

# City of Aurora, IL

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## Animal Control Video & Access Control Upgrade

07/17/2024

**ATTENTION TO:**

City of Aurora, IL

Timm Kopacz

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**SCIENTEL CONTACT:**

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Director of Operations

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Aurora, IL 60502

This proposal is valid for 60 days from today's date: 07/17/2024

## 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 upgraded video and access controls for Aurora's Animal Control Building. Our proposed solution has been designed specifically for Aurora to provide unsurpassed value.

To meet the functional and operational requirements you have at Aurora, our solution includes a combination of video, access control equipment, and the software / services required to provide a turnkey solution for Aurora.

Scientel estimates that this project will take approximately **90 days** to complete from receipt date of Purchase Order. The total cost of this proposed solution is **\$189,305.25**. Please refer to Sections 2 & 3 to see the included equipment and Scope of Services for the full description of our proposed solution. Scientel's offer will remain valid 30 days from the date of this proposal.

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](mailto:rhoffman@scientelsolutions.com), 630-956-6298.

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## 2. Equipment List Included

### Video Surveillance Hardware

| Item /Description  | Part #                 | Qty |
|--|------------------------|-----|
| Streamvault™ 2040E Series - 2U 12-Bay Appliance 80TB Raw RAID 5 1x Xeon Silver 4410Y 32GB RAM 2x 480GB M.2 SSD 5x 16TB 3.5" Enterprise HDDs 2x 1GbE RJ45 2x 1100W PSU Windows Server Standard 5YR NBD KYHD Warranty - Genetec™ Security Center pre-install | SV-2040E-R12-80-16-410 | 1   |
| RackMount CantlvdShelf Vent AL 3RU   | SRM19CMV3              | 2   |

### Video Surveillance Software

| Item /Description  | Part #          | Qty |
|--|-----------------|-----|
| Security Center 5.11   | GSC-5.11        | 1   |
| 1 Federated Security Center 4.0 (or higher) Directory connection. Must purchase Omnicast™ or Synergis™ Enterprise Package or AutoVu™ Standard.   | GSC-1SCFED      | 1   |
| Genetec Security Center (GSC) Base Enterprise Package. Includes Synergis Enterprise Package with Access Manage support, Remote Security Desk, Badge Designer. Includes Omnicast Enterprise package with Archiving and Auxiliary Archiving support, Media | GSC-Base-S      | 1   |
| 1 Enterprise camera connection, mandatory Genetec™ Advantage   | GSC-OM-E-1C     | 18  |
| Genetec™ Advantage for 1 Omnicast™ Enterprise Camera – 1 year  | ADV-CAM-S-1Y    | 18  |
| Streamvault™ Configure with Security Center 5.12.x (latest minor). Applies to SVW and SV-1000 and up only  | SV-CFG-SRV-5.12 | 1   |

### Door Access Hardware - Panels

| Item /Description  | Part #         | Qty |
|--|----------------|-----|
| Mercury Intelligent Controller, Linux Based, 8In/4Out/2Rd (2 reader licence connections included)  | SY-LP1502      | 1   |
| Mercury MR52 2-reader interface module Series 3 (8 inputs, 6 relays, PCB only, 2 reader licence connections included). Add GSC-SY-X-1RE if more reader connections are needed. | SY-MR52-S3     | 5   |
| LifeSafety Power - Genetec enclosure - 12V & 24VDC   400W 110V 60HZ  16 Reader   8 Mercury and Cloudlink  E8M2 Standard  | SY-DV16RD-E8M2 | 1   |

### Door Access Hardware – Field Devices

| Item /Description  | Part #          | Qty |
|--|-----------------|-----|
| SIGNO 40,BLK/SLVR, PIG, CRD PFL STD, MA RDY, FMT:ASP10022, WIEG, 32-B MSB, EM:32, LED:RED, FLSH:GRN, BZR, SRF:ON, IPM:OFF, VEL:OFF, TAP  | 40NKS-00-000000 | 11  |
| SIGNO 20, BLK/SLVR, PIG, CRD PFL STD, MA RDY, FMT:ASP10022, WIEG,32-B MSB ,EM:32-B,LED:RED, FLSH:GRN, BZR, SRF:ON, IPM:OFF, VEL:OFF, TAP | 20NKS-00-000000 | 1   |
| PIR REQUEST TO EXIT SENSOR WITH SOUNDER GRAY   | DS-DS160        | 3   |
| TRIMPLATE FOR DS150/160  | TP160           | 3   |

|   |           |   |
|---|-----------|---|
| G.R.I GEORGE RISK INDUSTRIES   180-12-W Door Recessed Switch Set, Closed Loop, 1NO, 200 Volt DC, 0.4 Ampere, 10 Watt, 0.15 Ohm, 1/2" Standard Gap, 3/4" Diameter, White, For Steel Door | 180-12-W  | 3 |
| 12V 7AH AGM .250 SLA BATTERY  | WKA12-7F2 | 3 |
| GI-6644 END OF LINE RESISTOR PACK, FLYING LEADS, (2) 1KOHM (10 PACK)  | GI-6644   | 6 |

**Door Access Software – Licenses**

| Item /Description  | Part #          | Qty |
|--|-----------------|-----|
| Synergis™ Cloud Link with 4GB of RAM, 16GB Flash, second generation, installed with Synergis™ access control firmware, four RS-485 ports, PoE. | SY-CLOUDLINK-G2 | 1   |
| Genetec™ Advantage for 1 Synergis™ Enterprise Reader – 5 years   | ADV-RDR-E-5Y    | 12  |

**Camera Equipment:**

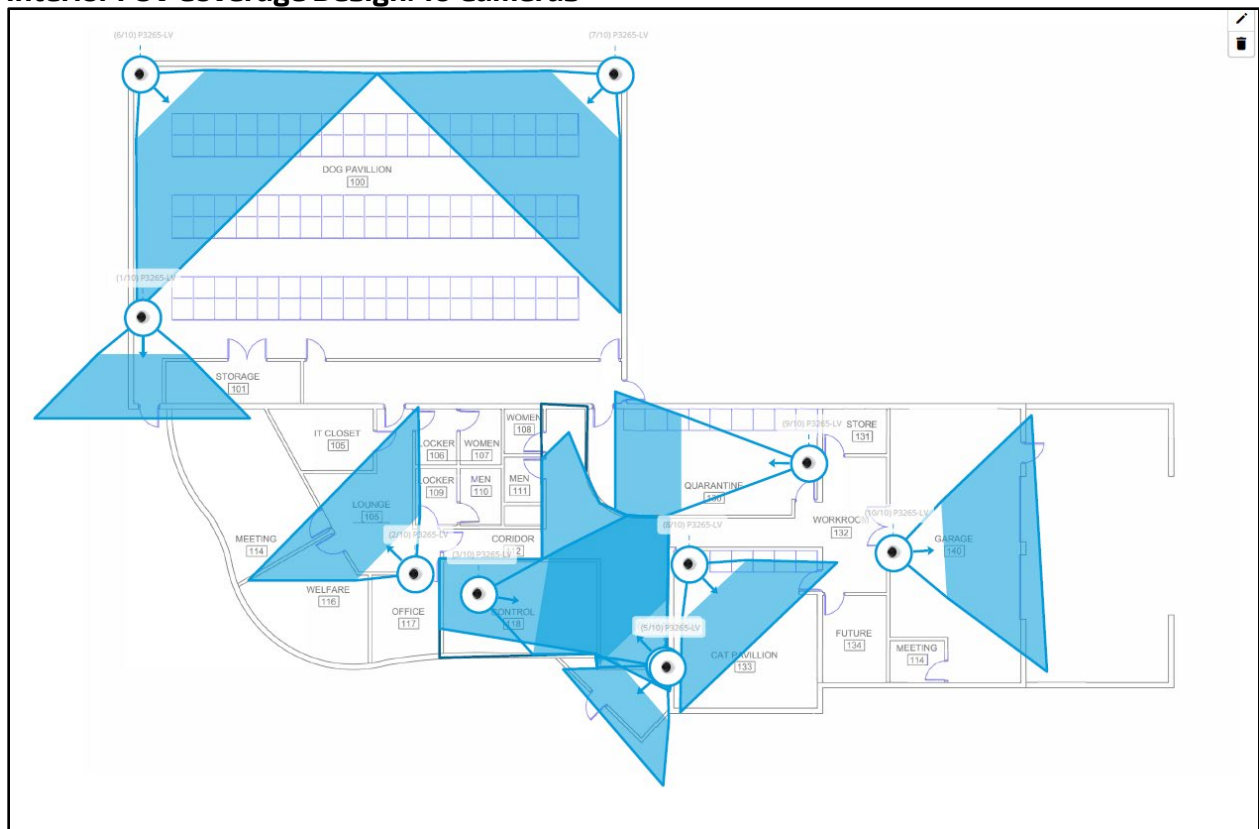
| Item /Description   | Part #        | Qty |
|---|---------------|-----|
| AXIS Q6100-E 60 Hz  | 01711-001     | 2   |
| AXIS P3265-LV   | 02327-001     | 10  |
| AXIS T91H61 Wall Mount                                    | 5507-641      | 10  |
| AXIS T94N01D Pendant Kit                                  | 01513-001     | 2   |
| AXIS T91A64 Corner Bracket                                | 5017-641      | 2   |
| AXIS P3738-PLE  | 02635-001     | 2   |
| AXIS Q6135-LE 60 Hz                                       | 01959-004     | 2   |
| AXIS P3267-LVE  | 02330-001     | 2   |
| AXIS T91B57 Pole Mount 100-410 mm                         | 01470-001     | 2   |
| AXIS T91G61 Wall Mount                                    | 5506-951      | 2   |
| Non-Pen Mount (Baird)                                     | 73-B3-288X8-R | 1   |
| Misc. Installation Material (Conduit/Concrete Block ect.) | N/A           | 1   |

### 3. Scope of Services

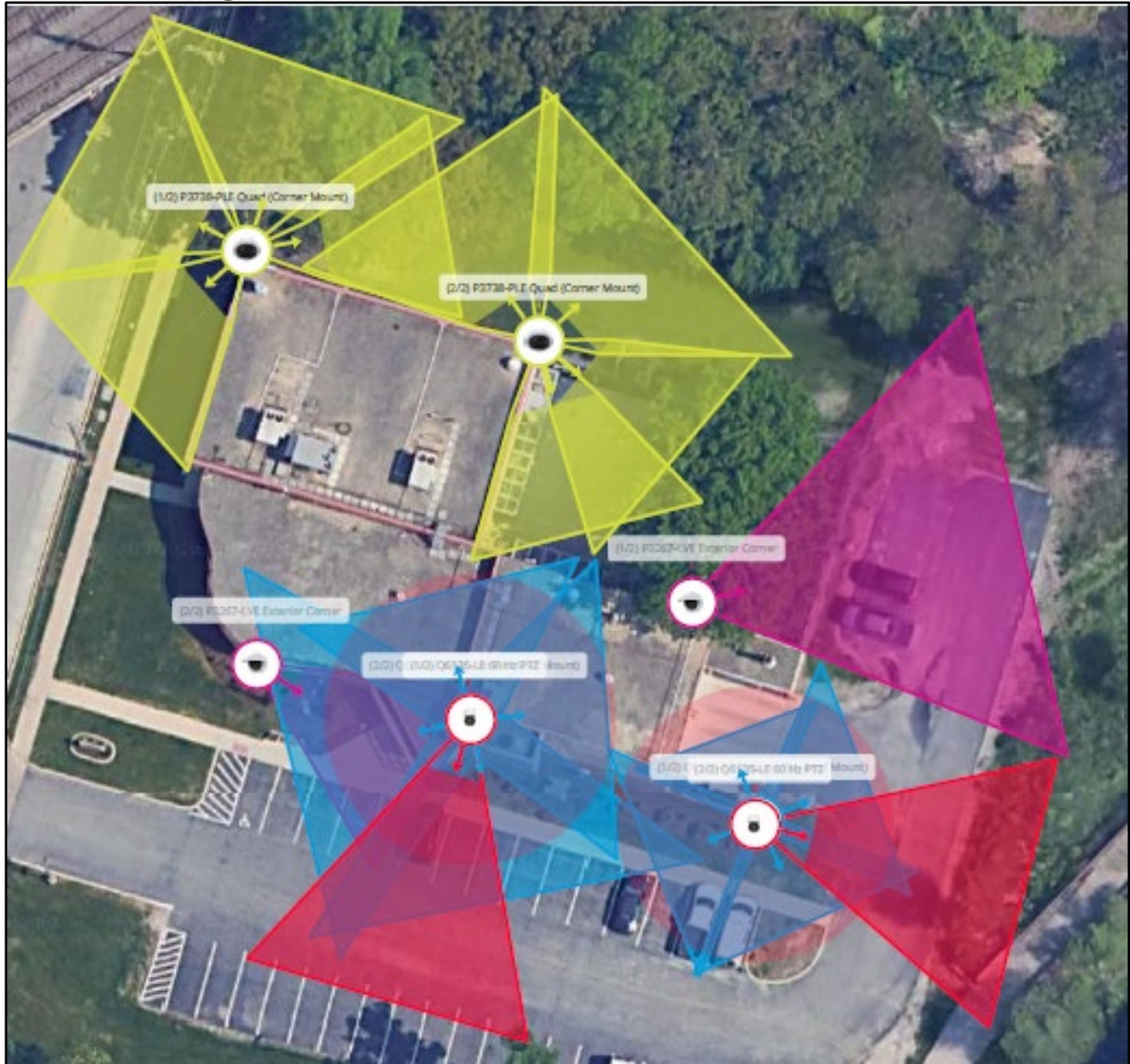
**Project Kickoff / Detailed Design Review:**

- Scientel will provide a Project Manager to oversee the project entirely, including scheduling project kickoff, ordering of equipment, scheduling of technicians, and arranging the installation process.
- Determine Equipment location and confirm power requirements
- Determine facility access requirements and Work Hours
- Develop Acceptance Testing Plan for all phases of each implementation to determine success/fail criteria.
- **Deliverable:**
  - Detailed Design Review Document encompassing above items

**Interior FOV Coverage Design: 10 Cameras**



### Exterior FOV Design - 8 Cameras



#### Scientel Camera Installation Services:

- Scientel will receive, inspect, label and stage all equipment at our offices in Aurora, IL.
- Scientel will work with Aurora's POC to schedule access for installation and confirm installation requirements.
- Scientel will install all the required cable runs & mounting hardware for new cameras.
- Scientel will install, aim, & focus the new cameras and confirm FOVs with Aurora.

**Scope of Services – Aurora Animal Control Genetec VMS:** Siemens/Scientel to provide a new Genetec directory/archiver that will be federated into customers existing WDC federation system. Siemens will provide all Genetec server, licensing, and commissioning of Scientel Solutions provided/installed cameras. This server accommodates projected future expansion provided by the customer. We have included 13 Enterprise camera licenses.

**Inclusions:**

1. Freight
2. All equipment included on equipment list page
3. Installation of server in existing rack
4. Project management for Siemens scope of work
5. System commissioning and final pretest
6. 5 Year warranty on server

**Exclusions:**

1. Sales Tax
2. Network provided by owner
3. Network switch hardware provided by owner
4. Camera hardware provided by owner
5. Labeling of any wire, cables and/or patch cords.
6. Provision or installation of wire, fiber, electrical distribution components, conduit and boxes.
7. Installation of system control cabinets, panels and field devices for all related equipment.
8. Termination and trim of all devices unless otherwise noted above.
9. Cutting, painting and patching.
10. Dedicated Telephone lines, network connectivity or monitoring services for systems listed above.
11. Wire metering.
12. 120 VAC connections and supply to be done by others as required.
13. Performance or payment bonds.
14. Costs associated with schedule acceleration, project meetings, multiple trips onsite due to incompleteness of others, or multiple unplanned phases.

**Clarifications:**

1. Pricing includes project management for the duration of the tentative project schedule.
2. Pricing includes one (1) year warranty on materials only.
3. Materials pricing is for the extent of the tentative project schedule.
4. Work is assumed to be completed during normal business hours Monday – Friday (7am-4pm).
5. Pricing includes standard ground shipping.
6. Scope of work assumes that the camera's are in working order and compatible with servers.

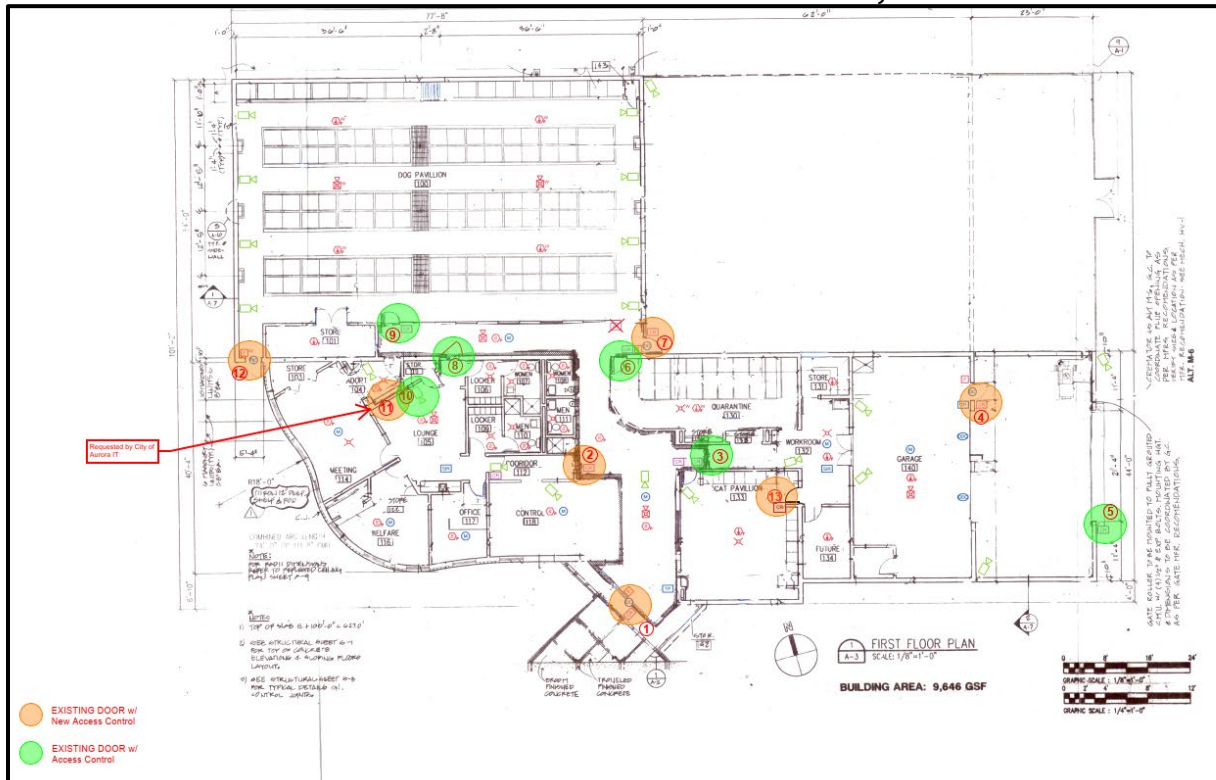


**Scope of Services – Aurora Animal Control Access Control System:** Scientel/Siemens to provide a solution for access control system at Aurora Animal Control Center facility (600 South River Street). Siemens to perform a migration of customers' current access control system to Genetec. Siemens will work with the customer on migrating existing hardware over to the new system to mitigate any loss of functionality for the least amount of downtime possible if applicable. The proposal includes all hardware included on the equipment list page as well as full installation and commissioning.

- Siemens electrical contractor to supply and install cable for 6 card reader doors based on customer provided print.
- Exterior doors will receive a card reader, rex, door contact and locking hardware cable.
- Interior doors will only require a card reader and locking hardware cable.
- Supply and install cable at 1 existing exterior door locations based on customer provided print for a full card reader installation (reader, rex, door contact, strike).
- Supply and install raceway (wiremold may be required) for card reader, strike wire and door contact.
- Remove existing card access panel, power supply and enclosures. Install new rack, card access panel and
- power supply.
- Install raceway where required into drop ceiling from panel. Terminate wiring at the panel location.
- Provide 120V power utilizing the local power.
- Install field devices and connect to door strike provided by others for the 12 card access doors.
- Assist in testing once programming has been completed by Siemens.

**Customer Drawing:**

Note: Customer has eliminated door 12 from new access control system



### **Inclusions**

1. Freight
2. Project management
3. System commissioning
4. All equipment included on equipment list page
5. Installation of equipment
6. 120 VAC connections
7. All remote site capability

### **Exclusions**

1. Network provided by owner
2. Locksmith work for Cat Room to Work Room, Garage to Work Room and IT Room
3. Any network switch hardware provided by owner
4. Painting and patching
5. Sales Tax
6. Costs associated with schedule acceleration, project meetings, multiple trips onsite due to incompleteness of others, or multiple unplanned phases.

### **Clarifications**

1. Siemens will be utilizing existing wiring for existing card reader doors.
2. Pricing includes project management for the duration of the tentative project schedule.
3. Pricing includes one (1) year warranty on materials only.
4. Materials pricing is for the extent of the tentative project schedule.
5. Work is assumed to be completed during normal business hours Monday – Friday (7am-5pm).
6. Pricing includes standard ground shipping.

### Location Specific Scope of Services – Access Control:

IDF / Panel Location – Closet in Room 105 (Lounge)

ABR will be responsible for all conduit, wiring, device installation and field terminations. ABR will install (2) new ACS/Power Supply cabinets in IDF Closet. ABR Will remove existing Cabinets. ABR will need to power all new cabinets. All new devices will require Pipe/Wiremold where applicable.

Door 1 - NEW (Hardware – CR, DPS, REX & Lock Trigger)

1. Add New Mullion Mount Card Reader
2. Add New DPS to Metal Door Frame
3. Add New Request to Exit to Interior side of door
4. Add New Door Striker Trigger Cable
5. Add New TeeJay Control Board to Auto Door Opener (Stanley)
6. Wire Existing Door Strike to Auto Opener

Door 2 – New (Hardware – CR & Lock Trigger)

1. Add New Card Reader
2. Add New Strike Trigger Cable
3. Terminate all on new panel

Door 3 – Existing (Hardware – CR & Lock Trigger)

1. Swap Card Reader
2. Re-terminate Card Reader and Strike Trigger on new panel

Door 4 – New (Hardware – CR, DPS, REX & Lock Trigger)

1. Add New Card Reader
2. Add New Strike Trigger Cable
3. Add New DPS
4. Add New Request-to-Exit
5. Terminate all on new panel

Door 5 – Existing Gate (Hardware – CR & Lock Trigger)

1. Swap Card Reader
2. Re-terminate Card Reader and Strike Trigger on new panel

Door 6 – New (Hardware – CR & Lock Trigger)

1. Add New Card Reader
2. Add New Strike Trigger Cable
3. Terminate all on new panel

**Door 7 – Existing (Hardware – CR, DPS, REX & Lock Trigger)**

1. Swap Card Reader
2. Re-terminate Card Reader and Strike Trigger on new panel
3. Add New DPS
4. Add New Request-to-Exit
5. Terminate all on new panel

**Door 8 – Existing (Hardware – CR & Lock Trigger)**

1. Swap Card Reader
2. Re-terminate Card Reader and Strike Trigger on new panel

**Door 9 – Existing (Hardware – CR & Lock Trigger)**

1. Swap Card Reader
2. Re-terminate Card Reader and Strike Trigger on new panel

**Door 10 – Existing (Hardware – CR & Lock Trigger)**

1. Swap Card Reader
2. Re-terminate Card Reader on new panel
3. Add New Striker Trigger Cable
4. Terminate Strike Trigger on new panel

**Door 11 – New (Hardware – CR & Lock Trigger) (FUTURE DOOR)**

1. Add Card Reader
2. Add new Lock Trigger Cable and terminate to new Locking Mechanism.

~~**Door 12 – New (Hardware – CR, DPS, REX & Lock Trigger)**~~

**Door 13 – New (Hardware – CR & Lock Trigger)**

1. Add New Card Reader
2. Add New Strike Trigger Cable
3. Terminate all on new panel

**Closeout Services:**

- Scientel will provide Aurora with 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.

#### 4. 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.

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

## 5. Pricing & Billing Milestones

### Access Control Pricing:

| Item/Description          | Price              |
|---------------------------|--------------------|
| Access Control Equipment  | \$23,395.71        |
| Access Control Software   | \$2,327.17         |
| Access Control Labor Cost | \$54,614.65        |
| <b>TOTAL</b>              | <b>\$80,337.53</b> |

### Video Management (Genetec) System Pricing:

| Item/Description                   | Price              |
|------------------------------------|--------------------|
| Video Management System Equipment  | \$27,704.46        |
| Video Management System Software   | \$16,317.71        |
| Video Management System Labor Cost | \$10,254.86        |
| <b>TOTAL</b>                       | <b>\$54,277.03</b> |

### Camera Pricing:

| Item/Description                         | Unit Price | Qty | Ext. Price         |
|--|------------|-----|--------------------|
| Camera Equipment & Materials             | N/A        | 18  | \$25,324.89        |
| Security Network Detailed Design         | N/A        | 1   | \$2,000.00         |
| Management, Setup, Config & Optimization | N/A        | 1   | \$7,865.80         |
| Interior Camera Installation             | \$950      | 10  | \$9,500.00         |
| Exterior Camera Installation             | \$1,250    | 8   | \$10,000.00        |
| <b>TOTAL</b>                             |            |     | <b>\$54,690.69</b> |

### Pricing Summary:

| Item/Description                | Price               |
|---------------------------------|---------------------|
| Access Control Pricing          | \$80,337.53         |
| Video Management System Pricing | \$54,277.03         |
| Camera Pricing                  | \$54,690.69         |
| <b>GRAND TOTAL</b>              | <b>\$189,305.25</b> |

\*\*\*In addition to the total above cost and in accordance with the existing Security Camera Maintenance & Support (Bid 20-29 Resolutions R21-135), the following recurring cost will be added to the yearly agreement:

18 cameras x \$500/camera/year=**\$9,000**

### 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.

## 6. Terms, Conditions, & Acceptance

Scientel Solutions LLC will accept a written Purchase Order (P.O.) for this work.

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.

This quote is valid for 30 days. If the above quote and terms are accepted by the quote recipient, please indicate as requested below. The completed document may be returned to Scientel with the necessary Purchase Order via email at [Salesorder@scientelsolutions.com](mailto:Salesorder@scientelsolutions.com)

Signature: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Name (Print): \_\_\_\_\_

Title: \_\_\_\_\_