPR & Quad PTZ Adds	Qty	Price
<ul style="list-style-type: none"> (Qty 7) L6Q Quick Deploy Camera (120V AC Kit) - includes Camera with 2 batteries, 120V External Power, mounting hardware (HARDWARE) (Qty 11) L5F Fixed LPR Camera (120V AC Kit) - includes Camera, Comms Box, & mounting hardware (HARDWARE) (Qty 13) L6Q Quick Deploy Camera (Solar Kit) - includes Camera with 2 batteries, Solar Panel, mounting hardware (HARDWARE) (Qty 20) L6Q Annual Replacement Plan covers L6Qs from theft, vandalism and natural disasters for 1 year (HARDWARE) (Qty 20) Vigilant L6Q Service Package for Hosted/Managed LPR Deployments LEARN Subscription** (SUBSCRIPTION) (Qty 11) Vigilant L5F Service Package for Hosted/Managed LPR Deployments LEARN Subscription** (SUBSCRIPTION) (Qty 3) 15' Pole (HARDWARE) 	Lot	\$247,160.04
<ul style="list-style-type: none"> (Qty 18) AXIS Q6135-LE PTZ Network Camera (01959-004) (Qty 18) AXIS Q6100-E (Quad) Network Camera (01711-001) (Qty 18) AXIS TQ5001-E WALL/POLE MOUNT (Qty 36) SD Card Cat 6 Allocation Riser Material 	Lot	\$94,268.83
Scientel Design, Site Walks, Project Management	1	\$15,000.00
Scientel Configuration, Installation & Commissioning (Cameras)	1	\$97,394.00
Others: IDOT Permitting & Tollway Coordination	1	\$9,000.00
Backhaul Equipment – (Qty 4) PTP670, Surge Suppressors, CAT6 Cabling & NEMA Boxes	Lot	\$15,578.73
Scientel PTP Engineering Design, Config & Installation Services	1	\$16,140.00
Total		\$494,541.60

Item / Description	Qty	Price
Network Infrastructure for Camera Views	1	\$84,099.00

Pricing Summary:

Item / Description – Aurora PD Camera Upgrades	Price
Aurora PD Camera Upgrades	\$135,000.00
Network Infrastructure for Camera Platform Compatibility	\$24,635.00
LPR & Quad PTZ Adds	\$494,541.60
Network Infrastructure for Camera Views	\$84,099.00
Grand Total	\$738,275.60

All new cameras listed in this proposal, will be maintained under the existing Security Camera Maintenance & Support (Bid 20-29 Resolutions R21-135).

Billing Milestones:

- Hardware costs and Software License fees are invoiced at start of project
- Remaining balance of Professional Services / Installation will be invoiced monthly as work is completed.

9. Terms, Conditions & Acceptance

Scientel will provide an invoice to the City for services rendered and the City shall approve and thereafter pay any undisputed portions thereof in accordance with the Illinois Local Government Prompt Payment Act (50 ILCS 505/1 et. seq). Approved, but unpaid invoiced amounts shall accrue interest in the manner and to the extent authorized by the Act.

The completed document may be returned to Scientel with the necessary Purchase Order via email at Salesorder@scientelsolutions.com

Signature: _____

Date: ____/____/____

Name (Print): _____

Title: _____

Appendix A: Aurora PD Camera Upgrade Plan

#	Location	New Naming Convention	Replacement Device
1.	CT13	PD-Ext-SE Dome PTZ Internet Exchange (CT13)	Avigilon 2MP 2.0C-H5SL-D01-IR
2.	Money Counting	PD-Booking Money Counting Overhead	Avigilon 2MP 2.0C-H5SL-D01-IR
3.	100	TAS-Evidence Return Vestibule (100)	Avigilon 2MP 2.0C-H5SL-D01-IR
4.	102	TAS-Attorney Review (102)	Avigilon 2MP 2.0C-H5SL-D01-IR
5.	112.1	TAS-Evidence Lockers S (112.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
6.	112.2	TAS-Evidence Lockers N (112.2)	Avigilon 2MP 2.0C-H5SL-D01-IR
7.	113	TAS-Evidence Secure Hallway (113)	Avigilon 2MP 2.0C-H5SL-D01-IR
8.	119.1	TAS-Evidence Garage Facing E (119.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
9.	125	TAS-Evidence Officer Processing (125)	Avigilon 2MP 2.0C-H5SL-D01-IR
10.	130.1	TAS-Evidence Vault A-D (130.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
11.	130.2	TAS-Evidence Vault B-E (130.2)	Avigilon 2MP 2.0C-H5SL-D01-IR
12.	130.3	TAS-Evidence Vault D-E (130.3)	Avigilon 2MP 2.0C-H5SL-D01-IR
13.	130.4	TAS-Evidence Vault Door (130.4)	Avigilon 2MP 2.0C-H5SL-D01-IR
14.	131	TAS-Evidence Vault Corridor (131)	Avigilon 2MP 2.0C-H5SL-D01-IR
15.	132.1	TAS-Evidence Storage W (132.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
16.	137	TAS-Range (137)	Avigilon 2MP 2.0C-H5SL-D01-IR
17.	A100	PD-Interior Court Exit (A100)	Avigilon 2MP 2.0C-H5SL-D01-IR
18.	A101	PD-Court Entrance/Metal Detector (A101)	Avigilon 2MP 2.0C-H5SL-D01-IR
19.	A104.1	PD-Court Waiting Area (A104.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
20.	A127	PD-Booking Court Holding 1 (A127)	Avigilon 2MP 2.0C-H5SL-D01-IR
21.	A129	PD-Booking Court Holding 2 (A129)	Avigilon 2MP 2.0C-H5SL-D01-IR
22.	A131	PD-Booking Interior Bonding Entrance (A131)	Avigilon 2MP 2.0C-H5SL-D01-IR
23.	A133.1	PD-Civil Court Room Rear (A133.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
24.	A134.1	PD-Court Room Rear (A134.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
25.	A200	PD-2nd Floor W (A200)	Avigilon 2MP 2.0C-H5SL-D01-IR
26.	A201	PD-SOG Main Entrance Door (A201)	Avigilon 2MP 2.0C-H5SL-D01-IR
27.	A202	PD-SOG Rear Entrance Hallway (A202)	Avigilon 2MP 2.0C-H5SL-D01-IR
28.	A203	PD-SOG Interview Room Hallway (A203)	Avigilon 2MP 2.0C-H5SL-D01-IR
29.	A211	PD-SOG Storage Room 1 (A211)	Avigilon 2MP 2.0C-H5SL-D01-IR
30.	A212	PD-SOG Storage Room 2 (A212)	Avigilon 2MP 2.0C-H5SL-D01-IR
31.	A213	PD-SOG Storage Room 3 (A213)	Avigilon 2MP 2.0C-H5SL-D01-IR
32.	A237	PD-INV Interview Room Hallway (A237)	Avigilon 2MP 2.0C-H5SL-D01-IR
33.	B117.2	PD-Booking S Corridor W (B117.2)	Avigilon 2MP 2.0C-H5SL-D01-IR
34.	B118.1	PD-Booking W Corridor N (B118.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
35.	B118A	PD-Booking W Corridor Tray Prep (B118A)	Avigilon 2MP 2.0C-H5SL-D01-IR

36.	B119.1	PD-Booking Sally Port E (B119.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
37.	B119.2	PD-Booking Sally Port W (B119.2)	Avigilon 2MP 2.0C-H5SL-D01-IR
38.	B119.4	PD-Booking Exterior Vehicle Call Box Upper (B119.4)	Avigilon 2MP 2.0C-H5SL-D01-IR
39.	B119.5	PD-Booking Exterior Vehicle Call Box Lower (B119.5)	Avigilon 2MP 2.0C-H5SL-D01-IR
40.	B121	PD-Booking Cell 16 (B121)	Avigilon 2MP 2.0C-H5SL-D01-IR
41.	B123	PD-Booking Cell 15 (B123)	Avigilon 2MP 2.0C-H5SL-D01-IR
42.	A315	PD-OPS Elevator (A315)	Avigilon 2MP 2.0C-H5SL-D01-IR
43.	B124	PD-Booking Cell 14 (B124)	Avigilon 2MP 2.0C-H5SL-D01-IR
44.	B125	PD-Booking Cell 13 (B125)	Avigilon 2MP 2.0C-H5SL-D01-IR
45.	B126	PD-Booking Cell 12 (B126)	Avigilon 2MP 2.0C-H5SL-D01-IR
46.	B128	PD-Booking Corridor Door W (B128)	Avigilon 2MP 2.0C-H5SL-D01-IR
47.	B129	PD-Booking Cell 9 (B129)	Avigilon 2MP 2.0C-H5SL-D01-IR
48.	B130	PD-Booking Cell 8 (B130)	Avigilon 2MP 2.0C-H5SL-D01-IR
49.	B132	PD-Booking Cell 7 (B132)	Avigilon 2MP 2.0C-H5SL-D01-IR
50.	B133	PD-Booking Cell 6 (B133)	Avigilon 2MP 2.0C-H5SL-D01-IR
51.	B134	PD-Booking Corridor Door E (B134)	Avigilon 2MP 2.0C-H5SL-D01-IR
52.	B137	PD-Booking Cell 5 (B137)	Avigilon 2MP 2.0C-H5SL-D01-IR
53.	B101	PD-Booking Bonding Window (B101)	Avigilon 2MP 2.0C-H5SL-D01-IR
54.	B138	PD-Booking Cell 3 (B138)	Avigilon 2MP 2.0C-H5SL-D01-IR
55.	B139	PD-Booking Cell 4 (B139)	Avigilon 2MP 2.0C-H5SL-D01-IR
56.	B140	PD-Booking Cell 2 (B140)	Avigilon 2MP 2.0C-H5SL-D01-IR
57.	B142	PD-Booking Cell 1 (B142)	Avigilon 2MP 2.0C-H5SL-D01-IR
58.	B147	PD-Booking Cell 10 (B147)	Avigilon 2MP 2.0C-H5SL-D01-IR
59.	B149	PD-Booking Money Drop (B149)	Avigilon 2MP 2.0C-H5SL-D01-IR
60.	B150A	PD-Booking Processing Exit to Sally Port (B105A)	Avigilon 2MP 2.0C-H5SL-D01-IR
61.	B151	PD-Booking Holding Cell 1 (B151)	Avigilon 2MP 2.0C-H5SL-D01-IR
62.	B152	PD-Booking Holding Cell 2 (B152)	Avigilon 2MP 2.0C-H5SL-D01-IR
63.	B108.2	PD-Booking Bonding Hallway W (B108.2)	Avigilon 2MP 2.0C-H5SL-D01-IR
64.	B153	PD-Booking Holding Cell 3 (B153)	Avigilon 2MP 2.0C-H5SL-D01-IR
65.	B154	PD-Booking Holding Cell 4 (B154)	Avigilon 2MP 2.0C-H5SL-D01-IR
66.	C100.2	PD-Foier Main Entrance (C100.2)	Avigilon 2MP 2.0C-H5SL-D01-IR
67.	C102	PD-Credit Union (C102)	Avigilon 2MP 2.0C-H5SL-D01-IR
68.	C103.1	PD-Lobby Records Window 1 (C103.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
69.	C104	PD-Lobby E Elevator (C104)	Avigilon 2MP 2.0C-H5SL-D01-IR
70.	C105	PD-Lobby W Elevator (C105)	Avigilon 2MP 2.0C-H5SL-D01-IR
71.	C116	PD-Community Room Vestibule (C116)	Avigilon 2MP 2.0C-H5SL-D01-IR
72.	C216	PD-Major Case Storage Room (C216)	Avigilon 2MP 2.0C-H5SL-D01-IR
73.	C226	PD-INV Middle Entrance Hallway (C226)	Avigilon 2MP 2.0C-H5SL-D01-IR
74.	C300	PD-3rd Floor East (C300)	Avigilon 2MP 2.0C-H5SL-D01-IR

75.	C327	PD-3RD Floor Chief Office Elevator (C327)	Avigilon 2MP 2.0C-H5SL-D01-IR
76.	C337	PD-OPS Waiting Room (C337)	Avigilon 2MP 2.0C-H5SL-D01-IR
77.	C338	PD-OPS Hallway (C338)	Avigilon 2MP 2.0C-H5SL-D01-IR
78.	S102	PD-1st Flr Stairwell East (S102)	Avigilon 2MP 2.0C-H5SL-D01-IR
79.	B122	PD-Booking Equipment Storage (B122)	Avigilon 2MP 2.0C-H5SL-D01-IR
80.	B115	PD-Booking Interview Room Hallway (B115)	Avigilon 2MP 2.0C-H5SL-D01-IR
81.	S100	PD-1st Flr Stairwell W To Court Area (S100)	Avigilon 2MP 2.0C-H5SL-D01-IR
82.	S302	PD-Int-3rd Flr E Stairwell (S302)	Avigilon 2MP 2.0C-H5SL-D01-IR
83.	S202	PD-Int-2nd Flr E Stairwell (S202)	Avigilon 2MP 2.0C-H5SL-D01-IR
84.	B109	PD-Booking Public Live Scan/Line-up Viewing (B109)	Avigilon 2MP 2.0C-H5SL-D01-IR
85.	B141	PD-Booking Property Storage (B141)	Avigilon 2MP 2.0C-H5SL-D01-IR
86.	S300	PD-Int-3rd Flr W Stairwell (S300)	Avigilon 2MP 2.0C-H5SL-D01-IR
87.	SW Gate	PD-SW Gate	Avigilon 2MP 2.0C-H5SL-D01-IR
88.	B116.1	PD-Booking East Corridor S (B116.1)	Avigilon 2MP 2.0C-H5SL-D01-IR
89.	B117.1	PD-Booking S Corridor E (B117.1)	New Avigilon 2.0C-H5SL-D01-IR
90.	C135	PD-Patrol Equipment (C135)	Avigilon 2MP 2.0C-H5SL-D01-IR

Appendix B: Quad PTZ & LPR Camera Add Locations

Design Breakdown by Location – Quad PTZ & LPR Adds

#	Intersection / Location	Equipment Proposed	Scope of Work Type
1.	River & Downer St	Quad PTZ	1
2.	Eola Rd & Ogden Ave	Quad PTZ w Riser	2
3.	New York and Eola	Quad PTZ	1
4.	Rt 59 and McCoy	Quad PTZ w Riser	2
5.	Montgomery and Frontenac	Quad PTZ w Riser	2
6.	Eola and Long Grove	Quad PTZ w Riser	2
7.	Galena and Commonwealth	Quad PTZ	1
8.	Eola and Hafenrichter	Quad PTZ	1
9.	Eola and Keating	Quad PTZ	1
10.	Eola and Stadium	Quad PTZ	1
11.	Montgomery and Normantown	Quad PTZ	1
12.	River and Benton	Quad PTZ	1
13.	Illinois and Randall	Quad PTZ	1
14.	Indian Trail and Highland	Quad PTZ	1
15.	Galena and Walmart Entrance	Quad PTZ	1
16.	Galena and Locust	Quad PTZ	1
17.	Lake and Indian Trail	Quad PTZ	1
18.	Lake and Benton (swap)	Quad PTZ	1
19.	Sullivan and Lake (E/B)	Solar L6Q	3
20.	Sullivan and Broadway (W/B)	Solar L6Q	3
21.	Indian Trail and Lake (E/B)	Solar L6Q	3
22.	Indian Trail and Broadway (W/B)	Solar L6Q	3
23.	Eola and Diehl (S/B)	Perm Power L6Q	6
24.	Eola and Diehl (N/B)	Perm Power L6Q	6
25.	I-88 Plaza 60 (Exit Ramp)	Perm Power L6Q	6
26.	I-88 Plaza 60 (On Ramp)	Perm Power L6Q	6
27.	I-88 and Eola (Off Ramp)	Perm Power L6Q	6
28.	I-88 and Eola (On Ramp)	Perm Power L6Q	6
29.	Kirk and Mesa (N/B)	Perm Power L6Q	6
30.	Kirk and Mesa (S/B)	Perm Power L6Q	6
31.	Lake north of Jericho (S/B)	Solar L6Q w Pole	5
32.	High St bridge (N/B)	Solar L6Q	3
33.	High St bridge (S/B)	Solar L6Q	3
34.	Parker and Howell (E/B)	Solar L6Q	3
35.	Smith and Morningside (S/B)	Solar L6Q	3
36.	Hill and Hinman (S/B)	Perm Power L6Q	4
37.	Duke and Ferry (N/B)	Solar L6Q	3

38.	Duke and Barkely (W/B)	Solar L6Q	3
39.	Montgomery and Meadowbrook (W/B)	Perm Power L6Q	4
40.	Montgomery and Meadowbrook (E/B)	Perm Power L6Q	4
41.	Ashland by cemetery (W/B)	Solar L6Q w Pole	5
42.	River and Arnold (S/B)	Solar L6Q w Pole	5
43.	Eola and Ogden (N/B)	Perm Power L6Q	6
44.	Montgomery and Waterford (W/B)	Perm Power L6Q	6
45.	Montgomery and Waterford (E/B)	Perm Power L6Q	6
46.	Illinois and Elmwood (W/B)	Perm Power L6Q	4
47.	Illinois and Elmwood (E/B)	Perm Power L6Q	4
48.	Eola and Hafenrichter (N/B)	Perm Power L6Q	4
49.	Eola and Hafenrichter (S/B)	Perm Power L6Q	4