

STATEMENT OF WORK

Project Name:	Fire Station 8	Seller Representative:
Customer Name:	City of Aurora (IL)	John Jordan 312 467 0065 jjordan@quantumcrossings.com
CDW Affiliate:	CDW Government LLC	
SOW Created Date:	March 21, 2019	Solution Architect:
Version:	6	Partner

This statement of work (“**Statement of Work**” or “**SOW**”) is made and entered into on the date signed by both parties (the “**SOW Effective Date**”) by and between the undersigned, CDW Government LLC (“**Provider**”, “**Seller**” and “**we**”) and City of Aurora (IL) (“**Customer**” and “**you**”).

PROJECT DESCRIPTION

This price is also based on the following clarifications & qualifications:

- All work is based on Normal Working Hours.

SCOPE

Customer has requested Provider quote the design, procurement, installation and configuration of an update for the video system at the Customer Designated Location. This upgrade includes replacing the existing ten (10) cameras with new IP based cameras, adding local NAS storage for the cameras for five (5) days for network outages, and Genetec licensing for the City of Aurora City Hall system. Excluded from the scope is ensuring that the necessary storage and throughput is available on the existing archiver(s) at City Hall as this information was not available. Provider has provided the anticipated storage requirements for ninety (90) days of storage and the anticipated bandwidth required so that City of Aurora can ensure that adequate storage and bandwidth are available. In addition an option has been quoted to add two (2) additional cameras to increase coverage as discussed during site walk down.

Warranty for work performed by Provider

The above-referenced project has been completed as of **TBD** in accordance with the scope of work outlined in the contract documents.

Provider guarantees the workmanship and materials for the above-referenced project for a period of one (1) year, ending **TBD**

Provider guarantees the above-mentioned installation as follows:

- For a period of twelve (12) months commencing on the date of Substantial Completion, any defect in labor or parts will be repaired at no cost to the owner. Provider shall be notified in writing of any defects prior to the twelve (12) months from the date of Substantial Completion at which time the warranty expires.
- This warranty does not cover normal wear and tear, cosmetic damage or damage caused by acts of nature, accidents, negligence, misuse, abuse or lack of routine maintenance, or modification to any part of the system, by anyone other than an authorized representative of Provider.
- Please note that any modifications made to the system by anyone other than authorized Provider representatives will void this warranty.
- This warranty does not cover additional owner instruction, system set-up, or modifications after the date of this letter. The warranty period does not include periodic inspection, routine maintenance or reconfiguration of the system. If routine maintenance required for the system to function cannot be performed by your organization, please note that Provider can provide a maintenance service contract.

CAMERA UPGRADE

The existing cameras are analog extended over twisted pair. It has been assumed that the current cabling to the existing cameras is sufficient. Female to Male jumpers have been included for the cameras side to allow for re-termination. All cables will be tested prior to installation and if cable does not pass then a change order will be issued for replacement of the cables. Provider has assumed that the circuit that is powering the existing recorder and power injector can be reused to power the High POE Injectors and the new NAS device. Table 1 indicates the camera selections and storage requirements as anticipated utilizing Axis Design tool. Figure 1 below indicates the anticipated layout of the cameras.

- Procure, install, configure, and integrate three (3) Axis Q6000-E MkII cameras with corner mounts – existing cabling assumed good, camera end to be re-terminated.
- Procure, install, configure, and integrate two (2) Axis P3367-VE cameras flush mounted exterior – existing cabling assumed good, camera end to be re-terminated.
- Procure, install, configure, and integrate five (5) Axis P3367-V cameras flush mounted interior – existing cabling assumed good, camera end to be re-terminated.
- Procure and install jumpers from existing patch panel to switch designated by Aurora IT department – distance not to exceed 50’.
- Procure and install Male to Female Cat 6 jumpers at camera end of existing cables.
- Procure, install, configure, and integrate NAS device for local storage of cameras – distance to switch not to exceed 50’

OPTION 1 – ADDITIONAL CAMERAS

During site walk two additional camera locations were investigated to provide additional coverage. The first is a Q6000-E MkII assembled with Axis 6054-E MkII to be placed on the Southeast side of the building to cover the patio area by the dining room and the door into the Fire department garage area, the other two cameras will be aligned to cover the entrance into the front parking and the parking area. The second is a P3367-VE to be placed on the Southeast corner of the Fire department to look directly and the gasoline storage tank.

- Procure, install, configure, and integrate one (1) Axis Q6000 assembled with an Axis 6054-E MkII and corner mounts
- Procure, install, configure, and integrate one (1) Axis P3367-VE cameras with wall mount.
- Procure and install two (2) Cat6e cable from camera locations to Technology room – distance not to exceed 300’

GENERAL

All options mentioned above includes time and labor to perform any necessary configuration and installation task as described.

ASSUMPTIONS

1. Customer IT department to ensure that existing Archiver has adequate storage capacity
2. Customer IT department to ensure that existing Archiver has adequate bandwidth capacity
3. Customer IT department will provide switch adequate to meet the needs of the cameras system (13 total ports – 8 with POE+ capability - Based on our last correspondence Customer has adequate ports available.
4. Customer will provide passwords to be utilized for the system

EXCLUSIONS

- Performance & payment bonds (Can be quoted as an adder)
- Permits and inspection fees
- Dumpsters
- Separate workforce toilet facilities
- Mobile Storage or office trailers
- Environmental remediation or abatement of any kind
- Patching or painting of conduit or surfaces
 - Special safety requirements not communicated during the time of bid
 - Special insurance requirements

Provider reserves the right to make changes in the routing and/or installation techniques of certain items such as service risers, conduit runs, etc. This should be allowable, except for in the case where obtaining permission to make a change would pose an immediate threat of injury or loss of life to workers on site, or if the change, in the opinion of the installer on-site as a subject-matter expert is necessary in order to avoid an electrical hazard or decreased function in the systems being installed.

Services not specified in this SOW are considered out of scope and will be addressed with a separate SOW or Change Order.

PROJECT SCHEDULING

Customer and Seller, who will jointly manage this project, will together develop timelines for an anticipated schedule (“A draft will be completed once an executed purchase order is issued to QC and a schedule is discussed with the city, if the city wishes to provide an anticipated date of issuance of a purchase order, QC will make its best effort to provide a tentative project schedule. **Anticipated Schedule**”) based on Seller’s project management methodology. Any dates, deadlines, timelines or schedules contained in the Anticipated Schedule, in this SOW or otherwise, are estimates only, and the Parties will not rely on them for purposes other than initial planning.

TOTAL FEES

The total fees due and payable under this SOW (“**Total Fees**”) include both fees for Seller’s performance of work (“**Services Fees**”) and any other related costs and fees specified in the Expenses section (“**Expenses**”).

Seller will invoice for the Total Fees.

SERVICES FEES

Services Fees will be calculated on a TIME AND MATERIALS basis.

The invoiced amount of Services Fees will equal the rate applicable for a unit of a service or resource (“**Unit Rate**”) multiplied by the number of units being provided (“**Billable Units**”) for each unit type provided by Seller (see Table 1).

The Total Estimated Services Fees of \$20,754.00 is merely an *estimate* and does not represent a *fixed fee*. Neither the Total Estimated Billable Units of 137 nor the Total Estimated Services Fees are intended to limit the bounds of what may be requested or required for performance of the Services. The Discounted Unit Rate will be at a minimum 1.00% less than the Standard Unit Rate.

Table 1 – Services Fees

Unit Type	Standard Unit Rate	Discount Unit Rate	Billable Units	Subtotal
Project Manager – Per Hour	\$200.00	\$150.00	24	\$3,600.00
Senior Engineer – Per Hour	\$225.00	\$180.00	20	\$3,600.00
Field Engineer – Per Hour	\$200.00	\$150.00	36	\$5,400.00
Electrician – Per Hour	\$190.00	\$135.00	47	\$6,345.00
Senior Project Manager – Per Hour	\$210.00	\$180.00	10	\$1,800.00
Estimated Totals			137	\$20,745.00

OPTIONAL ADDITIONAL SERVICES

Unit Type	Standard Unit Rate	Discount Unit Rate	Billable Units	Subtotal
Project Manager – Per Hour	\$200.00	\$150.00	6	\$900.00
Senior Engineer – Per Hour	\$225.00	\$180.00	1	\$180.00
Field Engineer – Per Hour	\$200.00	\$150.00	8	\$1,200.00
Electrician – Per Hour	\$190.00	\$135.00	20	\$2,700.00
Senior Project Manager – Per Hour	\$210.00	\$180.00	10	\$1,800.00
Estimated Totals			45	\$6,780.00

The rates presented in Table 1 apply to *scheduled* Services that are performed during Standard Business Hours (meaning 8:00 a.m. to 5:00 p.m. local time, Monday through Friday, excluding holidays). When Seller invoices for scheduled Services that are not performed during Standard Business Hours, Services Fees will be calculated at 150% of the Unit Rates. For any unscheduled (i.e., emergency) Services performed at any time of the day, Services Fees will be calculated at 200% of the Unit Rates.

Any non-Hourly Units will be measured in one (1) unit increments when Services are performed remotely or at any Customer-Designated Location(s) (as defined below).

Any Hourly Units will be measured in one (1) hour increments with a minimum of one (1) hour billed each day Services are performed remotely and four (4) hours billed each day Services are performed at any Customer-Designated Location(s). When Hourly Seller personnel must travel more than two (2) hours a day to work at any Customer-Designated Location(s), there will be a minimum of eight (8) hours billed for each day (less travel time that is invoiced pursuant to the “Expenses” section below).

Upon notice, Seller may adjust the rates above, provided that the rates will remain fixed for at least six (6) months after the SOW Effective Date and then again for at least six (6) months after any subsequent adjustment.

The rates above only apply to Services specified in this SOW as it may be amended by one or more Change Order(s). There be no travel time billed for this SOW

EXPENSES

Seller will invoice Customer for Seller’s reasonable, direct costs incurred in performance of the Services. There will be no additional Direct expenses including, but may not be limited to: airfare, lodging, mileage, meals, shipping, lift rentals, photo copies, tolls and parking. Seller will not charge actual costs for these expenses. Any projected expenses set forth in this SOW are estimates only.

Travel time will not be billed for this project.

Two (2) weeks’ advance notice from Customer is required for any necessary travel by Seller personnel.

CUSTOMER-DESIGNATED LOCATIONS

Seller will provide Services benefiting the locations specified on the attached Exhibit (“**Customer-Designated Locations**”).

SOW TERMS AND CONDITIONS

CONTACT PERSON(S)

Each Party will appoint a person to act as that Party's point of contact ("**Contact Person**") as the time for performance nears and will communicate that person's name and information to the other Party's Contact Person.

The Customer Contact Person is authorized to approve materials and Services provided by Seller, and Seller may rely on the decisions and approvals made by the Customer Contact Person (except that Seller understands that Customer may require a different person to sign any Change Orders amending this SOW). The Customer Contact Person will manage all communications with Seller, and when Services are performed at a Customer-Designated Location, the Customer Contact Person will be present or available. The Parties' Contact Persons shall be authorized to approve changes in personnel and associated rates for Services under this SOW.

PAYMENT TERMS

Customer will pay invoices containing amounts authorized by this SOW within thirty (30) days of Customer's receipt of the invoice. Any objections to an invoice must be communicated to the Seller Contact Person within thirty (30) days after receipt of the invoice.

EXPIRATION

This SOW expires and will be of no force or effect unless it is signed by Customer and Seller within thirty (30) days from the SOW Created Date, except as otherwise agreed by Seller.

CHANGE ORDERS

This SOW may be modified or amended only in a writing signed by both Customer and Seller, generally in the form provided by Seller ("**Change Order**").

In the event of a conflict between the terms and conditions set forth in a fully executed Change Order and those set forth in this SOW or a prior fully executed Change Order, the terms and conditions of the most recent fully executed Change Order shall prevail.

MISCELLANEOUS

This SOW shall be governed by that certain City of Mesa Agreement Number 2018011 Information Technology Solutions & Services between CDW Government LLC and City of Mesa, Arizona, administered by National IPA, effective March 1, 2018 (the "**Agreement**"). If there is a conflict between this SOW and the Agreement, then the Agreement will control, except as expressly amended in this SOW by specific reference to the Agreement. References in the Agreement to a SOW or a Work Order apply to this SOW. This SOW and any Change Order may be signed in separate counterparts, each of which shall be deemed an original and all of which together will be deemed to be one original. Electronic signatures on this SOW or on any Change Order (or copies of signatures sent via electronic means) are the equivalent of handwritten signatures. This SOW is the proprietary and confidential information of Seller.

SIGNATURES

In acknowledgement that the parties below have read and understood this SOW and agree to be bound by it, each party has caused this SOW to be signed and transferred by its respective authorized representative.

CDW Government LLC

City of Aurora (IL)

By: _____
signature

By: _____
signature

Name: _____

Name: _____

Title: _____

Title: _____

Phone: _____

Phone: _____

E-mail: _____

E-mail: _____

Date: _____

Date: _____

Mailing Address:

230 N. Milwaukee Ave.
Vernon Hills, IL 60061

Mailing Address:

Street: _____
City/ST/ZIP: _____

Billing Contact: _____

Street: _____
City/ST/ZIP: _____

- A purchase order for payment under this SOW is attached.
- A purchase order is not required for payment under this SOW.

Seller Services Manager: Mike Primus



EXHIBIT A

Camera Name	Manufacturer	Model	QTY	RESOLUTION	FRAME RATE	REC (MBit/s)	Storage (TB)	Scenario
Existing Exterior Corner	AXIS	Q6000-E MK II	3	4X2MP Fixed	4 Fixed - 30	10.2	9.89	Intersection
Existing Exterior Doors	AXIS	P3367-VE	2	1080p	30	7.52	7.31	Intersection
Existing Interior	AXIS	P3367-V	5	1080p	30	20.2	19.6	Reception (Low Light)
Totals			10			37.92	36.8	
Option 1 - Exterior Corner	AXIS	Q6000-E MK II Q6054-E MK II	1	PTZ - 1080p Fixed - 720p	Fixed - 30	3.39	3.3	Intersection
Option 1 - Exterior Fixed	AXIS	P3367-VE	1	1080p	30	3.76	3.66	Intersection
Totals			12			45.07	43.76	

TABLE 1

MANUFACTUER	PART NUMBER	DESCRIPTION
GENETEC	GSC-Om-E-1C	1 CAMERA CONNECTION
GENETEC	ADV-CAM-E-1Y	GENETEC™ ADVANTAGE FOR 1 OMNICAST ENTERPRISE CAMERA – 1 YEAR
GENETEC	ADV-CAM-E-1M	GENETEC™ ADVANTAGE FOR 1 OMNICAST ENTERPRISE CAMERA – 1 MONTH
AXIS	Q6000 MKII	AXIS Q6000-EMK II MULTISENSOR
AXIS	T91A64	AXIS T91A64 CORNER BRACKET
AXIS	T91G61	AXIS T91G61 WALL MOUNT
AXIS	P3367-VE	AXIS P3367-VENETWORK CAMERA
AXIS	P3367-V	AXIS P3367-V NETWORK CAMERA
BCD	SV-1000E-RS4-4T-4-170	BCDVIDEO - Streamvault 1000
ORTRONICS	MC603-06	CAT6 BLUE ETH. PATCH CABLE
ORTRONICS	SC6R50DB-06	CBL ASSYMOD 8, DOUBLE END CAT6 IP5 SOLID PVC T568B 50FT BLUE
CHATSWORTH	12820-705	BASIC HORIZ PWR STRIP LOCK SGL PHASE, 125V, 15A, 6-RECPT W/CB & SURGE PROTECT
HOFFMAN	ESHA19	SHELF VENTED SINGLE-SIDED BLACK
AXIS	5503-771	NETWORK CABLE COUPLER INDOOR
AXIS	5503-431	NETWORK CABLE COUPLER IP66
		MISC INSTALLATION MATERIAL
MANUFACTUER	PART NUMBER	DESCRIPTION
GENETEC	GSC-Om-E-1C	1 CAMERA CONNECTION
GENETEC	ADV-CAM-E-1Y	GENETEC™ ADVANTAGE FOR 1 OMNICAST ENTERPRISE CAMERA – 1 YEAR
GENETEC	ADV-CAM-E-1M	GENETEC™ ADVANTAGE FOR 1 OMNICAST ENTERPRISE CAMERA – 1 MONTH
AXIS	Q6000-EMKII/Q6054-E MK II	AXIS 6000-EMK II MULTISENSOR WITH AXIS Q6054-EMK II 60HZ PTZ DOME CAM, OUTDOOR
AXIS	T91A64	AXIS T91A64 CORNER BRACKET
AXIS	T91G61	AXIS T91G61 WALL MOUNT
AXIS	P3367-VE	AXIS P3367-VENETWORK CAMERA
AXIS	P33VEPENDANT	AXIS P33-VENETWORK CAMERAS PENDANT KIT
AXIS	T91H61	AXIS T91H61 WALL MOUNT
ORTRONICS	MC603-06	CAT6 BLUE ETH. PATCH CABLE
ORTRONICS	SC6R50DB-06	CBL ASSYMOD 8, DOUBLE END CAT6 IP5 SOLID PVC T568B 50FT BLUE
		INSTALLATION MATERIAL - CAT 6 CABLE - 600' PLUS JACKS
		MISC INSTALLATION MATERIAL

EXHIBIT B.

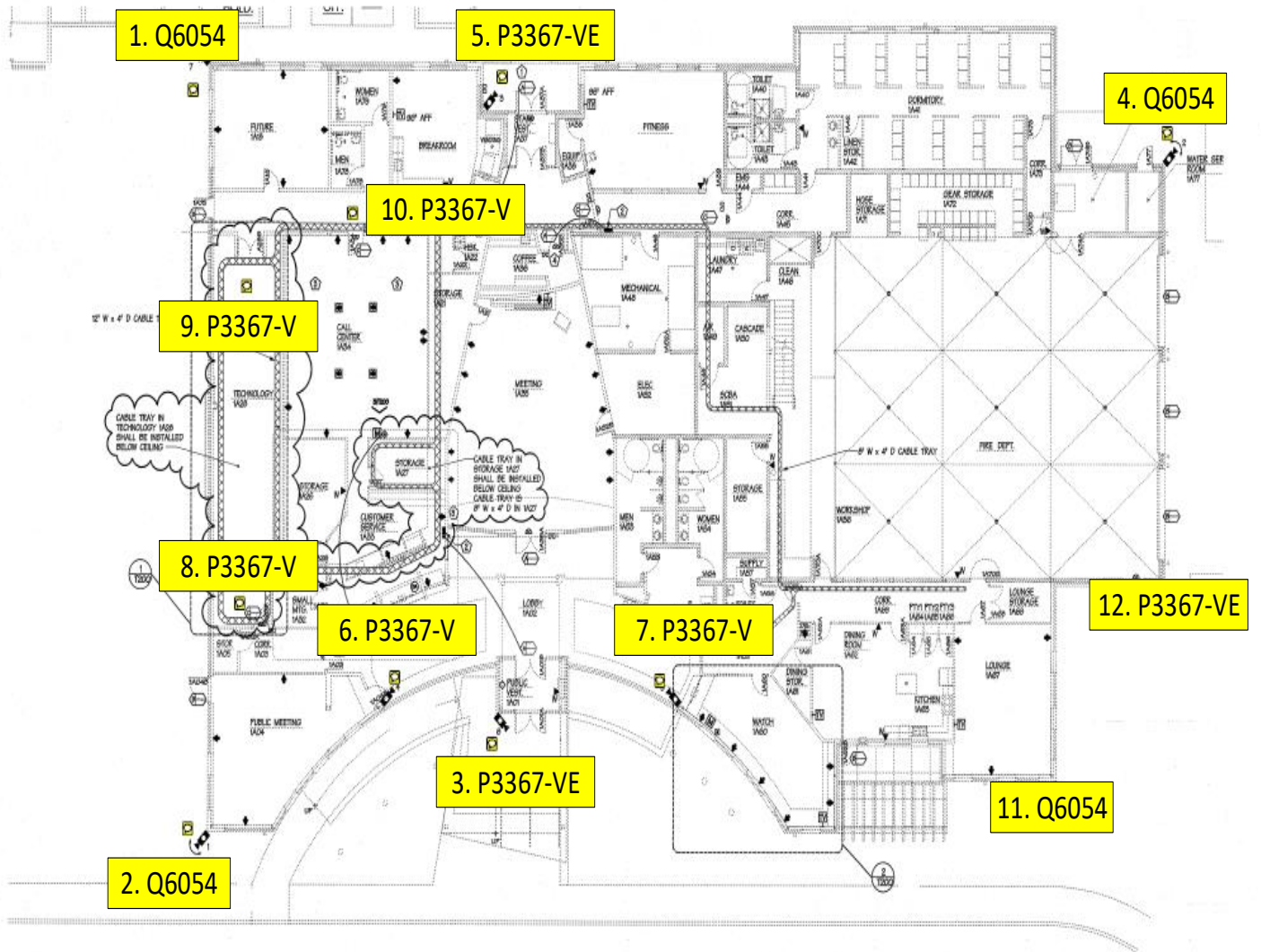


EXHIBIT C.

CUSTOMER-DESIGNATED LOCATIONS

Seller will provide Services benefiting the following locations (“**Customer-Designated Locations**”).

Table 2 – Customer-Designated Locations

Location(s)	Service(s)		
Fire Station 8 44 E. Downer PL Aurora, Illinois	<input type="checkbox"/> Assessment <input type="checkbox"/> Configuration <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Implementation	<input type="checkbox"/> Knowledge Transfer <input type="checkbox"/> Project Management <input type="checkbox"/> Reconfiguration <input type="checkbox"/> Reinstallation	<input type="checkbox"/> Staff Augmentation <input type="checkbox"/> Support <input type="checkbox"/> Training <input type="checkbox"/> Custom Work